

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC APPLICATION OF )**  
**WARREN COUNTY WATER ) CASE NO. 2024-00201**  
**DISTRICT FOR AN ADJUSTMENT )**  
**OF RATES FOR SEWER SERVICE )**

**APPLICATION**

Applicant, Warren County Water District (“Warren District” or “the District”), pursuant to KRS 278.030, KRS 278.180, and 807 KAR 5:001, hereby applies to the Kentucky Public Service Commission (“Commission”) for authority to adjust its rates for sewer service.

In support of its Application,<sup>1</sup> Warren District states:

**Background**

1. Warren District’s full name and post office address are: Warren County Water District, P.O. Box 10180 Bowling Green, Kentucky 42102-4780. Its physical address is: 523 U.S. 31-W Bypass, Bowling Green, KY 42101. Its web address is: [www.warrenwater.com](http://www.warrenwater.com), and its electronic mail address is [jacobc@warrenwater.com](mailto:jacobc@warrenwater.com).

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<sup>1</sup> To facilitate the Commission’s initial review of this Application, Warren District has attached as **Exhibit 1** to this Application a document entitled “Filings Requirements List” that consists of four pages, lists each statutory and regulatory requirement for an application for general rate adjustment, identifies the exhibit or paragraph that satisfies the requirement, and contains a hyperlink to that exhibit or paragraph.

2. Copies of all orders, pleadings and other communications related to this proceeding should be directed to:

Jacob Cuarta, General Manager  
P.O. Box 10180  
523 US 31-W Bypass  
Bowling Green, KY 42702  
(270) 842-0052  
jacobc@warrenwater.com

Damon R. Talley  
Stoll Keenon Ogden, PLLC  
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Hodgenville, KY 42748-0150  
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3. Warren District is not a corporation, limited liability company or limited partnership. It has no articles of incorporation or partnership agreements.

4. Warren District is a water district created under the provisions of KRS Chapter 74.

5. Warren District owns and operates facilities that provide sewer service to the public for compensation to portions of the City of Bowling Green, Kentucky, and to the unincorporated areas of Warren County, Kentucky. It also

owns and operates facilities that are used for the distribution and furnishing of water to the public for compensation in the same general area. Under the terms of a joint operations agreement, Warren District also manages and operates Butler County Water System, Inc. (“Butler Water”) and Simpson County Water District (“Simpson District”).

6. Warren District does not own or operate any sewage treatment facilities but collects and transports wastewater within its territory to the sewage treatment facilities of Bowling Green Municipal Utilities (“BGMU”). As of the end of the proposed test period, December 31, 2023, Warren District provided retail sewer service to 10,241 customers in Warren County, Kentucky<sup>2</sup> and had collected 1.415 billion gallons of wastewater during the test period.<sup>3</sup>

7. A copy of the Resolution of Warren District’s Board of Commissioners authorizing the filing of this Application is attached as **Exhibit 2** to this Application.

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<sup>2</sup> *Annual Report of Warren County Water District Sewer Division to the Public Service Commission of the Commonwealth of Kentucky for the Calendar Year Ended December 31, 2023 (“2023 Annual Sewer Report”)* at 25.

<sup>3</sup> Exhibit 18 at 1-2.

## Compliance with 807 KAR 5:001, Sections 16 and 17<sup>4</sup>

8. This Application requests a general adjustment of Warren District's existing rates for sewer service and is supported by a twelve-month historical test period ending December 31, 2023. Warren District has adjusted test period revenues and expenses to reflect known and measurable changes. **Section 16(1)(a)1.**

9. Warren District submits this Application to comply with the Commission's Orders of March 24, 2021 and March 15, 2024 in Case No. 2021-00007,<sup>5</sup> and of September 2, 2022 in Case No. 2022-00232.<sup>6</sup> **Section 16(1)(b)1.**

10. Warren District does not conduct or transact business in the Commonwealth of Kentucky under an assumed name or any style other than its real name. Therefore, no certificate of assumed name is required for this Application. **Section 16(1)(b)2.**

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<sup>4</sup> The reference appearing at the end of each paragraph addressing Warren District's compliance with these Sections refers to the appropriate section containing the filing requirement being addressed.

<sup>5</sup> *Electronic Application of Warren County Water District to Issue Securities in the Approximate Principal Amount of \$3,735,000 for the Purpose of Refunding and Reamortizing Certain Outstanding Obligations of the District Pursuant to the Provisions of KRS 278.300 and 807 KAR 5:001*, Case No. 2021-00007, Order (Ky. PSC Mar. 24, 2021). The Commission originally ordered that an application for rate adjustment be filed by March 24, 2024. By its Order of March 15, 2024, in Case No. 2021-00007, the Commission extended the time period in which to file such application to July 31, 2024 and clarified that the Commission's Order applied to Warren's Sewer Division as well as its Water Division.

<sup>6</sup> *Electronic Purchased Water Adjustment Filing of Warren County Water District*, Case No. 2022-00232, Order (Ky. PSC Sept. 2, 2022). In this Order, the Commission repeated its directive that an application for rate adjustment be filed by March 24, 2024.

11. Revised tariff sheets setting forth Warren District's proposed rates and stating an effective date of August 31, 2024 are attached as **Exhibit 3** to this Application. **Section 16(1)(b)3.**

12. Warren District's present and proposed revised tariff sheets in comparative form on the same sheet side-by-side are attached as **Exhibit 4** to this Application. **Section 16(1)(b)4.**

13. In accordance with 807 KAR 5:001, Section 17(2)(b), Warren District will publish notice of its filing of this Application weekly for three (3) consecutive weeks in a prominent manner in a newspaper of general circulation in the county in which it provides retail water service. The first such notice was published in the July 30, 2024 edition of the *Bowling Green Daily News*, the newspaper of general circulation in Warren District's territory. A copy of this notice is attached to this Application as **Exhibit 5**. As of the filing of this Application, a copy of this notice was posted in Warren District's office at 523 U.S. 31-W Bypass, Bowling Green, KY 42101, and on its website and Facebook page. These notices will remain posted until the conclusion of this proceeding. **Section 16(1)(b)5; Section 17(1) and (2).**

14. Pursuant to 807 KAR 5:001, Section 16(2), Warren District filed with the Commission on June 20, 2024, notice of its intent to file an application for general rate adjustment. A copy of this notice was served by electronic mail

on the Office of the Attorney General (“OAG”). This notice and evidence of service upon the OAG are attached as **Exhibit 6** to this Application. **Section 16(2)**.

15. A complete description and quantified explanation of all adjustments that Warren District proposes to make to test period expenses is found in **Exhibit 7** to this Application. **Section 16(4)(a)**.

16. Warren District supports its Application for rate adjustment with the verified testimonies and exhibits of Ross Guffey, a professional engineer with HDR Engineering, Inc.; Jacob Cuarta, Warren District’s General Manager; and Jeff Peeples, Warren District’s Manager of Finance and Administration. Their verified testimonies are attached as **Exhibit 8**. **Section 16(4)(b)**.

17. Based upon pro forma test period sales, the proposed rates will produce total revenues of \$6,997,018 from sewer service sales, an increase of \$852,762 over the revenues produced from the current rates. The proposed rates will produce a 13.88 percent overall increase in revenue. The effect on utility revenue of each proposed rate is shown at **Exhibit 9** of this Application. **Section 16(4)(d)**.

18. The effect upon the average bill for each customer classification subject to Warren District’s proposed rates is shown at **Exhibit 10** of this Application. **Section 16(4)(e)**.

19. A detailed analysis of Warren District’s customer bills showing the revenues that are produced by Warren District’s present rates and those produced by the proposed rates is attached as **Exhibit 9** to this Application. **Section 16(4)(g).**

20. A summary of Warren District’s revenue requirements using a three-year average of its debt service requirements and a 20 percent debt service coverage requirement is shown at **Exhibit 11** of this Application. **Section 16(4)(e).**

21. As neither Warren District’s rate base nor capital was used to determine Warren District’s revenue requirements, no reconciliation of rate base and capital exists and the requirement for such reconciliation is not applicable to this Application. Warren District is a water district organized pursuant to KRS Chapter 74. Kentucky courts have found that neither rate base nor capital is employed to determine the reasonableness of a water district’s proposed revenue requirement.<sup>7</sup> The Commission has frequently acknowledged that the debt

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<sup>7</sup> See *Public Service Commission v. Dewitt Water District*, 720 S.W.2d 725, 731 (Ky. 1986) (“It is important to remember that this case involves water districts which are nonprofit utilities organized under Chapter 74 of the Kentucky Revised Statutes. The owners and consuming ratepayers are essentially the same individuals because the districts are political subdivisions of county government. They have no private capital and no corporate investors who must be satisfied as to traditional profits. **Their rates do not generate a return on rate base. The water districts are permitted to earn net revenues based on a debt service formula or on an operating ratio computed in accordance with a percentage of operating expenses.**”) (emphasis added).

service coverage method is the methodology used to determine a water district's revenue requirement. **Section 16(4)(i)**.

22. Warren District's chart of accounts is attached as **Exhibit 12** to this Application. **Section 16(4)(j)**.

23. A copy of the most recent independent auditor's report on Warren District's financial statements, including written communication from the independent auditor regarding the existence of any material weaknesses, is attached as **Exhibit 13** to this Application. **Section 16(4)(k)**.

24. No depreciation study was prepared to support this Application. "Traditional depreciation studies analyze a utility's historic plant addition and retirement information to determine anticipated service lives."<sup>8</sup> Like most of the Commonwealth's water districts, Warren District lacks sufficient plant addition and retirement information to perform a reliable analysis.<sup>9</sup> Consistent with the Commission's current practice regarding the establishment of depreciation rates,<sup>10</sup> Warren District has instead relied upon the National Association of

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<sup>8</sup> *Application of Northern Kentucky Water District for Approval of Depreciation Study*, Case No. 2006-00398, Order at 1-2 (Ky. PSC Nov. 21, 2007).

<sup>9</sup> *Id.* at 3 ("Due to the detailed information and expense required to perform a traditional depreciation study using generally accepted practices, no water district operating under the Commission's jurisdiction has ever filed such a study for Commission review.").

<sup>10</sup> *See, e.g., Electronic Application of Bluegrass Water Utility Operating Company, LLC for an Adjustment of Rates and Approval of Construction*, Case No. 2020-00290, Order at 32 (Ky. PSC Aug. 2, 2021) ("To evaluate the reasonableness of the depreciation practices of small water and sewer utilities, the Commission has historically relied upon the report published in



Regulatory Commissioners’ *Depreciation Practices for Small Water Utilities* to determine the appropriate level of depreciation expense for ratemaking purposes. Warren District follows the depreciation rates set forth in *Depreciation Practices for Small Water Utilities*. An Excel spreadsheet listing Warren District’s assets as of December 31, 2023, those assets’ in-service date, cost, estimated service life, accumulated depreciation and depreciation for the year ending December 31, 2023, is embedded in this Application as **Exhibit 14** and is filed separately with this Application as a file named “Exhibit\_014\_DepreciationSchedule.xlsx.”

**Section 16(4)(n).**

25. A list of all commercially available computer software used to develop the schedules and workpapers for this Application is set forth at **Exhibit 15** to this Application. **Section 16(4)(o).**

26. Warren District has not made any stock offerings. As it is a water district, it cannot issue stock. Its only bond issuance is to Rural Development for which no prospectus was issued. Accordingly, no prospectuses are submitted with this Application. **Section 16(4)(p).**

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1979 by the National Association of Regulatory Utility Commissioners (NARUC) titled *Depreciation Practices for Small Water Utilities* (NARUC Study) and the *O&M Guide for the Support of Rural Water-Wastewater Systems* (O&M Guide). When no evidence exists to support a specific life that is inside or outside of the NARUC and O&M Guide ranges, the Commission has historically used the mid-point of the depreciation ranges to depreciate utility plant.”). *See also Electronic Application of Hardin County Water District No. 2 for a General Adjustment of Rates*, Case No. 2023-00247, Order 2-3 (Ky. PSC Oct. 13, 2023).

27. As Warren District is a governmental agency and a political subdivision of the Commonwealth, it has no shareholders or members, and therefore has no annual reports to shareholders or members. **Section 16(4)(q).**

28. Each managerial report provided to Warren District's Board of Commissioners for each month of the test period for its sewer operations is attached as **Exhibit 16** to this Application. **Section 16(4)(r).**

29. Warren District is not required to make and has not made any filings with the Securities and Exchange Commission. **Section 16(4)(s).**

30. Warren District provides sewer service through its Sewer Division and water service through its Water Division. It also provides management and operations services to Butler Water and Simpson District through a joint operations agreement. During the test period, the 2019 Joint Operations Agreement was in effect. This agreement expired on February 19, 2024 and has been superseded by the 2024 Joint Operations Agreement. During the test period, costs were directly assigned to division or utility receiving the service or good when direct assignment was possible. Common administrative services were assigned to each division or utility in proportion to the number of customers that the division or utility served. The Joint Operations Agreements and the Rates and Allocations Memoranda setting forth the cost sharing allocations are found at **Exhibit 17** to this Application. **Section 16(4)(t).**

31. A cost-of-service study that is based upon information regarding Warren District's test period operations and that uses a methodology the Commission has generally accepted is attached as **Exhibit 18** to this Application. **Section 16(4)(t)**.

32. A detailed income statement and balance sheet reflecting the effect of all proposed adjustments is attached as **Exhibit 19** to this Application. **Section 16(5)(a)**.

33. Warren District's capital construction budget is provided as **Exhibit 20** to this Application. **Section 16(5)(b)**.

34. Warren District is proposing pro forma adjustments to reflect plant additions occurring after the end of the test period, December 31, 2023. A detailed statement setting forth the information for proposed adjustments to plant additions required by Section 16(5)(c) is attached to this Application as **Exhibit 21**. **Section 16(5)(c)**.

35. Warren District's annual operating budgets for the years ending December 31, 2023 and December 31, 2024, the period encompassing the proposed pro forma adjustments to test period operations, are attached to this Application as **Exhibit 22**. Monthly budgets for the period from January 1, 2023 to June 30, 2024 are found in the monthly managerial reports that are set forth in **Exhibit 16** of this Application. **Section 16(5)(d)**.

36. Warren District does not propose any adjustments to test period revenues or expenses to reflect the post-test period number of customers. The number of customers added since the end of the test period and the related revenue requirement impact as a result of these customers is shown at **Exhibit 23** of this Application. **Section 16(5)(e)**.

**Compliance with 807 KAR 5:071, Section 3(2)<sup>11</sup>**

37. In view of its status as a political subdivision of the Commonwealth of Kentucky<sup>12</sup> and longstanding Commission precedent, Warren District has sufficient financial integrity to ensure the continuity of utility service and is not required to provide a third-party beneficiary agreement guaranteeing the continuing operation of the proposed wastewater facilities or other evidence of financial integrity.<sup>13</sup> **Section 3(2)(a)**.

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<sup>11</sup> The reference appearing at the end of each paragraph addressing Warren District's compliance with these Sections refers to the appropriate section containing the filing requirement being addressed

<sup>12</sup> *Louisville Extension Water District v. Diehl Pump & Supply Co. Inc.*, 246 S.W.2d 585 (Ky.1952).

<sup>13</sup> See, e.g., *Application of Mountain Water District For An Adjustment of Water and Sewer Rates*, Case No. 2014-00342, (Ky. PSC Dec. 8, 2014); *Joint Application of Lockwood Estates and Oldham County Sanitation District for Approval of the Transfer of Wastewater Treatment Facilities Pursuant To Asset Purchase Agreement Between the Parties*, Case No. 2002-00423 (Ky. PSC Jan. 23, 2003); *The Application of Reidland Water and Sewer District for Approval of the Acquisition of Wastewater Treatment Facilities in the Green Acres Subdivision and Fieldmont Estates Subdivision*, Case No. 92-473 (Ky. PSC Dec. 18, 1992); *The Joint Application of Boone County Water and Sewer District and Public Service Utilities for the Construction of Commerce Park Package Treatment Plant*, Case No. 90-337 (Ky. PSC Apr. 24, 1991). See also KRS 278.020(4) (providing that no surety bond or guaranty for an applicant that is a water district to apply for a certificate of public convenience and necessity to construct a sewage facility).

38. A comparative income statement showing test period, per books, revenues and expenses, proforma adjustments and explanations for each adjustment is found at **Exhibit 7** to this Application. **Section 3(2)(b)**.

39. A detailed analysis of any expenses contained in the comparative income statement that represent an allocation or proration of the total expense is found at **Exhibit 7** and **Exhibit 17** of this Application. **Section 3(2)(c)**.

40. A detailed depreciation schedule of all treatment plant properties is found at **Exhibit 14** of this Application. **Section 3(2)(d)**.

41. The only service contracts into which Warren District has entered for outside services for its sewer operations are its agreements with BGMU, which are found at **Exhibit 24** of this Application. **Section 3(2)(e)**.

42. A description of Warren District's property and facilities, including a statement of the net original cost to Warren District is contained in Warren District's most recent Annual Report filed with the Public Service Commission. A copy of this Report is attached to this Application as **Exhibit 25**. **Section 3(2)(f)**.

43. A detailed customer listing showing the number of customers in each customer class and average water consumption for each class of customers is found at **Exhibit 18** of this Application. **Section 3(2)(g)**.

44. The Louisville Water Company does not provide billing and collection services to Warren District. **Section 3(2)(h).**

45. As a political subdivision of the Commonwealth of Kentucky, Warren District does not file a state or federal income tax return. **Section 3(2)(i).**

46. Except for its Joint Operations Agreement with Butler Water and Simpson District, Warren District has no corporate or business relationships with other entities. A discussion of that relationship is set forth at Paragraph 30 of this Application and the documents related to that relationship are found at **Exhibit 17** of this Application. **Section 3(2)(j).**

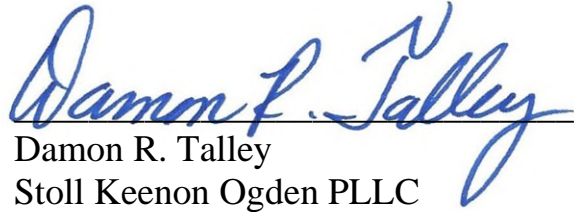
### **Requested Relief**

**WHEREFORE,** Warren District respectfully requests the Commission to enter an order:

1. Approving the revised tariff sheets for sewer service attached as **Exhibit 3** to this Application;
2. Approving rates to reflect a revenue increase of \$6,997,018 for Warren District's sewer operations; and
3. Granting all other relief to which it may be entitled.

Dated: July 31, 2024

Respectfully submitted,



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*Counsel for Warren County Water  
District*

## **CERTIFICATE OF SERVICE**

In accordance with 807 KAR 5:001, Section 8, and the Public Service Commission's Order of July 22, 2021 in Case No. 2020-00085, I certify that this document was transmitted to the Public Service Commission on July 31, 2024 and that there are currently no parties that the Public Service Commission has excused from participation by electronic means in this proceeding

  
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*Counsel for Warren County Water District*



# **EXHIBITS**

## TABLE OF EXHIBITS

Exhibit No.	Document
1	Filing Requirement Compliance
2	Resolution No. 2024-06-11- Authorizing District General Manager to File An Application with the Kentucky Public Service Commission for Authority to Adjust Sewer Water Rates
3	Revised Tariff Sheets Setting Forth Proposed Rates
4	Side-by-Side Comparison of Present and Revised Tariff Sheets
5	Notice of Filing of Application (Published Version)
6	Notice of Intent to File An Application for General Rate Adjustment Using a Historical Test Period
6A	Notice Filed with Public Service Commission
6B	Notice Served Upon the Office of Attorney General
7	Description and Explanation of Proposed Adjustments to Test Period Operations
8	Written Testimony
8A	Written Testimony of Ross Guffey, P.E., HDR Engineering, Inc.
8B	Written Testimony of Jacob Cuarta, General Manager, Warren County Water District
8C	Written Testimony of Jeff Peeples, Manager of Finance and Administration, Warren County Water District
9	Proposed Rates' Effect on Utility Revenue/Billing Analysis
10	Proposed Rates' Effect on Average Customer Bills
11	Summary of Revenue Requirements
12	Warren County Water District Chart of Accounts

<b>Exhibit No.</b>	<b>Document</b>
13	Independent Auditor's Report on Warren County Water District's Financial Statements for the period ending December 31, 2023
14	Depreciation Schedule for Assets in Service as of December 31, 2023
15	Commercially Available Computer Software Used To Develop Application
16	Monthly Managerial Reports Provided to Warren County Water District Board of Commissioners During the Test Period
17	Cost Allocation Methodology
17A	2019 Joint Operations Agreement
17B	2024 Joint Operations Agreement
17C	Rates and Allocations Memo (January 24, 2023)
17D	Rates and Allocations Memo (January 11, 2024)
18	Cost-of-Service Study
19	Income Statement and Balance Sheet Showing the Effects of Proposed Adjustments
19A	Income Statement
19B	Balance Sheet
20	Capital Construction Budget
21	Adjustments for Plant Additions
22	Warren County Water District Annual Operating Budgets
22A	Operating Budget for Calendar Year 2023
22B	Operating Budget for Calendar Year 2024

<b>Exhibit No.</b>	<b>Document</b>
23	Post-Test Period Customers and Their Effect on Revenues and Expenses
24	Agreements with Bowling Green Municipal Utilities for Sewage Disposal
24A	Agreement dated June 22, 2004
24B	Supplemental Agreement dated December 4, 2018
25	Annual Report to Public Service Commission for Year Ended December 31, 2023 (Sewer Operations) and Attached Supplemental Documents

# **EXHIBIT 1**

## FILING REQUIREMENTS LIST

Source/Authority	Requirement	Location
KRS 278.180	30 Days' notice of proposed rates	<a href="#">Page 5, Para 11; Exhibit 3</a>
807 KAR 5:001, Section 4(3)	Application signed submitting party or attorney	<a href="#">Page 15</a>
	Name, address, telephone number, fax number, and e-mail address of party or party's attorney	<a href="#">Page 2, Para 2; Page 15</a>
807 KAR 5:001, §14(1)	Applicant's full name, mailing address, and electronic mail address	<a href="#">Page 1, Para 1</a>
	Facts on which the application is based	<a href="#">Page 4, Para 9</a>
	Specify relief sought	<a href="#">Page 14</a>
	Reference to the particular law requiring or providing for the information	Page 1 <a href="#">(Introductory Para)</a>
807 KAR 5:001, §14(2)	<b>(If applicant is a corporation:)</b> Identify state of incorporation and date of incorporation, statement it is currently in good standing in the state if incorporation; (if not a Kentucky corporation) statement it is authorized to transact business in Kentucky <b>(If applicant is not a corporation:)</b> Statement Applicant is not a corporation	<a href="#">Page 2, Para 3</a>
807 KAR 5:001, §14(3)	<b>(If applicant is a limited liability company:)</b> the state in which organized and date organized; statement that it is in good standing in the state of organization; if not a Kentucky LLC, statement it is authorized to transact business in Kentucky <b>(If applicant is not an LLC:)</b> Statement Applicant is not an LLC	<a href="#">Page 2, Para 3</a>
807 KAR 5:001, §14(4)	<b>(If the applicant is a limited partnership:)</b> a certified copy of limited partnership agreement and all amendments or a written statement attesting that its partnership agreement and all amendments have been filed with the commission in a prior proceeding - reference case number; <b>(If applicant is not a limited partnership:)</b> Statement Applicant is not a limited partnership	<a href="#">Page 2, Para 3</a>
	A statement why the adjustment is required	<a href="#">Page 4, Para 9</a>
	Certified copy of a certificate of assumed name as required by KRS 365.015 or a statement that a certificate is not necessary	<a href="#">Page 4, Para 10</a>
807 KAR 5:001, §16(1)(b)	New or revised tariff sheets, if applicable in a format that complies with 807 KAR 5:011 with an effective date not less than 30 days after date of filing of application	<a href="#">Page 5, Para 12</a> <a href="#">Exhibit 3</a>
	New or revised tariff sheets, if applicable, identified in compliance with 807 KAR 5:011, shown either by providing: The present and proposed tariffs in comparative form on the same sheet side by side or on facing sheets side by side; or b. A copy of the present tariff indicating proposed additions by italicized inserts or underscoring and striking over proposed deletions	<a href="#">Page 5, Para 13</a> <a href="#">Exhibit 4</a>
	Statement that notice given IAW 807 KAR 5:001, §17	<a href="#">Page 5, Para 12</a>
807 KAR 5:001, §16(2)	<b>Notice of Intent.</b> Filed with PSC between 30 and 60 days prior to filing of application; copy mailed or e-mailed to Attorney General; states type of test period to support application	<a href="#">Page 6, Para 14</a> <a href="#">Exhibit 6A</a> <a href="#">Exhibit 6B</a>
807 KAR 5:001, §16(4)(a)	A complete description and quantified explanation for all proposed adjustments with proper support for proposed changes in price or activity levels, if applicable, and other factors that may affect the adjustment	<a href="#">Page 6, Para 15</a> <a href="#">Exhibit 7</a>

Source/Authority	Requirement	Location
807 KAR 5:001, §16(4)(b)	<b>(If gross revenues greater than \$5,000,000)</b> Written testimony of each witness to be used to support application	<a href="#">Page 6, Para 16</a> <a href="#">Exhibit 8A</a> <a href="#">Exhibit 8B</a> <a href="#">Exhibit 8C</a>
807 KAR 5:001, §16(4)(c)	<b>(If gross revenues less than \$5,000,000)</b> Written testimony of each witness to be used to support application or statement that no written testimony will be submitted	Not Applicable
807 KAR 5:001, §16(4)(d)	A statement estimating the effect that each new rate will have upon the revenues of the utility including the total amount of revenues resulting from the increase or decrease and the percentage of the increase or decrease	<a href="#">Page 6, Para 17</a> <a href="#">Exhibit 9</a>
807 KAR 5:001, §16(4)(e)	<b>(Non-telephone utilities)</b> The effect upon the average bill for each customer classification to which the proposed rate change will apply	<a href="#">Page 6, Para 18</a> <a href="#">Exhibit 10</a>
807 KAR 5:001, §16(4)(f)	<b>(Incumbent local exchange company)</b> Effect upon the average bill for each customer class for change in basic local service	Not Applicable
807 KAR 5:001, §16(4)(g)	A detailed analysis of customers' bills whereby revenues from the present and proposed rates can be readily determined for each customer class	<a href="#">Page 7, Para 19</a> <a href="#">Exhibit 9</a>
807 KAR 5:001, §16(4)(h)	A summary of applicant's determination of revenue requirements based on debt service coverage or operating ratios with supporting schedules	<a href="#">Page 7, Para 20</a> <a href="#">Exhibit 11</a>
807 KAR 5:001, §16(4)(i)	<b>(Investor-Owned Utilities)</b> A reconciliation of the rate base and capital used to determine revenue requirements <b>(Not applicable to water districts)</b>	Not Applicable <a href="#">Page 7, Para 21</a>
807 KAR 5:001, §16(4)(j)	A current chart of accounts if more detailed than the Uniform System of Accounts	<a href="#">Page 8, Para 22</a> <a href="#">Exhibit 12</a>
807 KAR 5:001, §16(4)(k)	The independent auditor's annual opinion report, with written communication from the independent auditor to the utility, if applicable, which indicates the existence of a material weakness in the utility's internal controls	<a href="#">Page 8, Para 23</a> <a href="#">Exhibit 13</a>
807 KAR 5:001, §16(4)(l)	Most recent FERC or FCC audit reports	Not Applicable
807 KAR 5:001, §16(4)(m)	Most recent FERC Form 1 (electric), FERC Form 2 (gas), or PSC Form T (telephone)	Not Applicable
807 KAR 5:001, §16(4)(n)	Depreciation Study - A summary of the utility's latest depreciation study with schedules by major plant accounts) – Statement that NARUC Service Lives with exceptions are used as alternative	<a href="#">Pages 8-9, Para 24</a> <a href="#">Exhibit 14</a>
807 KAR 5:001, §16(4)(o)	A list of all commercially available or in-house developed computer software, programs, and models used to develop application's schedules and work papers	<a href="#">Page 9, Para 25</a> <a href="#">Exhibit 15</a>
	List each software, program, or model	
	Describe use of software, program, or model	
	List Supplier of software, program, or model	
	Brief description of software, program, or model	
807 KAR 5:001, §16(4)(p)	Specifications for the computer hardware & operating system required to run program	
807 KAR 5:001, §16(4)(p)	Prospectuses of the most recent stock or bond offerings	Not Applicable <a href="#">Page 9, Para 26</a>
807 KAR 5:001, §16(4)(q)	Annual report to shareholders or members and statistical supplements covering the 2 most recent years from application filing date	Not Applicable <a href="#">Page 10, Para 28</a>
807 KAR 5:001, §16(4)(r)	Monthly managerial reports providing financial results of operations for the 12 months in the test period	<a href="#">Page 10, Para 27</a> <a href="#">Exhibit 16</a>

Source/Authority	Requirement	Location
807 KAR 5:001, §16(4)(s)	SEC's annual report (Form 10-K) for most recent 2 years, any Form 8-Ks issued within past 2 years, and Form 10-Qs issued during the past 6 quarters updated as current information becomes available	Not Applicable <a href="#">Page 10, Para 29</a>
807 KAR 5:001, §16(4)(t)	Report of affiliated transactions: Must include - Detailed description of the method and amounts allocated or charged to the utility by the affiliate for each charge allocation or payment; - Explanation of how the allocator for the test period was determined - All facts to demonstrate that each amount charged, allocated, or paid during the test period was reasonable	<a href="#">Page 10, Para 30</a> <a href="#">Exhibit 17A</a> <a href="#">Exhibit 17B</a> <a href="#">Exhibit 17C</a> <a href="#">Exhibit 17D</a>
807 KAR 5:001, §16(4)(u)	<b>(Non-telephone utility with annual gross revenues greater than \$5,000,000)</b> Cost of service study based on a methodology generally accepted within the industry and based on current and reliable data from a single time period	<a href="#">Page 11, Para 31</a> <a href="#">Exhibit 18</a>
807 KAR 5:001, §16(4)(v)	<b>(Applicable only to local exchange carriers with more than 50,000 access lines)</b> Jurisdictional separations study consistent with 47 C.F.R. Part 36 of the FCC Regulations; Service specific cost studies supporting pricing of all services that generate annual revenue greater than \$1,000,000 except local exchange access based on current and reliable data from a single time period; and using generally recognized fully allocated, embedded, or incremental cost principles	Not Applicable
807 KAR 5:001, §16(5)(a)	A detailed income statement and balance sheet reflecting the impact of all proposed adjustments	<a href="#">Page 11, Para 32</a> <a href="#">Exhibit 19A</a> <a href="#">Exhibit 19B</a>
807 KAR 5:001, §16(5)(b)	The most recent capital construction budget containing at least the period of time as proposed for any pro forma adjustment for plant additions	<a href="#">Page 11, Para 33</a> <a href="#">Exhibit 20</a>
807 KAR 5:001, §16(5)(c)	If pro forma adjustment for plant addition proposed: - Starting date of the construction - Proposed in-service date - Total estimated cost of construction at completion - Amount contained in construction work in progress test period end - Schedule containing a complete description of actual plant retirements and anticipated plant retirements related to the pro forma plant additions including the actual or anticipated date of retirement - Original cost and cost of removal and salvage for each component of plant to be retired during period of proposed pro forma adjustment for plant additions; - Explanation of differences, if applicable, in the amounts contained in the capital construction budget and the amounts of capital construction cost contained in the pro forma adjustment period - Impact on depreciation expense of all proposed pro forma adjustments for plant additions and retirements	<a href="#">Page 11, Para 34</a> <a href="#">Exhibit 21</a>
807 KAR 5:001, §16(5)(d)	The operating budget for each month of the period encompassing the pro forma adjustments	<a href="#">Pages 11-12, Para 35</a> <a href="#">Exhibit 16</a> <a href="#">Exhibit 22A</a> <a href="#">Exhibit 22B</a>



<b>Source/Authority</b>	<b>Requirement</b>	<b>Location</b>
807 KAR 5:001, §16(5)(e)	The number of customers to be added to the test period end level of customers and the related revenue requirements impact for all pro forma adjustments with complete details and supporting work papers	<a href="#">Page 12, Para 36</a> <a href="#">Exhibit 23</a>
807 KAR 5:001, §17(1)	Notice must be posted in place of business no later than date of submission of application	<a href="#">Page 5, Para 13</a>
	Notice must be posted on website and social media within 5 business days of submission of application and must include hyperlink to case docket page	
	Notices are not removed until final decision on application	
807 KAR 5:001, §17(2)	Notice mailed to each customer no later than date of submission of application	<a href="#">Page 5, Para 13</a>
	Notice published in newspaper of general circulation in service area with 1st publication no later than date of submission of application	<a href="#">Page 5, Para 13</a>
807 KAR 5:001, §17(3)	Proof of Notice submitted within 45 days of submission of application	Will Be Submitted within Specified Time
807 KAR 5:001, §17(4)	Notice content	<a href="#">Exhibit 5</a>
807 KAR 5:071, §3(2)(a)	Valid third-party beneficiary agreement guaranteeing the continued operation of the sewage treatment facilities or other evidence of financial integrity to insure the continuity of sewage service	<a href="#">Page 12, Para 37</a>
807 KAR 5:071, §3(2)(b)	Comparative income showing test period revenues and expenses, pro forma adjustments and explanation for each adjustment	<a href="#">Page 13, Para 38;</a> <a href="#">Exhibit 7</a>
807 KAR 5:071, §3(2)(c)	A detailed analysis of any expenses contained in the comparative income statement which represent an allocation or proration of the total expense	<a href="#">Page 13, Para 39;</a> <a href="#">Exhibit 7</a> <a href="#">Exhibit 17</a>
807 KAR 5:071, §3(2)(d)	Detailed depreciation schedule of all treatment plant properties and facilities	<a href="#">Page 13, Para 40;</a> <a href="#">Exhibit 14</a>
807 KAR 5:071, §3(2)(e)	Copies of all service contracts entered into by the utility for outside services	<a href="#">Page 13, Para 42;</a> <a href="#">Exhibit 25</a>
807 KAR 5:071, §3(2)(f)	A description of the applicant's property and facilities, including a statement of the net original cost (estimate if not known), the cost thereof to the applicant, and a current breakdown of contributed and noncontributed property and facilities owned by the applicant	<a href="#">Page 13, Para 42;</a> <a href="#">Exhibit 25</a>
807 KAR 5:071, §3(2)(g)	A detailed customer listing showing number of customers in each customer class and average water consumption for each class of customers	<a href="#">Page 13, Para 43;</a> <a href="#">Exhibit 18</a>
807 KAR 5:071, §3(2)(h)	If Louisville Water Company provides billing and collection services, remittance advices from the Louisville Water Company showing revenues and collection charges	Not Applicable <a href="#">Page 14, Para 44</a>
807 KAR 5:071, §3(2)(i)	Applicant's latest federal and state tax returns	Not Applicable <a href="#">Page 14, Para 45</a>
807 KAR 5:071, §3(2)(j)	Full and complete explanation of corporate or business relationships between the applicant and a parent or brother-sister corporation, subsidiaries, a development corporation, or any other party or business	<a href="#">Page 14, Para 46</a>

# **EXHIBIT 2**

**RESOLUTION NO. 2024-06-11**

**RESOLUTION OF THE WARREN COUNTY WATER DISTRICT  
AUTHORIZING THE DISTRICT'S GENERAL MANAGER TO FILE AN  
APPLICATION WITH THE KENTUCKY PUBLIC SERVICE  
COMMISSION FOR AUTHORITY TO ADJUST RETAIL SEWER RATES**

**WHEREAS**, Warren County Water District ("Warren District") is a water district organized under KRS Chapter 74;

**WHEREAS**, Warren County Water District owns and operates sewer collection and conveyance facilities;

**WHEREAS**, the Kentucky Public Service Commission (the "Commission") in its March 24, 2021 Order in Case No. 2021-00007 ordered Warren District to file an Application for an adjustment of rates, and clarified in its March 15, 2024 Order in Case No. 2021-00007 that its Order applied to sewer rates as well as water rates;

**WHEREAS**, prudent financial management dictates that Warren District periodically review whether its current rate structure is generating sufficient revenues to enable it to remain in a sound financial condition;

**WHEREAS**, the most recent review by Warren District revealed that it needs to substantially increase its revenues to keep pace with the escalating costs of materials, labor, health insurance, and other operating costs;

**WHEREAS**, Warren District engaged the services of HDR Engineering,

Inc. (“HDR”) to perform a rate study;

**WHEREAS**, HDR has completed its rate study and has recommended a revised retail sewer rate schedule applicable to all retail sewer customers;

**WHEREAS**, Warren District has reviewed the rate study prepared by HDR, has reviewed the recommendations made by HDR, and now desires to implement the rates recommended by HDR; and

**WHEREAS**, KRS 278.180 requires Warren District to submit a formal application for a rate adjustment to the Commission before it can implement a rate adjustment.

**NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE WARREN COUNTY WATER DISTRICT AS FOLLOWS:**

**Section 1.** The facts, recitals, and statements contained in the foregoing preamble of this Resolution are true and correct and are hereby affirmed and incorporated as a part of this Resolution.

**Section 2.** The General Manager is hereby authorized and directed to execute and file an application with the Commission, pursuant to 807 KAR 5:001, for authority to adjust Warren District’s rates for retail sewer service to those set forth in **Exhibit A** to this Resolution.

**Section 3.** The Chairman, General Manager, all appropriate staff, and Warren District's attorney are hereby further authorized and directed to take any and all other actions and to execute and deliver any and all other documents as may be reasonably necessary to obtain a general adjustment of its rates for retail sewer service.

**Section 4.** This Resolution shall take effect upon its adoption.


**Adopted by the Board of Commissioners of the Warren County Water District at a meeting held on June 26, 2024, signed by the Chairman, and attested by the Secretary.**

**WARREN COUNTY WATER DISTRICT**

By: \_\_\_\_\_

  
**Thomas A. Donnelly Chairman**

**ATTEST:**

  
\_\_\_\_\_  
**R. Harvey Johnston, III, Secretary**

## CERTIFICATION

The undersigned Secretary of Warren County Water District ("Warren District") does hereby certify that the foregoing is a true copy of a Resolution duly adopted by the Warren District's Board of Commissioners at a meeting properly held on June 26, 2024, signed by the Chairman of the Board of Commissioners, attested by the Secretary of the Board of Commissioners, and now in full force and effect.

WITNESS my hand this 26th day of June 2024.



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**R. Harvey Johnston, III, Secretary**

**EXHIBIT A**

**EXHIBIT TO A RESOLUTION OF THE BOARD OF COMMISSIONERS  
OF WARREN COUNTY WATER DISTRICT DATED JUNE 26, 2024**

**Proposed Sewer Service Rates  
Entire Service Area**

**5/8 x 3/4-Inch Meter**

First 2,000 Gallons	\$13.49 (Minimum Bill)
Next 8,000 Gallons	0.00584 Per Gallon
Next 90,000 Gallons	0.00459 Per Gallon
Next 900,000 Gallons	0.00425 Per Gallon
Over 1,000,000 Gallons	0.00385 Per Gallon

The minimum bill shown above applies to the 5/8 x 3/4-Inch meter only.  
The minimum bills below apply to all other meter sizes.

<b>Meter Size</b>	<b>Minimum Bill</b>		
1-Inch	\$ 31.01	Includes the first	5,000 Gallons
1 1/2-Inch	\$ 60.21	Includes the first	10,000 Gallons
2-Inch	\$ 106.11	Includes the first	20,000 Gallons
3-Inch	\$ 152.01	Includes the first	30,000 Gallons
4-Inch	\$ 243.81	Includes the first	50,000 Gallons
6-Inch	\$ 473.31	Includes the first	100,000 Gallons
8-Inch	\$ 685.81	Includes the first	150,000 Gallons
10-Inch or Larger	\$1,110.81	Includes the first	250,000 Gallons

The rates for usage in excess of the minimum amount are the same regardless of meter size.

# **EXHIBIT 3**



AREA Entire Service Area

PSC KY NO. 2

6th Revised SHEET NO. 5

Warren County Water District

CANCELLING PSC KY NO. 2

5th Revised SHEET NO. 5

**RATES AND CHARGES**

**A. MONTHLY RATES\***

**1. General Service**

5/8 x 3/4-Inch Meter

First 2,000 Gallons	\$13.49 Minimum Bill*	(I)
Next 8,000 Gallons	0.00584 Per Gallon	(I)(N)
Next 90,000 Gallons	0.00459 Per Gallon	(I)(N)
Next 900,000 Gallons	0.00425 Per Gallon	(I)(N)
Over 1,000,000 Gallons	0.00385 Per Gallon	(N)

The minimum bill shown above applies to 5/8-Inch x 3/4-Inch meters only.

The minimum bills below apply to all other meter sizes.

<u>Meter Size</u>	<u>Minimum Bill</u>			
1-Inch	\$ 31.01	Includes the first	5,000 gallons	(D)
1 1/2-Inch	\$ 60.21	Includes the first	10,000 gallons	(I)
2-Inch	\$ 106.11	Includes the first	20,000 gallons	(I)(N)
3-Inch	\$ 152.01	Includes the first	30,000 gallons	(I)
4-Inch	\$ 243.81	Includes the first	50,000 gallons	(I)
6-Inch	\$ 473.31	Includes the first	100,000 gallons	(I)
8-Inch	\$ 685.81	Includes the first	150,000 gallons	(N)
10-Inch or Larger	\$1,110.81	Includes the first	250,000 gallons	(N)

\*The rates to be charged for usage in excess of the minimum amount are the same (T)  
 regardless of meter size. These rates apply to all customer classifications and are (T)  
 subject to a 10 percent late payment charge if paid after the due date. (T)

DATE OF ISSUE July 30, 2024  
MONTH / DATE / YEAR

DATE EFFECTIVE August 31, 2024  
MONTH / DATE / YEAR

ISSUED BY /s/Jacob Cuarta  
SIGNATURE OF OFFICER

TITLE General Manager

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE  
COMMISSION IN CASE NO. \_\_\_\_\_ DATED \_\_\_\_\_

AREA Entire Service Area

PSC KY NO. 2

6th Revised SHEET NO. 6

Warren County Water District

CANCELLING PSC KY NO. 2

5th Revised SHEET NO. 6

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**RATES AND CHARGES**

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DATE OF ISSUE July 30, 2024  
MONTH / DATE / YEAR

DATE EFFECTIVE August 31, 2024  
MONTH / DATE / YEAR

ISSUED BY /s/Jacob Cuarta  
SIGNATURE OF OFFICER

TITLE General Manager

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE  
COMMISSION IN CASE NO. \_\_\_\_\_ DATED \_\_\_\_\_

# **EXHIBIT 4**

FOR Entire Service Area  
Community, Town or City

P.S.C. KY. NO. 2

5<sup>th</sup> Revised SHEET NO. 5

CANCELLING P.S.C. KY. NO. 2

4<sup>th</sup> Revised SHEET NO. 5

Warren County Water District-Sewer Division  
(Name of Utility)

**I. RATES AND CHARGES**

**A. MONTHLY RATES\***

**1. General Service Sewer Rates**

The following rates are for sewer service provided by Warren County Water District with the exception of those customers inside the city of Smiths Grove and special contract customers.

<u>5/8 x 3/4 Inch Meter</u>	\$12.25	Minimum bill*	-I-
First	2,000 gallons	.00530 per gallon	-I-
Next	6,000 gallons	.00416 per gallon	-I-
Next	12,000 gallons	.00386 per gallon	-I-
Over	100,000 gallons	.00336 per gallon	-I-

The minimum bill shown above applies only to 5/8" x 3/4" meters.  
The minimum bills listed below apply to all other meter sizes.

Meter Size	Minimum Bill		
1 inch	28.14	Includes the first	-I-
1-1/2 inch	52.17	Includes the first	-I-
2 inch	76.50	Includes the first	-I-
3 inch	129.29	Includes the first	-I-
4 inch	202.39	Includes the first	-I-
6 inch	385.14	Includes the first	-I-

DATE OF ISSUE September 2, 2022  
Month / Date / Year

DATE EFFECTIVE September 1, 2022  
Month / Date / Year

ISSUED BY /s/ Thomas A. Donnelly  
(Signature of Officer)

TITLE Chairman

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION  
IN CASE NO. 2022-00233 DATED September 2, 2022

**KENTUCKY  
PUBLIC SERVICE COMMISSION**

**Linda C. Bridwell**  
Executive Director



**EFFECTIVE  
9/1/2022**

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

AREA Entire Service Area

PSC KY NO. 2

6<sup>th</sup> Revised SHEET NO. 5

CANCELLING PSC KY NO. 2

5<sup>th</sup> Revised SHEET NO. 5

Warren County Water District

**RATES AND CHARGES**

**A. MONTHLY RATES\***

**1. General Service**

<u>5/8 x 3/4-Inch Meter</u>	(D)
First 2,000 Gallons	(I)
Next 8,000 Gallons	\$13.49 Minimum Bill*
Next 90,000 Gallons	0.00584 Per Gallon (I)(N)
Next 900,000 Gallons	0.00459 Per Gallon (I)(N)
Over 1,000,000 Gallons	0.00425 Per Gallon (I)(N)
	0.00385 Per Gallon (N)

The minimum bill shown above applies to 5/8-Inch x 3/4-Inch meters only.  
The minimum bills below apply to all other meter sizes.

Meter Size Minimum Bill

1-Inch	\$ 31.01	Includes the first	(D)
1 1/2-Inch	\$ 60.21	Includes the first	(I)
2-Inch	\$ 106.11	Includes the first	(I)(N)
3-Inch	\$ 152.01	Includes the first	(I)
4-Inch	\$ 243.81	Includes the first	(I)
6-Inch	\$ 473.31	Includes the first	(I)
8-Inch	\$ 685.81	Includes the first	(N)
10-Inch or Larger	\$1,110.81	Includes the first	(N)

\*The rates to be charged for usage in excess of the minimum amount are the same regardless of meter size. These rates apply to all customer classifications and are subject to a 10 percent late payment charge if paid after the due date.

DATE OF ISSUE July 30, 2024  
MONTH / DATE / YEAR

DATE EFFECTIVE August 31, 2024  
MONTH / DATE / YEAR

ISSUED BY /s/Jacob Cuarta  
SIGNATURE OF OFFICER

TITLE General Manager

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE  
COMMISSION IN CASE NO. \_\_\_\_\_ DATED \_\_\_\_\_

FOR Entire Service Area  
Community, Town or City

P.S.C. KY. NO. 2

5<sup>th</sup> Revised SHEET NO. 6

CANCELLING P.S.C. KY. NO. 2

4<sup>th</sup> Revised SHEET NO. 6

Warren County Water District – Sewer Division  
(Name of Utility)

**I. RATES AND CHARGES**

**2. Monthly Sewer Rates for Users Inside the City of Smiths Grove**

The following rates are for sewer service provided to customers that are inside the city of Smiths Grove with the exception of special contract customers.

<u>5/8 x 3/4 Inch Meter</u>	\$18.94	Minimum bill*	-/-
First 2,000 gallons	.00547	per gallon	-/-
Next 6,000 gallons	.00526	per gallon	-/-
Next 12,000 gallons	.00464	per gallon	-/-
Next 80,000 gallons	.00424	per gallon	-/-
Over 100,000 gallons			

The minimum bill shown above applies only to 5/8" x 3/4" meters. The minimum bills listed below apply to all other meter sizes.

Meter Size	Minimum Bill		
1 inch	35.35	Includes the first	5,000 gallons
1-1/2 inch	62.29	Includes the first	10,000 gallons
2 inch	92.84	Includes the first	16,000 gallons
3 inch	161.34	Includes the first	30,000 gallons
4 inch	254.17	Includes the first	50,000 gallons
6 inch	486.22	Includes the first	100,000 gallons

\* The rates to be charged for usage in excess of the minimum amount are the same regardless of meter size. These rates apply to all customer classifications and are subject to a 10 percent late payment charge if paid after the due date.

DATE OF ISSUE September 2, 2022  
Month / Date / Year

DATE EFFECTIVE September 1, 2022  
Month / Date / Year

ISSUED BY /s/ Thomas A. Donnelly  
(Signature of Officer)

TITLE Chairman

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION  
 IN CASE NO. 2022-00233 DATED September 2, 2022

**KENTUCKY**  
**PUBLIC SERVICE COMMISSION**

**Linda C. Bridwell**  
 Executive Director

EFFECTIVE  
**9/1/2022**

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

AREA Entire Service Area

PSC KY NO. 2

6<sup>th</sup> Revised SHEET NO. 6

CANCELLING PSC KY NO. 2

5<sup>th</sup> Revised SHEET NO. 6

Warren County Water District

**RATES AND CHARGES**

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DATE OF ISSUE July 30, 2024  
MONTH / DATE / YEAR

DATE EFFECTIVE August 31, 2024  
MONTH / DATE / YEAR

ISSUED BY /s/Jacob Cuarta  
SIGNATURE OF OFFICER

TITLE General Manager

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE  
 COMMISSION IN CASE NO. \_\_\_\_\_ DATED \_\_\_\_\_

# **EXHIBIT 5**

## CUSTOMER NOTICE SEWER RATE ADJUSTMENT

On or about July 30, 2024, Warren County Water District (“the District”) will file an application with the Kentucky Public Service Commission for the purpose of adjusting its monthly rates for **sewer** service. The District proposes to place the proposed rates into effect on August 31, 2024.

The current rates and the proposed rates for the District’s sewer service customers, with the exception of those customers inside the City of Smiths Grove, are set forth as follows:

	Present Rate	Proposed Rate	Change (\$)	Change (%)
<b>5/8-Inch x 3/4-Inch Meter</b>				
<b>First 2,000 gallons</b>	\$12.25 Minimum	\$13.49 Minimum	\$1.24 per month	10.12%
<b>Next 6,000 gallons</b>	\$0.00530 per gal	\$0.00584 per gal	\$0.00054 per gal	10.19%
<b>Next 2,000 gallons</b>	\$0.00416 per gal		\$0.00168 per gal	40.38%
<b>Next 10,000 gallons</b>			\$0.00043 per gal	10.34%
<b>Next 80,000 gallons</b>	\$0.00386 per gal	\$0.00459 per gal	\$0.00073 per gal	18.91%
<b>Next 900,000 gallons</b>	\$0.00336 per gal	\$0.00425 per gal	\$0.00089 per gal	26.49%
<b>Over 1,000,000 gallons</b>	\$0.00336 per gal	\$0.00385 per gal	\$0.00049 per gal	14.58%

The Minimum amount shown in the Table above only applies to the 5/8 X 3/4-Inch meters. The volumetric rates shown in the Table above apply to all sewer service in excess of the Minimum amount regardless of meter size. The Minimum amounts for larger meter sizes are shown in the Table below.

Meter Size	Present Rate		Proposed Rate		Change (\$)	Change (%)
	Minimum Bill	Usage Gallons	Minimum Bill	Usage Gallons		
<b>1-Inch</b>	\$ 28.14	5,000	\$ 31.01	5,000	\$ 2.87	10.20%
<b>1 1/2-Inch</b>	\$ 52.17	10,000	\$ 60.21	10,000	\$ 8.04	15.41%
<b>2-Inch</b>	\$ 76.50	16,000	\$ 106.11	20,000	\$ 29.61	38.71%
<b>3-Inch</b>	\$129.29	30,000	\$ 152.01	30,000	\$ 22.72	17.57%
<b>4-Inch</b>	\$202.39	50,000	\$ 243.81	50,000	\$ 41.42	20.47%
<b>6-Inch</b>	\$385.14	100,000	\$ 473.31	100,000	\$ 88.17	22.89%
<b>8-Inch</b>	\$385.14	100,000	\$ 685.81	150,000	\$300.67	78.07%
<b>10-Inch or Larger</b>	\$385.14	100,000	\$1,110.81	250,000	\$725.67	188.42%

If the Public Service Commission approves the proposed sewer rates, the increase in a customer’s monthly bill will be:

Customer	Average Usage (gals)	Monthly Bill at Current Rate	Monthly Bill at Proposed Rate	Monthly Bill Increase (\$)	Monthly Bill Increase (%)
5/8 x 3/4-Inch Meter	4,062	\$ 23.18	\$ 25.53	\$ 2.35	10.15
1-Inch Meter	31,144	\$ 136.98	\$ 157.26	\$ 20.28	14.81
1 1/2-Inch Meter	45,024	\$ 190.36	\$ 220.97	\$ 30.61	16.08
2-Inch Meter	336,821	\$ 1,197.66	\$ 1,479.80	\$ 282.14	23.56
3-Inch Meter	447,012	\$ 1,565.45	\$ 1,948.11	\$ 382.66	24.44
4-Inch Meter	1,125,776	\$ 3,842.00	\$ 4,782.55	\$ 940.55	24.48
6-Inch Meter	8,405,833	\$28,292.74	\$32,810.77	\$4,518.03	15.97
8-Inch Meter	NA	NA	NA	NA	NA
10-Inch Meter or Larger	NA	NA	NA	NA	NA

## Smiths Grove

The current rates and the proposed rates for the District's sewer service customers inside the City of Smiths Grove are set forth as follows:

	Present Rate	Proposed Rate	Change (\$)	Change (%)
<b>5/8-Inch x 3/4-Inch Meter</b>				
<b>First 2,000 gallons</b>	\$18.94 Minimum	\$13.49 Minimum	-\$5.45 per month	-28.78%
<b>Next 6,000 gallons</b>	\$0.00547 per gal	\$0.00584 per gal	\$0.00037 per gal	6.76%
<b>Next 2,000 gallons</b>	\$0.00526 per gal		\$0.00058 per gal	11.02%
<b>Next 10,000 gallons</b>		\$0.00459 per gal	-\$0.00067 per gal	-12.74%
<b>Next 80,000 gallons</b>	\$0.00464 per gal		-\$0.00005 per gal	-1.08%
<b>Next 900,000 gallons</b>	\$0.00424 per gal	\$0.00425 per gal	\$0.00001 per gal	0.24%
<b>Over 1,000,000 gallons</b>	\$0.00424 per gal	\$0.00385 per gal	-\$0.00039 per gal	-9.20%

The Minimum amount shown in the Table above only applies to the 5/8 X 3/4-Inch meters. The volumetric rates shown in the Table above apply to all sewer service in excess of the Minimum amount regardless of meter size. The Minimum amounts for larger meter sizes are shown in the Table below.

Meter Size	Present Rate		Proposed Rate		Change (\$)	Change (%)
	Minimum Bill	Usage Gallons	Minimum Bill	Usage Gallons		
<b>1-Inch</b>	\$ 35.35	5,000	\$ 31.01	5,000	-\$ 4.34	-12.28%
<b>1 1/2-Inch</b>	\$ 62.29	10,000	\$ 60.21	10,000	-\$ 2.08	- 3.34%
<b>2-Inch</b>	\$ 92.84	16,000	\$ 106.11	20,000	\$ 13.27	14.29%
<b>3-Inch</b>	\$161.34	30,000	\$ 152.01	30,000	-\$ 9.33	- 5.78%
<b>4-Inch</b>	\$254.17	50,000	\$ 243.81	50,000	-\$ 10.36	- 4.08%
<b>6-Inch</b>	\$486.22	100,000	\$ 473.31	100,000	-\$ 12.91	-02.66%
<b>8-Inch</b>	\$486.22	100,000	\$ 685.81	150,000	\$199.59	41.05%
<b>10-Inch or Larger</b>	\$486.22	100,000	\$1,110.81	250,000	\$624.59	128.46%



If the Public Service Commission approves the proposed sewer rates, the increase in a Smiths Grove customer's monthly bill will be:

<b>Customer</b>	<b>Average Usage (gals)</b>	<b>Monthly Bill at Current Rate</b>	<b>Monthly Bill at Proposed Rate</b>	<b>Monthly Bill Increase (\$)</b>	<b>Monthly Bill Increase (%)</b>
5/8 x 3/4-Inch Meter	3,364	\$ 26.40	\$ 21.46	-\$ 4.95	-18.73
1-Inch Meter	12,256	\$ 74.15	\$ 70.57	-\$ 3.58	-4.83
1 1/2-Inch Meter	NA	NA	NA	NA	NA
2-Inch Meter	25,799	\$140.79	\$132.73	-\$ 8.06	-5.72
3-Inch Meter	NA	NA	NA	NA	NA
4-Inch Meter	NA	NA	NA	NA	NA
6-Inch Meter	NA	NA	NA	NA	NA
8-Inch Meter	NA	NA	NA	NA	NA
10-Inch Meter or Larger	NA	NA	NA	NA	NA

The Kentucky Public Service Commission has established Case No. 2024-00201 to review the District's application. Any person may examine the application at the District's office, 523 U.S. 31W Bypass, Bowling Green, Kentucky or at the Kentucky Public Service Commission's offices at 211 Sower Boulevard, Frankfort, Kentucky, Monday through Friday, 8:00 a.m. to 4:30 p.m., or through the Public Service Commission's Web site at <https://psc.ky.gov/Case/ViewCaseFilings/2024-00201>.

Comments regarding the application may be submitted to the Kentucky Public Service Commission through the Commission's Web Site at <https://psc.ky.gov/Case/PublicComments/2024-00201> or by e-mail to [psced@ky.gov](mailto:psced@ky.gov) or by mail to the Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602.

The rates contained in this notice are the District's proposed rates. However, the Kentucky Public Service Commission may order rates to be charged that differ from the proposed rates. Such action may result in rates for consumers other than the rates in this notice.

A person may submit a timely written request for intervention to the Kentucky Public Service Commission, P.O. Box 615, Frankfort, Kentucky 40602, or by email to [psced@ky.gov](mailto:psced@ky.gov) establishing the grounds for the request including the person's status and interest. If the Kentucky Public Service Commission does not receive a written request for intervention within thirty (30) days of the initial publication of notice, it may take final action on the proposed rates.

Warren County Water District  
 First Publication Date: July 30, 2024

# **EXHIBIT 6**

# **EXHIBIT 6A**

**COMMONWEALTH OF KENTUCKY**

**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

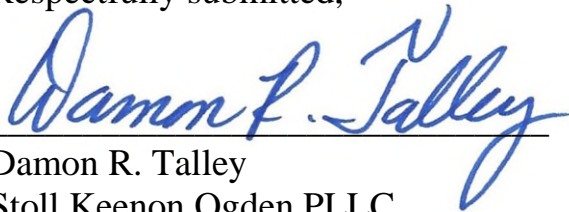
**ELECTRONIC APPLICATION OF )  
WARREN COUNTY WATER DISTRICT ) CASE NO. 2024-00201  
FOR AN ADJUSTMENT OF RATES )  
FOR SEWER SERVICE )**

**NOTICE OF INTENT TO FILE AN APPLICATION  
FOR RATE ADJUSTMENT**

Pursuant to 807 KAR 5:001, Section 16(2), Warren County Water District gives notice to the Public Service Commission that, on or about July 31, 2024, it will file an application for a general adjustment of its sewer service rates supported by a historical test period.

Dated: June 20, 2024

Respectfully submitted,



Damon R. Talley  
Stoll Keenon Ogden PLLC  
P.O. Box 150  
Hodgenville, KY 42748-0150  
Telephone: (270) 358-3187  
Fax: (270) 358-9560  
damon.talley@skofirm.com

Gerald E. Wuetcher  
Stoll Keenon Ogden PLLC  
300 West Vine Street, Suite 2100  
Lexington, Kentucky 40507-1801  
Telephone: (859) 231-3017  
Fax: (859) 259-3597  
gerald.wuetcher@skofirm.com

*Counsel for Warren County Water District*

## CERTIFICATE OF SERVICE

In accordance with 807 KAR 5:001, Section 8, I certify that this document was submitted electronically to the Public Service Commission on June 20, 2024, and that there are currently no parties that the Public Service Commission has excused from participation by electronic means in this proceeding. I further certify that a copy of this notice has been served by e-mail on June 20, 2024, to John Horne, Executive Director, Office of Rate Intervention, Office of Attorney General at john.horne@ky.gov and to the Office of Rate Intervention, Office of Attorney General at rateintervention@ky.gov and rateintervention@ag.ky.gov.

  
\_\_\_\_\_  
Damon R. Talley

# **EXHIBIT 6B**

## Gerald Wuetcher

---

**From:** Gerald Wuetcher  
**Sent:** Thursday, June 20, 2024 3:51 PM  
**To:** john.horne@ky.gov; 'rateintervention@ky.gov'; 'rateintervention@ag.ky.gov'  
**Cc:** Damon R. Talley; jacobc@warrenwater.com; Jeff Peebles; ross.guffey@hdrinc.com  
**Subject:** Notices of Intent to Apply for Adjustment of Rates for Water and Sewer Service - Warren County Water District  
**Attachments:** 20240620\_Notice of Intent To File Application.pdf; 20240620\_Notice of Intent To FileApplication.pdf

Mr. Horne:

Warren County Water District gives notice to your office of its intent to file with the Public Service Commission on or about July 31, 2024, an application for a general rate adjustment of its rates for water service and an application for a general adjustment of its rates for sewer service. A copy of each Notice of Intent filed today with the Public Service Commission is attached.

Sincerely,

Gerald Wuetcher

# **EXHIBIT 7**



**STATEMENT OF ADJUSTED OPERATIONS  
AND REVENUE REQUIREMENT CALCULATION**

<b>Operating Revenues</b>	<b>Test Year</b>	<b>Adjustments</b>	<b>Ref.</b>	<b>Pro Forma</b>
Metered Revenue	\$ 6,144,256	\$		\$ 6,144,256
Other Sewer Revenue				
Forfeited Discounts	84,207			84,207
Interest Income	432,358			432,358
Misc. Service Revenues	33,870			33,870
Other Sewer Revenues	(14,276)			(14,276)
<b>Total Operating Revenues</b>	<b>\$ 6,680,415</b>			<b>\$ 6,680,415</b>
<b>Operating Expenses</b>				
Salaries and Wages- Employees	317,554	102,012	A	419,566
COLA		10,292	A	
Merit		6,351	A	
New employees		85,369	A	
Commissioner Fees	15,000	-		15,000
Employee Overhead	179,639			
Payroll Taxes	27,368	(27,368)	B, H	0
Wages	48,522	12,746	B	61,268
Worker's Comp	1,779	467	B	2,246
Fringe Benefits- Insurance	38,385	10,083	B	48,468
Retirement	63,585	16,702	B	80,287
COLA		4,578	C	4,578
Merit		2,825	C	2,825
Sewage Disposal	3,374,015			3,374,015
Purchased Power	157,890			157,890
Materials and Supplies	59,604			59,604
Contractual Services- Accounting	14,000			14,000
Contractual Services- Legal	5,136			5,136
Contractual Services- Other	226,678			226,678
Rental of Building/Real Prop.	-			-
Equipment Expenses	37,620			37,620
Insurance- Gen. Liability	15,774			15,774
Insurance- Other	2,545			2,545
Regulatory Expense	8,006			8,006
Bad Debt	4,466			4,466
Miscellaneous Expenses	17,777			17,777
Chemicals	30,983			30,983
Misc Non-Utility Income	(4)	4		0
Unrealized (Gain)/Loss on Investment	(39,712)			(39,712)
<b>Total Operation and Maint. Expenses</b>	<b>\$ 4,426,971</b>	122,049		<b>\$ 4,549,020</b>

Depreciation Expenses	1,918,276	245,339	D	2,163,615
Developments- Structures		7,433	E	
Developments- Mains		55,216	E	
Development – Laterals		37,845	E	
SCADA Upgrade		122,614	F	
CIS Infinity Upgrade		22,230	G	
Taxes other than Income	<u>0</u>	34,557	B, H	34,557
Total Operating Expenses	<b>6,345,247</b>	401,946		<b>\$ 6,747,193</b>
Net Utility Operating Income	<u>335,168</u>	<u>(401,946)</u>		<u>\$ 66,778)</u>

### **Revenue Requirements**

---

Pro Forma Operating Expenses				\$ 6,747,193
Principal and Interest Payments			I	\$ 618,554
Add: Debt Service Coverage				
(Additional Working Capital)			J	\$ 123,711
Rate Case Expense			K	<u>\$ 443,724</u>
Total Revenue Requirement				\$ 7,533,181
Subtract: Other Operating Revenue				\$ (103,801)
Interest Income				\$ (432,358)
Nonutility Income				<u>\$ (4)</u>
Revenue Required From Water Sales				\$ 6,997,018
Revenue from Sales at Present Rates				<u>\$(6,144,256)</u>
<b>Required Revenue Increase</b>				<u>\$ 852,762</u>

**Required Revenue Increase As A  
Percentage of Revenue At Present  
Rates**

**13.88%**

## References- Sewer

- A. The total adjustment to Salaries and Wages is \$102,012. The increase is due to salary changes approved by Warren County Water District's ("WCWD") Board of Commissioners and the hiring of additional employees after the end of the test year but prior to the filing of this Application. In its November 29, 2023 board meeting, the Board of Commissioners for WCWD approved a 2% merit increase in employee salaries to begin January 1, 2024. Applying this increase resulted in a \$6,351 adjustment. Additionally at the November 29, 2023 board meeting, the Board of Commissioners approved a Cost-of-Living Adjustment ("COLA") of 3.241% to take effect on January 1, 2024. The COLA resulted in an increase of \$10,292. Salaries and wages were also adjusted based on new employees' salaries not previously accounted for due to their starting date, for an increase of \$85,369.
- B. WCWD allocates Employee Overhead to five categories: payroll taxes; wages in the form of accrued paid time off; worker's compensation; fringe benefits (insurance); and retirement. The test year payroll tax expense was removed from the Employee Overhead adjustment and incorporated into Taxes Other Than Income. *See* Ref. H below.

The total adjustment to Employee Overhead for the Sewer Division, including the Ref. H upward adjustment to payroll taxes and the Ref. C adjustments, was \$54,590. The increase is due to the addition of seven employees to the WCWD Sewer Division, and seven WCWD customer service representatives' ("CSR") wages that had previously been capitalized are now instead expensed. Wages increased \$12,746. Worker's compensation increased \$467. Fringe benefits (insurance) increased \$10,083. Retirement increased \$16,702. For an explanation of how WCWD allocates expenses to the Water Division, Sewer Division, Butler Water, and Simpson District see the Written Direct Testimony of Jeff Peoples at Exhibit 9 and the Joint Operations Agreement and Rates and Allocations Memorandum at Exhibit 18.

- C. Employee Overhead was also adjusted for the COLA of 3.241%, an increase of \$4,578. Employee Overhead was also adjusted for the 2% merit increase for all employees, resulting in a \$2,825 increase.
- D. The Kentucky Public Service Commission ("PSC") requires that a water utility's Depreciation Expense be calculated using the midpoint of depreciation life ranges recommended by NARUC in its publication "Depreciation Practices for Small Utilities." WCWD follows the NARUC ranges for Depreciation Expenses. However, there are multiple projects in fiscal year 2024 that will result in known and measurable increases to WCWD's Depreciation Expenses. The overall increase is \$245,339. Adjustments E - G provide a breakdown of the increase to depreciation expense.
- E. There are multiple projects categorized as Developments that will increase Depreciation Expense. The projects fall into the categories of laterals, mains, or structures. The adjustment for laterals is \$37,845. The adjustment for structures is \$7,433. The adjustment for mains is \$55,216.

- F. WCWD's Sewer Division completed its SCADA upgrade in 2024. The Depreciation Expense adjustment for the upgrade for sewer is an increase of \$122,614.
- G. WCWD has contracted with its billing software provider to upgrade its billing system. The upgrade is in progress. The adjustment to Depreciation Expense due to the billing system upgrade for sewer is \$22,230.
- H. Taxes Other Than Income includes payroll taxes, which WCWD accounts for in Employee Overhead. This was corrected by removing the test year payroll taxes from the Employee Overhead adjustment and incorporating them in Taxes Other Than Income. The adjustment to Taxes Other Than Income includes the \$27,368 test year payroll tax expense, plus an additional \$7,189 upward adjustment due to an increase in payroll taxes caused by the addition of new employees. *See Ref. B above.*
- I. The proforma principal, interest, and additional working capital total \$742,265. This sum includes average annual principal and interest payments of \$618,554 (based on a 3-year average for the years 2024 – 2026). It also includes an additional working capital amount of \$123,711.
- J. WCWD's loan documents require a 20 percent Debt Service Coverage ("DSC") of the annual principal and interest payments. Thus, the DSC amount, which is included in Reference I shown above, is \$123,711 ( $\$618,554 \times 0.20 = \$123,711$ ). The PSC calls the DSC amount "Additional Working Capital."
- K. The Rate Case Expense includes legal fees, HDR's engineering service fees, and publication costs. The legal fees were estimated to be \$76,000, HDR's fees were estimated to be \$14,172 for the rate case and \$35,000 for the Cost-of-Service Study, and the publication costs were estimated to be \$6,000 for a total of \$131,172. The total is distributed over three years for a pro forma expense of \$43,724 per year.

# **EXHIBIT 8**

# **EXHIBIT 8A**

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC APPLICATION OF            )**  
**WARREN COUNTY WATER                )** **CASE NO. 2024-00201**  
**DISTRICT FOR ADJUSTMENT OF        )**  
**RATES FOR SEWER SERVICE            )**

**WRITTEN TESTIMONY OF ROSS GUFFEY, P.E.,**  
**HDR ENGINEERING, INC.**  
**ON BEHALF OF WARREN COUNTY WATER DISTRICT**

**Filed: July 31, 2024**

1 **Q. Please state your name, position, and business address.**

2 A. My name is Ross Guffey. I am a licensed professional engineer in the state  
3 of Kentucky. My business address is 333 W. Vine Street, Suite 1400,  
4 Lexington, Kentucky 40507.

5 **Q. By whom are you employed and in what capacity?**

6 A. I am a Water/Wastewater Manager within HDR Engineering, Inc., an  
7 international architectural and engineering firm.

8 **Q. Please describe your educational and professional background.**

9 A. My biographical statement is found at Appendix A to my testimony and  
10 lists my education background and professional experience.

11 **Q. Have you previously testified before the Commission?**

12 A. No.

13 **Q. By whom have you been engaged in this proceeding?**

14 A. Warren County Water District (“Warren District” or “the District”)  
15 engaged HDR Engineering, Inc. to prepare a cost-of-service studies for its  
16 water and sewer operations and to assist in the preparation of an  
17 application to the Public Service Commission (“Commission”) for an  
18 adjustment of its water and sewer service rates.

19 **Q. What is your experience regarding the preparation of rate studies for**  
20 **water or sewer utilities?**



1 A. I have prepared or assisted in the preparation of cost-of-service studies for  
2 the Lebanon Water Works (Lebanon, Kentucky), the Hopkinsville  
3 Environmental Authority (Hopkinsville, Kentucky), the city of Ashland,  
4 Kentucky, and Woodlawn Utility District (Woodlawn, Tennessee).

5 **Q. What is the purpose of your testimony in this proceeding?**

6 A. The purpose of my testimony is to discuss the findings of my cost-of-  
7 service study regarding its sewer operations (“the Study”). A copy of this  
8 study is attached to my testimony as Appendix B.

9 **Q. Briefly summarize your testimony.**

10 A. Based upon adjusted test period operation, Warren District’s sewer  
11 operations has a total annual revenue requirement of \$7,533,181. It  
12 requires annual revenues from metered sewer sales of \$6,997,018. Its  
13 present rates for sewer service generate annual revenues of \$6,144,256. To  
14 produce revenues sufficient to meet its reasonable operating expenses, its  
15 obligations under its long-term debt instruments, and provide for adequate  
16 working capital, Warren District’s sewer service rates should be adjusted  
17 to produce additional revenues of \$852,762, an increase of approximately  
18 13.88 percent over the revenues produced by current rates.

19 The proposed rates will produce the required level of revenue. These  
20 rates will provide unified sewer rates for the District and eliminate the

1 separate rate structure that the District presently uses for service to the City  
2 of Smiths Grove. The proposed schedule of rates will result in the District's  
3 for sewer operations using the same rate tiers as those used for the  
4 District's water operations.

5 **Q. Prior to beginning your work, did Warren District officials bring any**  
6 **issues to your attention that it wished addressed in the Study?**

7 A. Yes. District officials pointed out that the District's present rate tiers for  
8 sewer service do not match rate tiers for water service. Sewer customers  
9 are billed according to their water usage. No sewer customer has a meter  
10 to measure the volume of effluent discharged into the sewer system. They  
11 believed that matching water and sewer rate tiers result in more efficient  
12 administration. They noted that the different rate tiers frequently confused  
13 District staff responsible for billing. They noted a similar problem with the  
14 minimum usage volumes for some meter sizes and requested that  
15 minimum usage volume amounts to be the same for water and sewer.

16 District officials also requested that the Sewer Tariff for Smiths  
17 Grove be eliminated. Historically, Smiths Grove sewer rates have been  
18 higher than the sewer rates of other District customers. These higher rates  
19 were originally justified because of debt specifically incurred for Smiths  
20 Grove area. This debt, however, has been paid. Consequently, there is no

1 longer a justification for charging the Smiths Grove customers different  
2 higher sewer rates than other District customers. The District has a unified  
3 rate for water customers and desired a unified sewer rate as well.

4 **Q. Describe how the proposed rates were developed?**

5 A. First, the level of revenue required from sewer sales was determined based  
6 upon Warren District's operating expenses, long-term debt obligations and  
7 the debt coverage requirements in its long-term debt. Rates were then  
8 determined by allocating these costs using a Base/Extra Capacity  
9 methodology as described in the American Water Works Association's  
10 *Principles of Water Rates, Fees, and Charges (M1 Manual)*.

11 **Q. What test period was used to perform the study?**

12 A. Calendar year 2023.

13 **Q. Why was that period used?**

14 A. It was the most recent period for which Warren District had audited  
15 financial records available.

16 **Q. Was a Schedule of Adjusted Operations prepared?**

17 A. Yes. A Schedule of Adjusted Operations was prepared and is found at  
18 Exhibit 7 of the Application. The Schedule of Adjusted Operations lists  
19 the revenues and expenses of Warren District's sewer operations for the

1 test period and the specific adjustments made to each expense group to  
2 determine Total Operating Expenses.

3 **Q. Why are adjustments made to test period expenses?**

4 A. Adjustments recognize any known and measurable changes in operations  
5 occurring during or after the test period. They are necessary to ensure that  
6 the proposed rates accurately reflect current operating conditions. If an  
7 adjustment is shown on the Schedule, there is a reference that explains the  
8 adjustment.

9 **Q. Is the Schedule of Adjusted Operations part of the Study that you**  
10 **prepared?**

11 A. No. It was separately prepared to comply with the filing requirements set  
12 forth in 807 KAR 5:001. I relied upon the financial information that  
13 Warren District provided, which included its Annual Report to the Public  
14 Service Commission for its Calendar Year 2023 Operations and its audited  
15 financial statements. District personnel provided the adjustments for  
16 known and measurable changes to the District's test period operations. A  
17 discussion of those adjustments appears in the written testimony of Mr.  
18 Jeff Peeples, the District's Manager of Finance and Administration.  
19 Detailed information regarding the District's revenues and expenses can  
20 be found in the Study's Appendices.

1 **Q. What adjustments were made to test period revenues?**

2 A. No adjustments were made to test period revenues.

3 **Q. Was a billing analysis performed as part of your study?**

4 A. I performed a billing analysis to prepare the Study, but it is not included in  
5 the Study. It is, however, attached as Exhibit 9 to the District's  
6 Application.

7 **Q. What adjustments were made to test period expenses?**

8 A. District personnel were responsible for developing adjustments to test  
9 period expenses. These adjustments are listed in Section 3.2 of the Study.  
10 For a discussion of those adjustments, please refer to Mr. Peeples'  
11 testimony.

12 **Q. Upon making adjustments to the District's test period expenses, what  
13 was proforma Total Operating Expenses?**

14 A. \$6,747,193.

15 **Q. How was the District's Total Revenue Requirement determined?**

16 A. The debt service coverage methodology was used to determine the  
17 District's total revenue requirement. This method, as historically applied  
18 by the Commission, includes an allowance for additional working capital  
19 that is equal to the minimum net revenues required by a water district's  
20 long-term debt holders that are above its average annual debt payments.

1 In the District's case, the amount is equal to 120 percent of its average  
2 annual debt payments. The District's average annual principal and interest  
3 payment, a working capital component, and an allowance for rate case  
4 expense were added to total operating expense to obtain the total revenue  
5 requirement. The calculation of total revenue requirements is shown at the  
6 bottom of the Schedule of Adjusted Operations, which is found at Exhibit 7  
7 of the Application.

8 **Q. What is the District's total revenue requirement?**

9 A. \$7,533,181.

10 **Q. How was revenue required from sewer service sales determined?**

11 A. Revenue required from sewer service was determined by subtracting from  
12 the District's total revenue requirement other sources of available revenue,  
13 which included forfeited discounts, miscellaneous service revenues and  
14 interest income. These other sources of revenue total \$536,163.  
15 Accordingly, the District requires \$6,997,018 from water sales.

16 **Q. Based upon its proforma test year operations, how much additional  
17 revenue from sewer service sales does the District require?**

18 A. \$852,762. This amount represents a 13.88 percent increase in revenues  
19 from water sales.

1 **Q. Explain how the proposed rates were developed to produce the**  
2 **additional revenues.**

3 A. The Base/Extra Capacity method of allocation was used to develop the  
4 proposed rates. First, the District's proforma test year expenses were  
5 categorized into one of the following activities: sewage disposal, sewer  
6 distribution, customer accounts, administrative and general, unclassified,  
7 depreciation expense, interest expense, and debt expense. Next, each  
8 activity's expenses were then classified into one of the three cost  
9 components: base costs, extra capacity costs, or customer costs (including  
10 meters and services).

11 *Base costs* are operations and maintenance (O&M) costs as well as  
12 capital costs that are integral to daily utility functions including costs  
13 associated with service to customers under average day conditions. These  
14 costs would include salaries, insurance, power, chemical, etc. Capital  
15 investment related to meeting constant or average day usage would also be  
16 included in this category.

17 *Extra capacity costs* are associated with meeting wastewater disposal  
18 requirements above the average day condition. This includes capital and  
19 O&M expenses for system capacity required beyond the average rate of  
20 use. This includes determinations of the impact of maximum hour and

1 maximum day requirements. Examples of this expense would include  
2 overtime salaries, extra chemical, power, storage needed and pipe capacity.

3 *Customer costs* are those which are directly related with serving the  
4 customers such as billing, meter reading, customer service or utility  
5 management. In addition, costs related to meters, services and  
6 administrative functions are also included in this category. This category  
7 is typically related to expenses that are outside of the production and  
8 transmission aspects of the system.<sup>1</sup>

9 All of the District's sewer expenses with the exception of Sewage  
10 Disposal,<sup>2</sup> Purchased Power, and Chemicals, were assign to the base cost  
11 component. These three exceptions were expenses that were associated  
12 with meeting sewer usage requirements that exceeded average day  
13 conditions. An allocation factor based upon average day usage and  
14 maximum day usage was used to allocate these three expenses between  
15 base and extra capacity functions. Approximately 89.7 percent of the total

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<sup>1</sup> The District has no wholesale customers In the absence of a wholesale customer, the Study treats customer costs as if base costs.

<sup>2</sup> These costs are listed in Appendix H of the Study as "Purchased Water" but represents the sewage disposal costs paid to Bowling Green Municipal Utilities ("BGMU"), which treats the District's wastewater on a flat volumetric rate.



1 of each of these expenses was allocated to base function and 10.3 percent  
2 was allocated to maximum day/extra capacity function.<sup>3</sup>

3 Using the District’s detailed billing and usage information and its  
4 detailed customer classifications, costs were assigned to customer  
5 classifications based upon general customer type (residential, commercial,  
6 industrial) and meter size.

7 Based upon this assignment of cost, we determined that the cost to  
8 serve industrial and commercial customers exceeds the revenue from sales  
9 to those customers. Conversely, revenues from sales to residential  
10 customers is exceeding the cost of serving those customers. The charts  
11 found at Appendix I of the Study reflect these results. These results are  
12 based on simplified assumptions with no adjustments to customer cost  
13 allocations between customer classifications. Cost of service focused on  
14 the overall utility instead of cost for customer classifications.

15 **Q. Based upon your study, what are your recommendations regarding**  
16 **the District’s rates for sewer service?**

17 A. First, we agree with the District’s suggestion to eliminate a separate rate  
18 structure for Smiths Grove. No reasonable basis exists for treating District

---

<sup>3</sup> The percentages were based upon maximum day and average day usages. Average day usage during the test period was 3,881,002 gallons. Maximum day usage was 4,326,626 gallons. Average day usage was approximately 89.7 percent of maximum day usage.

1 sewer customers in the Smiths Grove area differently than other District  
2 sewer customers. The Study's results indicate that the separate rate  
3 structure resulted in revenues from Smith Grove customers far exceeding  
4 the cost to provide sewer service. We recommend the elimination of the  
5 separate rate structure.

6 Second, we agree that administrative concerns warrant restructuring  
7 existing volumetric rate tiers to ensure the same tiers for water and sewer  
8 sales. Moreover, since the sewer charge is based upon water usage,  
9 differences in rate tiers for water and sewer may produce customer  
10 confusion and result in contradictory pricing signals to the District's  
11 customers. Using the water rate tiers will also allow the District to develop  
12 sewer rates that more accurately and precisely reflect the costs for sewer  
13 service for customers whose monthly water usage exceeds 100,000  
14 gallons. Currently the highest volumetric rate block for customer that uses  
15 1,000,000 gallons or more of water monthly is the same as for a customer  
16 that just barely exceeds 100,000 gallons of water.

17 Third, we recommend that the District establish minimum bills for  
18 customers whose meter sizes exceed six inches. The District's Water  
19 Division currently provides for a minimum bill for customers who are  
20 served through 8-inch and 10-inch meters. The Sewer Division should also

1 prepare for the possibility of customers who will be receiving water service  
 2 through such large meters.

3 The proposed rates will generate sufficient revenues to permit the  
 4 District to fully recover its cost to provide sewer service. The proposed  
 5 revisions to the District’s present rate structure, in addition to producing  
 6 these revenues, will reduce the existing gap between the cost to serve  
 7 commercial and industrial customers and the revenues from sales to these  
 8 customers.

9 **Q. What is the effect of the proposed rates on the average retail**  
 10 **customer’s bill?**

11 A. Table 1 shows the proposed rates’ effect on monthly bill of the average  
 12 customer located outside the Smiths Grove area. Table 2 shows the effect  
 13 on the average Smiths Grover sewer customer. The unified sewer rate will  
 14 result in a rate reduction for the average Smiths Grover sewer customer.

<b>TABLE 1</b>						
<b>Meter Size</b>	<b>Present Rate</b>		<b>Proposed Rate</b>		<b>Change (\$)</b>	<b>Change (%)</b>
	<b>Minimum Bill</b>	<b>Usage Gallons</b>	<b>Minimum Bill</b>	<b>Usage Gallons</b>		
<b>1-Inch</b>	\$ 28.14	5,000	\$ 31.01	5,000	\$ 2.87	10.20%
<b>1 1/2-Inch</b>	\$ 52.17	10,000	\$ 60.21	10,000	\$ 8.04	15.41%
<b>2-Inch</b>	\$ 76.50	16,000	\$ 106.11	20,000	\$ 29.61	38.71%
<b>3-Inch</b>	\$129.29	30,000	\$ 152.01	30,000	\$ 22.72	17.57%
<b>4-Inch</b>	\$202.39	50,000	\$ 243.81	50,000	\$ 41.42	20.47%
<b>6-Inch</b>	\$385.14	100,000	\$ 473.31	100,000	\$ 88.17	22.89%
<b>8-Inch</b>	\$385.14	100,000	\$ 685.81	150,000	\$300.67	78.07%
<b>10-Inch or Larger</b>	\$385.14	100,000	\$1,110.81	250,000	\$725.67	188.42%

<b>TABLE 2</b>					
<b>Customer</b>	<b>Average Usage (gals)</b>	<b>Monthly Bill at Current Rate</b>	<b>Monthly Bill at Proposed Rate</b>	<b>Monthly Bill Increase (\$)</b>	<b>Monthly Bill Increase (%)</b>
5/8 x 3/4-Inch Meter	3,364	\$ 26.40	\$ 21.46	-\$ 4.95	-18.73
1-Inch Meter	12,256	\$ 74.15	\$ 70.57	-\$ 3.58	-4.83
1 1/2-Inch Meter	NA	NA	NA	NA	NA
2-Inch Meter	25,799	\$140.79	\$132.73	-\$ 8.06	-5.72
3-Inch Meter	NA	NA	NA	NA	NA
4-Inch Meter	NA	NA	NA	NA	NA
6-Inch Meter	NA	NA	NA	NA	NA
8-Inch Meter	NA	NA	NA	NA	NA
10-Inch Meter or Larger	NA	NA	NA	NA	NA

1 **Q. What are your recommendations to the Commission?**

2 A. I recommend that the Commission approve the proposed rates.

3 **Q. Does this conclude your testimony?**


4 A. Yes, it does.

5

VERIFICATION


COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF FAYETTE )

The undersigned, **Ross Guffey**, being duly sworn, deposes and says he has personal knowledge of the matters set forth in the foregoing testimony, and the answers contained therein are true and correct to the best of his information, knowledge, and belief.

  
\_\_\_\_\_  
**ROSS GUFFEY, P.E.**

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 29<sup>th</sup> day of July 2024.

(SEAL)

  
\_\_\_\_\_  
Notary Public  
Notary Commission Number: KY4P62551

My Commission Expires:

January 24, 2027

# **Appendix A**



## Ross Guffey, PE (KY #32153)

Water/Wastewater Manager

Ross is a professional engineer and project manager with over 12 years of experience in potable water treatment, transmission and storage, asset management, and hydraulic analysis. His experience includes working with utilities ranging from 4 mgd to communities exceeding 250 mgd in production capacity throughout Kentucky and Tennessee. Ross has assisted water utilities during the various phases of a project, including condition assessments, master planning, preliminary engineering, final design, and construction.

### EDUCATION

Masters, Biosystems & Agricultural Engineering (Water Resources), University of Kentucky, United States, 2012

Bachelors, Biosystems Engineering (Water Resources), University of Kentucky, United States, 2010

### REGISTRATIONS

Professional Engineer - Civil and Environmental, KY, US  
No. 32153

### INDUSTRY TENURE

12 years

### HDR TENURE

9 years

### OFFICE LOCATION

Lexington, KY, US

### RELEVANT EXPERIENCE

#### **Water Utility Cost-of-Service Study, Hopkinsville Water Environment Authority | Hopkinsville, Kentucky**

HWEA requested HDR to perform a cost-of-service study for the Water Utility. HDR reviewed financial data and operational records to allocate revenue and expenses based on PSC guidelines for different customer classes, including wholesale customers. HDR developed a cost-of-service report and provided rate increase recommendations for wholesale customers.

#### **Ashland Cost-of-Service Studies, City of Ashland | Ashland, Kentucky**

In 2023, the City of Ashland partnered with HDR to perform a detailed water and sewer rate study to support any PSC filing for a rate increase, following the studies previously conducted in 2016 and 2019 by HDR. Rate recommendations from the 2019 studies were deferred based on COVID-19 impacts. Ashland's water department operates a 24 MGD water treatment plant that directly serves more than 35,000 people and indirectly serves an additional 14,000 customers through multiple interconnects. Ashland's sewer department operates an 11 MGD wastewater treatment plant that serves over 21,500 people, including treating wastewater for 4,000 households for Boyd County. HDR utilized the city's water hydraulic model to determine the effect of each water district on the overall performance of the water distribution network. HDR developed revenue requirements for each customer classification and wholesaler based on allocated expenses. HDR determined tariff adjustment for each customer class based on PSC methods for allowable expenses. HDR has finalized the rate analysis and presented the results to the City.

#### **Water Utility and Production Cost-of-Service, Woodlawn Utility District | Woodlawn, Tennessee**

To maintain the financial health of their utility, Woodlawn retained HDR in 2023 to review the rates and charges, revenue, and expenses associated with the Water Utility and to provide a cost-of-service study that analyzed and allocated expenses incurred by Woodlawn to ascertain the appropriateness of the proposed rate increase. Woodlawn Utility District (WUD) produces and distributes water for sale to approximately 4,200 retail, commercial, industrial, and wholesale customers. Woodlawn's water treatment plant (WTP) has a rated capacity of 2 million gallons per day (MGD) and was initially built in 2017, with renovations to the plant currently in design. The study analyzed production costs and evaluated the potential cost impacts for various scenarios.

#### **Water Utility Cost-of-Service Study, Lebanon Water Works | Lebanon, Kentucky**

A rate study was conducted to review the cost-of-service for various customer classes and provided a study for wholesale customer negotiation. Reviewed financial data for adjustments based on PSC guidelines for different customer classes. HDR provided rate increase recommendations and presented information to wholesale customers.

# **Appendix B**





# Cost-of-Service Study

Sewer Utility Fund

Warren County Water District

*Warren Co., KY*  
June 26, 2024





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# CHAPTER 1: BACKGROUND AND HISTORICAL UTILITY DATA

## 1.1 Introduction

Warren County Water District (WCWD) wastewater system includes over 173 miles of sewer lines and 59 wastewater-pumping stations that transport more than 2 million gallons of wastewater each day from approximately 10,500 customers. WCWD sends the wastewater to be treated by Bowling Green Municipal Utilities (BGMU).

To maintain the financial health of their utility, WCWD has retained HDR to review the rates and charges, revenue and expenses associated with the Wastewater Utility and to provide a cost-of-service study that analyzes and allocates “known and measurable” expenses incurred by WCWD to determine and ascertain the appropriateness of the proposed rate increase. The purpose of this study is to determine how much of a rate increase is needed and to identify how to distribute the rate increase to WCWD customers. This study is performed in accordance with generally understood principals outlined by PSC and utilizes methods consistent with American Water Works Association (AWWA) M1 guidance for the development of wastewater rates.

## 1.2 Study Data

The financial and billing data that is discussed in this review was provided by WCWD (Appendix A). This financial data is used as the test year in the study and reflects the fiscal year 2023 (January 1, 2023, through December 31, 2023). The expenses presented are “known and measurable” with documentation from financial statements, utility work papers, and annual audits. Data regarding the amount of wastewater collected and disposed was also provided by WCWD.

The test year expenses and adjusted expenses in this report are allocated based on AWWA M1 guidance to identify utility revenue requirements by function and customer classification. The expense and revenue data that is used in this study has not been independently evaluated by HDR. HDR relies heavily on the data provided in the audit and the underlying accounting data provided by WCWD. Multiple schedules, allocation details and support tables that constitute the complete cost-of-service study are available in the numerous appendices as outlined in the narrative that follows.

## 1.3 Wastewater Collection

Table 1-1 provides a summary of the wastewater sold during the test year. Wastewater sales data was calculated using the Billing Analysis report. Additionally, a peak day is determined based on the maximum monthly usages of each customer divided by the number of days in the month as meters are not read daily. This information is further detailed in Appendix C.



**Table 1-1: Total Wastewater Collected & Sold**

Monthly (FY 2023)	Monthly Amounts	
	Wastewater Disposed <sup>1,2</sup>	Wastewater Collected <sup>2,3</sup>
January '23	86,935,000	106,394,697
February '23	87,752,000	106,524,200
March '23	91,212,000	109,076,572
April '23	89,822,000	107,824,315
May '23	92,199,000	115,216,023
June '23	93,350,000	129,821,395
July '23	88,152,000	121,016,636
August '23	91,032,000	125,961,165
September '23	88,981,000	129,821,395
October '23	88,926,000	129,692,500
November '23	93,041,000	123,084,266
December '23	88,564,000	108,525,302
<b>Total</b>	<b>1,079,966,000</b>	<b>1,415,935,861</b>
<b>Average</b>	<b>2,958,811</b>	<b>3,816,055</b>
<b>Peak Day</b>	<b>3,111,667</b>	<b>4,753,076</b>

Notes: <sup>1</sup> Data from Appendix B.

<sup>2</sup>Gallons

<sup>3</sup>Data from Appendix C.

Based on the information provided in Table 1-1, total wastewater collected in FY 2023 is approximately 1.42 billion gallons (3.88 MGD) and the total wastewater disposed during the same period was 1.08 billion gallons (2.96 MGD). A breakdown of the wastewater sales is provided in Table 1-2.

**Table 1-2: Wastewater Collection**

Customer Classification	Total Sold <sup>1,2</sup>
Industrial	787,156,135
Commercial	176,872,130
Residential	428,831,650
Smiths Grove	23,075,946
<b>Total</b>	<b>1,415,935,861</b>

Notes: <sup>1</sup> Measured in Gallons.

<sup>2</sup> Data from Appendix C



## 1.4 Wastewater Systems Revenues

The revenue generated in FY 2023 in wastewater collection from residential, commercial, and industrial customers is detailed in Appendix E and summarized in Table 1-3. In addition to sewer sales, WCWD also generates additional revenue through operations from fees and services related to the sewer utility. These revenues include items such as connection fees, service fees, and penalty fees.

**Table 1-3: Wastewater Sales Revenue**

Item	Amount <sup>1</sup>
Metered Revenue-Residential	\$2,606,013
Metered Revenue-Commercial	\$847,443
Metered Revenue-Industrial	\$2,690,800
<b>Total Metered Revenue</b>	<b>\$6,144,256</b>
Interest Income-Sinking/Misc	\$101,016
Interest Income-Depreciation Reserve	\$204,033
Interest Income-Customer Deposits	\$127,309
Fortified Discounts	\$84,207
Misc Service Revenue	\$33,870
Other Water Revenue	\$600
Rental Revenue-District Property	-\$14,876
<b>Total Other Revenue</b>	<b>\$536,159</b>
<b>Total</b>	<b>\$6,680,415</b>

Note: <sup>1</sup> Data from Appendix E.

## 1.5 Wastewater System Expenses

A summary of the expenses for operation and maintenance for the wastewater utility for FY 2023 is provided in Table 1-4. As with revenues, many expenses were purchasing and distribution combined. Therefore, expenses associated with it are proportionally allocated by function. Allocation methods between collection and disposal are detailed in Table 1-4. Further allocation of expenses by customer class and function are detailed in Chapter 2 of this report.



**Table 1-4: Total Operation and Maintenance Expenses**

<b>Expense</b>	<b>Total <sup>1</sup></b>
Source	\$3,541,147
Transmission & Distribution	\$436,973
Customer Accounts	\$204,311
Administration & General	\$271,784
Unclassified	\$(27,244)
Depreciation Expense	\$1,918,276
Interest Expense	\$371,569
Debt Expense	\$245,097
<b>Total</b>	<b>\$6,961,913</b>

Note: <sup>1</sup> Data from Appendix D.

In addition to operations and maintenance costs, a utility will also incur cost for the loss of value on an asset that has been in service. This depreciation expense is determined based on the sum of all lost value on assets across the entire wastewater system during a fiscal year. This value is included in the revenue requirements to provide for the renewal and replacement of aging equipment. The annual depreciation of an asset is determined by dividing the initial cost of the item (less any salvage value) by its expected life. The expected life is based off the NARUC life of assets. The depreciation value for the wastewater utility in FY 2023 is shown in Table 1-5 along with amortization value for the principal and interest payments on notes used for construction of various improvements.

**Table 1-5: Depreciation / Amortization Expenses**

<b>Expense</b>	<b>Total <sup>1</sup></b>
Depreciation	\$1,918,276
Debt Service (Principal and Interest Payments) <sup>2</sup>	\$616,666
<b>Total</b>	<b>\$2,534,942</b>

Note: <sup>1</sup> Data from Appendix D.

<sup>2</sup> Includes bond coverage.



# CHAPTER 2: EXPENSE ALLOCATION BY FUNCTION AND CUSTOMER CLASS

## 2.1 Background

Chapter 1 provided a summary of the FY 2023 revenues and expenses associated with WCWD. This chapter will focus on evaluating the expenses and allocating them to their appropriate functional cost component and customer classification. The purpose of this activity is to ascribe utility costs to the customers that have benefitted from them. This process involves allocating utility expenses using a Base/Extra Capacity approach as described in AWWA M1 *Principles of Water Rates, Fees and Charges*.

The Base/Extra Capacity method of allocation is intended to categorize expenses by the need for them. WCWD has provided audited expenses that are distributed to each sewer utility department (collections, disposal, etc.). The Base/Extra Capacity method takes this information and transforms it into expenses related to functions of the utility operation (average day, peak day, etc.). This is done to understand the fundamental costs of service related to the various operating conditions within the utility. As described previously, expenses incurred by the utility are classified into one of the three functional categories identified below:

- Base Costs
- Extra capacity costs
- Customer costs (including meters and services)

Base costs are operations and maintenance (O&M) costs as well as capital costs that are integral to daily utility functions including costs associated with service to customers under average day conditions. These costs would include salaries, insurance, power, chemical, etc. Capital investment related to meeting constant or average day usage would also be included in this category.

Extra capacity costs are associated with meeting water usage requirements above the average day condition. This includes capital and O&M expenses for system capacity required beyond the average rate of use. This includes determinations of the impact of maximum hour and maximum day requirements. Examples of this expense would include overtime salaries, extra chemical, power, storage needed and pipe capacity, etc.

Customer costs are those which are directly related with serving the customers such as billing, meter reading, customer service or utility management. In addition, costs related to meters, services and administrative functions are also included in this category. This category is typically related to expenses that are outside of the production and transmission aspects of the system.

## 2.2 Allocation of Expenses

Table 2-1 provides a summary of the expenses allocated by functional components. The allocation of costs is outlined in Appendix G. Each service function is also indicated next to the expense. The allocation percentages are developed from flow data (Appendix B and Appendix C) as outlined previously.





**Table 2-1: Base / Extra Capacity Expense Allocation by Component**

<b>Component</b>	<b>Total</b>	<b>Base</b>	<b>Maximum Day</b>	<b>Customer Costs</b>
Sewage Disposal	\$3,541,147	\$3,175,967	\$365,180	\$ -
Sewer Distribution	\$436,973	\$433,770	\$3,203	\$ -
Customer Accounts	\$204,311	\$204,311	\$ -	\$ -
Administration	\$271,784	\$ 271,784	\$ -	\$ -
Utility Unclassified	\$(27,244)	\$30,619	\$ -	\$-
Depreciation Expense	\$1,918,276	\$1,918,276	\$ -	\$ -
Interest Expense	\$371,569	\$371,569	\$ -	\$ -
Debt Expense	\$245,097	\$245,097	\$ -	\$ -
<b>Total Cost-of-Service</b>	<b>\$6,961,913</b>	<b>\$6,593,529</b>	<b>\$368,384</b>	<b>\$ -</b>

Note: <sup>1</sup> Data from Appendix G.

# CHAPTER 3: TEST YEAR ADJUSTMENTS

## 3.1 Introduction

Chapter 1 provided a summary of the FY 2023 revenues and expenses of WCWD. Chapter 2 reviewed the Base/Extra Capacity method utilized in determining a cost-of-service by function and customer class. This chapter will utilize the values outlined in Chapter 1 as a starting point and adjust them to include documented expense and revenue changes.

## 3.2 Test Year Adjustments

In addition to the test year cost-of-service, governing entities allow for the inclusion in the revenue requirements of known expenses that are absent or can be documented to be higher (or lower) than the test year value. Additionally, revenue can be adjusted if documentation is available that shows revenue to be lower (or higher) than the test year value.

Other documented expenses adjustments were made based on “known and measurable” costs. Additionally, adjustments were made for changes to expense allocation for costs to be allocated to customer costs. Below details areas that were adjusted:

- Salary Increases – All salaries were increased by 5.241%, 3.241% from Cost-of-Living Allocation (COLA) and 2% from merit-based raises.
- Employee Overhead Increases – All employee overhead were increased by 5.241% as well, except for Fringe Benefits- Insurance.
- New employees – Employees hired in the test year and known hires for 2024.
- Debt – Adjusted based on known amortization schedule for FY 2024.
- Depreciation – Adjusted based on WCWD’s projects in progress and future projects.
- Rate Case Expenses – Estimated expenses of the rate case including legal fees, HDR fees, and publication costs.

See Table 3-1 for an overview of adjustments impacts on each customer. See Appendix J for all known and measurable adjustments.



**Table 3-1: Test Year Adjustments by Customer Class**

<b>Customer Class</b>	<b>Cost-of-Service Adjustment <sup>3</sup></b>	<b>Total Revenue Adjustments <sup>3</sup></b>
Industrial	\$315,886	\$362,566
Commercial	\$70,890	\$114,233
Residential	\$175,236	\$350,977
Smiths Grove	\$9,253	\$24,986
<b>Utility Total</b>	<b>\$571,264</b>	<b>\$852,762</b>

Note: <sup>1</sup> Date from Appendix I.

<sup>2</sup> Based on test year adjusted.

<sup>3</sup> Increase in value is positive and a decrease is shown as \$(XXX).

For additional information on test year adjustments see Appendix D, Appendix E, and Appendix H.



# CHAPTER 4: COST OF SERVICE

## 4.1 Background

The previous sections in this study provide the information associated with the utility data from a historical test year (FY 2023) as well as a summarized breakdown of the expense allocations. In doing so, the costs incurred by WCWD during the normal course of operation have been allocated to those customers who derive the benefit from the personnel, facilities, and equipment necessary to provide them service. The purpose of this section is to determine if the present tariff structure will generate sufficient revenue to cover the cost-of-service.

## 4.2 Sufficiency of Existing Revenues

Chapter 2 reviewed the determination of cost-of-service requirements and allocation expenses. Chapter 3 reviewed adjusted revenues and expenses from the test year. Table 4-1 summarizes revenue requirements against revenue generated from wastewater sales, services, and miscellaneous income for adjusted test year. Additional details are provided in Appendix I.

**Table 4-1: Comparison of Revenue Requirements vs. Wastewater Revenue by Customer Class**

	Cost-of-Service	Total Revenue	Surplus (Deficit)
Industrial	\$4,166,302	\$2,840,289	\$(1,326,012)
Commercial	\$959,176	\$894,886	\$(64,290)
Residential	\$2,283,693	\$2,749,504	\$465,811
Smiths Grove	\$124,007	\$195,736	\$71,729
<b>Utility Total</b>	<b>\$7,533,177</b>	<b>\$6,680,415</b>	<b>\$(852,762)</b>

Note: <sup>1</sup> Data from Appendix I.

<sup>2</sup> Based on test year adjusted.

## 4.3 Rate Comparison

As seen in Table 4-1, WCWD presently has a revenue shortfall for. WCWD may need to adjust the rates for the WCWD customers to reduce this deficit. However, before recommending a rate adjustment for WCWD, a comparison of other utilities will identify where WCWD wastewater prices compare to utilities around the state.

Table 4-2 is a breakdown of average cost per month per household for wastewater service. The bill is based on the average household drinking water consumption which is assumed to be 4,000 gallons per month.



**Table 4-2: Average Monthly Bills in Select Cities (Residential)**

City	Monthly Water Bill <sup>1</sup>	Rate Increase Year
Shelbyville MW&SC <sup>2</sup>	\$21.95	2023
<b>Warren County<sup>2</sup> (Current)</b>	<b>\$22.85</b>	<b>2022</b>
<b>Warren County (Proposed)</b>	<b>\$26.03</b>	<b>-</b>
Berea <sup>2</sup>	\$26.28	2019
Paducah <sup>2</sup>	\$26.44	2019
HWEA <sup>2</sup>	\$28.68	2019
Madisonville <sup>2</sup>	\$31.00	2008
Bowling Green <sup>2</sup>	\$31.42	2023
Russellville <sup>2</sup>	\$35.80	2009
Lexington- LEXserv <sup>2</sup>	\$37.22	2019
Hardin Co. WD #1 <sup>2</sup>	\$37.50	2023
Nicholasville (Out-of-City) <sup>2</sup>	\$37.57	2019
Harrodsburg, KY (In-City) <sup>2</sup>	\$37.88	2023
Georgetown <sup>2</sup>	\$38.57	2023
Versailles <sup>2</sup>	\$41.55	2022
Frankfort <sup>4</sup> (In-City)	\$42.96	2018
Henderson <sup>2</sup>	\$44.68	2023
Richmond <sup>4</sup> (In-City)	\$49.15	2023
Northern Kentucky Sanitation District No. 1 <sup>3</sup>	\$51.99	2024
Winchester (In-City) <sup>2,4</sup>	\$52.93	2023
Owensboro <sup>2</sup>	\$56.47	2023
Louisville <sup>2</sup>	\$57.75	2022
Richmond (Out-of-City) <sup>3</sup>	\$68.29	2023
Murray <sup>2</sup>	\$87.82	2019

Note: <sup>1</sup> Based on 4,000 gallons per day usage.

<sup>2</sup> Rate info from phone calls, city websites, PSC, and WRIS Portal.

<sup>3</sup> PSC Case Filing



**Table 4-3: Average Monthly Bills in Select Cities (Commercial)**

City	Monthly Water Bill <sup>1</sup>	Rate Increase Year
<b>Warren County (Current)</b>	<b>\$151.87</b>	<b>2022</b>
Somerset <sup>2</sup>	\$157.11	2021
<b>Warren County (Proposed)</b>	<b>\$180.68</b>	-
BGMU <sup>2</sup> (In-City)	\$208.23	2024
Paducah McCracken County <sup>2</sup>	\$231.35	2023
Hardin Co WD #1 <sup>2</sup>	\$251.90	2023
Madisonville <sup>4</sup> (In-City)	\$271.25	-
HWEA <sup>4</sup>	\$286.30	2024
BGMU <sup>2</sup> (Out-of-City)	\$292.21	2023
Hardin Co WD #2 <sup>2</sup>	\$360.00	2023
Richmond <sup>2</sup>	\$375.03	2023
LEXServ <sup>2</sup>	\$389.15	2024
Madisonville <sup>4</sup> (Out-of-City)	\$407.05	-
Richmond <sup>4</sup> (Out-of-City)	\$752.01	2023

Note: <sup>1</sup> Based on 35,000 gallons per day usage.

<sup>2</sup> Rate info from phone calls, city websites, PSC, and WRIS Portal.

<sup>3</sup> PSC Case Filing

<sup>4</sup> Monthly Bill based on city website: implementation date unknown.



## 4.4 Rate Adjustment Recommendation

HDR recommends a rate increase of 13.88%. This level of increase would mitigate the current deficit amount seen by the entire the sewer utility. Table 4-4 outlines the rate adjustment recommendation.

**Table 4-4: Rate Adjustments Recommendation (Test Year Adjusted)**

	Cost-of-Service	Sales Revenue	Total Revenue	Rate Increase	Revenue Increase	Total Revenue w/ Increase	Surplus (Deficit) with Increase
<b>Industrial</b>	\$4,166,302	\$2,612,332	\$2,840,289	13.88%	\$362,566	\$3,202,855	\$(963,446)
<b>Commercial</b>	\$959,176	\$823,064	\$894,886	13.88%	\$114,233	\$1,009,119	\$49,943
<b>Residential</b>	\$2,283,693	\$2,528,833	\$195,736	13.88%	\$350,977	\$3,100,481	\$816,788
<b>Smiths Grove</b>	\$124,007	\$180,027	\$195,736	13.88%	\$24,986	\$220,722	\$96,715
<b>Utility Total</b>	<b>\$7,533,177</b>	<b>\$6,144,256</b>	<b>\$6,680,415</b>		<b>\$852,762</b>	<b>\$7,533,177</b>	<b>\$ -</b>

Note: <sup>1</sup> Data from Appendix I.

<sup>2</sup> Based on test year adjusted.

HDR also recommends that WCWD no longer uses a separate tariff for Smiths Grove and adjusts the current WCWD sewer tariff to match the proposed water schedule, since sewer charge is based on water usage. This will simplify billing for WCWD staff and customers. See Appendix K for the detailed changes.



# Appendix A. WCWD Utility Expenses and Revenue Financial Statements



WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
December 31, 2023

	Month				Year To Date			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE</b>								
Metered Revenue:								
460-0000-3 Unmetered Revenue - Chk Valves	0	\$0	\$0	0.0%	0	\$0	\$0	0.0%
461-0001-3 Metered Revenue - Residential	204,133	193,934	10,199	5.3%	2,606,013	2,427,629	178,385	7.3%
461-0002-3 Metered Revenue - Commercial	66,745	68,580	(1,834)	-2.7%	847,443	777,586	69,857	9.0%
461-0003-3 Metered Revenue - Industrial	208,595	213,900	(5,305)	-2.5%	2,690,800	2,571,949	118,850	4.6%
461-0004-3 Metered Revenue - City/County/State/Fed	0	0	0	0.0%	0	0	0	0.0%
461-0005-3 Metered Revenue - Mult Family	0	0	0	0.0%	0	0	0	0.0%
461-0033-3 Metered Revenue - Agricultural	0	0	0	0.0%	0	0	0	0.0%
461-0101-3 Unbilled Revenue - Residential	(17,879)	20,728	(38,606)	-186.3%	(17,879)	20,728	(38,606)	-186.3%
461-0102-3 Unbilled Revenue - Commercial	(28,538)	16,473	(45,011)	-273.2%	(28,538)	16,473	(45,011)	-273.2%
468-0000-3 Metered Revenue - Leak Adjusts	0	0	0	0.0%	0	0	0	0.0%
<b>Total Metered Revenue</b>	<b>433,058</b>	<b>513,615</b>	<b>(80,557)</b>	<b>-15.7%</b>	<b>6,097,840</b>	<b>5,814,365</b>	<b>283,475</b>	<b>4.9%</b>
Forfeited Discounts:								
470-0000-3 Forfeited Discounts	9,326	4,442	4,884	110.0%	84,207	86,445	(2,238)	-2.6%
<b>Total Forfeited Discounts</b>	<b>9,326</b>	<b>4,442</b>	<b>4,884</b>	<b>110.0%</b>	<b>84,207</b>	<b>86,445</b>	<b>(2,238)</b>	<b>-2.6%</b>
Miscellaneous Service Revenue:								
471-0000-3 Misc Service Revenue	2,038	2,495	(458)	-18.3%	33,870	37,222	(3,352)	-9.0%
<b>Total Miscellaneous Service Revenue</b>	<b>2,038</b>	<b>2,495</b>	<b>(458)</b>	<b>-18.3%</b>	<b>33,870</b>	<b>37,222</b>	<b>(3,352)</b>	<b>-9.0%</b>
Other Water Revenue:								
474-0000-3 Other Water Revenue	50	50	0	0.0%	600	600	0	0.0%
474-0001-3 Other Water Revenue - Meter Reading	0	0	0	0.0%	0	0	0	0.0%
<b>Total Other Water Revenue</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>0.0%</b>	<b>600</b>	<b>600</b>	<b>0</b>	<b>0.0%</b>
Interest Income:								
419-0000-3 Interest Income - Sinking/Misc	13,880	53,644	(39,765)	-74.1%	101,016	56,802	44,215	77.8%
419-0002-3 Interest Income - Customer Deposits	0	0	0	0.0%	0	0	0	0.0%
419-0002-3 Interest Income - Customer Deposits	1,919	0	1,919	0.0%	127,309	0	127,309	0.0%
419-0001-3 Interest Income - Depreciation Reserve Fund	(1,445)	4,272	(5,716)	-133.8%	204,033	35,187	168,846	479.9%
<b>Total Interest Income</b>	<b>14,355</b>	<b>57,916</b>	<b>(43,562)</b>	<b>-75.2%</b>	<b>432,359</b>	<b>91,989</b>	<b>340,370</b>	<b>370.0%</b>
Rental Income - Utility Property:								
472-0000-3 Rental Revenue - District Property	(4,761)	1,718	(6,479)	-377.1%	(14,876)	(5,225)	(9,651)	184.7%
<b>Total Rental Income - Utility Property</b>	<b>(4,761)</b>	<b>1,718</b>	<b>(6,479)</b>	<b>-377.1%</b>	<b>(14,876)</b>	<b>(5,225)</b>	<b>(9,651)</b>	<b>184.7%</b>
Disposition Gain \ (Losses):								
414-0000-3 Disposition - Gains / (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>Total Disposition Gain \ (Losses)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>Total Operating Revenue</b>	<b>454,066</b>	<b>580,237</b>	<b>(126,171)</b>	<b>-21.7%</b>	<b>6,634,000</b>	<b>6,025,396</b>	<b>608,604</b>	<b>10.1%</b>
<b>OPERATING EXPENSES</b>								
Salaries and Wages:								
601-1001-3 Wages - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
601-2002-3 Wages - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
601-5001-3 Wages - Trans & Distr (Oper)	4,138	6,113	(1,975)	-32.3%	63,630	64,882	(1,251)	-1.9%
601-6002-3 Wages - T & D (Maint)	3,469	7,191	(3,722)	-51.8%	73,232	69,660	3,572	5.1%
601-7001-3 Wages - Customer Accounts	6,500	6,542	(41)	-0.6%	85,005	77,127	7,879	10.2%
601-8001-3 Wages - Admin & Genl	8,804	6,041	2,762	45.7%	95,687	83,795	11,892	14.2%
<b>Total Salaries and Wages</b>	<b>22,911</b>	<b>25,887</b>	<b>(2,976)</b>	<b>-11.5%</b>	<b>317,555</b>	<b>295,463</b>	<b>22,092</b>	<b>7.5%</b>
Commissioner Fees:								
675-8011-3 Misc Expense - Commissioner Fee	1,250	1,250	0	0.0%	15,000	15,000	0	0.0%
<b>Total Commissioner Fees</b>	<b>1,250</b>	<b>1,250</b>	<b>0</b>	<b>0.0%</b>	<b>15,000</b>	<b>15,000</b>	<b>0</b>	<b>0.0%</b>
Employee Overhead:								
604-1001-3 Employee Overhead - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
604-5001-3 Employee Overhead - T & D (Oper)	2,956	3,692	(736)	-19.9%	35,892	37,175	(1,283)	-3.5%
604-6002-3 Employee Overhead - T & D (Maint)	2,478	4,343	(1,865)	-42.9%	41,094	39,843	1,252	3.1%
604-7001-3 Employee Overhead - Customer Accounts	4,643	3,951	692	17.5%	48,168	44,171	3,997	9.0%
604-8001-3 Employee Overhead - Admin & Genl	6,289	3,649	2,640	72.3%	54,485	47,883	6,602	13.8%

604-8011-3 Employee Overhead - Comm SS & Medicare	0	0	0	0.0%	0	0	0	0.0%
604-8200-3 Employee Overhead - Reimbursement Acct	0	0	0	0.0%	0	0	0	0.0%
<b>Total Employee Overhead</b>	<b>16,365</b>	15,635	731	4.7%	<b>179,639</b>	169,071	10,568	6.3%
<b>Purchased Water:</b>								
610-1001-3 Purchased Water	275,471	294,209	(18,738)	-6.4%	3,377,072	3,173,207	203,865	6.4%
610-1100-3 Purchased Water - Unbilled (BGMU)	(3,057)	30,086	(33,143)	-110.2%	(3,057)	30,086	(33,143)	-110.2%
<b>Total Purchased Water</b>	<b>272,414</b>	324,295	(51,881)	-16.0%	<b>3,374,015</b>	3,203,293	170,722	5.3%
<b>Purchased Power:</b>								
615-1001-3 Purchased Power - Source	13,014	13,441	(427)	-3.2%	157,890	155,590	2,299	1.5%
615-5001-3 Purchased Power - T & D	0	0	0	0.0%	0	0	0	0.0%
615-5011-3 Purchased Power - Master Mtrs	0	0	0	0.0%	0	0	0	0.0%
<b>Total Purchased Power</b>	<b>13,014</b>	13,441	(427)	-3.2%	<b>157,890</b>	155,590	2,299	1.5%
<b>Chemicals:</b>								
618-6002-3 Chemicals	1,776	3,790	(2,014)	-53.1%	30,983	37,385	(6,403)	-17.1%
<b>Total Chemicals</b>	<b>1,776</b>	3,790	(2,014)	-53.1%	<b>30,983</b>	37,385	(6,403)	-17.1%
<b>Materials &amp; Supplies:</b>								
620-1001-3 Matl & Supply - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
620-2002-3 Matl & Supply - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
620-5001-3 Matl & Supply - T & D (Oper)	168	0	168	0.0%	6,445	3,885	2,560	65.9%
620-6002-3 Matl & Supply - T & D (Maint)	8,459	378	8,081	2,136.1%	45,683	19,549	26,134	133.7%
620-7001-3 Matl & Supply - Customer Accts	172	0	172	0.0%	454	74	381	518.1%
620-8001-3 Matl & Supply - Admin & General	1,110	1,187	(77)	-6.5%	7,022	8,073	(1,050)	-13.0%
<b>Total Materials &amp; Supplies</b>	<b>9,908</b>	1,565	8,343	533.1%	<b>59,604</b>	31,580	28,025	88.7%
<b>Contractual Servs - Engineering:</b>								
631-1001-3 Contract Eng - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
631-7001-3 Contract Eng - Customer Accts	0	0	0	0.0%	0	0	0	0.0%
<b>Total Contractual Servs - Engineering</b>	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
<b>Contractual Servs - Accounting:</b>								
632-1001-3 Contract Acctg - Source (Oper)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-2002-3 Contract Acctg - Source (Maint)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-5001-3 Contract Acctg - T & D (Oper)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-6002-3 Contract Acctg - T & D (Maint)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-7001-3 Contract Acctg - Customer Acct	301	253	49	19.4%	3,500	3,022	478	15.8%
632-8001-3 Contract Acctg - Admin & Genl	301	325	(23)	-7.1%	3,500	3,094	406	13.1%
<b>Total Contractual Servs - Accounting</b>	<b>1,206</b>	1,082	124	11.4%	<b>14,000</b>	12,160	1,841	15.1%
<b>Contractual Servs - Legal:</b>								
633-1001-3 Contract Legal - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
633-2002-3 Contract Legal - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
633-5001-3 Contract Legal - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
633-6002-3 Contract Legal - T & D (Maint)	0	0	0	0.0%	0	0	0	0.0%
633-7001-3 Contract Legal - Customer Acct	0	0	0	0.0%	0	1,565	(1,565)	-100.0%
633-8001-3 Contract Legal - Admin & Genl	652	0	652	0.0%	5,136	880	4,256	483.5%
<b>Total Contractual Servs - Legal</b>	<b>652</b>	0	652	0.0%	<b>5,136</b>	2,446	2,691	110.0%
<b>Contractual Servs - Other:</b>								
635-1001-3 Contract Other - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
635-1021-3 Contract Other - Source (Alarm)	0	0	0	0.0%	0	0	0	0.0%
635-2002-3 Contract Other - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
635-4002-3 Contract Other - Water (Maint)	0	0	0	0.0%	0	0	0	0.0%
635-5001-3 Contract Other - T & D (Oper)	0	0	0	0.0%	1,637	80	1,557	1,954.7%
635-6002-3 Contract Other - T & D (Maint)	29,147	4,136	25,011	604.7%	94,158	42,695	51,463	120.5%
635-7001-3 Contract Other - Customer Acct	6,786	4,899	1,887	38.5%	63,808	58,814	4,994	8.5%
635-8001-3 Contract Other - Admin & Genl	7,835	6,538	1,296	19.8%	67,075	54,368	12,707	23.4%
<b>Total Contractual Servs - Other</b>	<b>43,768</b>	15,574	28,194	181.0%	<b>226,678</b>	155,956	70,722	45.3%
<b>Rental of Building &amp; Utilities:</b>								
641-1001-3 Rent & Utilities - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
641-5001-3 Rent & Utilities - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
641-5031-3 Rent & Utilities - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
641-7001-3 Rent & Utilities - Customer Acct	0	0	0	0.0%	0	0	0	0.0%
641-7011-3 Rent & Utilities - Customer Acct	0	0	0	0.0%	0	0	0	0.0%
641-8001-3 Rent & Utilities - Admin & Genl	0	0	0	0.0%	0	0	0	0.0%
<b>Total Rental of Building &amp; Utilities</b>	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
<b>Equipment Expense:</b>								
650-1001-3 Equipment Exp - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
650-2002-3 Equipment Exp - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
650-5001-3 Equipment Exp - T&D (Oper)	1,114	1,561	(447)	-28.6%	19,707	19,519	187	1.0%
650-6002-3 Equipment Exp - T&D (Maint)	588	1,914	(1,326)	-69.3%	17,668	18,714	(1,046)	-5.6%

650-7001-3 Equipment Exp - Customer Accts	0	0	0	0.0%	32	118	(87)	-73.4%
650-8001-3 Equipment Exp - Admin & Genl	40	0	40	0.0%	213	20	193	962.5%
Total Equipment Expense	1,742	3,475	(1,733)	-49.9%	37,618	38,371	(753)	-2.0%

Insurance - General Liability:

657-1001-3 Insurance G/L - Source (Oper)	504	402	103	25.5%	5,742	4,610	1,132	24.6%
657-5001-3 Insurance G/L - T & D (Oper)	294	234	60	25.5%	3,344	2,685	659	24.6%
657-7001-3 Insurance G/L - Customer Accts	294	234	60	25.5%	3,344	2,685	659	24.6%
657-8001-3 Insurance G/L - Admin & Genl	294	234	60	25.5%	3,344	2,685	659	24.6%
Total Insurance - General Liability	1,385	1,103	282	25.5%	15,775	12,664	3,111	24.6%

Insurance - Other:

659-1001-3 Insurance Other - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
659-5001-3 Insurance Other - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
659-8001-3 Insurance Other - Admin & Genl	212	212	(0)	-0.0%	2,545	2,545	(0)	-0.0%
Total Insurance - Other	212	212	(0)	-0.0%	2,545	2,545	(0)	-0.0%

Regulatory Expense:

408-0000-3 PSC Assessment	644	690	(46)	-6.6%	8,006	9,059	(1,053)	-11.6%
Total Regulatory Expense	644	690	(46)	-6.6%	8,006	9,059	(1,053)	-11.6%

Bad Debt Expense:

670-7001-3 Bad Debt Expense	240	(406)	646	-159.2%	4,466	1,064	3,403	319.8%
670-7010-3 Bad Debt Expense	0	0	0	0.0%	0	0	0	0.0%
Total Bad Debt Expense	240	(406)	646	-159.2%	4,466	1,064	3,403	319.8%

Miscellaneous Expenses:

675-1001-3 Misc Expense - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
675-2002-3 Misc Expense - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
675-5001-3 Misc Expense - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
675-6002-3 Misc Expense - T & D (Maint)	0	0	0	0.0%	0	0	0	0.0%
675-7001-3 Misc Expense - Customer Accts	(343)	0	(343)	0.0%	0	155	(155)	-100.0%
675-7021-3 Misc Expense - Cash Over/Short (CIS)	0	0	0	0.0%	0	0	0	0.0%
675-7025-3 Misc Expense - Customer FB (CIS)	0	0	0	0.0%	0	0	0	0.0%
675-8011-3 Misc Expense - Commissioner Fee	0	0	0	0.0%	0	0	0	0.0%
675-8001-3 Misc Expense - Admin & Genl	3,612	2,293	1,319	57.5%	17,777	8,527	9,249	108.5%
Total Miscellaneous Expenses	3,269	2,293	976	42.5%	17,777	8,682	9,094	104.7%

Subtotal - Operating Expenses	390,757	409,886	(19,130)	-4.7%	4,466,687	4,150,329	316,358	7.6%
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**OTHER EXPENSES**

Depreciation:

403-3041-3 Depr Expense - Improvement (Land)	147	854	(707)	-82.8%	1,764	1,767	(3)	-0.2%
403-3043-3 Depr Expense - Structures	39,461	1,167,279	(1,127,818)	-96.6%	466,097	1,339,979	(873,882)	-65.2%
403-3044-3 Depr Expense - Office Building	7,017	43,619	(36,602)	-83.9%	86,689	96,655	(9,966)	-10.3%
403-3112-3 Depr Expense - Equip (Elec Pumping)	7,314	(595,002)	602,316	-101.2%	86,600	(510,203)	596,803	-117.0%
403-3304-3 Depr Expense - Standpipes	0	0	0	0.0%	0	0	0	0.0%
403-3314-3 Depr Expense - Mains (Trans & Distr)	80,353	18,426	61,927	336.1%	931,730	889,732	41,998	4.7%
403-3324-3 Depr Expense - SCADA	(6,354)	7,758	(14,112)	-181.9%	12,441	17,190	(4,749)	-27.6%
403-3334-3 Depr Expense - Meters (Services)	21,744	73,405	(51,661)	-70.4%	241,093	218,791	22,302	10.2%
403-3344-3 Depr Expense - Meters	28,290	26,245	2,045	7.8%	67,295	56,364	10,931	19.4%
403-3345-3 Depr Expense - Meters (Installations)	140	250	(110)	-44.0%	1,661	1,829	(168)	-9.2%
403-3354-3 Depr Expense - Hydrants	0	0	0	0.0%	0	0	0	0.0%
403-3392-3 Depr Expense - Equipment (Pumping)	0	0	0	0.0%	0	0	0	0.0%
403-3400-3 Depr Expense - Software	1,496	2,862	(1,366)	-47.7%	14,772	15,537	(765)	-4.9%
403-3401-3 Depr Expense - Hardware	283	258	25	9.7%	3,278	3,101	177	5.7%
403-3402-3 Depr Expense - Datamatic	0	0	0	0.0%	0	0	0	0.0%
403-3405-3 Depr Expense - Furniture & Equipment	288	(875)	1,163	-132.9%	1,092	822	270	32.9%
403-3415-3 Depr Expense - Trucks & Equipment	0	0	0	0.0%	0	0	0	0.0%
403-3435-3 Depr Expense - Equipment (Tools)	79	(13,839)	13,918	-100.6%	950	(13,114)	14,064	-107.2%
403-3465-3 Depr Expense - Equip (Communication)	235	(4,527)	4,762	-105.2%	2,814	3,767	(953)	-25.3%
403-9000-3 Depreciation Expense (Old)	0	0	0	0.0%	0	0	0	0.0%
Total Depreciation	180,493	726,713	(546,220)	-75.2%	1,918,276	2,122,217	(203,941)	-9.6%

421-0000-3 Non-Utility Income	0	0	0	0.0%	(4)	(13)	9	-71.9%
421-0001-3 Non-Utility Income	0	0	0	0.0%	0	0	0	0.0%
Total Misc Non-Operating Income	0	0	0	0.0%	(4)	(13)	9	-71.9%

426-0000-3 Unrealized (Gain)/Loss on Investments	(39,712)	0	(39,712)	0.0%	(39,712)	0	(39,712)	0.0%
Total Misc Non-Operating Expense	(39,712)	0	(39,712)	0.0%	(39,712)	0	(39,712)	0.0%

Interest Expense:

427-3000-3 Interest Exp - Series 1970, USDA	0	0	0	0.0%	0	0	0	0.0%
427-3001-3 Interest Exp - Series 1993, USDA	0	0	0	0.0%	0	0	0	0.0%

427-3002-3 Interest Exp - Series 1995, USDA	0	0	0	0.0%	0	0	0	0.0%
427-3003-3 Interest Exp - KIA, Russellville Rd.	0	0	0	0.0%	0	0	0	0.0%
427-3004-3 Interest Exp - KIA, Barren River Rd (A98-02)	0	0	0	0.0%	0	0	0	0.0%
427-3005-3 Interest Exp - 2019 USDA	1,697	1,246	450	36.1%	14,819	14,974	(156)	-1.0%
427-3007-3 Interest Exp - Series 2003C, KRWFC	0	0	0	0.0%	0	0	0	0.0%
427-3008-3 Interest Exp - KIA, Buchanan Park	1,039	1,152	(112)	-9.8%	14,144	15,345	(1,201)	-7.8%
427-3009-3 Interest Exp - Series 2013B, KRWFC	105	121	(16)	-12.9%	1,292	1,569	(277)	-17.7%
427-3010-3 Interest Exp - KIA, Alvaton Area Improvemer	0	0	0	0.0%	0	0	0	0.0%
427-3023-3 Interest Exp - KIA, Plum Springs Rehab	5,194	3,148	2,046	65.0%	36,109	37,798	(1,689)	-4.5%
427-3025-3 Interest Exp - Series 2021A, KRWFC	2,887	3,368	(482)	-14.3%	35,129	40,372	(5,243)	-13.0%
427-3040-3 Interest Exp - Series 2022D, KRWFC	21,732	37,719	(15,987)	-42.4%	277,409	62,865	214,544	341.3%
427-4005-3 Interest Exp - Consumer Deposits	416	36	380	1,051.3%	4,926	397	4,529	1,139.8%
427-5010-3 Interest Exp - Other	0	0	0	0.0%	0	0	0	0.0%
429-1007-3 Amortized Debt Expense	0	0	0	0.0%	0	0	0	0.0%
429-1025-3 Am Prem/Disc-KRWFC, Series 2021A	(1,022)	(1,117)	95	-8.5%	(12,259)	(13,404)	1,145	-8.5%
Total Interest Expense	<b>32,047</b>	<b>45,673</b>	<b>(13,626)</b>	<b>-29.8%</b>	<b>371,569</b>	<b>159,917</b>	<b>211,652</b>	<b>132.4%</b>
Debt Expense:								
428-0000-3 Amortized Debt Expense	0	60,657	(60,657)	-100.0%	0	121,315	(121,315)	-100.0%
428-1025-3 Am Debt Gain/(Loss)-KRWFC, Series 2021A	0	0	0	0.0%	0	0	0	0.0%
428-2000-3 Amortized Debt Expense	(7,049)	0	(7,049)	0.0%	(7,049)	0	(7,049)	0.0%
Total Debt Expense	<b>(7,049)</b>	<b>60,657</b>	<b>(67,706)</b>	<b>-111.6%</b>	<b>(7,049)</b>	<b>121,315</b>	<b>(128,364)</b>	<b>-105.8%</b>
OPEB Expense								
604-8300-3 OPEB Expense	629	(53,881)	54,510	101.2%	8,618	(44,733)	53,352	-119.3%
Total OPEB Expense	<b>629</b>	<b>(53,881)</b>	<b>54,510</b>	<b>101.2%</b>	<b>8,618</b>	<b>(44,733)</b>	<b>53,352</b>	<b>-119.3%</b>
Subtotal - Other Expenses	<b>166,409</b>	<b>779,163</b>	<b>(612,754)</b>	<b>-78.6%</b>	<b>2,251,699</b>	<b>2,358,703</b>	<b>(107,003)</b>	<b>-4.5%</b>
Total Expenses	<b>557,166</b>	<b>1,189,049</b>	<b>(631,883)</b>	<b>-53.1%</b>	<b>6,718,386</b>	<b>6,509,032</b>	<b>209,354</b>	<b>3.2%</b>
NET INCOME \ (LOSS)	<b>(103,100)</b>	<b>(\$608,812)</b>	<b>\$505,712</b>	<b>83.1%</b>	<b>(84,386)</b>	<b>(\$483,636)</b>	<b>\$399,250</b>	<b>82.6%</b>



# Appendix B. Monthly Sales & Disposal

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
INPUT - Statistical Report  
Current Year

	No. of Months												
	12												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
<b>Source: Sewer MM Report &amp; CIS Infinity:</b>													
TOTAL Gallons Disposed (Sewer MM Report/SCADA Readings)	86,935,000	87,752,000	91,212,000	89,822,000	92,199,000	93,350,000	88,152,000	91,032,000	88,981,000	88,926,000	93,041,000	88,564,000	1,079,966,000
TOTAL Gallons Collected (CIS Infinity Gallons Billed)	108,346,493	105,167,408	108,524,378	107,318,349	114,440,529	129,365,317	120,665,095	126,054,791	129,078,793	129,106,540	122,451,910	108,034,202	1,408,553,805
Own Use	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Source: UMS Transaction Report for Month:</b>													
Gallons Collected - Residential	34,207,673	32,512,485	31,069,244	31,383,436	35,611,724	43,628,972	43,184,805	40,493,588	41,458,378	41,179,502	36,267,994	33,346,448	444,344,249
Gallons Collected - Commercial	74,138,820	72,654,923	77,455,134	75,934,913	78,828,805	85,736,345	77,480,290	85,561,203	87,620,415	87,927,038	86,183,916	74,687,754	964,209,556
TOTAL	108,346,493	105,167,408	108,524,378	107,318,349	114,440,529	129,365,317	120,665,095	126,054,791	129,078,793	129,106,540	122,451,910	108,034,202	1,408,553,805
	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Customers Billed - Residential	8,790	8,857	8,919	8,975	9,020	9,035	9,106	9,188	9,194	9,332	9,312	9,352	109,080
Customers Billed - Commercial	825	819	823	829	861	872	887	896	877	895	877	889	10,350
TOTAL	9,615	9,676	9,742	9,804	9,881	9,907	9,993	10,084	10,071	10,227	10,189	10,241	119,430
<b>Source: Revenue &amp; Expense Detail Report:</b>													
Metered Revenue - Residential	\$ 204,302	\$ 195,991	\$ 192,896	\$ 194,182	\$ 211,728	\$ 245,039	\$ 240,979	\$ 231,812	\$ 235,025	\$ 233,812	\$ 216,115	\$ 204,388	\$ 2,606,269
Metered Revenue - Commercial	\$ 274,740	\$ 271,383	\$ 284,402	\$ 279,000	\$ 288,557	\$ 312,690	\$ 285,135	\$ 311,228	\$ 320,241	\$ 320,960	\$ 314,564	\$ 275,341	\$ 3,538,241
TOTAL	\$ 479,042	\$ 467,374	\$ 477,298	\$ 473,182	\$ 500,285	\$ 557,729	\$ 526,114	\$ 543,040	\$ 555,266	\$ 554,772	\$ 530,679	\$ 479,728	\$ 6,144,509
TOTAL Expenses	\$ 543,011	\$ 547,340	\$ 570,419	\$ 548,820	\$ 575,725	\$ 570,602	\$ 548,538	\$ 579,120	\$ 555,489	\$ 558,958	\$ 563,197	\$ 590,600	\$ 6,751,819
<b>Source: Sewer Disposal Adjustment RJE:</b>													
Cost per 1000 Collected - MONTH	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285
Cost per 1000 Collected - YTD	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285	\$ 3.1285
<b>Source: Water Meter Applications Report:</b>													
New Meter Installations	31	37	70	47	50	32	73	58	59	38	87	19	601
<b>Source: Kentucky Mesonet (Warren PSPG)</b>													
Precipitation (in)	Dec Precip 3.00	Jan Precip 4.70	Feb Precip 3.40	Mar Precip 5.80	Apr Precip 2.30	May Precip 5.50	Jun Precip 2.60	Jul Precip 6.10	Aug Precip 3.60	Sep Precip 3.00	Oct Precip 1.80	Nov Precip 1.70	43.5
<b>Source: Feet \ Miles of Line Report (Derek):</b>													
Miles of Collection Main	216.33	218.7200	218.7200	218.7200	219.5700	219.5700	219.5700	219.5700	219.5700	219.5700	219.5700	219.5700	218.6600
	218.7200	218.7200	218.7200	218.7200	219.5700	219.5700	219.5700	219.5700	219.5700	219.5700	219.5700	218.6600	218.6600



# Appendix C. Monthly Sales by Meter

Monthly Sales for Test Year	Days per Month	Industrial								Industrial Sub-Total	CH- 5/8	CH- 1	CH- 1.5	CH- 2	Sub-Total	CO- 5/8
		IN 5/8	IN 1	IN 1.5	IN 2	IN 3	IN 4	IN 6								
January '23	31	3,473	9,533,401	17,212	33,108,524	1,763,200	8,528,032	7,575,000	60,528,842	13,478	14,931	43,000	5,339	76,748	1,025,243	
February '23	28	4,786	10,210,837	18,505	30,943,486	1,912,100	7,740,358	6,642,000	57,472,072	8,470	6,757	47,000	6,162	68,389	1,114,727	
March '23	31	4,618	10,703,250	35,352	34,302,557	2,118,300	8,473,799	8,280,000	63,917,876	11,752	8,432	17,900	3,660	41,744	988,895	
April '23	30	4,034	10,609,100	49,014	33,940,804	2,264,800	8,002,116	7,630,000	62,499,868	10,097	7,368	39,600	4,352	61,417	1,057,565	
May '23	31	4,448	11,892,107	17,479	33,776,964	2,436,200	8,955,896	7,313,000	64,396,094	11,291	10,666	38,900	5,654	66,511	958,114	
June '23	30	4,516	10,708,562	13,050	39,414,631	1,999,300	9,131,116	9,697,000	70,968,175	11,930	31,375	19,900	5,195	68,400	1,085,169	
July '23	31	4,424	9,644,394	61,463	34,056,287	1,759,000	8,965,658	8,738,000	63,229,226	20,484	13,226	24,300	6,761	64,771	1,094,625	
August '23	31	3,849	11,568,744	24,152	35,988,636	1,638,900	11,388,729	9,341,000	69,954,010	15,950	9,468	29,000	20,756	75,174	1,097,898	
September '23	30	3,725	10,962,920	49,226	38,365,874	2,152,000	9,853,970	10,182,000	71,569,715	21,873	9,322	16,600	12,115	59,910	1,170,935	
October '23	31	3,909	11,188,269	36,777	38,902,206	2,094,300	9,156,046	9,788,000	71,169,507	10,315	7,892	20,700	32,565	71,472	1,130,867	
November '23	30	4,130	11,170,022	52,774	41,266,532	2,384,500	6,906,888	8,752,000	70,536,846	14,684	8,570	18,300	20,585	62,139	1,056,720	
December '23	31	5,871	9,863,270	33,327	35,871,431	1,669,200	6,538,805	6,932,000	60,913,904	14,649	7,556	15,100	26,154	63,459	937,355	
<b>Total</b>	<b>365</b>	<b>51,783</b>	<b>128,054,876</b>	<b>408,331</b>	<b>429,937,932</b>	<b>24,191,800</b>	<b>103,641,413</b>	<b>100,870,000</b>	<b>787,156,135</b>	<b>164,973</b>	<b>135,563</b>	<b>330,300</b>	<b>149,298</b>	<b>780,134</b>	<b>12,718,113</b>	
% of Total									55.57%					0.06%		
Largest Monthly Value									71,569,715					76,748		
Maximum Day									2,385,657					2,476		
Maximum Day %									50.19%					0.05%		
Average Day									2,156,592					2,137		

Meter	5/8	1	1.5	2	3	4	6	Total
Gallons	452,045,729	192,166,249	22,737,080	487,030,856	53,641,430	108,074,517	100,870,000	1,416,565,861
Average Gallons/ Month	4,062	31,138	44,935	336,587	443,319	1,114,171	7,759,239	-
% of Total	31.91%	13.57%	1.61%	34.38%	3.79%	7.63%	7.12%	100.00%

Notes  
Data from Billing Analysis 2023 - Sewer.xlsx



**Commercial**

CO- 1	CO 1.5	CO 2	CO 3	CO 4	Sub-Total	GO- 5/8	GO 1	GO- 1.5	GO- 2	GO 3	GO- 4	Sub-Total	MF- 5/8	MF- 1	MF- 1.5	MF 2	MF- 3	Sub-Total
1,062,226	1,494,650	3,068,193	295,146	253,572	7,199,030	808	457,520	280,125	582,313	43,700	-	1,364,466	29,113	2,722,490	339,485	786,609	1,526,200	5,403,897
1,295,725	1,209,105	2,867,336	978,126	257,312	7,722,331	15,624	531,951	300,990	858,694	70,000	-	1,777,259	157,391	2,773,373	208,107	1,064,311	2,054,700	6,257,882
1,116,152	895,988	2,918,161	473,635	313,412	6,706,243	1,524	499,912	355,086	182,854	46,600	85,000	1,170,976	208,379	2,554,830	190,153	827,006	1,749,700	5,530,068
1,138,483	862,534	2,849,467	646,316	335,104	6,889,469	1,197	441,100	319,402	112,376	48,800	150,000	1,072,875	133,051	2,618,582	178,623	834,892	1,529,700	5,294,848
1,591,389	1,063,474	2,983,779	726,588	306,680	7,630,024	31,450	516,398	483,043	296,601	36,400	121,000	1,484,892	16,359	2,812,651	161,946	817,405	1,552,600	5,360,961
1,637,788	1,221,246	3,108,129	737,104	303,688	8,093,124	504	306,177	505,973	23,577	49,200	166,000	1,051,431	21,424	2,612,244	178,573	846,503	1,711,700	5,370,444
1,249,723	1,307,946	3,222,063	797,306	286,484	7,958,147	2,835	250,828	385,649	90,505	63,100	69,000	861,917	19,330	2,542,976	164,768	805,195	1,452,300	4,984,569
1,340,506	1,507,364	4,023,025	1,066,732	251,328	9,286,853	1,064	239,844	371,454	93,209	99,800	27,000	832,371	20,287	2,578,010	172,843	954,595	1,463,600	5,189,335
1,215,417	1,670,466	3,905,263	1,085,433	231,880	9,279,394	692	617,372	689,500	185,246	56,000	71,000	1,619,810	4,800	2,155,614	168,908	813,893	570,100	3,713,315
1,215,972	1,432,470	4,650,986	1,160,135	228,140	9,818,570	417	614,167	504,011	160,320	51,800	129,000	1,459,715	12,104	2,100,987	172,144	362,900	686,700	3,334,835
1,162,273	1,281,104	3,498,426	1,005,484	282,744	8,286,751	1,523	833,590	412,216	160,422	43,800	165,000	1,616,551	11,490	2,054,781	184,153	490,700	808,200	3,549,324
1,108,277	895,461	2,681,951	738,925	276,760	6,638,729	846	617,069	269,880	189,422	48,800	123,000	1,249,017	7,989	2,111,765	159,609	521,100	777,200	3,577,663
<b>15,133,931</b>	<b>14,841,808</b>	<b>39,776,779</b>	<b>9,710,930</b>	<b>3,327,104</b>	<b>95,508,665</b>	<b>58,484</b>	<b>5,925,928</b>	<b>4,877,329</b>	<b>2,935,539</b>	<b>658,000</b>	<b>1,106,000</b>	<b>15,561,280</b>	<b>641,717</b>	<b>29,638,303</b>	<b>2,279,312</b>	<b>9,125,109</b>	<b>15,882,700</b>	<b>57,567,141</b>
					6.74%							1.10%						4.06%
					9,818,570							1,777,259						6,257,882
					316,728							63,474						382,677
					6.66%							1.34%						8.05%
					261,668							42,634						157,718

						Residential							Smiths Grove			
MD- 5/8	MD- 1	MD- 2	MD- 3	Sub-Total	Commercial Sub-Total	RE- 5/8	RE- 1	RE- 2	Sub-Total	RN- 5/8	RN- 1	Sub-Total	Residential Sub-Total	SG- 5/8	SG- 1	SG- 2
-	-	-	-	-	14,044,141	32,453,990	582,867	21,300	33,058,157	-	-	-	33,058,157	1,290,626	211,429	261,502
-	-	-	-	-	15,825,861	30,078,123	499,396	10,700	30,588,219	1,787	-	1,787	30,590,006	2,143,700	215,784	276,777
-	-	-	-	-	13,449,031	29,377,873	492,434	15,700	29,886,007	57,910	-	57,910	29,943,917	1,337,512	199,010	229,226
-	-	-	-	-	13,318,609	29,534,528	517,102	14,600	30,066,230	210,665	-	210,665	30,276,895	1,295,136	204,503	229,304
-	-	-	-	-	14,542,388	31,873,313	624,343	9,900	32,507,556	1,782,861	14,567	1,797,428	34,304,984	1,489,197	224,081	259,279
-	-	-	-	-	14,583,399	38,025,110	802,508	14,300	38,841,918	3,595,608	17,766	3,613,374	42,455,292	1,331,917	209,455	250,552
-	-	-	-	-	13,869,404	37,369,185	868,636	15,300	38,253,121	3,557,554	31,733	3,589,287	41,842,408	1,478,248	351,223	246,127
-	24,432	-	-	24,432	15,408,165	34,791,860	730,024	13,000	35,534,884	3,810,405	33,248	3,843,653	39,378,537	1,309,181	315,115	226,157
12,225	537,161	116,844	752,500	1,418,730	16,091,159	35,162,124	725,599	12,600	35,900,323	4,257,266	42,104	4,299,370	40,199,693	1,409,773	313,874	237,181
14,700	561,987	562,207	789,500	1,928,394	16,612,986	34,855,164	699,772	13,100	35,568,036	4,429,978	44,794	4,474,772	40,042,808	1,290,857	311,506	264,836
15,191	577,603	613,215	859,000	2,065,009	15,579,774	31,708,122	572,202	16,100	32,296,424	2,887,246	28,921	2,916,167	35,212,591	1,226,712	277,688	250,655
10,264	591,157	619,924	797,000	2,018,345	13,547,213	28,913,136	502,245	18,900	29,434,281	2,692,401	29,680	2,722,081	32,156,362	1,329,211	291,699	286,913
<b>52,380</b>	<b>2,292,340</b>	<b>1,912,190</b>	<b>3,198,000</b>	<b>7,454,910</b>	<b>176,872,130</b>	<b>394,142,528</b>	<b>7,617,128</b>	<b>175,500</b>	<b>401,935,156</b>	<b>27,283,681</b>	<b>242,813</b>	<b>27,526,494</b>	<b>429,461,650</b>	<b>16,932,070</b>	<b>3,125,367</b>	<b>3,018,509</b>
				0.53%	12.49%				28.37%			1.94%	30.32%			
				2,065,009	19,995,468				38,841,918			4,474,772	43,316,690			
				68,834	834,188				1,294,731			144,347	1,439,078			
				1.45%	17.55%				27.24%			3.04%	30.28%			
				20,424	484,581				1,101,192			75,415	1,176,607			

Smiths Grove Sub-Total	Total
1,763,557	109,394,697
2,636,261	106,524,200
1,765,748	109,076,572
1,728,943	107,824,315
1,972,557	115,216,023
1,791,924	129,798,790
2,075,598	121,016,636
1,850,453	126,591,165
1,960,828	129,821,395
1,867,199	129,692,500
1,755,055	123,084,266
1,907,823	108,525,302
23,075,946	1,416,565,861
1.63%	100%
2,636,261	134,881,873
94,152	4,753,076
1.98%	100%
63,222	3,817,781

Monthly Sales for Test Year Adjusted	Days per Month	Industrial								Industrial Sub-Total	CH- 5/8	CH- 1	CH- 1.5	CH- 2	Sub-Total	CO- 5/8	CO- 1
		IN 5/8	IN 1	IN 1.5	IN 2	IN 3	IN 4	IN 6									
January '23	31	3,473	9,533,401	17,212	33,108,524	1,763,200	8,528,032	7,575,000	60,528,842	13,478	14,931	43,000	5,339	76,748	1,025,243	1,062,226	
February '23	28	4,786	10,210,837	18,505	30,943,486	1,912,100	7,740,358	6,642,000	57,472,072	8,470	6,757	47,000	6,162	68,389	1,114,727	1,295,725	
March '23	31	4,618	10,703,250	35,352	34,302,557	2,118,300	8,473,799	8,280,000	63,917,876	11,752	8,432	17,900	3,660	41,744	988,895	1,116,152	
April '23	30	4,034	10,609,100	49,014	33,940,804	2,264,800	8,002,116	7,630,000	62,499,868	10,097	7,368	39,600	4,352	61,417	1,057,565	1,138,483	
May '23	31	4,448	11,892,107	17,479	33,776,964	2,436,200	8,955,896	7,313,000	64,396,094	11,291	10,666	38,900	5,654	66,511	958,114	1,591,389	
June '23	30	4,516	10,708,562	13,050	39,414,631	1,999,300	9,131,116	9,697,000	70,968,175	11,930	31,375	19,900	5,195	68,400	1,085,169	1,637,788	
July '23	31	4,424	9,644,394	61,463	34,056,287	1,759,000	8,965,658	8,738,000	63,229,226	20,484	13,226	24,300	6,761	64,771	1,094,625	1,249,723	
August '23	31	3,849	11,568,744	24,152	35,988,636	1,638,900	11,388,729	9,341,000	69,954,010	15,950	9,468	29,000	20,756	75,174	1,097,898	1,340,506	
September '23	30	3,725	10,962,920	49,226	38,365,874	2,152,000	9,853,970	10,182,000	71,569,715	21,873	9,322	16,600	12,115	59,910	1,170,935	1,215,417	
October '23	31	3,909	11,188,269	36,777	38,902,206	2,094,300	9,156,046	9,788,000	71,169,507	10,315	7,892	20,700	32,565	71,472	1,130,867	1,215,972	
November '23	30	4,130	11,170,022	52,774	41,266,532	2,384,500	6,906,888	8,752,000	70,536,846	14,684	8,570	18,300	20,585	62,139	1,056,720	1,162,273	
December '23	31	5,871	9,863,270	33,327	35,871,431	1,669,200	6,538,805	6,932,000	60,913,904	14,649	7,556	15,100	26,154	63,459	937,355	1,108,277	
<b>Total</b>	<b>365</b>	<b>51,783</b>	<b>128,054,876</b>	<b>408,331</b>	<b>429,937,932</b>	<b>24,191,800</b>	<b>103,641,413</b>	<b>100,870,000</b>	<b>787,156,135</b>	<b>164,973</b>	<b>135,563</b>	<b>330,300</b>	<b>149,298</b>	<b>780,134</b>	<b>12,718,113</b>	<b>15,133,931</b>	
<b>% of Total</b>									<b>55.57%</b>					<b>0.06%</b>			
<b>Maximum Month</b>									<b>71,569,715</b>					<b>76,748</b>			
<b>Maximum Day</b>									<b>2,385,657</b>					<b>2,476</b>			
<b>Maximum Day %</b>									<b>50.19%</b>					<b>0.05%</b>			
<b>Average Day</b>									<b>2,156,592</b>					<b>2,137</b>			

Meter	5/8	1	1.5	2	3	4	6	Total
<b>Gallons</b>	<b>452,045,729</b>	<b>192,166,249</b>	<b>22,737,080</b>	<b>487,030,856</b>	<b>53,641,430</b>	<b>108,074,517</b>	<b>100,870,000</b>	<b>1,416,565,861</b>
<b>Average Gallons/ Month</b>	<b>4,062</b>	<b>31,138</b>	<b>44,935</b>	<b>336,587</b>	<b>443,319</b>	<b>1,114,171</b>	<b>7,759,239</b>	<b>-</b>
<b>% of Total</b>	<b>31.91%</b>	<b>13.57%</b>	<b>1.61%</b>	<b>34.38%</b>	<b>3.79%</b>	<b>7.63%</b>	<b>7.12%</b>	<b>100.00%</b>

Notes  
Data from Billing Analysis 2023 - Sewer.xlsx

**Commercial**

<b>CO 1.5</b>	<b>CO 2</b>	<b>CO 3</b>	<b>CO 4</b>	<b>Sub-Total</b>	<b>GO- 5/8</b>	<b>GO 1</b>	<b>GO- 1.5</b>	<b>GO- 2</b>	<b>GO 3</b>	<b>GO- 4</b>	<b>Sub-Total</b>	<b>MF- 5/8</b>	<b>MF- 1</b>	<b>MF- 1.5</b>	<b>MF 2</b>	<b>MF- 3</b>	<b>Sub-Total</b>	<b>MD- 5/8</b>
1,494,650	3,068,193	295,146	253,572	<b>7,199,030</b>	808	457,520	280,125	582,313	43,700	-	<b>1,364,466</b>	29,113	2,722,490	339,485	786,609	1,526,200	<b>5,403,897</b>	-
1,209,105	2,867,336	978,126	257,312	<b>7,722,331</b>	15,624	531,951	300,990	858,694	70,000	-	<b>1,777,259</b>	157,391	2,773,373	208,107	1,064,311	2,054,700	<b>6,257,882</b>	-
895,988	2,918,161	473,635	313,412	<b>6,706,243</b>	1,524	499,912	355,086	182,854	46,600	85,000	<b>1,170,976</b>	208,379	2,554,830	190,153	827,006	1,749,700	<b>5,530,068</b>	-
862,534	2,849,467	646,316	335,104	<b>6,889,469</b>	1,197	441,100	319,402	112,376	48,800	150,000	<b>1,072,875</b>	133,051	2,618,582	178,623	834,892	1,529,700	<b>5,294,848</b>	-
1,063,474	2,983,779	726,588	306,680	<b>7,630,024</b>	31,450	516,398	483,043	296,601	36,400	121,000	<b>1,484,892</b>	16,359	2,812,651	161,946	817,405	1,552,600	<b>5,360,961</b>	-
1,221,246	3,108,129	737,104	303,688	<b>8,093,124</b>	504	306,177	505,973	23,577	49,200	166,000	<b>1,051,431</b>	21,424	2,612,244	178,573	846,503	1,711,700	<b>5,370,444</b>	-
1,307,946	3,222,063	797,306	286,484	<b>7,958,147</b>	2,835	250,828	385,649	90,505	63,100	69,000	<b>861,917</b>	19,330	2,542,976	164,768	805,195	1,452,300	<b>4,984,569</b>	-
1,507,364	4,023,025	1,066,732	251,328	<b>9,286,853</b>	1,064	239,844	371,454	93,209	99,800	27,000	<b>832,371</b>	20,287	2,578,010	172,843	954,595	1,463,600	<b>5,189,335</b>	-
1,670,466	3,905,263	1,085,433	231,880	<b>9,279,394</b>	692	617,372	689,500	185,246	56,000	71,000	<b>1,619,810</b>	4,800	2,155,614	168,908	813,893	570,100	<b>3,713,315</b>	12,225
1,432,470	4,650,986	1,160,135	228,140	<b>9,818,570</b>	417	614,167	504,011	160,320	51,800	129,000	<b>1,459,715</b>	12,104	2,100,987	172,144	362,900	686,700	<b>3,334,835</b>	14,700
1,281,104	3,498,426	1,005,484	282,744	<b>8,286,751</b>	1,523	833,590	412,216	160,422	43,800	165,000	<b>1,616,551</b>	11,490	2,054,781	184,153	490,700	808,200	<b>3,549,324</b>	15,191
895,461	2,681,951	738,925	276,760	<b>6,638,729</b>	846	617,069	269,880	189,422	48,800	123,000	<b>1,249,017</b>	7,989	2,111,765	159,609	521,100	777,200	<b>3,577,663</b>	10,264
<b>14,841,808</b>	<b>39,776,779</b>	<b>9,710,930</b>	<b>3,327,104</b>	<b>95,508,665</b>	<b>58,484</b>	<b>5,925,928</b>	<b>4,877,329</b>	<b>2,935,539</b>	<b>658,000</b>	<b>1,106,000</b>	<b>15,561,280</b>	<b>641,717</b>	<b>29,638,303</b>	<b>2,279,312</b>	<b>9,125,109</b>	<b>15,882,700</b>	<b>57,567,141</b>	<b>52,380</b>
				<b>6.74%</b>							<b>1.10%</b>						<b>4.06%</b>	
				<b>9,818,570</b>							<b>1,777,259</b>						<b>6,257,882</b>	
				<b>316,728</b>							<b>63,474</b>						<b>382,677</b>	
				<b>6.66%</b>							<b>1.34%</b>						<b>8.05%</b>	
				<b>261,668</b>							<b>42,634</b>						<b>157,718</b>	

					Residential								Smiths Grove			
MD- 1	MD- 2	MD- 3	Sub-Total	Commercial Sub-Total	RE- 5/8	RE 1	RE- 2	Sub-Total	RN- 5/8	RN- 1	Sub-Total	Residential Sub-Total	SG- 5/8	SG- 1	SG- 2	Smiths Grove Sub-Total
-	-	-	-	14,044,141	32,453,990	582,867	21,300	33,058,157	-	-	-	33,058,157	1,290,626	211,429	261,502	1,763,557
-	-	-	-	15,825,861	30,078,123	499,396	10,700	30,588,219	1,787	-	1,787	30,590,006	2,143,700	215,784	276,777	2,636,261
-	-	-	-	13,449,031	29,377,873	492,434	15,700	29,886,007	57,910	-	57,910	29,943,917	1,337,512	199,010	229,226	1,765,748
-	-	-	-	13,318,609	29,534,528	517,102	14,600	30,066,230	210,665	-	210,665	30,276,895	1,295,136	204,503	229,304	1,728,943
-	-	-	-	14,542,388	31,873,313	624,343	9,900	32,507,556	1,782,861	14,567	1,797,428	34,304,984	1,489,197	224,081	259,279	1,972,557
-	-	-	-	14,583,399	38,025,110	802,508	14,300	38,841,918	3,595,608	17,766	3,613,374	42,455,292	1,331,917	209,455	250,552	1,791,924
-	-	-	-	13,869,404	37,369,185	868,636	15,300	38,253,121	3,557,554	31,733	3,589,287	41,842,408	1,478,248	351,223	246,127	2,075,598
24,432	-	-	24,432	15,408,165	34,791,860	730,024	13,000	35,534,884	3,810,405	33,248	3,843,653	39,378,537	1,309,181	315,115	226,157	1,850,453
537,161	116,844	752,500	1,418,730	16,091,159	35,162,124	725,599	12,600	35,900,323	4,257,266	42,104	4,299,370	40,199,693	1,409,773	313,874	237,181	1,960,828
561,987	562,207	789,500	1,928,394	16,612,986	34,855,164	699,772	13,100	35,568,036	4,429,978	44,794	4,474,772	40,042,808	1,290,857	311,506	264,836	1,867,199
577,603	613,215	859,000	2,065,009	15,579,774	31,708,122	572,202	16,100	32,296,424	2,887,246	28,921	2,916,167	35,212,591	1,226,712	277,688	250,655	1,755,055
591,157	619,924	797,000	2,018,345	13,547,213	28,913,136	502,245	18,900	29,434,281	2,692,401	29,680	2,722,081	32,156,362	1,329,211	291,699	286,913	1,907,823
<b>2,292,340</b>	<b>1,912,190</b>	<b>3,198,000</b>	<b>7,454,910</b>	<b>176,872,130</b>	<b>394,142,528</b>	<b>7,617,128</b>	<b>175,500</b>	<b>401,935,156</b>	<b>27,283,681</b>	<b>242,813</b>	<b>27,526,494</b>	<b>429,461,650</b>	<b>16,932,070</b>	<b>3,125,367</b>	<b>3,018,509</b>	<b>23,075,946</b>
			0.53%	12.49%				28.37%			1.94%	30.32%				1.63%
			2,065,009	19,995,468				38,841,918			4,474,772	43,316,690				2,636,261
			68,834	834,188				1,294,731			144,347	1,439,078				94,152
			1.45%	17.55%				27.24%			3.04%	30.28%				1.98%
			20,424	484,581				1,101,192			75,415	1,176,607				63,222

<b>Total</b>
109,394,697
106,524,200
109,076,572
107,824,315
115,216,023
129,798,790
121,016,636
126,591,165
129,821,395
129,692,500
123,084,266
108,525,302
1,416,565,861
100%
134,881,873
4,753,076
100%
3,817,781



# Appendix D. Allocated Utility Operation and Non-Operational Expenses



		Water & Sewer System Expense Allocation	Allocated Test Year		Allocation Percent		Test Year	Test Year w/ Defined Adjustments		Comments
#		Item	Sewer	Water	Sewer	Water	Combined	Sewer	Water	
Sewer	Water	Source								
601-1001-3	601-1001-2	Wages- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
601-2002-3	601-2002-2	Wages- Source (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
604-1001-3	604-1001-2	Employee Overhead- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
615-5001-3	615-5001-2	Purchased Power- Source	\$ 157,890	\$ 535,575	22.8%	77.2%	\$ 693,465	\$ 157,890	\$ 535,575	
-	615-1021-2	Purchased Power- Source (ENERNOC)	\$ -	\$ (7,959)	0.0%	100.0%	\$ (7,959)	\$ -	\$ (7,959)	
620-1001-3	620-1001-2	Materials & Supplies- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
620-2002-3	620-2002-2	Materials & Supplies- Source (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
631-1001-3	631-1001-2	Contract Engineering- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
632-1001-3	632-1001-2	Contract Accounting- Source (Oper)	\$ 1,750	\$ 1,817	49.1%	50.9%	\$ 3,567	\$ 1,750	\$ 1,817	
632-2002-3	632-2002-2	Contract Accounting- Source (Maint)	\$ 1,750	\$ 1,817	49.1%	50.9%	\$ 3,567	\$ 1,750	\$ 1,817	
633-1001-3	633-1001-2	Contract Legal- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
633-2002-3	633-2002-2	Contract Legal- Source (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
635-1001-3	635-1001-2	Contract Other- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
635-1021-3	635-1021-2	Contract Other- Source (Alarm)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
635-2002-3	635-2002-2	Contract Other- Source (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
641-1001-3	641-1001-2	Rent & Utilities- Source (Oper)	\$ -	\$ 4,924	0.0%	100.0%	\$ 4,924	\$ -	\$ 4,924	
650-1001-3	650-1001-2	Equipment Expense- Source (Oper)	\$ -	\$ 81	0.0%	100.0%	\$ 81	\$ -	\$ 81	
650-2002-3	650-2002-2	Equipment Expense- Source (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
657-1001-3	657-1001-2	Insurance G/L- Source (Oper)	\$ 5,742	\$ 11,569	33.2%	66.8%	\$ 17,311	\$ 5,742	\$ 11,569	
659-1001-3	659-1001-2	Insurance Other- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
675-1001-3	675-1001-2	Misc Expense- Source (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
675-2002-3	675-2002-2	Misc Expense- Source (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
610-1001-3	610-1001-2	Purchased Water	\$ 3,377,072	\$ 8,221,642	29.1%	70.9%	\$ 11,598,714	\$ 3,377,072	\$ 8,221,642	
610-1100-3	610-1100-2	Purchased Water - Unbilled (BGMU)	\$ (3,057)	\$ (72,033)	4.1%	95.9%	\$ (75,090)	\$ (3,057)	\$ (72,033)	
-	615-3001-2	Purchased Power Water Treat	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 3,541,147</b>	<b>\$ 8,697,433</b>			<b>\$ 12,238,580</b>	<b>\$ 3,541,147</b>	<b>\$ 8,697,433</b>	
<b>Transmission &amp; Distribution</b>										
601-5001-3	601-5001-2	Wages- T&D (Oper)	\$ 63,630	\$ 399,953	13.7%	86.3%	\$ 463,583	\$ 77,313	\$ 455,106	COLA 3.241% + 2% Merit increase, New Employee Salaries
601-6002-3	601-6002-2	Wages- T&D (Maint)	\$ 73,232	\$ 351,392	17.2%	82.8%	\$ 424,624	\$ 77,070	\$ 406,743	COLA 3.241% + 2% Merit increase, New Employee Salaries
604-5001-3	604-5001-2	Employee Overhead T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
604-6001-3	604-6001-2	Employee Overhead- T&D (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
615-5001-3	615-5001-2	Purchased Power- T&D	\$ -	\$ 7,616	0.0%	100.0%	\$ 7,616	\$ -	\$ 7,616	
-	615-5002-2	Purchased Power- T&D (ENERNOC)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
620-5001-3	620-5001-2	Materials & Supplies- T&D (Oper)	\$ 6,445	\$ 37,130	14.8%	85.2%	\$ 43,575	\$ 6,445	\$ 37,130	

620-6002-3	620-6002-2	Materials & Supplies- T&D (Maint)	\$ 45,683	\$ 261,520	14.9%	85.1%	\$ 307,203	\$ 45,683	\$ 261,520	
632-5001-3	632-5001-2	Contract Accounting- T&D (Oper)	\$ 1,750	\$ 1,817	49.1%	50.9%	\$ 3,567	\$ 1,750	\$ 1,817	
632-6002-3	632-6002-2	Contract Accounting- T&D (Maint)	\$ 1,750	\$ 1,817	49.1%	50.9%	\$ 3,567	\$ 1,750	\$ 1,817	
633-5001-3	633-5001-2	Contract Legal- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
633-6002-3	633-6002-2	Contract Legal- T&D (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
635-5001-3	635-5001-2	Contract Other- T&D (Oper)	\$ 1,637	\$ 50,543	3.1%	96.9%	\$ 52,180	\$ 1,637	\$ 50,543	
635-6002-3	635-6002-2	Contract Other- T&D (Maint)	\$ 94,158	\$ 178,649	34.5%	65.5%	\$ 272,807	\$ 94,158	\$ 178,649	
641-5001-3	641-5001-2	Rent & Utilities- T&D (Oper)	\$ -	\$ 18,877	0.0%	100.0%	\$ 18,877	\$ -	\$ 18,877	
641-5031-3	641-5031-2	Rent & Utilities- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
650-5001-3	650-5001-2	Equipment Expense- T&D (Oper)	\$ 19,707	\$ 108,465	15.4%	84.6%	\$ 128,172	\$ 19,707	\$ 108,465	
650-6002-3	650-6002-2	Equipment Expense- T&D (Maint)	\$ 17,668	\$ 98,814	15.2%	84.8%	\$ 116,482	\$ 17,668	\$ 98,814	
657-5001-3	657-5001-2	Insurance G/L- T&D (Oper)	\$ 3,344	\$ 49,168	6.4%	93.6%	\$ 52,512	\$ 3,344	\$ 49,168	
659-5001-3	659-5001-2	Insurance Other- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
675-5001-3	675-5001-2	Misc Expense- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
675-6002-3	675-6002-2	Misc Expense- T&D (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
618-6002-3	-	Chemicals	\$ 30,983	\$ -	100.0%	0.0%	\$ 30,983	\$ 30,983	\$ -	
635-4002-3	635-4002-2	Contract Other- Water (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		Payroll Taxes- T&D (Oper)	\$ 5,468	\$ 34,386	13.7%	86.3%	\$ 39,854	\$ 6,609	\$ 39,011	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Wages (OH)- T&D (Oper)	\$ 9,695	\$ 60,966	13.7%	86.3%	\$ 70,661	\$ 11,718	\$ 69,166	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Worker's Compensation- T&D (Oper)	\$ 356	\$ 2,236	13.7%	86.3%	\$ 2,591	\$ 430	\$ 2,536	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Fringe Benefits- Insurance- T&D (Oper)	\$ 7,669	\$ 48,229	13.7%	86.3%	\$ 55,898	\$ 8,867	\$ 52,188	
		Retirement- T&D (Oper)	\$ 12,704	\$ 79,891	13.7%	86.3%	\$ 92,595	\$ 15,355	\$ 90,636	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Payroll Taxes- T&D (Maint)	\$ 6,261	\$ 30,320	17.1%	82.9%	\$ 36,580	\$ 6,589	\$ 35,045	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Wages (OH)- T&D (Maint)	\$ 11,100	\$ 53,756	17.1%	82.9%	\$ 64,856	\$ 11,682	\$ 62,133	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Worker's Compensation- T&D (Maint)	\$ 407	\$ 1,971	17.1%	82.9%	\$ 2,378	\$ 428	\$ 2,279	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Fringe Benefits- Insurance- T&D (Maint)	\$ 8,781	\$ 42,525	17.1%	82.9%	\$ 51,306	\$ 8,781	\$ 46,923	Depreciation- Developments
		Retirement- T&D (Maint)	\$ 14,546	\$ 70,443	17.1%	82.9%	\$ 84,989	\$ 15,308	\$ 81,421	COLA 3.241% + 2% Merit increase, Depreciation- Developments
<b>Sub-Total</b>			<b>\$ 436,973</b>	<b>\$ 1,990,484</b>			<b>\$ 2,427,457</b>	<b>\$ 463,274</b>	<b>\$ 2,157,603</b>	
<b>Customer Accounts</b>										
601-7001-3	601-7001-2	Wages	\$ 85,005	\$ 528,041	13.9%	86.1%	\$ 613,046	\$ 128,783	\$ 623,912	COLA 3.241% + 2% Merit increase, New Employee Salaries
604-7001-3	604-7001-2	Employee Overhead	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase, New Employee Salaries
620-7001-3	620-7001-2	Materials & Supplies	\$ 454	\$ 17,514	2.5%	97.5%	\$ 17,968	\$ 454	\$ 17,514	
631-7001-3	631-7001-2	Contract Engineering	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
632-7001-3	632-7001-2	Contract Accounting	\$ 3,500	\$ 3,633	49.1%	50.9%	\$ 7,133	\$ 3,500	\$ 3,633	
633-7001-3	633-7001-2	Contract Legal	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
635-7001-3	635-7001-2	Contract Other	\$ 63,808	\$ 224,862	22.1%	77.9%	\$ 288,670	\$ 63,808	\$ 224,862	
641-7001-3	641-7001-2	Rent & Utilities	\$ -	\$ 28,725	0.0%	100.0%	\$ 28,725	\$ -	\$ 28,725	
641-7011-3	641-7011-2	Rent & Utilities	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	

650-7001-3	650-7001-2	Equipment Expenses	\$ 32	\$ 79,805	0.0%	100.0%	\$ 79,837	\$ 32	\$ 79,805	
657-7001-3	657-7001-2	Insurance G/L	\$ 3,344	\$ 5,784	36.6%	63.4%	\$ 9,128	\$ 3,344	\$ 5,784	
675-7001-3	675-7001-2	Misc Expense	\$ -	\$ 5,246	0.0%	100.0%	\$ 5,246	\$ -	\$ 5,246	
		Payroll Taxes	\$ 7,338	\$ 45,540	13.9%	86.1%	\$ 52,878	\$ 11,092	\$ 53,769	COLA 3.241% + 2% Merit increase, CSR Wages
		Wages	\$ 13,011	\$ 80,741	13.9%	86.1%	\$ 93,752	\$ 19,665	\$ 95,330	COLA 3.241% + 2% Merit increase, CSR Wages
		Worker's Compensation	\$ 477	\$ 2,961	13.9%	86.1%	\$ 3,438	\$ 721	\$ 3,496	COLA 3.241% + 2% Merit increase, CSR Wages
		Fringe Benefits- Insurance	\$ 10,292	\$ 63,872	13.9%	86.1%	\$ 74,164	\$ 15,017	\$ 72,066	CSR Wages
		Retirement	\$ 17,049	\$ 105,805	13.9%	86.1%	\$ 122,854	\$ 25,769	\$ 124,923	COLA 3.241% + 2% Merit increase, CSR Wages
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 204,311</b>	<b>\$ 1,192,529</b>			<b>\$ 1,396,840</b>	<b>\$ 272,185</b>	<b>\$ 1,339,065</b>	
<b>Admin &amp; General</b>										
601-8001-3	601-8001-2	Wages	\$ 95,687	\$ 482,363	16.6%	83.4%	\$ 578,050	\$ 136,400	\$ 625,593	COLA 3.241% + 2% Merit increase, New Employees
604-8001-3	604-8001-2	Employee Overhead	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
620-8001-3	620-8001-2	Materials & Supplies	\$ 7,022	\$ 31,108	18.4%	81.6%	\$ 38,130	\$ 7,022	\$ 31,108	
632-8001-3	632-8001-2	Contract Accounting	\$ 3,500	\$ 3,633	49.1%	50.9%	\$ 7,133	\$ 3,500	\$ 3,633	
633-8001-3	633-8001-2	Contract Legal	\$ 5,136	\$ 16,922	23.3%	76.7%	\$ 22,058	\$ 5,136	\$ 16,922	
635-8001-3	635-8001-2	Contract Other	\$ 67,075	\$ 318,815	17.4%	82.6%	\$ 385,890	\$ 67,075	\$ 318,815	
641-8001-3	641-8001-2	Rent & Utilities	\$ -	\$ 4,924	0.0%	100.0%	\$ 4,924	\$ -	\$ 4,924	
650-8001-3	650-8001-2	Equipment Expenses	\$ 213	\$ 9,716	2.1%	97.9%	\$ 9,929	\$ 213	\$ 9,716	
657-8001-3	657-8001-2	Insurance G/L	\$ 3,344	\$ 5,784	36.6%	63.4%	\$ 9,128	\$ 3,344	\$ 5,784	
659-8001-3	659-8001-2	Insurance Other	\$ 2,545	\$ 2,843	47.2%	52.8%	\$ 5,388	\$ 2,545	\$ 2,843	
675-8001-3	675-8001-2	Misc Expesne	\$ 17,777	\$ 50,260	26.1%	73.9%	\$ 68,037	\$ 17,777	\$ 50,260	
675-8011-3	675-8011-2	Misc Expense- Commissioner Fee	\$ 15,000	\$ 15,000	50.0%	50.0%	\$ 30,000	\$ 15,000	\$ 15,000	
604-8011-3	604-8011-2	Commissioner SS & Medicare	\$ -	\$ 2,295	0.0%	100.0%	\$ 2,295	\$ -	\$ 2,295	COLA 3.241% + 2% Merit increase
		Payroll Taxes	\$ 8,301	\$ 41,725	16.6%	83.4%	\$ 50,025	\$ 11,702	\$ 53,712	COLA 3.241% + 2% Merit increase, New Employees
		Wages	\$ 14,717	\$ 73,976	16.6%	83.4%	\$ 88,693	\$ 20,747	\$ 95,229	COLA 3.241% + 2% Merit increase, New Employees
		Worker's Compensation	\$ 540	\$ 2,713	16.6%	83.4%	\$ 3,253	\$ 761	\$ 3,492	COLA 3.241% + 2% Merit increase, New Employees
		Fringe Benefits- Insurance	\$ 11,642	\$ 58,521	16.6%	83.4%	\$ 70,163	\$ 15,802	\$ 72,266	New Employees
		Retirement	\$ 19,285	\$ 96,940	16.6%	83.4%	\$ 116,226	\$ 27,187	\$ 124,790	COLA 3.241% + 2% Merit increase, New Employees
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 271,784</b>	<b>\$ 1,217,538</b>			<b>\$ 1,489,322</b>	<b>\$ 334,211</b>	<b>\$ 1,436,383</b>	
<b>Unclassified</b>										
604-8200-3	604-8200-2	Employee Overhead- Reimbursement Acct	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
615-5011-3	615-5011-2	Purchased Power- Master Mtrs	\$ -	\$ 4,902	0.0%	100.0%	\$ 4,902	\$ -	\$ 4,902	
-	615-7001-2	Purchased Power- Property	\$ -	\$ 2,376	0.0%	100.0%	\$ 2,376	\$ -	\$ 2,376	
-	415-0000-2	Reimbursement- Trucks & Equipment	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
-	416-0000-3	Expense - Trucks & Equipment	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
408-0000-3	408-0000-2	PSC Assessment	\$ 8,006	\$ 20,980	27.6%	72.4%	\$ 28,986	\$ 8,006	\$ 20,980	

670-7001-3	670-7001-2	Bad Debt Expense	\$ 4,466	\$ 20,960	17.6%	82.4%	\$ 25,426	\$ 4,466	\$ 20,960	
670-7010-3	-	Bad Debt Expense	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
675-7021-3	675-7021-2	Misc Expense- Cash Over/Short (CIS)	\$ -	\$ (3)	0.0%	100.0%	\$ (3)	\$ -	\$ (3)	
675-7025-3	675-7025-2	Misc Expense- Customer FB (CIS)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
421-0000-3	-	Non-Utility Income	\$ (4)	\$ -	100.0%	0.0%	\$ (4)	\$ (4)	\$ -	
421-0001-3	421-0001-2	Non-Utility Income- Miscellaneous	\$ -	\$ (11,001)	0.0%	100.0%	\$ (11,001)	\$ -	\$ (11,001)	
426-0000-3	426-0000-2	Unrealized (Gain)/Loss on Investments	\$ (39,712)	\$ 3,996	111.2%	-11.2%	\$ (35,716)	\$ (39,712)	\$ 3,996	
		Rate Case Expenses	\$ -	\$ -	-	-	\$ -	\$ 43,724	\$ 64,495	Legal fee, HDR fees, Publication Costs (Distributed over 3 years)
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		<b>Sub-Total</b>	\$ (27,244)	\$ 42,210			\$ 14,966	\$ 16,480	\$ 106,705	
		<b>Depreciation Expense</b>								
403-3041-3		Improvement (Land)	\$ 1,764	\$ -	100.0%	0.0%	\$ 1,764	\$ 1,764	\$ -	
403-3043-3	403-3043-2	Structures	\$ 466,097	\$ 205,951	69.4%	30.6%	\$ 672,048	\$ 473,530	\$ 205,951	Depreciation-Developments
403-3044-3		Office Building	\$ 86,689	\$ -	100.0%	0.0%	\$ 86,689	\$ 86,689	\$ -	
403-3112-3	403-3112-2	Equip (Elec Plumbing)	\$ 86,600	\$ 133,962	39.3%	60.7%	\$ 220,562	\$ 86,600	\$ 133,962	
403-3304-3	403-3304-2	Standpipes	\$ -	\$ 420,299	0.0%	100.0%	\$ 420,299	\$ -	\$ 420,299	Depreciation-Developments, Transpark 2 Upgrade
403-3314-3	403-3314-2	Mains (T&D)	\$ 931,730	\$ 1,112,300	45.6%	54.4%	\$ 2,044,030	\$ 986,946	\$ 1,224,339	Depreciation- SCADA Upgrade
403-3324-3	403-3324-2	SCADA	\$ 12,441	\$ 62,241	16.7%	83.3%	\$ 74,682	\$ 135,055	\$ 250,510	Depreciation-Developments
403-3334-3	403-3334-2	Meters (Services)	\$ 241,093	\$ 337,967	41.6%	58.4%	\$ 579,060	\$ 278,938	\$ 337,967	
403-3344-3	403-3344-2	Meters	\$ 67,295	\$ 973,066	6.5%	93.5%	\$ 1,040,361	\$ 67,295	\$ 973,066	MCO
403-3345-3	403-3345-2	Meters (Installations)	\$ 1,661	\$ 179,775	0.9%	99.1%	\$ 181,436	\$ 1,661	\$ 342,155	Depreciation-Developments, Transpark 2 Upgrade
403-3354-3	403-3354-2	Hydrants	\$ -	\$ 114,119	0.0%	100.0%	\$ 114,119	\$ -	\$ 127,101	
403-3392-3	403-3392-2	Equipment (Plumbing)	\$ -	\$ 12	0.0%	100.0%	\$ 12	\$ -	\$ 12	
403-3400-3	403-3400-2	Software	\$ 14,772	\$ 123,372	10.7%	89.3%	\$ 138,144	\$ 37,002	\$ 196,824	Billing Software
403-3401-3	403-3401-2	Hardware	\$ 3,278	\$ 68,319	4.6%	95.4%	\$ 71,597	\$ 3,278	\$ 68,319	
403-3402-3	403-3402-2	Datamatic	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
403-3405-3	403-3405-2	Furniture & Equipment	\$ 1,092	\$ 606	64.3%	35.7%	\$ 1,698	\$ 1,092	\$ 606	
403-3415-3	403-3435-2	Trucks & Equipment	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
403-3435-3	403-3435-2	Equipment (Tools)	\$ 950	\$ -	100.0%	0.0%	\$ 950	\$ 950	\$ -	
403-3465-3	403-3465-2	Equip (Communication)	\$ 2,814	\$ 21,250	11.7%	88.3%	\$ 24,064	\$ 2,814	\$ 21,250	
403-9000-3	403-9000-2	Depreciation Expense (Old)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
-	403-3044-2	Structures	\$ -	\$ -	-	-	\$ -	\$ -	\$ 123,171	Depreciation- Transpark 2 Tank
	403-3047-2	505 Hwy 31 W (Block Bldg)	\$ -	\$ 5,988	0.0%	100.0%	\$ 5,988	\$ -	\$ 5,988	
	403-3048-2	505 Hwy 31 W (Rental Bldg)	\$ -	\$ 4,116	0.0%	100.0%	\$ 4,116	\$ -	\$ 4,116	
	403-3203-2	Equipment	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
	403-3320-2	Unidentified Assets	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
	403-3394-2	Equipment (T&D)	\$ -	\$ 6	0.0%	100.0%	\$ 6	\$ -	\$ 6	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	

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			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 1,918,276</b>	<b>\$ 3,763,349</b>			<b>\$ 5,681,625</b>	<b>\$ 2,163,615</b>	<b>\$ 4,435,642</b>	
<b>Interest Expense</b>										
427-3000-3	427-3000-2	Series 1970, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3001-3	427-3001-2	Series 1993, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3002-3	427-3002-2	Series 1995, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3003-3		KIA Russellville Rd	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3004-3		KIA Barren River Rd (A98-02)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3005-3		2019 USDA	\$ 14,819	\$ -	100.0%	0.0%	\$ 14,819	\$ 17,783	\$ -	20% Debt Service Coverage
427-3007-3		Series 2003C, KRWFC	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3008-3		KIA, Buchanan Park (C11-02)	\$ 14,144	\$ -	100.0%	0.0%	\$ 14,144	\$ 14,071	\$ -	20% Debt Service Coverage
427-3009-3		Series 2013B, KRWFC	\$ 1,292	\$ -	100.0%	0.0%	\$ 1,292	\$ 984	\$ -	20% Debt Service Coverage
427-3010-3		KIA, Alvanton Area Improvement	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3023-3		KIA, Plum Springs Rehab	\$ 36,109	\$ -	100.0%	0.0%	\$ 36,109	\$ 39,319	\$ -	20% Debt Service Coverage
427-3025-3		Series 2021A, KRWFC	\$ 35,129	\$ -	100.0%	0.0%	\$ 35,129	\$ 33,953	\$ -	20% Debt Service Coverage
427-3040-3		Series 2022D, KRWFC	\$ 277,409	\$ -	100.0%	0.0%	\$ 277,409	\$ 346,694	\$ -	20% Debt Service Coverage
427-4005-3		Consumer Deposits	\$ 4,926	\$ -	100.0%	0.0%	\$ 4,926	\$ 5,911	\$ -	20% Debt Service Coverage
427-5010-3		Other	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
429-1007-3		Amortized Debt Expense	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
429-1025-3		Am Prem/Disc-KRWFC, Series 2021A	\$ (12,259)	\$ -	100.0%	0.0%	\$ (12,259)	\$ (12,259)	\$ -	
	427-3003-2	Series 2004A, Refunding	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3004-2	KIA, So KY Industrial/Hwy 31W	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3005-2	KIA, So KY Industrial Park	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3006-2	Series 2005A, USDA	\$ -	\$ 39,540	0.0%	100.0%	\$ 39,540	\$ -	\$ 45,220	20% Debt Service Coverage
	427-3007-2	-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3008-2	Series 1998, Refunding	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3009-2	Series 1998B, Revenue	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3010-2	Series 1999 A, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3011-2	KRWFC 2003, KRWFC	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3012-2	Series 2003C, KRWFC	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3013-2	Series 2013B, KRWFC	\$ -	\$ 18,892	0.0%	100.0%	\$ 18,892	\$ -	\$ 13,960	20% Debt Service Coverage
	427-3014-2	Series 2016B, KRWFC	\$ -	\$ 37,922	0.0%	100.0%	\$ 37,922	\$ -	\$ 37,068	20% Debt Service Coverage
	427-3020-2	KIA Morgantown Rd Improvements	\$ -	\$ 54,693	0.0%	100.0%	\$ 54,693	\$ -	\$ 65,632	20% Debt Service Coverage
	427-3036-2	Series 2021A, KRWFC	\$ -	\$ 43,655	0.0%	100.0%	\$ 43,655	\$ -	\$ 39,785	20% Debt Service Coverage
	427-3036-2	Series 2022D, KRWFC	\$ -	\$ 104,697	0.0%	100.0%	\$ 104,697	\$ -	\$ 130,846	20% Debt Service Coverage
	427-4005-2	Consumer Deposits	\$ -	\$ 15,005	0.0%	100.0%	\$ 15,005	\$ -	\$ 15,005	20% Debt Service Coverage
	427-5010-2	Other	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1004-2	Amortized Prem/Disc Exp- Rev Bonds, Series 2004A	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1005-2	Amortized Prem/Disc Exp- KRWFC, Series 2006A	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1006-2	Amortized Prem/Disc Exp- KRWFC, Series 2012B	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1007-2	Amortized Prem/Disc Exp- KRWFC, Series 2013B	\$ -	\$ 844	0.0%	100.0%	\$ 844	\$ -	\$ 1,013	20% Debt Service Coverage
	429-1008-2	Amortized Prem/Disc Exp- KRWFC, Series 2016B	\$ -	\$ (1,973)	0.0%	100.0%	\$ (1,973)	\$ -	\$ (1,973)	
	429-1036-2	Amortized Prem/Disc Exp- KRWFC, Series 2021A	\$ -	\$ (11,561)	0.0%	100.0%	\$ (11,561)	\$ -	\$ (11,561)	

			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
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			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			\$ 371,569	\$ 301,714			\$ 673,283	\$ 446,456	\$ 334,993	
<b>Debt Expense</b>										
428-0000-3	428-0000-2	Amortized Debt Expense	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
-	428-1000-2	Amortized Debt Gain/Loss KRWFC Series 2016B	\$ -	\$ 1,192	0.0%	100.0%	\$ 1,192	\$ -	\$ 1,192	
428-1025-3	428-1036-2	Amortized Debt Gain/Loss KRWFC Series 2021A	\$ -	\$ 2,055	0.0%	100.0%	\$ 2,055	\$ -	\$ 2,055	
428-2000-3	-	Amortized Debt Expense	\$ (7,049)	\$ -	100.0%	0.0%	\$ (7,049)	\$ (7,049)	\$ -	
-	428-2000-2	Debt Issuance Expense	\$ -	\$ (2,384)	0.0%	100.0%	\$ (2,384)	\$ -	\$ (2,384)	
604-8300-3	604-8300-2	OPEB Expense	\$ 8,618	\$ 29,230	22.8%	77.2%	\$ 37,848	\$ 8,618	\$ 29,230	20% Debt Service Coverage
		Bonds- Series 2020, USDA	\$ 7,500	\$ -	100.0%	0.0%	\$ 7,500	\$ 9,800	\$ -	20% Debt Service Coverage
		Loan- KIA, Buchanon Park (C11-02)	\$ 40,587	\$ -	100.0%	0.0%	\$ 40,587	\$ 51,727	\$ -	20% Debt Service Coverage
		Loan- Series 2013B, RWFA	\$ 9,871	\$ -	100.0%	0.0%	\$ 9,871	\$ 11,845	\$ -	20% Debt Service Coverage
		Loan - KIA, Plum Springs Rehab (B19-006)	\$ 85,570	\$ -	100.0%	0.0%	\$ 85,570	\$ 106,868	\$ -	20% Debt Service Coverage
		Loan- Series 2021A, KRWFC	\$ 100,000	\$ -	100.0%	0.0%	\$ 100,000	\$ 114,000	\$ 162,000	20% Debt Service Coverage
		Loan- Series 2022D, KRWFC	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
		Bond- Series 2005A, USDA (RD)	\$ -	\$ 26,000	0.0%	100.0%	\$ 26,000	\$ -	\$ 33,600	20% Debt Service Coverage
		Loan- Series 2013B, KRWFC	\$ -	\$ 140,129	0.0%	100.0%	\$ 140,129	\$ -	\$ 168,155	20% Debt Service Coverage
		Loan- Series 2016B, KRWFC	\$ -	\$ 165,000	0.0%	100.0%	\$ 165,000	\$ -	\$ 202,000	20% Debt Service Coverage
		Loan- Series 2020 KIA	\$ -	\$ 78,818	0.0%	100.0%	\$ 78,818	\$ -	\$ 100,415	20% Debt Service Coverage
		Loan- Series 2021A KRWFC	\$ -	\$ 155,000	0.0%	100.0%	\$ 155,000	\$ -	\$ -	20% Debt Service Coverage
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			\$ 245,097	\$ 595,040			\$ 840,137	\$ 295,809	\$ 696,263	
<b>Total</b>			\$ 6,961,913	\$ 17,800,297			\$ 24,762,210	\$ 7,533,177	\$ 19,204,088	

Notes  
 Data from 2023 Financials - Water Division Revenue & Expenses FINAL.pdf  
 Data from 2023 Financials - Sewer Division Revenue & Expenses FINAL.pdf  
 Debt principal & interest- WATER LT Debt Schedule.xlsx  
 Debt principal & interest- SEWER LT Debt Schedule.xlsx  
 Employee Overhead Allocation- Employee Overhead Rate- Adjusted.xlsx  
 Sewer Depreciation Adjustments- WC Known Measurables.xlsx- Developments-S, SCADA Upgrade, CIS Infinity Upgrade  
 Water Depreciation Adjustments- WC Known Measurables.xlsx- Developments-W, Transpark 2 Upgrade, Transpark 2 Tank, SCADA Upgrade, CIS Infinity Upgrade, MCO Program  
 Cost of Living Adjustment- See Cost of Living History.xlsx



# Appendix E. Allocated Utility Revenues

		Water & Sewer System Revenue Allocation	Allocated Test Year		Allocation Percent		Test Year	Test Year w/ Defined Adjustments		Comments
Code			Sewer	Water	Sewer	Water	Combined	Sewer	Water	
Sewer	Water	Metered Revenue								
460-0000-3	460-0000-2	Unmetered Revenue-Check Valves	\$ -	\$ -			\$ -	\$ -	\$ -	
461-0001-3	461-0001-2	Metered Revenue-Residential	\$ 2,606,013	\$ 10,121,995	20.5%	79.5%	\$ 12,728,008	\$ 2,606,013	\$ 10,121,995	
461-0002-3	461-0002-2	Metered Revenue-Commercial	\$ 847,443	\$ 2,805,185	23.2%	76.8%	\$ 3,652,628	\$ 847,443	\$ 2,805,185	
461-0003-3	461-0003-2	Metered Revenue-Industrial	\$ 2,690,800	\$ 2,971,463	47.5%	52.5%	\$ 5,662,263	\$ 2,690,800	\$ 2,971,463	
461-0004-3	461-0004-2	Metered Revenue-City/County/State/Fed	\$ -	\$ -			\$ -	\$ -	\$ -	
461-0005-3	461-0005-2	Metered Revenue-Mult Family	\$ -	\$ -			\$ -	\$ -	\$ -	
461-0006-3	461-0006-2	Metered Revenue-Bulk Loading	\$ -	\$ -			\$ -	\$ -	\$ -	
461-0033-3	461-0033-2	Metered Revenue-Agricultural	\$ -	\$ 20,811	0.0%	100.0%	\$ 20,811	\$ -	\$ 20,811	
461-0101-3	461-0101-2	Unbilled Revenue-Residential	\$ -	\$ -			\$ -	\$ -	\$ -	
461-0102-3	461-0102-2	Unbilled Revenue-Commercial & Industrial	\$ -	\$ -			\$ -	\$ -	\$ -	
461-0000-3	461-0000-2	Metered Revenue-Fire Protect	\$ -	\$ 161,466	0.0%	100.0%	\$ 161,466	\$ -	\$ 161,466	
461-0000-3	461-0000-2	Metered Revenue-Irrigation	\$ -	\$ -			\$ -	\$ -	\$ -	
461-0000-3	461-0000-2	Metered Revenue-Leak Adjusts	\$ -	\$ 1,981	0.0%	100.0%	\$ 1,981	\$ -	\$ 1,981	
		<b>Sub-Total</b>	<b>\$ 6,144,256</b>	<b>\$ 16,082,901</b>			<b>\$ 22,227,157</b>	<b>\$ 6,144,256</b>	<b>\$ 16,082,901</b>	
		<b>Interest Income</b>								
419-0000-3	419-0000-2	Interest Income-Sinking/Misc	\$ 101,016	\$ 54,565	64.9%	35.1%	\$ 155,581	\$ 101,016	\$ 54,565	
419-0002-3	419-0003-2	Interest Income-Depreciation Reserve	\$ -	\$ (102)	0.0%	100.0%	\$ (102)	\$ -	\$ (102)	
-	419-0004-2	Interest Income-DSR (SC Bank)	\$ -	\$ -			\$ -	\$ -	\$ -	
-	419-0008-2	Interest Income-Depreciation Reserve	\$ -	\$ 48,048	0.0%	100.0%	\$ 48,048	\$ -	\$ 48,048	
419-0001-3	419-0008-2	Interest Income-Depreciation Reserve	\$ 204,033	\$ 156,561	56.6%	43.4%	\$ 360,594	\$ 204,033	\$ 156,561	
-	419-0009-2	Interest Income-Customer Deposits	\$ -	\$ -			\$ -	\$ -	\$ -	
-	419-0001-2	Interest Income-Depreciation Reserve Fund	\$ -	\$ -			\$ -	\$ -	\$ -	
419-0002-3	-	Interest Income-Customer Deposits	\$ -	\$ -			\$ -	\$ -	\$ -	
419-0002-3	-	Interest Income-Customer Deposits	\$ 127,309	\$ -	100.0%	0.0%	\$ 127,309	\$ 127,309	\$ -	
		<b>Sub-Total</b>	<b>\$ 432,358</b>	<b>\$ 259,072</b>			<b>\$ 691,430</b>	<b>\$ 432,358</b>	<b>\$ 259,072</b>	
		<b>Unclassified</b>								
470-000-3	470-0000-2	Fortified Discounts	\$ 84,207	\$ 207,919	28.8%	71.2%	\$ 292,126	\$ 84,207	\$ 207,919	
471-0000-3	471-0000-2	Misc Service Revenue	\$ 33,870	\$ 267,538	11.2%	88.8%	\$ 301,408	\$ 33,870	\$ 267,538	
474-0000-3	474-0000-2	Other Water Revenue	\$ 600	\$ 600	50.0%	50.0%	\$ 1,200	\$ 600	\$ 600	
474-0001-3	474-0001-2	Other Water Revenue-Meter Reading	\$ -	\$ -			\$ -	\$ -	\$ -	
472-0000-3	472-0000-2	Rental Revenue-District Property	\$ (14,876)	\$ 136,825	-12.2%	112.2%	\$ 121,949	\$ (14,876)	\$ 136,825	
	421-0000-2	Non-Utility Income-Southern Recycling	\$ -	\$ -			\$ -	\$ -	\$ -	
	421-0002-2	Non-Utility Income-Storm Water Agency	\$ -	\$ 70,540	0.0%	100.0%	\$ 70,540	\$ -	\$ 70,540	
414-0000-3	414-0000-2	Disposition - Gains / (Losses)	\$ -	\$ 32,445	0.0%	100.0%	\$ 32,445	\$ -	\$ 32,445	
		<b>Sub-Total</b>	<b>\$ 103,801</b>	<b>\$ 715,867</b>			<b>\$ 819,668</b>	<b>\$ 103,801</b>	<b>\$ 715,867</b>	
		<b>Total</b>	<b>\$ 6,680,415</b>	<b>\$ 17,057,840</b>			<b>\$ 23,738,255</b>	<b>\$ 6,680,415</b>	<b>\$ 17,057,840</b>	

Notes

Data from 2023 Financials - Water Division Revenue & Expenses FINAL.pdf

Data from 2023 Financials - Sewer Division Revenue & Expenses FINAL.pdf





# Appendix F. Sewer Collection and Disposal Calculated Allocations

**Allocation Methods**

Test Year	GPD	GPM
Average Day	3,881,002	2,695
Maximum Day	4,326,626	3,005

Allocation Factors Based on Expense Type for Service	Service Function	Base	Max Day / Extra Capacity	Customer Costs
Avg Day Only	AD	100.0%	0%	0%
Avg Day + Max Day	ADM	89.7%	10.3%	0%
Customer Costs	CC	0%	0%	100.0%

Test Year - User Allocations for Service Functions (Distribution)	Churches & Community Center	Commercial	Government	Industrial	Multi-Family Non Domicile (MF)	Multi-Family Domicile (MD)	Residential Non-Domicile (RN)	Residential Domicile (RE)	Smiths Grove	Total
Base	0.06%	6.74%	1.10%	55.57%	4.06%	0.53%	1.94%	28.37%	1.63%	100.0%
Maximum Day	0.05%	6.66%	1.34%	50.19%	8.05%	1.45%	3.04%	27.24%	1.98%	100.0%
Customer Class	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%

Test Year - User Allocations for Service Functions (Distribution)	Industrial	Commercial	Residential	Smiths Grove	Total
Base	55.57%	12.49%	30.32%	1.63%	100.0%
Maximum Day	50.19%	17.55%	30.28%	1.98%	100.0%
Customer Class	55.6%	12.49%	30.32%	1.63%	100.0%

Notes

Calculated from Billing Analysis 2023 - Sewer.xlsx

**Allocation Methods**

Test Year Adjusted	GPD	GPM
Average Day	3,881,002	2,695
Maximum Day	4,326,626	3,005

Allocation Factors Based on Expense Type for Service Functions	Service Function	Base	Max Day / Extra Capacity	Customer Costs
Avg Day Only	AD	100.0%	0%	0%
Avg Day + Max Day	ADM	89.7%	10.3%	0%
Customer Costs	CC	0%	0%	100.0%

Test Year Adjusted User Allocations for Service Functions (Distribution)	Churches & Community Center	Commercial	Government	Industrial	Multi-Family Non Domicile	Multi-Family Domicile	Residential Non-Domicile	Residential Domicile	Smiths Grove	Total
Base	0.06%	6.74%	1.10%	55.57%	4.06%	0.53%	1.94%	28.37%	1.63%	100.0%
Maximum Day	0.1%	6.66%	1.34%	50.19%	8.05%	1.45%	3.04%	27.24%	1.98%	100.0%
Customer Class	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.0%

Test Year Adjusted User Allocations for Service Functions (Distribution)	Industrial	Commercial	Residential	Smiths Grove	Total
Base	55.57%	12.49%	30.32%	1.63%	100.0%
Maximum Day	50.19%	17.55%	30.28%	1.98%	100.0%
Customer Class	55.6%	12.49%	30.32%	1.63%	100.0%

Notes

Calculated from 2023 Monthly Sales & Disposal - Sewer



# Appendix G. Sewer System Cost-of-Service by Function

Water System Cost of Service by Function for Test Year	Source	Transmission & Distribution	Customer Accounts	Admin & General	Unclassified	Depreciation Expense	Interest Expense	Debt Expense	Test Year Amount <sup>1</sup>	Industrial	Commerical	Residential	Smiths Grove
Item													
Base	\$ 3,177,376	\$ 433,782	\$ 204,311	\$ 271,784	\$ (27,244)	\$ 1,918,276	\$ 371,569	\$ 245,097	\$ 6,594,951	\$ 3,664,677	\$ 823,444	\$ 1,999,398	\$ 107,432
Maximum Day	\$ 363,771	\$ 3,191	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 366,962	\$ 184,185	\$ 64,404	\$ 111,104	\$ 7,269
Customer Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 3,541,147</b>	<b>\$ 436,973</b>	<b>\$ 204,311</b>	<b>\$ 271,784</b>	<b>\$ (27,244)</b>	<b>\$ 1,918,276</b>	<b>\$ 371,569</b>	<b>\$ 245,097</b>	<b>\$ 6,961,913</b>	<b>\$ 3,848,862</b>	<b>\$ 887,848</b>	<b>\$ 2,110,502</b>	<b>\$ 114,701</b>
<b>Percent</b>									<b>100.0%</b>	<b>55.3%</b>	<b>12.8%</b>	<b>30.3%</b>	<b>1.6%</b>

Notes

Allocated from 2023 Financials - Sewer Division Revenue & Expenses Final.pdf

Water System Cost of Service by Function for Test Year Adjusted	Source	Transmission & Distribution	Customer Accounts	Admin & General	Unclassified	Depreciation Expense	Interest Expense	Debt Expense	Test Year Amount <sup>1</sup>	Industrial	Commerical	Residential	Smiths Grove
Item													
Base	\$ 3,177,376	\$ 460,083	\$ 272,185	\$ 334,211	\$ 16,480	\$ 2,163,615	\$ 446,456	\$ 295,809	\$ 7,166,215	\$3,982,116	\$ 894,772	\$2,172,588	\$116,738
Maximum Day	\$ 363,771	\$ 3,191	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 366,962	\$ 184,185	\$ 64,404	\$ 111,104	\$ 7,269
Customer Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 3,541,147</b>	<b>\$ 463,274</b>	<b>\$ 272,185</b>	<b>\$ 334,211</b>	<b>\$ 16,480</b>	<b>\$ 2,163,615</b>	<b>\$ 446,456</b>	<b>\$ 295,809</b>	<b>\$ 7,533,177</b>	<b>\$4,166,302</b>	<b>\$ 959,176</b>	<b>\$2,283,693</b>	<b>\$124,007</b>
<b>Percent</b>									<b>100.0%</b>	<b>55.3%</b>	<b>12.7%</b>	<b>30.3%</b>	<b>1.6%</b>

Notes

Allocated from 2023 Financials - Sewer Division Revenue & Expenses Final.pdf



# Appendix H. Sewer System Category Cost-of-Service by Customer Class

	Water System Cost of Service by Function for Test Year		Test Year Adjusted	Service Function	Base	Maximum Day	Customer Costs	Notes
	Item	Source						
Sewer	Source							
601-1001-3	Wages- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
601-2002-3	Wages- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
604-1001-3	Employee Overhead- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- Source		\$ 157,890	ADM	\$ 141,628	\$ 16,262	\$ -	
-	Purchased Power- Source (ENERNOC)		\$ -	ADM	\$ -	\$ -	\$ -	
620-1001-3	Materials & Supplies- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
620-2002-3	Materials & Supplies- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
631-1001-3	Contract Engineering- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
632-1001-3	Contract Accounting- Source (Oper)		\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
632-2002-3	Contract Accounting- Source (Maint)		\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
633-1001-3	Contract Legal- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
633-2002-3	Contract Legal- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
635-1001-3	Contract Other- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
635-1021-3	Contract Other- Source (Alarm)		\$ -	AD	\$ -	\$ -	\$ -	
635-2002-3	Contract Other- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
641-1001-3	Rent & Utilities- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
650-1001-3	Equipment Expense- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
650-2002-3	Equipment Expense- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
657-1001-3	Insurance G/L- Source (Oper)		\$ 5,742	AD	\$ 5,742	\$ -	\$ -	
659-1001-3	Insurance Other- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
675-1001-3	Misc Expense- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
675-2002-3	Misc Expense- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
610-1001-3	Purchased Water		\$ 3,377,072	ADM	\$ 3,029,248	\$ 347,824	\$ -	
610-1100-3	Purchased Water - Unbilled (BGMU)		\$ (3,057)	ADM	\$ (2,742)	\$ (315)	\$ -	
-	Purchased Power Water Treat		\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 3,541,147</b>		<b>\$ 3,177,376</b>	<b>\$ 363,771</b>	<b>\$ -</b>	
<b>Transmission &amp; Distribution</b>								
601-5001-3	Wages- T&D (Oper)		\$ 63,630	AD	\$ 63,630	\$ -	\$ -	
601-6002-3	Wages- T&D (Maint)		\$ 73,232	AD	\$ 73,232	\$ -	\$ -	
604-5001-3	Employee Overhead T&D (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
604-6001-3	Employee Overhead- T&D (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- T&D		\$ -	AD	\$ -	\$ -	\$ -	
-	Purchased Power- T&D (ENERNOC)		\$ -	AD	\$ -	\$ -	\$ -	
620-5001-3	Materials & Supplies- T&D (Oper)		\$ 6,445	AD	\$ 6,445	\$ -	\$ -	
620-6002-3	Materials & Supplies- T&D (Maint)		\$ 45,683	AD	\$ 45,683	\$ -	\$ -	
632-5001-3	Contract Accounting- T&D (Oper)		\$ 1,750	AD	\$ 1,750	\$ -	\$ -	



632-6002-3	Contract Accounting- T&D (Maint)	\$ 1,750	AD	\$ 1,750	\$ -	\$ -
633-5001-3	Contract Legal- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
633-6002-3	Contract Legal- T&D (Maint)	\$ -	AD	\$ -	\$ -	\$ -
635-5001-3	Contract Other- T&D (Oper)	\$ 1,637	AD	\$ 1,637	\$ -	\$ -
635-6002-3	Contract Other- T&D (Maint)	\$ 94,158	AD	\$ 94,158	\$ -	\$ -
641-5001-3	Rent & Utilities- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
641-5031-3	Rent & Utilities- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
650-5001-3	Equipment Expense- T&D (Oper)	\$ 19,707	AD	\$ 19,707	\$ -	\$ -
650-6002-3	Equipment Expense- T&D (Maint)	\$ 17,668	AD	\$ 17,668	\$ -	\$ -
657-5001-3	Insurance G/L- T&D (Oper)	\$ 3,344	AD	\$ 3,344	\$ -	\$ -
659-5001-3	Insurance Other- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
675-5001-3	Misc Expense- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
675-6002-3	Misc Expense- T&D (Maint)	\$ -	AD	\$ -	\$ -	\$ -
618-6002-3	Chemicals	\$ 30,983	ADM	\$ 27,792	\$ 3,191	\$ -
635-4002-3	Contract Other- Water (Maint)	\$ -	AD	\$ -	\$ -	\$ -
	Payroll Taxes- T&D (Oper)	\$ 5,468	AD	\$ 5,468	\$ -	\$ -
	Wages (OH)- T&D (Oper)	\$ 9,695	AD	\$ 9,695	\$ -	\$ -
	Worker's Compensation- T&D (Oper)	\$ 356	AD	\$ 356	\$ -	\$ -
	Fringe Benefits- Insurance- T&D (Oper)	\$ 7,669	AD	\$ 7,669	\$ -	\$ -
	Retirement- T&D (Oper)	\$ 12,704	AD	\$ 12,704	\$ -	\$ -
	Payroll Taxes- T&D (Maint)	\$ 6,261	AD	\$ 6,261	\$ -	\$ -
	Wages (OH)- T&D (Maint)	\$ 11,100	AD	\$ 11,100	\$ -	\$ -
	Worker's Compensation- T&D (Maint)	\$ 407	AD	\$ 407	\$ -	\$ -
	Fringe Benefits- Insurance- T&D (Maint)	\$ 8,781	AD	\$ 8,781	\$ -	\$ -
	Retirement- T&D (Maint)	\$ 14,546	AD	\$ 14,546	\$ -	\$ -
	<b>Sub-Total</b>	<b>\$ 436,973</b>		<b>\$ 433,782</b>	<b>\$ 3,191</b>	<b>\$ -</b>
	<b>Customer Accounts</b>					
601-7001-3	Wages	\$ 85,005	AD	\$ 85,005	\$ -	\$ -
604-7001-3	Employee Overhead	\$ -	AD	\$ -	\$ -	\$ -
620-7001-3	Materials & Supplies	\$ 454	AD	\$ 454	\$ -	\$ -
631-7001-3	Contract Engineering	\$ -	AD	\$ -	\$ -	\$ -
632-7001-3	Contract Accounting	\$ 3,500	AD	\$ 3,500	\$ -	\$ -
633-7001-3	Contract Legal	\$ -	AD	\$ -	\$ -	\$ -
635-7001-3	Contract Other	\$ 63,808	AD	\$ 63,808	\$ -	\$ -
641-7001-3	Rent & Utilities	\$ -	AD	\$ -	\$ -	\$ -
641-7011-3	Rent & Utilities	\$ -	AD	\$ -	\$ -	\$ -
650-7001-3	Equipment Expenses	\$ 32	AD	\$ 32	\$ -	\$ -
657-7001-3	Insurance G/L	\$ 3,344	AD	\$ 3,344	\$ -	\$ -
675-7001-3	Misc Expense	\$ -	AD	\$ -	\$ -	\$ -
	Payroll Taxes	\$ 7,338	AD	\$ 7,338	\$ -	\$ -
	Wages	\$ 13,011	AD	\$ 13,011	\$ -	\$ -
	Worker's Compensation	\$ 477	AD	\$ 477	\$ -	\$ -
	Fringe Benefits- Insurance	\$ 10,292	AD	\$ 10,292	\$ -	\$ -
	Retirement	\$ 17,049	AD	\$ 17,049	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	<b>Sub-Total</b>	<b>\$ 204,311</b>		<b>\$ 204,311</b>	<b>\$ -</b>	<b>\$ -</b>

		<b>Admin &amp; General</b>						
601-8001-3	Wages	\$ 95,687	AD	\$ 95,687	\$ -	\$ -	\$ -	
604-8001-3	Employee Overhead	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
620-8001-3	Materials & Supplies	\$ 7,022	AD	\$ 7,022	\$ -	\$ -	\$ -	
632-8001-3	Contract Accounting	\$ 3,500	AD	\$ 3,500	\$ -	\$ -	\$ -	
633-8001-3	Contract Legal	\$ 5,136	AD	\$ 5,136	\$ -	\$ -	\$ -	
635-8001-3	Contract Other	\$ 67,075	AD	\$ 67,075	\$ -	\$ -	\$ -	
641-8001-3	Rent & Utilities	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
650-8001-3	Equipment Expenses	\$ 213	AD	\$ 213	\$ -	\$ -	\$ -	
657-8001-3	Insurance G/L	\$ 3,344	AD	\$ 3,344	\$ -	\$ -	\$ -	
659-8001-3	Insurance Other	\$ 2,545	AD	\$ 2,545	\$ -	\$ -	\$ -	
675-8001-3	Misc Expesne	\$ 17,777	AD	\$ 17,777	\$ -	\$ -	\$ -	
675-8011-3	Misc Expense- Commissioner Fee	\$ 15,000	AD	\$ 15,000	\$ -	\$ -	\$ -	
604-8011-3	Commissioner SS & Medicare	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
	Payroll Taxes	\$ 8,301	AD	\$ 8,301	\$ -	\$ -	\$ -	
	Wages	\$ 14,717	AD	\$ 14,717	\$ -	\$ -	\$ -	
	Worker's Compensation	\$ 540	AD	\$ 540	\$ -	\$ -	\$ -	
	Fringe Benefits- Insurance	\$ 11,642	AD	\$ 11,642	\$ -	\$ -	\$ -	
	Retirement	\$ 19,285	AD	\$ 19,285	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
<b>Sub-Total</b>		<b>\$ 271,784</b>		<b>\$ 271,784</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
		<b>Unclassified</b>						
604-8200-3	Employee Overhead- Reimbursement Acct	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
615-5011-3	Purchased Power- Master Mtrs	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
-	Purchased Power- Property	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
-	Reimbursement- Trucks & Equipment	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
-	Expense - Trucks & Equipment	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
408-0000-3	PSC Assessment	\$ 8,006	AD	\$ 8,006	\$ -	\$ -	\$ -	
670-7001-3	Bad Debt Expense	\$ 4,466	AD	\$ 4,466	\$ -	\$ -	\$ -	
670-7010-3	Bad Debt Expense	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
675-7021-3	Misc Expense- Cash Over/Short (CIS)	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
675-7025-3	Misc Expense- Customer FB (CIS)	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
421-0000-3	Non-Utility Income	\$ (4)	AD	\$ (4)	\$ -	\$ -	\$ -	
421-0001-3	Non-Utility Income- Miscellaneous	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
426-0000-3	Unrealized (Gain)/Loss on Investments	\$ (39,712)	AD	\$ (39,712)	\$ -	\$ -	\$ -	
	Rate Case Expenses	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	\$ -	
<b>Sub-Total</b>		<b>\$ (27,244)</b>		<b>\$ (27,244)</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	
		<b>Depreciation Expense</b>						
403-3041-3	Improvement (Land)	\$ 1,764	AD	\$ 1,764	\$ -	\$ -	\$ -	



427-4005-3	Consumer Deposits	\$ 4,926	AD	\$ 4,926	\$ -	\$ -
427-5010-3	Other	\$ -	AD	\$ -	\$ -	\$ -
429-1007-3	Amortized Debt Expense	\$ -	AD	\$ -	\$ -	\$ -
429-1025-3	Am Prem/Disc-KRWFC, Series 2021A	\$ (12,259)	AD	\$ (12,259)	\$ -	\$ -
	Series 2004A, Refunding	\$ -	AD	\$ -	\$ -	\$ -
	KIA, So KY Industrial/Hwy 31W	\$ -	AD	\$ -	\$ -	\$ -
	KIA, So KY Industrial Park	\$ -	AD	\$ -	\$ -	\$ -
	Series 2005A, USDA	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	Series 1998, Refunding	\$ -	AD	\$ -	\$ -	\$ -
	Series 1998B, Revenue	\$ -	AD	\$ -	\$ -	\$ -
	Series 1999 A, USDA	\$ -	AD	\$ -	\$ -	\$ -
	KRWFC 2003, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2003C, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2013B, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2016B, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	KIA Morgantown Rd Improvements	\$ -	AD	\$ -	\$ -	\$ -
	Series 2021A, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2022D, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Consumer Deposits	\$ -	AD	\$ -	\$ -	\$ -
	Other	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- Rev Bonds, Series 2004A	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2006A	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2012B	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2013B	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2016B	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2021A	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	<b>Sub-Total</b>	<b>\$ 371,569</b>		<b>\$ 371,569</b>	<b>\$ -</b>	<b>\$ -</b>
	<b>Debt Expense</b>					
428-0000-3	Amortized Debt Expense	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Debt Gain/Loss KRWFC Series 2016B	\$ -	AD	\$ -	\$ -	\$ -
428-1025-3	Amortized Debt Gain/Loss KRWFC Series 2021A	\$ -	AD	\$ -	\$ -	\$ -
428-2000-3	Amortized Debt Expense	\$ (7,049)	AD	\$ (7,049)	\$ -	\$ -
	Debt Issuance Expense	\$ -	AD	\$ -	\$ -	\$ -
604-8300-3	OPEB Expense	\$ 8,618	AD	\$ 8,618	\$ -	\$ -
	Bonds- Series 2020, USDA	\$ 7,500	AD	\$ 7,500	\$ -	\$ -
	Loan- KIA, Buchanon Park (C11-02)	\$ 40,587	AD	\$ 40,587	\$ -	\$ -
	Loan- Series 2013B, RWFA	\$ 9,871	AD	\$ 9,871	\$ -	\$ -
	Loan - KIA, Plum Springs Rehab (B19-006)	\$ 85,570	AD	\$ 85,570	\$ -	\$ -
	Loan- Series 2021A, KRWFC	\$ 100,000	AD	\$ 100,000	\$ -	\$ -

Loan- Series 2022D, KRWFC	\$	-	AD	\$	-	\$	-	\$	-
Bond- Series 2005A, USDA (RD)	\$	-	AD	\$	-	\$	-	\$	-
Loan- Series 2013B, KRWFC	\$	-	AD	\$	-	\$	-	\$	-
Loan- Series 2016B, KRWFC	\$	-	AD	\$	-	\$	-	\$	-
Loan- Series 2020 KIA	\$	-	AD	\$	-	\$	-	\$	-
Loan- Series 2021A KRWFC	\$	-	AD	\$	-	\$	-	\$	-
-	\$	-	AD	\$	-	\$	-	\$	-
-	\$	-	AD	\$	-	\$	-	\$	-
<b>Sub-Total</b>	\$	<b>245,097</b>		\$	<b>245,097</b>	\$	<b>-</b>	\$	<b>-</b>
<b>Total</b>	\$	<b>6,961,913</b>		\$	<b>6,594,951</b>	\$	<b>366,962</b>	\$	<b>-</b>

Notes

Data adjusted from WCWD Revenue & Expenses Detail- Sewer

Water System Cost of Service by Function for Test Year Adjusted		Test Year Adjusted	Service Function	Base	Maximum Day	Customer Costs	Notes
	Item						
Sewer	Source						
601-1001-3	Wages- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase COLA 3.241% + 2% Merit increase COLA 3.241% + 2% Merit increase
601-2002-3	Wages- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
604-1001-3	Employee Overhead- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- Source	\$ 157,890	ADM	\$ 141,628	\$ 16,262	\$ -	
-	Purchased Power- Source (ENERNOC)	\$ -	ADM	\$ -	\$ -	\$ -	
620-1001-3	Materials & Supplies- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
620-2002-3	Materials & Supplies- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
631-1001-3	Contract Engineering- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
632-1001-3	Contract Accounting- Source (Oper)	\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
632-2002-3	Contract Accounting- Source (Maint)	\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
633-1001-3	Contract Legal- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
633-2002-3	Contract Legal- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
635-1001-3	Contract Other- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
635-1021-3	Contract Other- Source (Alarm)	\$ -	AD	\$ -	\$ -	\$ -	
635-2002-3	Contract Other- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
641-1001-3	Rent & Utilities- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
650-1001-3	Equipment Expense- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
650-2002-3	Equipment Expense- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
657-1001-3	Insurance G/L- Source (Oper)	\$ 5,742	AD	\$ 5,742	\$ -	\$ -	
659-1001-3	Insurance Other- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
675-1001-3	Misc Expense- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
675-2002-3	Misc Expense- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
610-1001-3	Purchased Water	\$ 3,377,072	ADM	\$ 3,029,248	\$ 347,824	\$ -	
610-1100-3	Purchased Water - Unbilled (BGMU)	\$ (3,057)	ADM	\$ (2,742)	\$ (315)	\$ -	
-	Purchased Power Water Treat	\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
<b>Sub-Total</b>		<b>\$ 3,541,147</b>		<b>\$ 3,177,376</b>	<b>\$ 363,771</b>	<b>\$ -</b>	
<b>Transmission &amp; Distribution</b>							
601-5001-3	Wages- T&D (Oper)	\$ 77,313	AD	\$ 77,313	\$ -	\$ -	COLA 3.241% + 2% Merit increase, New Employee Salaries COLA 3.241% + 2% Merit increase, New Employee Salaries COLA 3.241% + 2% Merit increase COLA 3.241% + 2% Merit increase
601-6002-3	Wages- T&D (Maint)	\$ 77,070	AD	\$ 77,070	\$ -	\$ -	
604-5001-3	Employee Overhead T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
604-6001-3	Employee Overhead- T&D (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- T&D	\$ -	AD	\$ -	\$ -	\$ -	
-	Purchased Power- T&D (ENERNOC)	\$ -	AD	\$ -	\$ -	\$ -	
620-5001-3	Materials & Supplies- T&D (Oper)	\$ 6,445	AD	\$ 6,445	\$ -	\$ -	

620-6002-3	Materials & Supplies- T&D (Maint)	\$	45,683	AD	\$	45,683	\$	-	\$	-
632-5001-3	Contract Accounting- T&D (Oper)	\$	1,750	AD	\$	1,750	\$	-	\$	-
632-6002-3	Contract Accounting- T&D (Maint)	\$	1,750	AD	\$	1,750	\$	-	\$	-
633-5001-3	Contract Legal- T&D (Oper)	\$	-	AD	\$	-	\$	-	\$	-
633-6002-3	Contract Legal- T&D (Maint)	\$	-	AD	\$	-	\$	-	\$	-
635-5001-3	Contract Other- T&D (Oper)	\$	1,637	AD	\$	1,637	\$	-	\$	-
635-6002-3	Contract Other- T&D (Maint)	\$	94,158	AD	\$	94,158	\$	-	\$	-
641-5001-3	Rent & Utilities- T&D (Oper)	\$	-	AD	\$	-	\$	-	\$	-
641-5031-3	Rent & Utilities- T&D (Oper)	\$	-	AD	\$	-	\$	-	\$	-
650-5001-3	Equipment Expense- T&D (Oper)	\$	19,707	AD	\$	19,707	\$	-	\$	-
650-6002-3	Equipment Expense- T&D (Maint)	\$	17,668	AD	\$	17,668	\$	-	\$	-
657-5001-3	Insurance G/L- T&D (Oper)	\$	3,344	AD	\$	3,344	\$	-	\$	-
659-5001-3	Insurance Other- T&D (Oper)	\$	-	AD	\$	-	\$	-	\$	-
675-5001-3	Misc Expense- T&D (Oper)	\$	-	AD	\$	-	\$	-	\$	-
675-6002-3	Misc Expense- T&D (Maint)	\$	-	AD	\$	-	\$	-	\$	-
618-6002-3	Chemicals	\$	30,983	ADM	\$	27,792	\$	3,191	\$	-
635-4002-3	Contract Other- Water (Maint)	\$	-	AD	\$	-	\$	-	\$	-
	Payroll Taxes- T&D (Oper)	\$	6,609	AD	\$	6,609	\$	-	\$	-
	Wages (OH)- T&D (Oper)	\$	11,718	AD	\$	11,718	\$	-	\$	-
	Worker's Compensation- T&D (Oper)	\$	430	AD	\$	430	\$	-	\$	-
	Fringe Benefits- Insurance- T&D (Oper)	\$	8,867	AD	\$	8,867	\$	-	\$	-
	Retirement- T&D (Oper)	\$	15,355	AD	\$	15,355	\$	-	\$	-
	Payroll Taxes- T&D (Maint)	\$	6,589	AD	\$	6,589	\$	-	\$	-
	Wages (OH)- T&D (Maint)	\$	11,682	AD	\$	11,682	\$	-	\$	-
	Worker's Compensation- T&D (Maint)	\$	428	AD	\$	428	\$	-	\$	-
	Fringe Benefits- Insurance- T&D (Maint)	\$	8,781	AD	\$	8,781	\$	-	\$	-
	Retirement- T&D (Maint)	\$	15,308	AD	\$	15,308	\$	-	\$	-
	<b>Sub-Total</b>	\$	<b>463,274</b>		\$	<b>460,083</b>	\$	<b>3,191</b>	\$	<b>-</b>
	<b>Customer Accounts</b>									
601-7001-3	Wages	\$	128,783	AD	\$	128,783	\$	-	\$	-
604-7001-3	Employee Overhead	\$	-	AD	\$	-	\$	-	\$	-
620-7001-3	Materials & Supplies	\$	454	AD	\$	454	\$	-	\$	-
631-7001-3	Contract Engineering	\$	-	AD	\$	-	\$	-	\$	-
632-7001-3	Contract Accounting	\$	3,500	AD	\$	3,500	\$	-	\$	-
633-7001-3	Contract Legal	\$	-	AD	\$	-	\$	-	\$	-
635-7001-3	Contract Other	\$	63,808	AD	\$	63,808	\$	-	\$	-
641-7001-3	Rent & Utilities	\$	-	AD	\$	-	\$	-	\$	-

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

Depreciation- Developments

COLA 3.241% + 2% Merit increase, Depreciation-  
Developments

COLA 3.241% + 2% Merit increase, New Employee  
Salaries

COLA 3.241% + 2% Merit increase, New Employee  
Salaries

641-7011-3	Rent & Utilities	\$	-	AD	\$	-	\$	-	\$	-
650-7001-3	Equipment Expenses	\$	32	AD	\$	32	\$	-	\$	-
657-7001-3	Insurance G/L	\$	3,344	AD	\$	3,344	\$	-	\$	-
675-7001-3	Misc Expense	\$	-	AD	\$	-	\$	-	\$	-
	Payroll Taxes	\$	11,092	AD	\$	11,092	\$	-	\$	-
	Wages	\$	19,665	AD	\$	19,665	\$	-	\$	-
	Worker's Compensation	\$	721	AD	\$	721	\$	-	\$	-
	Fringe Benefits- Insurance	\$	15,017	AD	\$	15,017	\$	-	\$	-
	Retirement	\$	25,769	AD	\$	25,769	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	<b>Sub-Total</b>	<b>\$</b>	<b>272,185</b>		<b>\$</b>	<b>272,185</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>
	<b>Admin &amp; General</b>									
601-8001-3	Wages	\$	136,400	AD	\$	136,400	\$	-	\$	-
604-8001-3	Employee Overhead	\$	-	AD	\$	-	\$	-	\$	-
620-8001-3	Materials & Supplies	\$	7,022	AD	\$	7,022	\$	-	\$	-
632-8001-3	Contract Accounting	\$	3,500	AD	\$	3,500	\$	-	\$	-
633-8001-3	Contract Legal	\$	5,136	AD	\$	5,136	\$	-	\$	-
635-8001-3	Contract Other	\$	67,075	AD	\$	67,075	\$	-	\$	-
641-8001-3	Rent & Utilities	\$	-	AD	\$	-	\$	-	\$	-
650-8001-3	Equipment Expenses	\$	213	AD	\$	213	\$	-	\$	-
657-8001-3	Insurance G/L	\$	3,344	AD	\$	3,344	\$	-	\$	-
659-8001-3	Insurance Other	\$	2,545	AD	\$	2,545	\$	-	\$	-
675-8001-3	Misc Expesne	\$	17,777	AD	\$	17,777	\$	-	\$	-
675-8011-3	Misc Expense- Commissioner Fee	\$	15,000	AD	\$	15,000	\$	-	\$	-
604-8011-3	Commissioner SS & Medicare	\$	-	AD	\$	-	\$	-	\$	-
	Payroll Taxes	\$	11,702	AD	\$	11,702	\$	-	\$	-
	Wages	\$	20,747	AD	\$	20,747	\$	-	\$	-
	Worker's Compensation	\$	761	AD	\$	761	\$	-	\$	-
	Fringe Benefits- Insurance	\$	15,802	AD	\$	15,802	\$	-	\$	-
	Retirement	\$	27,187	AD	\$	27,187	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	<b>Sub-Total</b>	<b>\$</b>	<b>334,211</b>		<b>\$</b>	<b>334,211</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>
	<b>Unclassified</b>									
604-8200-3	Employee Overhead- Reimbursement Acct	\$	-	AD	\$	-	\$	-	\$	-
615-5011-3	Purchased Power- Master Mtrs	\$	-	AD	\$	-	\$	-	\$	-
-	Purchased Power- Property	\$	-	AD	\$	-	\$	-	\$	-
-	Reimbursement- Trucks & Equipment	\$	-	AD	\$	-	\$	-	\$	-
-	Expense - Trucks & Equipment	\$	-	AD	\$	-	\$	-	\$	-
408-0000-3	PSC Assessment	\$	8,006	AD	\$	8,006	\$	-	\$	-
670-7001-3	Bad Debt Expense	\$	4,466	AD	\$	4,466	\$	-	\$	-
670-7010-3	Bad Debt Expense	\$	-	AD	\$	-	\$	-	\$	-
675-7021-3	Misc Expense- Cash Over/Short (CIS)	\$	-	AD	\$	-	\$	-	\$	-
675-7025-3	Misc Expense- Customer FB (CIS)	\$	-	AD	\$	-	\$	-	\$	-
421-0000-3	Non-Utility Income	\$	(4)	AD	\$	(4)	\$	-	\$	-
421-0001-3	Non-Utility Income- Miscellaneous	\$	-	AD	\$	-	\$	-	\$	-

COLA 3.241% + 2% Merit increase, CSR Wages  
COLA 3.241% + 2% Merit increase, CSR Wages  
COLA 3.241% + 2% Merit increase, CSR Wages  
CSR Wages  
COLA 3.241% + 2% Merit increase, CSR Wages

COLA 3.241% + 2% Merit increase, New Employees  
COLA 3.241% + 2% Merit increase

COLA 3.241% + 2% Merit increase  
COLA 3.241% + 2% Merit increase, New Employees  
COLA 3.241% + 2% Merit increase, New Employees  
COLA 3.241% + 2% Merit increase, New Employees  
New Employees  
COLA 3.241% + 2% Merit increase, New Employees

COLA 3.241% + 2% Merit increase



426-0000-3	Unrealized (Gain)/Loss on Investments	\$	(39,712)	AD	\$	(39,712)	\$	-	\$	-
	Rate Case Expenses	\$	43,724	AD	\$	43,724	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	<b>Sub-Total</b>	<b>\$</b>	<b>16,480</b>		<b>\$</b>	<b>16,480</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>
	<b>Depreciation Expense</b>									
403-3041-3	Improvement (Land)	\$	1,764	AD	\$	1,764	\$	-	\$	-
403-3043-3	Structures	\$	473,530	AD	\$	473,530	\$	-	\$	-
403-3044-3	Office Building	\$	86,689	AD	\$	86,689	\$	-	\$	-
403-3112-3	Equip (Elec Plumbing)	\$	86,600	AD	\$	86,600	\$	-	\$	-
403-3304-3	Standpipes	\$	-	AD	\$	-	\$	-	\$	-
403-3314-3	Mains (T&D)	\$	986,946	AD	\$	986,946	\$	-	\$	-
403-3324-3	SCADA	\$	135,055	AD	\$	135,055	\$	-	\$	-
403-3334-3	Meters (Services)	\$	278,938	AD	\$	278,938	\$	-	\$	-
403-3344-3	Meters	\$	67,295	AD	\$	67,295	\$	-	\$	-
403-3345-3	Meters (Installations)	\$	1,661	AD	\$	1,661	\$	-	\$	-
403-3354-3	Hydrants	\$	-	AD	\$	-	\$	-	\$	-
403-3392-3	Equipment (Plumbing)	\$	-	AD	\$	-	\$	-	\$	-
403-3400-3	Software	\$	37,002	AD	\$	37,002	\$	-	\$	-
403-3401-3	Hardware	\$	3,278	AD	\$	3,278	\$	-	\$	-
403-3402-3	Datamatic	\$	-	AD	\$	-	\$	-	\$	-
403-3405-3	Furniture & Equipment	\$	1,092	AD	\$	1,092	\$	-	\$	-
403-3415-3	Trucks & Equipment	\$	-	AD	\$	-	\$	-	\$	-
403-3435-3	Equipment (Tools)	\$	950	AD	\$	950	\$	-	\$	-
403-3465-3	Equip (Communication)	\$	2,814	AD	\$	2,814	\$	-	\$	-
403-9000-3	Depreciation Expense (Old)	\$	-	AD	\$	-	\$	-	\$	-
-	Structures	\$	-	AD	\$	-	\$	-	\$	-
	505 Hwy 31 W (Block Bldg)	\$	-	AD	\$	-	\$	-	\$	-
	505 Hwy 31 W (Rental Bldg)	\$	-	AD	\$	-	\$	-	\$	-
	Equipment	\$	-	AD	\$	-	\$	-	\$	-
	Unidentified Assets	\$	-	AD	\$	-	\$	-	\$	-
	Equipment (T&D)	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	<b>Sub-Total</b>	<b>\$</b>	<b>2,163,615</b>		<b>\$</b>	<b>2,163,615</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>
	<b>Interest Expense</b>									
427-3000-3	Series 1970, USDA	\$	-	AD	\$	-	\$	-	\$	-

Legal fee, HDR fees, Publication Costs (Distributed over 3 years)

Depreciation-Developments

Depreciation-Developments, Transpark 2 Upgrade

Depreciation- SCADA Upgrade

Depreciation-Developments

MCO

Depreciation-Developments, Transpark 2 Upgrade

Billing Software

Depreciation- Transpark 2 Tank

20% Debt Service Coverage

427-3001-3	Series 1993, USDA	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
427-3002-3	Series 1995, USDA	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
427-3003-3	KIA Russellville Rd	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
427-3004-3	KIA Barren River Rd (A98-02)	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
427-3005-3	2019 USDA	\$	17,783	AD	\$	17,783	\$	-	\$	-	20% Debt Service Coverage
427-3007-3	Series 2003C, KRWFC	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
427-3008-3	KIA, Buchanon Park (C11-02)	\$	14,071	AD	\$	14,071	\$	-	\$	-	20% Debt Service Coverage
427-3009-3	Series 2013B, KRWFC	\$	984	AD	\$	984	\$	-	\$	-	20% Debt Service Coverage
427-3010-3	KIA, Alvanton Area Improvement	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
427-3023-3	KIA, Plum Springs Rehab	\$	39,319	AD	\$	39,319	\$	-	\$	-	20% Debt Service Coverage
427-3025-3	Series 2021A, KRWFC	\$	33,953	AD	\$	33,953	\$	-	\$	-	20% Debt Service Coverage
427-3040-3	Series 2022D, KRWFC	\$	346,694	AD	\$	346,694	\$	-	\$	-	20% Debt Service Coverage
427-4005-3	Consumer Deposits	\$	5,911	AD	\$	5,911	\$	-	\$	-	20% Debt Service Coverage
427-5010-3	Other	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
429-1007-3	Amortized Debt Expense	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
429-1025-3	Am Prem/Disc-KRWFC, Series 2021A	\$	(12,259)	AD	\$	(12,259)	\$	-	\$	-	20% Debt Service Coverage
	Series 2004A, Refunding	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	KIA, So KY Industrial/Hwy 31W	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	KIA, So KY Industrial Park	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 2005A, USDA	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 1998, Refunding	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 1998B, Revenue	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 1999 A, USDA	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	KRWFC 2003, KRWFC	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 2003C, KRWFC	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 2013B, KRWFC	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 2016B, KRWFC	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	KIA Morgantown Rd Improvements	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 2021A, KRWFC	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Series 2022D, KRWFC	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Consumer Deposits	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Other	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Amortized Prem/Disc Exp- Rev Bonds, Series 2004A	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Amortized Prem/Disc Exp- KRWFC, Series 2006A	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Amortized Prem/Disc Exp- KRWFC, Series 2012B	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Amortized Prem/Disc Exp- KRWFC, Series 2013B	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Amortized Prem/Disc Exp- KRWFC, Series 2016B	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	Amortized Prem/Disc Exp- KRWFC, Series 2021A	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	-	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage
	<b>Sub-Total</b>	\$	<b>446,456</b>		\$	<b>446,456</b>	\$	<b>-</b>	\$	<b>-</b>	

Debt Expense							
428-0000-3	Amortized Debt Expense	\$	-	AD	\$	-	\$ -
-	Amortized Debt Gain/Loss KRWFC Series 2016B	\$	-	AD	\$	-	\$ -
428-1025-3	Amortized Debt Gain/Loss KRWFC Series 2021A	\$	-	AD	\$	-	\$ -
428-2000-3	Amortized Debt Expense	\$	(7,049)	AD	\$	(7,049)	\$ -
-	Debt Issuance Expense	\$	-	AD	\$	-	\$ -
604-8300-3	OPEB Expense	\$	8,618	AD	\$	8,618	\$ -
	Bonds- Series 2020, USDA	\$	9,800	AD	\$	9,800	\$ -
	Loan- KIA, Buchanon Park (C11-02)	\$	51,727	AD	\$	51,727	\$ -
	Loan- Series 2013B, RWFA	\$	11,845	AD	\$	11,845	\$ -
	Loan - KIA, Plum Springs Rehab (B19-006)	\$	106,868	AD	\$	106,868	\$ -
	Loan- Series 2021A, KRWFC	\$	114,000	AD	\$	114,000	\$ -
	Loan- Series 2022D, KRWFC	\$	-	AD	\$	-	\$ -
	Bond- Series 2005A, USDA (RD)	\$	-	AD	\$	-	\$ -
	Loan- Series 2013B, KRWFC	\$	-	AD	\$	-	\$ -
	Loan- Series 2016B, KRWFC	\$	-	AD	\$	-	\$ -
	Loan- Series 2020 KIA	\$	-	AD	\$	-	\$ -
	Loan- Series 2021A KRWFC	\$	-	AD	\$	-	\$ -
	-	\$	-	AD	\$	-	\$ -
	-	\$	-	AD	\$	-	\$ -
	<b>Sub-Total</b>	\$	<b>295,809</b>		\$	<b>295,809</b>	\$ -
	<b>Total</b>	\$	<b>7,533,177</b>		\$	<b>7,166,215</b>	\$ 366,962

20% Debt Service Coverage  
20% Debt Service Coverage  
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Notes  
Data adjusted from WCWD Revenue & Expenses Detail- Sewer



# Appendix I. Summary of Cost-of-Service and Revenue Requirements

Test Year Financial Summary	Cost of Service		Sewer Sales Revenue		Other Revenues	Total Revenue	Surplus / (Deficit)	Potential Rate Increase		Total revenues w/ Rate Increase	Surplus / (Deficit)
	Amount	%	Amount	%	Amount	Amount	Amount	Amount	%	Amount	Amount
<b>WCWD</b>											
<b>Industrial</b>	\$3,848,862	55.3%	\$2,612,332	42.52%	\$ 227,957	\$ 2,840,289	\$ (1,008,573)	\$ 119,675	4.58%	\$ 2,959,965	\$ (888,897)
<b>Commercial</b>	\$887,848	12.8%	\$823,064	13.40%	\$ 71,822	\$ 894,886	\$ 7,038	\$ 37,706	4.58%	\$ 932,592	\$ 44,744
<b>Residential</b>	\$2,110,502	30.3%	\$2,528,833	41.16%	\$ 220,671	\$ 2,749,504	\$ 639,002	\$ 115,850	4.58%	\$ 2,865,354	\$ 754,852
<b>Smiths Grove</b>	\$114,701	1.6%	\$180,027	2.93%	\$ 15,728	\$ 195,755	\$ 81,054	\$ 8,247	4.58%	\$ 204,002	\$ 89,301
	<b>\$6,961,913</b>	<b>100.0%</b>	<b>\$6,144,256</b>	<b>100.0%</b>	<b>\$ 536,178</b>	<b>\$ 6,680,434</b>	<b>\$ (281,479)</b>	<b>\$ 281,479</b>	<b>4.58%</b>	<b>\$ 6,961,913</b>	<b>\$ -</b>

Test Year Financial Summary (Values Per 1,000 Gallons Sold)	Cost of Service per 1,000 gallons sold	Water Sales Revenue per 1,000 gallons sold	Surplus / (Deficit) per 1,000 gallons sold	Approx. Current Bill per 1000 gal	Revenue Based on Sales	Revenue Based on Sales minus Cost of Service
	Amount	Amount	Amount	Amount	Amount	Amount
<b>WCWD</b>	\$ 4.91	\$ 4.34	\$ (0.58)	\$ 5.40	\$ 7,649,456	\$ 687,543
<b>Industrial</b>	\$ 4.89	\$ 3.32	\$ (1.57)	\$ 4.79	\$ 3,770,478	\$ (78,384)
<b>Commercial</b>	\$ 5.02	\$ 4.65	\$ (0.37)	\$ 6.08	\$ 1,075,383	\$ 187,535
<b>Residential</b>	\$ 4.91	\$ 5.89	\$ 0.97	\$ 6.08	\$ 2,611,127	\$ 500,625
<b>Smiths Grove</b>	\$ 4.97	\$ 7.80	\$ 2.83	\$ 7.87	\$ 181,608	\$ 66,906

**SEWER RATE SCHEDULE  
WARREN COUNTY WATER DISTRICT**

**MONTHLY GENERAL SERVICE SEWER RATES**

5/8 X 3/4 INCH METER

First	2,000 Gallons	*\$12.25 Minimum Bill
Next	6,000 Gallons	5.30 per 1,000 Gallons
Next	12,000 Gallons	4.16 per 1,000 Gallons
Next	80,000 Gallons	3.86 per 1,000 Gallons
All Over	100,000 Gallons	3.36 per 1,000 Gallons

\*\$12.25 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	28.14 Minimum Bill
1-1/2" First	10,000 Gallons	52.17 Minimum Bill
2" First	16,000 Gallons	76.50 Minimum Bill
3" First	30,000 Gallons	129.29 Minimum Bill
4" First	50,000 Gallons	202.39 Minimum Bill
6" First	100,000 Gallons	385.14 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.

**MONTHLY GENERAL SERVICE SEWER RATES  
FOR USERS INSIDE THE CITY OF SMITHS GROVE**

5/8 X 3/4 INCH METER

First	2,000 Gallons	*\$18.94 Minimum Bill
Next	6,000 Gallons	5.47 per 1,000 Gallons
Next	12,000 Gallons	5.26 per 1,000 Gallons
Next	80,000 Gallons	4.64 per 1,000 Gallons
All Over	100,000 Gallons	4.24 per 1,000 Gallons

\*\$18.94 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	35.35 Minimum Bill
1-1/2" First	10,000 Gallons	62.29 Minimum Bill
2" First	16,000 Gallons	92.84 Minimum Bill
3" First	30,000 Gallons	161.34 Minimum Bill
4" First	50,000 Gallons	254.17 Minimum Bill
6" First	100,000 Gallons	486.22 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.

Test Year Adjusted Financial Summary	Cost of Service		Sewer Sales Revenue		Other Revenues	Total Revenue	Surplus / (Deficit)	Potential Rate Increase		Total Revenues w/ Rate Increase	Surplus / (Deficit)
	Amount	%	Amount	%	Amount	Amount	Amount	Amount	%	Amount	Amount
<b>WCWD</b>											
Industrial	\$4,166,302	55.31%	\$2,612,332	42.5%	\$ 227,957	\$ 2,840,289	\$ (1,326,012)	\$ 362,566	13.88%	\$ 3,202,855	\$ (963,446)
Commercial	\$959,176	12.73%	\$823,064	13.4%	\$ 71,822	\$ 894,886	\$ (64,290)	\$ 114,233	13.88%	\$ 1,009,119	\$ 49,943
Residential	\$2,283,693	30.32%	\$2,528,833	41.2%	\$ 220,671	\$ 2,749,504	\$ 465,811	\$ 350,977	13.88%	\$ 3,100,481	\$ 816,788
Smiths Grove	\$124,007	1.65%	\$180,027	2.9%	\$ 15,709	\$ 195,736	\$ 71,729	\$ 24,986	13.88%	\$ 220,722	\$ 96,715
<b>Sub-Total</b>	<b>\$7,533,177</b>	<b>100.00%</b>	<b>\$6,144,256</b>	<b>100.0%</b>	<b>\$ 536,159</b>	<b>\$ 6,680,415</b>	<b>\$ (852,762)</b>	<b>\$ 852,762</b>	<b>13.88%</b>	<b>\$ 7,533,177</b>	<b>\$ -</b>

Test Year Financial Summary (Values Per 1,000 Gallons)	Cost of Service per 1,000 gallons sold	Water Sales Revenue per 1,000 gallons sold	Surplus / (Deficit) per 1,000 gallons sold	Approx. Current Bill per 1000 gal	Revenue Based on Sales	Revenue Based on Sales minus Cost of Service
	Amount	Amount	Amount	Amount	Amount	Amount
<b>WCWD</b>	<b>\$ 5.32</b>	<b>\$ 4.34</b>	<b>\$ (0.98)</b>	<b>\$ 5.40</b>	<b>\$ 7,649,456</b>	<b>\$ 116,278</b>
Industrial	\$ 5.29	\$ 3.32	\$ (1.97)	\$ 3.42	\$ 2,692,074	\$ (1,474,228)
Commercial	\$ 5.42	\$ 4.65	\$ (0.77)	\$ 4.79	\$ 847,218	\$ (111,958)
Residential	\$ 5.32	\$ 5.89	\$ 0.57	\$ 6.07	\$ 2,606,832	\$ 323,139
Smiths Grove	\$ 5.37	\$ 7.80	\$ 2.43	\$ 7.87	\$ 181,608	\$ 57,601

**MONTHLY GENERAL SERVICE SEWER RATES FOR USERS INSIDE THE CITY OF SMITHS GROVE**

**5/8 X 3/4 INCH METER**

First	2,000 Gallons	*\$18.94 Minimum Bill
Next	6,000 Gallons	5.47 per 1,000 Gallons
Next	12,000 Gallons	5.26 per 1,000 Gallons
Next	80,000 Gallons	4.64 per 1,000 Gallons
All Over	100,000 Gallons	4.24 per 1,000 Gallons

\*\$18.94 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	35.35 Minimum Bill
1-1/2" First	10,000 Gallons	62.29 Minimum Bill
2" First	16,000 Gallons	92.84 Minimum Bill
3" First	30,000 Gallons	161.34 Minimum Bill
4" First	50,000 Gallons	254.17 Minimum Bill
6" First	100,000 Gallons	486.22 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.

**SEWER RATE SCHEDULE WARREN COUNTY WATER DISTRICT**

**MONTHLY GENERAL SERVICE SEWER RATES**

**5/8 X 3/4 INCH METER**

First	2,000 Gallons	*\$12.25 Minimum Bill
Next	6,000 Gallons	5.30 per 1,000 Gallons
Next	12,000 Gallons	4.16 per 1,000 Gallons
Next	80,000 Gallons	3.86 per 1,000 Gallons
All Over	100,000 Gallons	3.36 per 1,000 Gallons

\*\$12.25 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	28.14 Minimum Bill
1-1/2" First	10,000 Gallons	52.17 Minimum Bill
2" First	16,000 Gallons	76.50 Minimum Bill
3" First	30,000 Gallons	129.29 Minimum Bill
4" First	50,000 Gallons	202.39 Minimum Bill
6" First	100,000 Gallons	385.14 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.



# Appendix J. Known and Measurables

**SEWER DIVISION**

No	Description	Amount
1	New Employees - Wages	\$ 46,046
2	New Employees - Employee Overhead	25,077
3	Customer Service - Wages Previously Capitalized in Base Year	39,323
4	Customer Service - Benefits	22,111
5	Depreciation Expense - Developments	100,494
6	Depreciation Expense - Capital Projects	98,241
	TOTAL	<u>\$ 331,292</u>





# Appendix K. Proposed Sewer Rate Schedule



Warren County Existing					
5/8" X 3/4" Rate Table			1" - 6" Minimum Rate Table		
Gallons	Rate	Multiplier	Size	Gallons	Minimum
2,000	12.25		1"	5,000	28.14
6,000	5.3	0.0053	1-1/2"	10,000	52.17
12,000	4.16	0.00416	2"	16,000	76.5
80,000	3.86	0.00386	3"	30,000	129.29
100,000	3.36	0.00336	4"	50,000	202.39
			6"	100,000	385.14

Smiths Grove Existing					
5/8" X 3/4" Rate Table			1"-6" Minimum Rate Table		
Gallons	Rate	Multiplier	Size	Gallons	Minimum
2,000	18.94		1"	5,000	35.35
6,000	5.47	0.00547	1-1/2"	10,000	62.29
12,000	5.26	0.00526	2"	16,000	92.84
80,000	4.64	0.00464	3"	30,000	161.34
100,000	4.24	0.00424	4"	50,000	254.17
			6"	100,000	486.22

Warren County Proposed (Combined)					
5/8" X 3/4" Rate Table			1" - 10" Minimum Rate Table		
Gallons	Rate	Multiplier	Size	Gallons	Minimum
2,000	13.49		1"	5,000	31.01
8,000	5.84	0.00584	1-1/2"	10,000	60.21
90,000	4.59	0.00459	2"	20,000	106.11
900,000	4.25	0.00425	3"	30,000	152.01
1,000,000	3.85	0.00385	4"	50,000	243.81
			6"	100,000	473.31
			8"	150,000	685.81
			10"	250,000	1110.81

# **EXHIBIT 8B**

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC APPLICATION OF )**  
**WARREN COUNTY WATER )**  
**DISTRICT FOR AN ADJUSTMENT )** **CASE NO. 2024-00201**  
**OF RATES FOR SEWER SERVICE )**

**WRITTEN TESTIMONY OF**  
**JACOB CUARTA**  
**GENERAL MANAGER**  
**WARREN COUNTY WATER DISTRICT**

**Filed: July 31, 2024**

1 **Introduction**

2 **Q. Please state your name, position, and business address.**

3 A. My name is Jacob Cuarta. I am the General Manager of the Warren County  
4 Water District (the “District”). I also serve as the General Manager of the  
5 Butler County Water System, Inc. and the Simpson County Water District.  
6 My business address is the District’s address: 523 U.S. 31 W Bypass, Bowling  
7 Green, Kentucky 42101.

8 **Q. How long have you been the General Manager of the District?**

9 A. I have been the General Manager since June 2022.

10 **Q. Were you hired by the District after John Dix, the District’s former  
11 General Manager, announced his retirement?**

12 A. Yes, that is correct.

13 **Q. Please describe your educational and professional background.**

14 A. I earned two degrees from Western Kentucky University—a Bachelor of  
15 Science in Environmental Science and a Master of Public Health in  
16 Environmental Health—as well as a Certified Supervisory Manager  
17 certification from Florida State University. I have worked in the utility  
18 business for over fifteen (15) years. Before joining the District, I worked for  
19 utilities in Florida as a Water Quality and Operations Manager and as a Project  
20 Manager. I hold a Class II Water Distribution System Operator license from

1 the Commonwealth of Kentucky and have served as a trainer for Kentucky's  
2 operator certification program. Currently, I serve on the Board of the Bowling  
3 Green Area Chamber of Commerce, the Kentucky Water Quality Advisory  
4 Committee, and the Warren County Planning Committee. My Biographical  
5 Information is attached as **Appendix A**.

6 **Q. What are your primary duties as General Manager of the District?**

7 A. I serve as the chief executive officer of the District. I report directly to the  
8 District's Board of Commissioners. My primary role is to execute the policies  
9 adopted by the Board and to direct the operations of the District. Fortunately,  
10 I have an excellent management team in place to assist me, and the District  
11 has excellent employees.

12 **Q. Does the District have a Job Description for the General Manager's**  
13 **position?**

14 A. Yes. It is attached as **Appendix B** to this testimony,

15 **Q. Approximately how many employees does the District have?**

16 A. The District has approximately eighty (80) full-time employees, in addition to  
17 the District's five (5) Commissioners.

1 **Q. Who has the responsibility for hiring and firing the District’s employees?**

2 A. As prescribed by KRS 74.040, the Board hires the General Manager, and the  
3 General Manager is responsible for hiring and firing all other employees.  
4 Thus, the “buck stops with me” with respect to hiring and firing.

5 **Purpose of Testimony**

6 **Q. What is the purpose of your Written Testimony?**

7 A. The primary purposes of my Written Testimony are: (1) to explain the  
8 relationship of Warren County Water District with the Butler System and the  
9 Simpson District; (2) to explain the District’s staff’s role in assisting Ross  
10 Guffey, an engineer with HDR Engineering, Inc. (“HDR”), in performing his  
11 Cost-of-Service Study (“COSS”); and (3) to explain the purpose of each new  
12 position that was added to Warren District’s roster of employees in 2023 and  
13 2024.

14 **Warren’s Relationship with Butler County Water System and**  
15 **Simpson County Water District**

16 **Q. What is Warren District’s Relationship with the Butler County Water**  
17 **System, Inc. (“Butler System”) and the Simpson County Water District**  
18 **(“Simpson District”)?**

19 A. For more than twenty-five (25) years, Warren District has managed, operated,  
20 and maintained the Butler System and the Simpson District pursuant to a Joint

1 Operations Agreement, which has been renewed every five (5) years. The  
2 most recent renewal of the Joint Operations Agreement is dated January 11,  
3 2024, and is attached as **Appendix C** to this testimony. Under the Joint  
4 Operations Agreement, Warren District is the “lead” water system. All  
5 employees work for Warren District, which, in turn, manages, operates, and  
6 maintains the Butler System, the Simpson District, and Warren District’s  
7 Water and Sewer Divisions. Essentially, Warren District operates and  
8 manages four (4) utility systems. Each utility system, including the Warren  
9 Water Division and the Warren Sewer Division, is charged the actual cost for  
10 labor, equipment, materials, and all other costs incurred by each respective  
11 utility system. The Joint Operations Agreement goes into more detail about  
12 the roles, responsibilities, and obligations of each utility system or division.

13 **Q. Does each utility system have its own Board?**

14 A. Yes. The Butler System is a water association and it elects the members of its  
15 Board of Directors from its membership in accordance with its Bylaws. The  
16 Simpson District is a water district and its Board of Commissioners is  
17 appointed by the Simpson County Judge/Executive with the approval of the  
18 Simpson County Fiscal Court. Warren District is also a water district and its  
19 Board of Commissioners is appointed by the Warren County Judge/Executive  
20 with the approval of the Warren County Fiscal Court. Each Board sets its own



1 operating policies, rules, regulations, and rates, subject to approval by the  
2 Kentucky Public Service Commission.

3 **Q. What is your role with respect to these utility systems?**

4 A. Although I am an employee of the Warren District, I serve as General Manager  
5 of each utility system. This means that I attend the Board meetings of the  
6 Butler System, the Simpson District, and the Warren District. I am  
7 responsible for executing the policies of three (3) different water  
8 systems. Although my salary and benefits are paid by Warren District, the  
9 cost is allocated to each utility system in accordance with the Rates and  
10 Allocation Memo, which is revised each year and approved by all three (3)  
11 Boards. A copy of the 2024 Rates and Allocation Memo is attached as  
12 **Appendix D** to this testimony.

13 **Q. Briefly, provide an overview of how the costs are allocated among the four  
14 (4) utility systems.**

15 A. All costs, such as materials, electricity, and other items incurred for a specific  
16 utility system are charged directly to that utility system. Field employees  
17 perform work based upon work orders. Then, the employee records his or her  
18 time for performing this work, and this labor expense is charged to the  
19 appropriate utility system. The labor expense for Customer Service  
20 Representatives and administrative staff is allocated according to the

1 percentage of customers each utility has relative to the total number of  
2 customers in all four (4) utility systems. This allocation percentage is revised  
3 on an annual basis. Currently, Warren Water Division has 64.1% of the  
4 customers and it pays 64.1% of this expense category. The Warren Sewer  
5 Division has 19.4% of the customers and it pays 19.4%. Butler System pays  
6 9.6% and Simpson District pays 6.9%. **Appendix D** goes into more detail  
7 about the allocation of other costs and whether the cost is an operating cost or  
8 a capital cost.

9 **Q. Is part of your salary and fringe benefits considered a capital cost?**

10 A. Yes. As shown in **Appendix D**, 70% of my salary and fringe benefits are  
11 recorded as a capital cost because much of my time is devoted to long term  
12 planning and overseeing capital projects.

### 13 **Assistance with Rate Study**

14 **Q. Did you calculate the rates that the District is proposing to the PSC?**

15 A. No. The proposed rates were determined by and calculated by Ross Guffey  
16 and others who work for HDR.

17 **Q. What information did you provide or make available to HDR?**

18 A. Jeff Peoples, the District's Manager of Finance and Administration, and I  
19 worked closely with Mr. Guffey and provided him with all the financial,  
20 billing, and other information requested by him. We also provided the

1 District's detailed Depreciation Schedule to Mr. Guffey and answered  
2 numerous questions about different assets and the District's finances.

3 **Q. Were there any aspects of Warren District's rate schedule for sewer**  
4 **service that you and Manager of Finance and Administration, Jeff**  
5 **Peeples, specifically brought to HDR's attention?**

6 A. Yes. We pointed out that the present rate tiers for sewer do not match rate tiers  
7 for water. Sewer customers are billed according to their water usage. No  
8 sewer customer has a meter to measure the amount of sewer effluent it  
9 discharges. Therefore, it makes sense for the water and sewer rate tiers to  
10 match. Also, the different rate tiers were confusing to staff who do the billing.  
11 In addition, minimum usage volume for some of the meter sizes was different  
12 for water and sewer. We asked HDR to make the minimum usage volume  
13 amounts the same for water and sewer.

14 Finally, we wanted to eliminate the Sewer Tariff for Smiths  
15 Grove. Historically, Smiths Grove sewer rates have been higher. This was  
16 justified many years ago when debt was incurred specifically for Smiths  
17 Grove, but that debt has been paid off for several years and there is no longer  
18 a justification for charging the Smiths Grove customers higher sewer  
19 rates. There is a unified water rate for all of Warren District's water  
20 customers, so we wanted a unified sewer rate for all our customers as well.

1 **Q. Have you reviewed the COSS prepared by Mr. Guffey?**

2 A. Yes. I believe the COSS is an Exhibit that will be filed with the District's PSC  
3 Application.

4 **Q. Do you concur with the recommendations contained in the COSS?**

5 A. Yes. I believe the COSS is thorough, detailed, and accurate.

6 **Board Action**

7 **Q. Has the Board taken any action with respect to the proposed rates?**

8 A. Yes. At the District's regular monthly Board meeting held on June 26, 2024,  
9 it unanimously adopted Resolution No. 2024-06-11. This Resolution  
10 approves the rates proposed by HDR in the COSS and authorizes me as the  
11 District's General Manager to file an Application with the PSC for authority  
12 to adjust the District's rates for its Sewer Division according to the rate  
13 schedule shown as Exhibit 1 to the Resolution.

14 **Q. Will the District be filing this Resolution with its rate Application to the  
15 PSC?**

16 A. Yes. The Resolution is an Exhibit to the PSC Application.

1 **Customer Notifications**

2 **Q. Have you published a notice of the proposed rates in the appropriate**  
3 **newspaper?**

4 A. Yes. On Tuesday, July 30, 2024, the Customer Notice was published in the  
5 *Bowling Green Daily News*, which is the main newspaper in Bowling Green  
6 and Warren County and in the District’s service area. Instructions were given  
7 to the newspaper representative to publish the Customer Notice again on  
8 Tuesday, August 6, 2024, and again on Tuesday, August 13, 2024. A copy of  
9 the Customer Notice is being filed as an Exhibit to the District’s PSC  
10 Application.

11 **Q. Has the District posted the Customer Notice in its office and on social**  
12 **media as required by PSC regulations?**

13 A. Yes. Pursuant to instructions from our attorney, the Customer Notice was  
14 posted on the drive-up window and in the lobby of the District’s office  
15 building. In addition, it is posted on the District’s website and Facebook page.

16 **New Positions Created**

17 **Q. Has Warren District created any new positions or added new employees**  
18 **since you became General Manager?**

19 A. Yes. I started working for Warren District in June 2022. It didn’t take me  
20 long to realize that Warren District needed to create some new

1 positions. Warren County is one of the fastest growing counties in the state. It  
2 is literally “booming” with residential, commercial, industrial, and other  
3 economic developments and has been for the past several years. Our customer  
4 growth is increasing. In my opinion, Warren District needed to hire more  
5 employees to enable it to continue to provide adequate and reliable water and  
6 sewer service to its customers. During the fall of 2022, as part of the 2023  
7 Budget process, I recommended that the Board create four (4) new  
8 positions. The Board agreed and these four (4) new positions were created  
9 and included in the 2023 Budget.

10 **Q. Were these positions filled?**

11 A. Yes. Three (3) of these positions were filled in 2023, but we were unable to  
12 fill the fourth position (Safety Specialist) until early 2024.

13 **Q. Did Warren District create any new positions in 2024?**

14 A. Yes. In the fall of 2023, as part of the 2024 Budget process, I recommended  
15 that the Board create four (4) additional positions. Once again, the Board  
16 created these positions and included them in the 2024 Budget adopted by the  
17 Board.

1 **Q. Have these positions been filled?**

2 A. Yes. Two (2) of these positions were filled in February 2024; another person  
3 was hired on March 2, 2024; but it took us until June 10, 2024 to find and hire  
4 the right person to fill the accountant position.

5 **Q. Has Warren District Staff prepared a table listing each of these positions  
6 and describing the need for each position?**

7 A. Yes. It is attached as **Appendix E**. This table also includes the Budget cycle  
8 when the positions were created and the date that each position was filled.

9 **Q. Are all these positions still filled today?**

10 A. Yes.

11 **Q. How many of these employees work in the Water Division and how many  
12 work in the Sewer Division?**

13 A. There are a total of eight (8) newly created positions. Seven (7) of them  
14 perform services for both the Water Division and the Sewer Division as well  
15 as for the Butler System and Simpson District. The other employee (Lead  
16 Meter Technician) works strictly on the water side, but he performs work for  
17 the Butler System, Simpson District, and the Water Division for Warren  
18 District.

1 **Q. Appendix E also shows that one (1) of the employees is designated as**  
2 **“Capital” under the Type of Activity column. Please explain.**

3 A. The GIS Analyst devotes his time to capital projects. Therefore, his wages  
4 and fringe benefits are charged to the appropriate capital project when that  
5 project is placed into service rather than being charged as an operating  
6 expense.

7 **Conclusion**

8 **Q. Does this conclude your testimony?**

9 A. Yes, it does.





# **Appendix A**

**Jacob Cuarta, MPH****General Manager, Warren County Water District**

Jacob Cuarta is the General Manager for the Warren, Simpson, and Butler County Water Districts, where he brings extensive expertise in environmental health and water management to his role. Jacob holds a Master of Public Health in Environmental Health and a Bachelor of Science in Environmental Science, both from Western Kentucky University. He provides visionary leadership to guide the water districts in achieving their mission, goals, and objectives. By developing and implementing strategic plans, policies, and initiatives, Jacob enhances the overall performance and sustainability of the water districts. His leadership fosters a culture of innovation, collaboration, and continuous improvement among staff and stakeholders.

Jacob oversees all aspects of district operations. He implements best practices and industry standards to optimize operational efficiency, water quality, and infrastructure reliability. By monitoring key performance indicators and operational metrics, Jacob identifies areas for improvement and implements corrective actions as needed. Ensuring compliance with federal, state, and local regulations governing water quality, safety, and environmental protection is a key aspect of Jacob's role. He maintains current knowledge of regulatory requirements and industry trends to proactively address compliance issues and mitigate risks. Jacob interfaces with regulatory agencies, inspectors, and stakeholders to facilitate regulatory inspections, reporting, and permitting processes.

Jacob monitors financial performance, revenue collections, and expenditures to optimize financial resources and maintain cost-effectiveness. He fosters positive relationships with customers, community leaders, elected officials, and other stakeholders to promote transparency, trust, and customer satisfaction. Jacob addresses customer inquiries, concerns, and service requests in a timely and professional manner. He engages with the community through outreach activities, public meetings, and educational initiatives to promote water conservation and public awareness.

Before joining the Warren County Water District, Jacob was the Water Quality and Operations Manager for Pasco County Utilities in Florida. There, he managed a team of 35 employees, three water treatment plants, and 36 well sites, serving 125,000 customers with an average water production of 40 million gallons per day. He also served as a Project Manager for the Southwest Florida Water Management District, managing grant projects for large water and sewer infrastructure construction projects. With over 15 years in the utility business, Jacob has also been an operator certification trainer for the State of Kentucky.

Jacob is an active member of his community, serving as a Board Member for the Chamber of Commerce, where he plays a pivotal role in shaping the economic landscape and fostering growth within the community. He also serves on the Water Quality Advisory Committee for the State, contributing his expertise to address critical issues related to water quality and sustainable resource management. As a member of the County Planning Committee, Jacob actively participates in guiding the responsible and sustainable growth of his community.

Jacob Cuarta's comprehensive experience and dedication to water management and community service make him a valuable asset to the Warren County Water District and the broader community.

# **Appendix B**

## Warren County Water District

## Job Description

<b>Job Title:</b> General Manager
<b>Position Type:</b> Full time, Salaried Exempt
<b>Reports to:</b> Board of Commissioners and Directors
<b>Work Schedule:</b> 7:30 AM to 4:30 PM, Monday through Friday with overtime as needed.
<b>Revision Date:</b> May 23, 2024

### Summary/objective

To manage the affairs of each water district and water association in accordance with objectives and policies of the respective Board of Commissioners or Directors. To provide leadership that supports excellent water and wastewater service to all customers in the most efficient manner possible. Provide employees the opportunity to achieve high performance and job satisfaction. To promote an understanding and acceptance of each system’s viewpoints and objectives among the customers and public. To work in community development activities, which will provide our customers with increased opportunities for job improvement and better standards of living, and our community with social and economic advancements. To further effective public relations and to build each water system’s image as a service organization by actively participating in professional, business, civic groups, and community affairs.

### Essential functions

*Reasonable accommodations may be made to enable individuals with disabilities to perform these essential functions.*

- Responsible for managing, planning, coordinating, and administering all activities of each water system.
- Responsible for the short- and long-range strategies of the organization subject to review by each Board.
- Devises the organizational structure best suited to carry out the objectives of the water systems. Directs the selection, training, performance evaluations, administration of wage and salary plan, all activities of operations for personnel, and termination of employees when necessary.
- Directs the activities of the water systems with appropriate delegations and makes certain that responsibilities and authorities are understood and accepted with recognition that the manager may not be relieved of overall responsibility nor any portion of the accountability of water system operations.
- Coordinates the functions of water system consultants, attorneys, and contractors.
- Measures performance of the water systems against work plans, budgets, goals, and objectives. Reviews employee adherence to established standards and practices. Institutes remedial measures to correct significant deviations from water system standards.

- Develops and maintains personnel and operating policies in keeping with the goals and objectives of the organization and as approved by the Board of Commissioners.
- Provides service to other water systems and commissions in accordance with contracts approved by the Board of Commissioners.
- Maintains active relationships with business, civic, and governmental organizations which will reflect favorably on each system's image as an integral force in the community.
- Keeps familiar with Emergency Planning and Community Right-to-Know Act (EPCRA) reporting on hazardous and toxic chemicals, found or used in the work area.
- Works according to safety standards and policies adopted by Warren County Water District, is responsible for his or her own safety.
- Complies with all local traffic laws, regulations, and safe practices while operating any company vehicle.
- Must be willing to obtain First Aid/CPR certification upon employment.
- Other duties as assigned.

### **Competencies**

- A comprehensive knowledge of accepted accounting practices and bookkeeping principles and procedures.
- Knowledge of computerized accounting systems, such as Sage 100, or other accounting software.
- Must have working knowledge of Microsoft Word and Outlook. Must be proficient in Excel including understanding and development of complex formulas.
- Strong data entry skills including accuracy.
- Strong analytical skills.
- Proficient in Microsoft Excel with the ability to create spreadsheets for various applications using formulas, functions, and commands.
- The ability to work independently and prioritize tasks.
- The ability to meet deadlines.
- Proficiency in Microsoft Word and Outlook with the ability to communicate in writing effectively with employees and vendors.
- The ability to act responsibly and ethically when working with sensitive financial information, whether it is information for the district or employees.
- Apply confidentiality to all areas of sensitive employee and customer information.
- Excellent verbal and written communication skills.

### **Reporting relationships**

- Reports to: Board of Commissioners and Directors

### **Work environment**

- Normal office conditions with overtime.
- Must be able to keep the work area in a neat and presentable manner.

### **Physical demands**

Lifting up to 15 pounds may be required.

### **Travel required**

Travel in and around the system as well as overnight travel will be required. Must be willing to attend courses related to work.

### **Education and Experience**

- Bachelor's Degree: A minimum of a Bachelor's degree in a relevant field such as Environmental Science, Environmental Engineering, Civil Engineering, Public Administration, Business Administration, or a related discipline.
- Advanced Degree (Preferred): A Master's degree in Public Administration, Environmental Management, Business Administration, or a related field is often preferred but not always required.
- At least 5-10 years of progressively responsible experience in water utility management, public works, or a related field.

### **Additional eligibility requirements**

- Must possess and maintain a valid driver's license.
- Must be willing to obtain First Aid/CPR certification upon employment.

### **Other duties**

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.



# **Appendix C**

## JOINT OPERATIONS AGREEMENT

This **AGREEMENT**, made and entered into this 11 day of January 2024, by and between **BUTLER COUNTY WATER SYSTEM, INC.**, (Butler Water) a water association of Butler County, Kentucky duly created in accordance with the applicable provisions of Chapter 273 of the Kentucky Revised Statutes and **SIMPSON COUNTY WATER DISTRICT** (Simpson Water) a water district duly created by the County of Simpson in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes and **WARREN COUNTY WATER DISTRICT** (Warren Water) a water district duly created by the County of Warren in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes.

WITNESSETH:

**WHEREAS**, Butler Water, Simpson Water and Warren Water (Water Systems) presently operate water systems (the "Systems") within the County of Butler, Simpson and Warren for the citizens, residents and commercial and industrial users within said counties for the purpose of providing potable water service;

**WHEREAS**, by all Water Systems continuing to work together in a joint effort focusing on water operations and service to its customers, a better quality of service can be provided in a more economical manner to the water customers in Butler, Simpson and Warren Counties, and;

**WHEREAS**, an existing Joint Operations Agreement (existing agreement) expires on February 14, 2024 and it is set forth in the existing agreement any party may terminate the existing agreement with 12 months notice, and;

**WHEREAS**, the Water Systems desire to continue to work together under this Joint Operations Agreement upon the expiration of the existing agreement for certain services regarding operation of each System,

**NOW, THEREFORE,** for and in consideration of the mutual covenants contained herein and the benefits to be derived by the parties hereto, the parties hereby agree as follows:

1. **Operating Policies, Rules, Regulations and Rates.** Each Board of the respective Water Systems shall establish its own policies, rules, regulations and rates and direct activities on an appropriate board level. The Water Systems shall be operated in accordance with respective policies, rules, regulations. All records will be kept separate for each Water System.
2. **Joint Utility Committee.** All Water Systems join together to create a "Joint Utility Committee" consisting of one member from each of the Water System's Boards. The committee shall meet at least bi-annually to oversee the planning and operations of jointly shared services. For all jointly shared services, standards of performance shall be defined and methodology for cost allocations shall be reviewed and approved by the Joint Utility Committee in an effort to provide the customers of all Water Systems quality service at the lowest cost. Changes in costs and the manner of providing jointly shared services shall be implemented only after they are recommended by the Joint Utility Committee and approved by the Boards of all participating utilities. The Joint Utility Committee shall also at the request of any of the Water Systems review previously established methodology for shared costs, services, or standards of performance.
3. **Lead Water System.** Warren Water will provide the employees, equipment, and other services necessary to carry out general system operations and the day-to-day business of each Water System in conformance with respective policies, rules and regulations. The employees working in Butler and Simpson Counties

on a regular basis will clearly be identified as representing the respective Water System for which they regularly work. Other jointly shared employees will be identified as Butler, Simpson and Warren County Water System employees or other identification as agreed to by the Water Systems.

4. **Water Systems General Manager.** The General Manager for each of the Water Systems is designated as Jacob Cuarta. The General Manager will be evaluated on a regular basis by each Water System and the evaluation reported to The Joint Utility Committee. When a change in management becomes necessary, the Joint Utility Committee will have the option to participate in the process and approve the selection of the Manager of Butler Water and Simpson Water.
  - A. The General Manager shall be responsible for managing, planning, coordinating, and administering all activities.
  - B. The General Manager shall be responsible for short and long-range strategies of the organizations subject to review and approval by each Water System Board.
  
5. **Services Provided.** Warren Water System shall provide:
  - A. A totally integrated information system for use by each of the Water Systems which will provide all functions necessary for efficient operation and business activities.
  - B. Coordination and supervision of construction, operations, and maintenance of the water system.
  - C. Engineering, supervision of contractors and construction inspection services for major projects and extension agreements. Engineering services shall also be provided for routine customer inquiries.

- D. Maintenance of proper operating and accounting records including a monthly report in a format to be approved by each Water System. Such reports outlining operations for the preceding month shall be submitted to each Water System. All accounting records, operating records, and plant accounts will be kept in accordance with the requirements of the governmental agencies financing each Water System in addition to those required by the Kentucky Public Service Commission.
  - E. Coordination, supervision, and maintenance of all necessary and proper services required for billing and collection of monthly water bills.
  - F. Customer service as required.
  - G. Read-in and read-out of water customers that change locations.
  - H. Monthly reading of meters and required data for billing and customer records.
  - I. Certain heavy equipment and material inventory necessary to maintain the Systems.
  - J. Processing of applications for new water services.
  - K. Installation of new water services.
  - L. Other duties may be considered necessary to provide complete operations for each Water System.
6. **Compensation.** Each Water System shall pay the actual cost on a monthly basis of labor, equipment, material and other expenses for services provided by any other Water System.
7. **Term of Agreement.** This agreement shall be for a term of five (5) years from the expiration of the existing agreement on February 14, 2024, and shall expire on

February 28, 2029. Each Water System may terminate the agreement prior to the expiration date with 12 months notice to the other Water Systems.

8. **Insurance.** Each Water System shall maintain in full force and effect insurance coverage in amounts determined to be necessary for each Water System's own protection and the protection of the other parties to this agreement. Insurance shall be carried specifically for Workman's Compensation (if applicable), Public Liability and Automobile Liability. Each Water System shall be named as an additional insured on the other Water System's policies. Each Water System shall be held harmless from the other Water Systems for any damage or liability caused by an employee or contractor of the other Water Systems, or on account of any other liability or claim arising out of, or connected with, the within referred to relationship between the Water Systems.
9. **Audit.** Each Water System shall have an audit performed each year by a Certified Public Accountant in accordance with the federal standards required by the Water System's lending agency.
10. **Effective Date.** This Agreement is effective upon authorization and execution of the agreement by all Water Systems and expiration of the existing agreement on February 14, 2024.
11. **Third Party Rights.** It is the intention of the parties that nothing in this Agreement shall be deemed to create any right with respect to any person or entity not a party to this Agreement.
12. **Parties in Interest; Assignment.** All covenants and agreements contained in this Agreement by or on behalf of any of the parties to this Agreement shall bind and inure to the benefit of their respective successors. Neither party may assign

their rights or delegate their obligations under this Agreement to any other person or entity without the written consent of the other party.

13. **Construction; Governing Law.** The section headings contained in this Agreement are inserted as a matter of convenience and shall not affect in any way the construction of the terms of this Agreement. The Agreement shall be governed by and interpreted in accordance with the laws of the Commonwealth of Kentucky.

14. **Counterparts.** This Agreement may be executed in one or more counterparts, any one of which need not contain the signatures of more than one party but all of which taken together shall constitute one and the same Agreement.

**IN TESTIMONY WHEREOF**, the parties have executed this Agreement on the day and year first above written.

BUTLER COUNTY WATER SYSTEM, INC.

BY: Wayne M. [Signature]  
TITLE: \_\_\_\_\_

SIMPSON COUNTY WATER DISTRICT

BY: Stephen B. [Signature]  
TITLE: \_\_\_\_\_

WARREN COUNTY WATER DISTRICT

BY: [Signature]  
TITLE: \_\_\_\_\_

# **Appendix D**





COUNTY WATER DISTRICTS

# Memo

**To:** Jacob Cuarta  
**From:** Jeff Peeples  
**CC:** Rhonda L., Cheryl D., Ashley H., Derek W., Tina G., Marsha P.  
**Date:** January 11, 2024  
**Re:** Rates and Allocations – Year 2024

Based upon the end of year statistics, the following rates and allocations have been determined for Year 2024:

**1. Allocation of administration wages, and other shared expenses:**

District	2024	2023	Diff
Warren	64.1%	64.1%	0.00%
Sewer	19.4%	18.9%	0.50%
Butler	9.6%	9.9%	-0.30%
Simpson	6.9%	7.1%	-0.20%
TOTAL	<u>100.0%</u>	<u>100.0%</u>	

**2. Distribution within each District of allocated administration wages:**

Management, Operation Coordinators, Information Technology, and Accounting:

Distributed to:	2024	2023	Diff
Operations	58%	60%	-2.0%
Capital	42%	40%	2.0%
TOTAL	<u>100%</u>	<u>100%</u>	

General Manager:

Distributed to:	2024	2023	Diff
Operations	30%	30%	0%
Capital	70%	70%	0%
TOTAL	<u>100%</u>	<u>100%</u>	

(Continued: Memo – Rates & Allocations)

**3. Employee Overhead Rate:**

<u>Distributed to:</u>	Projected <u>2024</u>	Actual <u>2023</u>	<u>Diff</u>
Employee Costs	\$3,343,710	\$2,968,558	+\$375,152
Wage Base	5,207,953	4,591,468	+616,485
% Rate - Actual	64.2%	64.7%	-0.5%
<b>% Rate – Applied</b>	<b>64.2%</b>		

Note: Schedules providing detail for each of the above are attached.

# **Appendix E**

WARREN, BUTLER, SIMPSON  
**LIST OF NEW POSITIONS**

No.	Description	Hire Date	Approved	Purpose	Type of Activity	Division
2H-225	CMMS Administrator	3/10/2023	Budget 2023	Due to the quantity of assets being placed in service, this position will implement and administer Cityworks asset management system used to track maintenance, repairs, and replacement of utility plant.	<b>Operating Expense</b>	<b>Water &amp; Sewer</b>
2B-198	GIS Analyst	11/27/2023	Budget 2023	The quantity and scale of construction projects requires an additional position to maintain and update GIS mapping system for existing assets, new assets placed into service, and proposed developments and projects.	Capital	Water & Sewer
2K-235	Safety Specialist	4/15/2024	Budget 2023	Due to the increase in field personal, this position will implement and maintain safety standards at the worksite; ensure employees have the proper training, resources, and skills to perform their work safely.	<b>Operating Expense</b>	<b>Water &amp; Sewer</b>
2H-154	IT Supervisor	2/17/2024	Budget 2024	Manage the computer network, databases, software upgrades, cybersecurity, and IT Technicians.	<b>Operating Expense</b>	<b>Water &amp; Sewer</b>
2O-113	Lead Dispatch Operator	2/3/2024	Budget 2024	Efficiently dispatch and coordinate field crews for repair and maintenance activities across three counties.	<b>Operating Expense</b>	<b>Water &amp; Sewer</b>
2J-238	Accountant	6/10/2024	Budget 2024	Several Federal grants have been received by all three districts and this position will oversee grant and loan compliance; assist with filing PSC applications for general rate adjustments and responding to subsequent data requests.	<b>Operating Expense</b>	<b>Water &amp; Sewer</b>
2E-196	Lead Meter Technician	3/2/2024	Budget 2024	The number of meter installations have increased significantly and the Lead will be responsible for residential and industrial meter testing and reduction of water loss.	<b>Operating Expense</b>	<b>Water</b>
2B-210	Utility Locate Specialist	5/15/2023	Budget 2023	Perform the growing amount of locate requests of mains and services from customers, contractors, and fiber installers.	<b>Operating Expense</b>	<b>Water &amp; Sewer</b>

# **EXHIBIT 8C**

**COMMONWEALTH OF KENTUCKY**  
**BEFORE THE PUBLIC SERVICE COMMISSION**

**In the Matter of:**

**ELECTRONIC APPLICATION OF )**  
**WARREN COUNTY WATER ) CASE NO. 2024-00201**  
**DISTRICT FOR AN ADJUSTMENT )**  
**OF RATES FOR SEWER SERVICE )**

**WRITTEN TESTIMONY OF**  
**JEFF PEEPLES**  
**MANAGER OF FINANCE AND ADMINISTRATION**  
**WARREN COUNTY WATER DISTRICT**

**Filed: July 31, 2024**

1 **Q. Please state your name, position and business address.**

2 A. My name is Jeff Peeples. I am the Manager of Finance and Administration at  
3 Warren County Water District. My business address is the address of the  
4 District, P.O. Box 10180 Bowling Green, Kentucky 42102-4780. The  
5 physical address of the District is 523 U.S. 31-W Bypass, Bowling Green, KY  
6 42101.

7 **Q. How long have you been the Manager of Finance and Administration at**  
8 **the District?**

9 A. I have been in this position for 25 years.

10 **Q. Please describe your educational and professional background.**

11 A. I earned a bachelor's degree in accounting from Western Kentucky University.  
12 I have served in my current position since April 1999 when I began working  
13 for the District. Prior to starting to work for the District, I worked for nine (9)  
14 years in the manufacturing industry for two (2) different employers. My first  
15 job was as an accountant. I was a controller in the second job. The  
16 experiences and skills which I acquired in these two (2) jobs enabled me to  
17 commence working for the District as the Manager of Finance and  
18 Administration.

19 **Q. What are your duties and responsibilities as Manager of Finance and**  
20 **Administration?**

1 A. In my role I serve both the water and sewer divisions. I supervise the Billing  
2 Administrator, Customer Service Supervisor, AMR/AMI Supervisor, Water  
3 Accountability Supervisor, and the Accounting Supervisor. I also coordinate  
4 the preparation of the District’s budget, assume responsibility for maintaining  
5 the District’s financial records in accordance with the Uniform System of  
6 Accounts for Utilities, direct the preparation and development of bid  
7 specifications, and ensure procurement statutes and policies are followed. My  
8 Biographical Information is attached as **Appendix A** to this testimony.

9 **Q. Does the District have a Job Description for the Manager of Finance and**  
10 **Administration?**

11 A. Yes. It is attached as **Appendix B** to this testimony.

12 **Purpose of Testimony**

13 **Q. What is the purpose of your Written Testimony?**

14 A. The primary purposes of my Written Testimony are: (1) to explain the Joint  
15 Management and Operations Agreement between Warren District, Butler  
16 County Water System, Inc., and Simpson County Water District and how costs  
17 are allocated; (2) to support the District’s application for a general rate  
18 adjustment; (3) to explain the District staff’s role in preparing the Cost-of-  
19 Service Study (“COSS”) filed with this Application; (4) to explain District  
20 staff’s role in assisting with the preparation of the PSC Application and



1 Exhibits; (5) to explain the Depreciation Expense adjustments; and (6) to  
2 describe the health and dental insurance benefits provided by the District and  
3 the contributions made by its employees to this cost.

#### 4 **Joint Management and Operation**

5 **Q. Please explain the Joint Management and Operation arrangement the**  
6 **District has with Butler County Water System, Inc. and Simpson County**  
7 **Water District.**

8 A. Over 25 years ago, the District joined with Butler Water and Simpson District  
9 in a Joint Operations Agreement (the “Agreement”). The latest version is  
10 dated January 11, 2024, and is attached as **Appendix C** to this testimony. The  
11 objective of the Agreement is to provide the customers of the three (3) water  
12 systems with the best service possible at the most economical cost. Joint  
13 operation of the three (3) systems allows us to take advantage of economies  
14 of scale. The testimony of the District’s General Manager, Jacob Cuarta,  
15 provides some information on the history of this arrangement. Of the three (3)  
16 systems, only Warren District provides sewer service.

17 **Q. Explain how the Boards of the three (3) water systems function within**  
18 **this arrangement.**

19 A. Additional information is contained in the testimony of General Manager,  
20 Jacob Cuarta, but essentially each water system has its own Board that sets

1 policy, rules, and regulations for the utility for which it is responsible. The  
2 water systems are operated according to the policies, rules, and regulations set  
3 forth by the respective Boards. A Joint Utility Committee consisting of one  
4 member from each water system's Board oversees the planning and operation  
5 of shared services.

6 **Q. What role does Warren District have in the joint operation?**

7 A. Warren District is the Lead Water System. The General Manager for Warren  
8 District also serves as the General Manager for Butler Water and Simpson  
9 District. Warren District provides the employees, equipment, and services to  
10 operate all of the day-to-day business of each water system according to the  
11 policies, rules, and regulations adopted by the respective Boards of the water  
12 systems. The records of each water system are kept separately, but Warren  
13 District is responsible for maintaining all records.

14 **Q. What specific services does Warren District supply as the Lead Water**  
15 **System?**

16 A. Warren District provides the Information Technology Network hosting  
17 software for billing, accounting, GIS, and asset management. Warren District  
18 coordinates and supervises the operation and maintenance of the three (3)  
19 systems. It also provides engineering services and supervision of contractors  
20 involved with construction projects. Warren District oversees all extension

1 agreements. Additionally, Warren District provides the equipment and  
2 supplies to maintain each system and is responsible for maintaining the  
3 accounting and financial records for each system. Warren District provides  
4 customer service for all three (3) systems, processes all applications for  
5 service, and responds to customer inquiries.

6 **Q. How is Warren District reimbursed for the actual cost of labor and**  
7 **equipment used to service the other water systems?**

8 A. Each water system pays the actual cost of labor for field crews, engineering,  
9 and non-administrative personnel. The labor and equipment hours are tracked  
10 through Warren District's timecard system and hours recorded by each  
11 employee are charged to the appropriate water system, and in Warren  
12 District's case charged to the appropriate division, either water or sewer. For  
13 example, a repair crew's workday may include time worked in more than one  
14 water system and when this is reflected in the timecard system, the labor,  
15 truck, and backhoe time is charged to the appropriate water system. On a  
16 monthly basis, each water system reimburses Warren District for the actual  
17 costs of these services.

18 Additionally, the cost of providing employee benefits, including paid  
19 time off and insurance; retirement; payroll taxes; and workers' compensation  
20 is shared by allocating all of these costs to "Employee Overhead" and

1 calculating an “Employee Overhead Rate.” The Employee Overhead Rate is  
2 applied to wages worked and allows Warren District to recover the cost of  
3 paid time off, medical insurance, workers’ compensation, and payroll taxes.  
4 The Employee Overhead amount is charged to the water system by  
5 multiplying the wages worked by the Employee Overhead Rate.

6 **Q. How are the costs for providing shared services allocated to Warren**  
7 **District’s Water Division, Sewer Division, Butler Water, and Simpson**  
8 **District?**

9 A. At the beginning of each year the Joint Utility Committee reviews and  
10 approves a Rates and Allocations Memo that sets forth the Employee  
11 Overhead Rate and outlines cost sharing allocations for administrative wages  
12 and other shared expenses. The 2024 Rates and Allocations Memo is attached  
13 to this testimony as **Appendix D**. The allocation is based upon the prior year’s  
14 total number of customers and each water system’s percentage of the total.  
15 This is because certain administrative employees support operations of all  
16 three (3) water systems daily. These positions benefit all utilities and typically  
17 are proportionate to the number of customers or size of the water system.  
18 Positions that are allocated based upon percentage of customers include the  
19 General Manager, Manager of Finance & Administration, Manager of Water  
20 Quality & Operations, and Billing Administrator. For 2024 the allocation was

1 Warren Water 64.1%, Warren Sewer 19.4%, Butler 9.6%, and Simpson 6.9%.

2 Each water system's portion is calculated by multiplying the actual  
3 administrative wages by their corresponding percentage of customers.

4 Administrative personnel can also record time directly to a specific project,  
5 such as billing software implementations.

6 **Q. Are there some Administrative Employees whose time is not allocated,  
7 but is charged directly to a specific utility?**

8 A. Yes. Each utility which we operate has one or more Customer Service  
9 Representatives ("CSR") who work solely for a specific utility. For example,  
10 the Butler System has two (2) CSRs who are physically located in  
11 Morgantown at the Butler System office. All of their wages and associated  
12 costs are charged 100% to the Butler System. Likewise, the Simpson District  
13 has one CSR who is physically located in Franklin at the Simpson District  
14 office. All of this person's wages and associated costs are charged 100% to  
15 the Simpson District.

16 **Q. Does Warren District have any CSRs who work solely for Warren  
17 District?**

18 A. Yes. Warren District has several "front office" employees, including four (4)  
19 CSRs. The wages and associated costs for all of these "front office"  
20 employees is charged 100% to Warren District.

1 **Q. How are the costs associated with these “front office” employees allocated**  
2 **between the Warren Water Division and to the Warren Sewer Division?**

3 A. The split is 60/40. The Water Division is charged 60% and the Sewer  
4 Division is charged 40% of the wages and associated costs of these “front  
5 office” employees

6 **Q. How does Warren District allocate its costs between its Water Division**  
7 **and its Sewer Division?**

8 A. We have always treated the Water Division and the Sewer Division as two (2)  
9 separate utilities, which just happen to be governed by the same Board of  
10 Commissioners. As shown in the 2024 Rates and Allocation Memo (see  
11 **Appendix D**), the Water Division and the Sewer Division are listed along with  
12 Butler Water and Simpson District. From an allocation of cost perspective,  
13 Warren District operates four (4) utilities: (1) Warren Water; (2) Warren  
14 Sewer; (3) Butler Water; and (4) Simpson District.

15 **Assistance with Cost-of-Service Study**

16 **Q. What role, if any, did you have in preparing the Cost-of-Service Study**  
17 **which is being filed with the PSC in this case?**

18 A. My role was primarily a support role. In late 2023, the District engaged the  
19 services of HDR Engineering, Inc. (“HDR”) to perform a Rate Study or Cost-  
20 of-Service Study (“COSS”) to be used to propose sewer rates to the Board and

1 then to the Kentucky Public Service Commission (“PSC”) for approval. We  
2 needed to hire an expert in this field because I did not have any experience in  
3 the field of rate-making. I have never prepared a general rate case, and the  
4 District has never prepared or filed a general rate case with the PSC since I  
5 have been working here. Also, no person currently working at the District  
6 has ever prepared a general rate case. Thus, we needed help.

7 **Q. Who did HDR select to perform the Rate Study or COSS?**

8 A. HDR’s Lexington office assigned Ross Guffey and Abbey Osborne to prepare  
9 the Rate Study or COSS. The District’s General Manager, Jacob Cuarta, and  
10 I met numerous times with Mr. Guffey and Ms. Osborne. Some of the  
11 meetings were in person and some were held via Teams.

12 **Q. Were there any aspects of Warren District’s rate schedule for sewer  
13 service that you and General Manager, Jacob Cuarta specifically brought  
14 to HDR’s attention?**

15 A. Yes. We pointed out that the present rate tiers for sewer do not match rate tiers for  
16 water. Sewer customers are billed according to their water usage. No sewer customer  
17 has a meter to measure the amount of sewer effluent it discharges. Therefore, it makes  
18 sense for the water and sewer rate tiers to match. Also, the different rate tiers were  
19 confusing to staff who do the billing. In addition, minimum usage volume for some

1 of the meter sizes was different for water & sewer. We asked HDR to make the  
2 minimum usage volume amounts to be the same for water & sewer.

3 Finally, We wanted to eliminate the Sewer Tariff for Smiths  
4 Grove. Historically, Smiths Grove sewer rates have been higher. This was  
5 justified many years ago when debt was incurred specifically for Smiths  
6 Grove, but that debt has been paid off for several years and there is no longer  
7 a justification for charging the Smiths Grove customers higher sewer  
8 rates. There is a unified water rate for all of Warren District's water customers  
9 so we wanted a unified sewer rate for all our customers as well.

10 **Q. What information did the District provide to HDR throughout this**  
11 **several month process?**

12 A. In hindsight, it seems that we have provided HDR with every financial and  
13 billing record imaginable, including the "kitchen sink." They were very  
14 detailed oriented and thorough.

15 **Q. Please summarize some of the information which was provided to HDR?**

16 A. We provided the following: the District's General Ledger for 2023; Income  
17 Statements for multiple years; Balance Sheet for multiple years; PSC Annual  
18 Reports for 2022 and 2023; Depreciation Schedule for 2023; billing  
19 information for 2023; adjustments to the Depreciation Schedule to reflect  
20 capital projects which were placed into service throughout 2023 so that the



1 District could recover a full year's depreciation expense going forward;  
2 schedule of principal and interest payments due for the next several years; an  
3 Excel spreadsheet showing known and measurable changes which occurred  
4 during calendar year 2023 and since the end of 2023; payroll information; and  
5 many other documents which they requested throughout the process. I am  
6 sure that I have omitted some of the documents which we provided.

7 **Q. Was Calendar Year 2023 Selected as the Test Year?**

8 A. Yes. We decided to use 2023 as the Test Year because it is the most recent full  
9 calendar year for which financial data was available.

10 **Q. Did the District suggest or dictate to HDR the amount of the rate increase**  
11 **which is being proposed in this case?**

12 A. Absolutely not! We provided information to enable HDR to independently  
13 prepare its COSS and recommend the proposed rates to the Board. The rates  
14 recommended by HDR are the rates being submitted to the PSC.

15 **Q. Have you had an opportunity to review the COSS prepared by HDR?**

16 A. Yes. HDR did an excellent job keeping us informed and providing us with  
17 draft schedules and information throughout the study process. We provided  
18 the necessary or requested feedback to HDR.

19

20

21

1 **Assistance with PSC Rate Application**

2 **Q. What role did you and District staff have in assisting with the**  
3 **preparation of the PSC Application for a general rate adjustment for**  
4 **the Sewer Division?**

5 A. District staff did not prepare any portion of the PSC Application, except for  
6 some of the Exhibits, but we supported the efforts of the Stoll Keenon  
7 Ogden (“SKO”) attorneys who prepared the PSC Application.

8 **Q. Please describe District Staff’s support role.**

9 A. District staff, including myself, provided general background information  
10 about the District, met with the SKO attorneys on numerous occasions via  
11 Teams, and answered dozens of questions posed by the SKO attorneys. We  
12 provided a portion of the information used by the SKO attorneys to prepare  
13 the Customer Notice. HDR provided the information about the proposed  
14 rates and the new minimum amounts for the larger size meters. District Staff  
15 proofread these documents and verified their accuracy. We made  
16 arrangements with the *Bowling Green Daily News* for the Customer Notice  
17 to be published as instructed by SKO. We provided numerous financial and  
18 other documents to SKO.

19 **Q. Did District staff prepare any of the Exhibits to the PSC Application?**

1 A. Yes. I believe Exhibits 12, 14, 15, 16, 19A, 19B, 20, 22A, and 22B, were  
2 prepared by District Staff. We also assisted with the preparation of some of  
3 the other Exhibits.

4 **Q. Did District staff review the PSC Application prepared by SKO?**

5 A. Of course. Both the District’s General Manager and I reviewed and approved  
6 the PSC Application prepared by SKO

7 **Depreciation Adjustment**

8 **Q. How does Warren District calculate depreciation rates?**

9 A. Warren District has not performed a depreciation study to determine the  
10 service lives of its plant assets. It lacks sufficient plant addition and retirement  
11 information to perform such a study. We are aware that the Commission has  
12 held that, in the absence of a depreciation study to support the service life  
13 assigned to a water utility’s plant assets, the mid-point of the service life range  
14 set forth in the National Association of Regulatory Commissioners’  
15 *Depreciation Practices for Small Water Utilities* (“NARUC Study”) for that  
16 asset group should be used to establish a water utility’s depreciation rates.  
17 Effective January 1, 2022, Warren District implemented the use of the mid-  
18 point of the service life range set forth in the NARUC Study to determine its  
19 depreciation rates for sewer assets. Because Warren District utilized the mid-  
20 point of the useful life ranges included in the NARUC Study during the test

1 year to calculate its Depreciation Expense, no adjustments to test year  
2 Depreciation Expense were necessary to achieve consistency with the  
3 Commission's current practice.

4 **Q. Why is Warren District proposing adjustments to Depreciation Expense?**

5 A. Warren District had a number of construction projects that were completed  
6 and placed into service during the test year. Additionally, Warren District has  
7 accepted ownership of certain sewer laterals constructed by subdivision  
8 developers and donated to Warren District as of April 30, 2024. The addition  
9 of these capital assets results in a known and measurable change in Warren  
10 District's Depreciation Expense. The overall increase to Depreciation  
11 Expense is \$245,339. The details concerning the various construction projects  
12 and their impact on Depreciation Expense can be found in "*WC Known and*  
13 *Measurables.xlsx*"

#### 14 **Health and Dental Insurance**

15 **Q. Does the District provide health and dental benefits to its employees?**

16 A. Yes. The District offers plans for employee only, employee and children, and  
17 family coverage for both medical and dental insurance.

18 **Q. What percent of the cost of employee medical and dental insurance does**  
19 **Warren District pay and what percentage, if any, do employees**  
20 **contribute?**

1 A. Warren District pays 70 percent of the cost of each employee's medical  
2 insurance. This includes single coverage, employee and children, and family  
3 coverage. Employees contribute 30 percent of the cost of the premium for  
4 medical insurance.

5 **Q. Did Warren District propose an adjustment to test year expenses to**  
6 **reduce Warren District's expense for employee medical and dental**  
7 **insurance to the national average for private employers as determined by**  
8 **the United States Bureau of Labor Statistics ("BLS average")?**

9 A. No, we did not because it is our understanding that the PSC will not adjust a  
10 utility's recoverable expenses for the cost of medical and dental insurance if  
11 employees contribute at least 12 percent of the cost of the insurance. Warren  
12 District's employees contribute well above 12 percent, so we have not made  
13 an adjustment to bring the expense of health insurance into conformity with  
14 the BLS average percentage of employee contribution.

15 **Q. Does this conclude your testimony?**

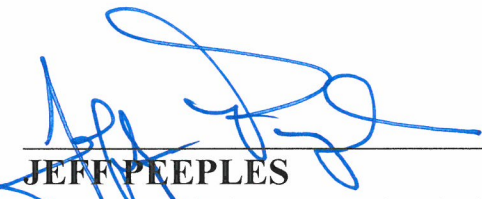
16 A. Yes, it does.

17

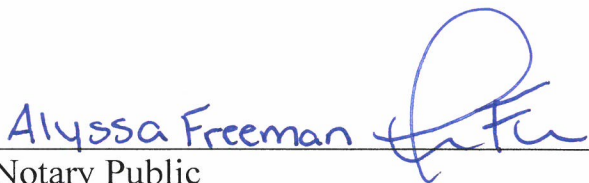
VERIFICATION

COMMONWEALTH OF KENTUCKY )  
 ) SS:  
COUNTY OF WARREN )

The undersigned, **Jeff Peeples**, being duly sworn, deposes and states that he is the Manager of Finance and Administration of Warren County Water District; he has personal knowledge of the matters set forth in the foregoing testimony; and the answers contained therein are true and correct to the best of his information, knowledge, and belief.

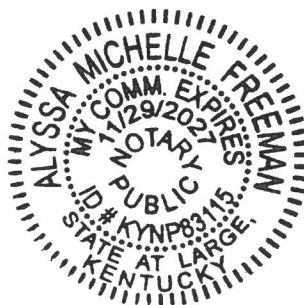
  
\_\_\_\_\_  
**JEFF PEEPLES**  
Manager of Finance and Administration  
Warren County Water District

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 31 day of July 2024.

  
\_\_\_\_\_  
Notary Public  
Notary Commission Number: KYNP83115

My Commission Expires:

11/29/2027



# Appendix A

## **Jeff Peeples Bio**

### **Manager of Finance and Administration, Warren County Water District**

Jeff Peeples has served as the Manager of Finance and Administration for Warren County Water District for the past 25 years, where he plays a pivotal role in overseeing the finance division, water accountability, customer service, and meter reading operations. Jeff's extensive experience and deep understanding of financial management have been instrumental in guiding the district through a wide range of administrative and financial functions.

A proud alumnus of Western Kentucky University, Jeff earned his degree in Accounting after graduating from Louisville Male Traditional High School. His academic background laid a strong foundation for his career, equipping him with the expertise necessary to excel in the complex field of financial management within the public utility sector.

In his role as Manager, Jeff is responsible for coordinating the preparation of both short and long-term budgets for the water district. He provides strategic leadership to various departments to ensure that budgetary plans align with the district's financial goals and operational needs. Jeff regularly evaluates proposed financial plans against actual financial reports, ensuring that financial performance meets or exceeds expectations.

Jeff maintains rigorous financial procedures and controls, and he is dedicated to developing and implementing improvements to manage the administration and finance functions of the district effectively. His responsibilities encompass all facets of accounting operations, including general accounting, customer billing, cash management, accounts receivable, and inventory control. Jeff ensures that all records are meticulously kept in accordance with the Uniform System of Accounts for Utilities, the Public Service Commission regulations, and other relevant requirements.

Jeff Peeples' leadership and financial acumen have been integral to the success and sustainability of the Warren County Water District. His commitment to excellence in financial management continues to support the district's mission to provide high-quality water services to the community.



# Appendix B

## Warren County Water District

## Job Description

<b>Job Title:</b> Manager of Finance and Administration
<b>Position Type:</b> Full time, Salaried
<b>Reports to:</b> General Manager
<b>Work Schedule:</b> 7:30 AM to 4:30 PM, Monday through Friday with overtime as needed.
<b>Revision Date:</b> May 29, 2024

### Summary/objective

To provide leadership and supervision to employees in accounting, customer service, applications and other office services while creating an environment favorable for growth of employees as well as the overall organization. To develop office routines which best utilize personnel while offering the best service to customers and providing the timeliest information to management. To assist other department managers in customer service, accounting, analyzing reports and financial matters. To prepare budgets and financial forecasts. To provide input on the formation of policies, objectives, and general philosophy as a member of the management staff.

### Essential functions

*Reasonable accommodations may be made to enable individuals with disabilities to perform these essential functions.*

- Responsible for managing, planning, coordinating, and administering all activities of administration and finance.
- Directs and responsible for all functions of accounting, including but not limited to general accounting, customer billing, collecting, cash management, accounts receivable, and inventory control and assures that all records are kept in accordance with the Uniform System of Accounts for Utilities, the Public Service Commission, and other requirements.
- Directs and responsible for all functions of customer service, records, and general office operations and ensures that all operations are conducted in accordance with approved policies and procedures.
- Analyzes and reports financial conditions to management.
- Maintains financial procedures and controls and develops improvements as necessary to properly manage the administration and finance function for the organization.
- Coordinates preparation of the water district long and short-range budgets and provides leadership to other departments in formation of the budgets. Regularly evaluates the proposed financial plans against the actual financial reports.
- Recommends policy revisions to ensure policies are in compliance with all regulations and requires while communicating policy to assigned personnel.
- Assists all assigned employees in interpretation of policy.
- Shares with other management staff members in the responsibility of the selection, implementation, preparation, and maintenance of an integrated information system to

meet the needs of the finance and administration department as well as all organizational needs.

- Assists in the management of all human resources issues and compliance for the organization.
- Maintains active relationships with business, civic, and governmental organizations which will reflect favorably on the water district's image as an integral force within the community.
- Direct preparation and development of bid specifications for all purchases to ensure procurement regulations are followed.
- Studies and assists in evaluation and implementation of changes in rates and charges.
- Performs department employee performance evaluations.
- Serves as a management staff member of the organization responsible for guiding all operations.
- Keeps general manager advised of any informalities internal or external along with any overall personnel and customer problems or other needs within the organization.
- Keeps familiar with Emergency Planning and Community Right-to-Know Act (EPCRA) reporting on hazardous and toxic chemicals, found or used in the work area.
- Works according to safety standards and policies adopted by Warren County Water District, is responsible for his or her own safety, and reports all incidents to his or her supervisor.
- Complies with all local traffic laws, regulations, and safe practices while operating any company vehicle.
- Must be willing to obtain First Aid/CPR certification upon employment.
- Other duties as assigned.

## **Competencies**

- Working knowledge of accounting principles and regulations relative to utilities.
- Must be familiar with the principles of budget planning and controls.
- Understanding of Uniform Systems of Accounts.
- Must be able to communicate well and possess a positive attitude toward problem solving.
- Must have knowledge and understanding of current office principles and practices.
- Must possess good communication skills.
- Skills in organization, planning, directing, and controlling operations and supervision of office services and personnel management.
- Skills in motivating, training, and evaluating employees to achieve their highest degree of productivity.
- Apply confidentiality to all areas of sensitive employee and customer information.
- Excellent verbal and written communication skills.

## **Reporting relationships**

- Reports to: General Manager

- Directs: Billing Administrator, Customer Service Supervisor, Accounting Supervisor- Finance Reporting, Customer Service Supervisor- Customer Accounts, AMR/AMI Supervisor, Water Accountability Supervisor, Accountant

### **Work environment**

- Some work in and out of an office environment.
- Some after-hours work required.

### **Physical demands**

Lifting up to 15 pounds may be required.

### **Travel required**

Some travel in and around the system will be required. Must be willing to attend courses related to work.

### **Education and experience**

- Bachelor's Degree: A minimum of a Bachelor's degree in Finance, Accounting, Business Administration, Public Administration, or a related field.
- Advanced Degree (Preferred): A Master's degree in Business Administration (MBA), Finance, Public Administration, or a related field is often preferred but not always required.
- At least 5-7 years of progressively responsible experience in finance, accounting, or administration, with a preference for experience within the public sector or utility industry. Significant experience in a managerial or supervisory role, typically 2-4 years, overseeing finance and administrative functions.

### **Additional eligibility requirements**

- Must possess and maintain a valid driver's license.
- Must be willing to obtain First Aid/CPR certification upon employment.

### **Other duties**

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities, and activities may change at any time with or without notice.

*Warren County Water District is an Equal Opportunity Employer*

# Appendix C

## JOINT OPERATIONS AGREEMENT

This **AGREEMENT**, made and entered into this 11 day of January, 2024, by and between **BUTLER COUNTY WATER SYSTEM, INC.**, (Butler Water) a water association of Butler County, Kentucky duly created in accordance with the applicable provisions of Chapter 273 of the Kentucky Revised Statutes and **SIMPSON COUNTY WATER DISTRICT** (Simpson Water) a water district duly created by the County of Simpson in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes and **WARREN COUNTY WATER DISTRICT** (Warren Water) a water district duly created by the County of Warren in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes.

### WITNESSETH:

**WHEREAS**, Butler Water, Simpson Water and Warren Water (Water Systems) presently operate water systems (the "Systems") within the County of Butler, Simpson and Warren for the citizens, residents and commercial and industrial users within said counties for the purpose of providing potable water service;

**WHEREAS**, by all Water Systems continuing to work together in a joint effort focusing on water operations and service to its customers, a better quality of service can be provided in a more economical manner to the water customers in Butler, Simpson and Warren Counties, and;

**WHEREAS**, an existing Joint Operations Agreement (existing agreement) expires on February 14, 2024 and it is set forth in the existing agreement any party may terminate the existing agreement with 12 months notice, and;

**WHEREAS**, the Water Systems desire to continue to work together under this Joint Operations Agreement upon the expiration of the existing agreement for certain services regarding operation of each System,

**NOW, THEREFORE**, for and in consideration of the mutual covenants contained herein and the benefits to be derived by the parties hereto, the parties hereby agree as follows:

1. **Operating Policies, Rules, Regulations and Rates.** Each Board of the respective Water Systems shall establish its own policies, rules, regulations and rates and direct activities on an appropriate board level. The Water Systems shall be operated in accordance with respective policies, rules, regulations. All records will be kept separate for each Water System.
2. **Joint Utility Committee.** All Water Systems join together to create a "Joint Utility Committee" consisting of one member from each of the Water System's Boards. The committee shall meet at least bi-annually to oversee the planning and operations of jointly shared services. For all jointly shared services, standards of performance shall be defined and methodology for cost allocations shall be reviewed and approved by the Joint Utility Committee in an effort to provide the customers of all Water Systems quality service at the lowest cost. Changes in costs and the manner of providing jointly shared services shall be implemented only after they are recommended by the Joint Utility Committee and approved by the Boards of all participating utilities. The Joint Utility Committee shall also at the request of any of the Water Systems review previously established methodology for shared costs, services, or standards of performance.
3. **Lead Water System.** Warren Water will provide the employees, equipment, and other services necessary to carry out general system operations and the day-to-day business of each Water System in conformance with respective policies, rules and regulations. The employees working in Butler and Simpson Counties

on a regular basis will clearly be identified as representing the respective Water System for which they regularly work. Other jointly shared employees will be identified as Butler, Simpson and Warren County Water System employees or other identification as agreed to by the Water Systems.

4. **Water Systems General Manager.** The General Manager for each of the Water Systems is designated as Jacob Cuarta. The General Manager will be evaluated on a regular basis by each Water System and the evaluation reported to The Joint Utility Committee. When a change in management becomes necessary, the Joint Utility Committee will have the option to participate in the process and approve the selection of the Manager of Butler Water and Simpson Water.
  - A. The General Manager shall be responsible for managing, planning, coordinating, and administering all activities.
  - B. The General Manager shall be responsible for short and long-range strategies of the organizations subject to review and approval by each Water System Board.
  
5. **Services Provided.** Warren Water System shall provide:
  - A. A totally integrated information system for use by each of the Water Systems which will provide all functions necessary for efficient operation and business activities.
  - B. Coordination and supervision of construction, operations, and maintenance of the water system.
  - C. Engineering, supervision of contractors and construction inspection services for major projects and extension agreements. Engineering services shall also be provided for routine customer inquiries.



- D. Maintenance of proper operating and accounting records including a monthly report in a format to be approved by each Water System. Such reports outlining operations for the preceding month shall be submitted to each Water System. All accounting records, operating records, and plant accounts will be kept in accordance with the requirements of the governmental agencies financing each Water System in addition to those required by the Kentucky Public Service Commission.
  - E. Coordination, supervision, and maintenance of all necessary and proper services required for billing and collection of monthly water bills.
  - F. Customer service as required.
  - G. Read-in and read-out of water customers that change locations.
  - H. Monthly reading of meters and required data for billing and customer records.
  - I. Certain heavy equipment and material inventory necessary to maintain the Systems.
  - J. Processing of applications for new water services.
  - K. Installation of new water services.
  - L. Other duties may be considered necessary to provide complete operations for each Water System.
6. **Compensation.** Each Water System shall pay the actual cost on a monthly basis of labor, equipment, material and other expenses for services provided by any other Water System.
7. **Term of Agreement.** This agreement shall be for a term of five (5) years from the expiration of the existing agreement on February 14, 2024, and shall expire on

February 28, 2029. Each Water System may terminate the agreement prior to the expiration date with 12 months notice to the other Water Systems.

8. **Insurance.** Each Water System shall maintain in full force and effect insurance coverage in amounts determined to be necessary for each Water System's own protection and the protection of the other parties to this agreement. Insurance shall be carried specifically for Workman's Compensation (if applicable), Public Liability and Automobile Liability. Each Water System shall be named as an additional insured on the other Water System's policies. Each Water System shall be held harmless from the other Water Systems for any damage or liability caused by an employee or contractor of the other Water Systems, or on account of any other liability or claim arising out of, or connected with, the within referred to relationship between the Water Systems.
9. **Audit.** Each Water System shall have an audit performed each year by a Certified Public Accountant in accordance with the federal standards required by the Water System's lending agency.
10. **Effective Date.** This Agreement is effective upon authorization and execution of the agreement by all Water Systems and expiration of the existing agreement on February 14, 2024.
11. **Third Party Rights.** It is the intention of the parties that nothing in this Agreement shall be deemed to create any right with respect to any person or entity not a party to this Agreement.
12. **Parties in Interest; Assignment.** All covenants and agreements contained in this Agreement by or on behalf of any of the parties to this Agreement shall bind and inure to the benefit of their respective successors. Neither party may assign

their rights or delegate their obligations under this Agreement to any other person or entity without the written consent of the other party.

13. **Construction; Governing Law.** The section headings contained in this Agreement are inserted as a matter of convenience and shall not affect in any way the construction of the terms of this Agreement. The Agreement shall be governed by and interpreted in accordance with the laws of the Commonwealth of Kentucky.
14. **Counterparts.** This Agreement may be executed in one or more counterparts, any one of which need not contain the signatures of more than one party but all of which taken together shall constitute one and the same Agreement.

**IN TESTIMONY WHEREOF**, the parties have executed this Agreement on the day and year first above written.

BUTLER COUNTY WATER SYSTEM, INC.

BY: Wayne M. [Signature]  
TITLE: \_\_\_\_\_

SIMPSON COUNTY WATER DISTRICT

BY: Stephen B. [Signature]  
TITLE: \_\_\_\_\_

WARREN COUNTY WATER DISTRICT

BY: [Signature]  
TITLE: \_\_\_\_\_

# Appendix D



COUNTY WATER DISTRICTS

# Memo

**To:** Jacob Cuarta  
**From:** Jeff Peeples  
**CC:** Rhonda L., Cheryl D., Ashley H., Derek W., Tina G., Marsha P.  
**Date:** January 11, 2024  
**Re:** Rates and Allocations – Year 2024

Based upon the end of year statistics, the following rates and allocations have been determined for Year 2024:

**1. Allocation of administration wages, and other shared expenses:**

<u>District</u>	<u>2024</u>	<u>2023</u>	<u>Diff</u>
Warren	64.1%	64.1%	0.00%
Sewer	19.4%	18.9%	0.50%
Butler	9.6%	9.9%	-0.30%
Simpson	<u>6.9%</u>	<u>7.1%</u>	-0.20%
TOTAL	<u>100.0%</u>	<u>100.0%</u>	

**2. Distribution within each District of allocated administration wages:**

Management, Operation Coordinators, Information Technology, and Accounting:

<u>Distributed to:</u>	<u>2024</u>	<u>2023</u>	<u>Diff</u>
Operations	58%	60%	-2.0%
Capital	<u>42%</u>	<u>40%</u>	2.0%
TOTAL	<u>100%</u>	<u>100%</u>	

General Manager:

<u>Distributed to:</u>	<u>2024</u>	<u>2023</u>	<u>Diff</u>
Operations	30%	30%	0%
Capital	<u>70%</u>	<u>70%</u>	0%
TOTAL	<u>100%</u>	<u>100%</u>	

(Continued: Memo – Rates & Allocations)

**3. Employee Overhead Rate:**

<u>Distributed to:</u>	<u>Projected 2024</u>	<u>Actual 2023</u>	<u>Diff</u>
Employee Costs	\$3,343,710	\$2,968,558	+\$375,152
Wage Base	5,207,953	4,591,468	+616,485
% Rate - Actual	64.2%	64.7%	-0.5%
<b>% Rate – Applied</b>	<b>64.2%</b>		

Note: Schedules providing detail for each of the above are attached.

# **EXHIBIT 9**

# WCWD SEWER BILLING ANALYSIS

## Existing Rates with Test Year Retail Usage

5/8" x 3/4" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 2,000	Next 6,000	Next 12,000	Next 80,000	Over 100,000
TOTALS	107,120	435,113,659	185,167,131	202,915,926	34,064,514	12,204,751	761,337

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue	
First 2,000 gallons	107,120	185,167,131	\$12.25	Min. Bill	\$1,312,220	
Next 6,000 gallons		202,915,926	\$5.30		\$1,075,454	
Next 12,000 gallons		34,064,514	\$4.16		\$141,708	
Next 80,000 gallons		12,204,751	\$3.86		\$47,110	
Over 100,000 gallons		761,337	\$3.36		\$2,558	
5/8" x 3/4" CONNECTION ANNUAL REVENUE						\$2,579,051

1" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 5,000	Next 3,000	Next 12,000	Next 80,000	Over 100,000
TOTALS	6,070	189,040,882	23,120,474	8,575,568	14,709,267	15,805,697	126,829,876

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue	
First 5,000 gallons	6,070	23,120,474	\$28.14	Min. Bill	\$170,810	
Next 3,000 gallons		8,575,568	\$5.30		\$45,451	
Next 12,000 gallons		14,709,267	\$4.16		\$61,191	
Next 80,000 gallons		15,805,697	\$3.86		\$61,010	
Over 100,000 gallons		126,829,876	\$3.36		\$426,148	
1" CONNECTION ANNUAL REVENUE						\$764,609

1.5" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 10,000	Next 10,000	Next 80,000	Over 100,000	
TOTALS	505	22,737,080	4,309,252	3,003,405	8,276,920	7,147,503	

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue	
First 10,000 gallons	505	4,309,252	\$52.17	Min. Bill	\$26,346	
Next 10,000 gallons		3,003,405	\$4.16		\$12,494	
Next 80,000 gallons		8,276,920	\$3.86		\$31,949	
Over 100,000 gallons		7,147,503	\$3.36		\$24,016	
1.5" CONNECTION ANNUAL REVENUE						\$94,805

2" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 16,000	Next 4,000	Next 80,000	Over 100,000	
TOTALS	1,437	484,012,347	17,888,941	3,712,192	42,435,987	419,975,227	

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue	
First 16,000 gallons	1,437	17,888,941	\$76.50	Min. Bill	\$109,931	
Next 4,000 gallons		3,712,192	\$4.16		\$15,443	
Next 80,000 gallons		42,435,987	\$3.86		\$163,803	
Over 100,000 gallons		419,975,227	\$3.36		\$1,411,117	
2" CONNECTION ANNUAL REVENUE						\$1,700,293

3" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 30,000	Next 70,000	Over 100,000		
TOTALS	120	53,641,430	3,314,000	6,466,746	43,860,684		

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue	
First 30,000 gallons	120	3,314,000	\$129.29	Min. Bill	\$15,515	
Next 70,000 gallons		6,466,746	\$3.86		\$24,962	
Over 100,000 gallons		43,860,684	\$3.36		\$147,372	
3" CONNECTION ANNUAL REVENUE						\$187,848



# WCWD SEWER BILLING ANALYSIS

## Existing Rates with Test Year Retail Usage

4" CONNECTION					
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 50,000	Next 50,000	Over 100,000
TOTALS	96	108,074,517	4,075,000	3,720,000	100,279,517

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue
First 50,000 gallons	96	4,075,000	\$202.39	Min. Bill	\$19,429
Next 50,000 gallons		3,720,000	\$3.86		\$14,359
Over 100,000 gallons		100,279,517	\$3.36		\$336,939
<b>4" CONNECTION ANNUAL REVENUE</b>					<b>\$370,728</b>

6" CONNECTION				
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 100,000	Over 100,000
TOTALS	12	100,870,000	1,200,000	99,670,000

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue
First 100,000 gallons	12	1,200,000	\$385.14	Min. Bill	\$4,622
Over 100,000 gallons		99,670,000	\$3.36		\$334,891
<b>6" CONNECTION ANNUAL REVENUE</b>					<b>\$339,513</b>

5/8" x 3/4" CONNECTION SG							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 2,000	Next 6,000	Next 12,000	Next 80,000	Over 100,000
TOTALS	5,034	16,932,070	8,063,335	6,767,657	969,037	867,587	264,454

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue
First 2,000 gallons	5,034	8,063,335	\$18.94	Min. Bill	\$95,344
Next 6,000 gallons		6,767,657	\$5.47		\$37,019
Next 12,000 gallons		969,037	\$5.26		\$5,097
Next 80,000 gallons		867,587	\$4.64		\$4,026
Over 100,000 gallons		264,454	\$4.24		\$1,121
<b>5/8" x 3/4" CONNECTION SG ANNUAL REVENUE</b>					<b>\$142,607</b>

1" CONNECTION SG							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 5,000	Next 3,000	Next 12,000	Next 80,000	Over 100,000
TOTALS	255	3,125,367	971,629	435,267	913,877	804,594	0

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue
First 5,000 gallons	255	971,629	\$35.35	Min. Bill	\$9,014
Next 3,000 gallons		435,267	\$5.47		\$2,381
Next 12,000 gallons		913,877	\$5.26		\$4,807
Next 80,000 gallons		804,594	\$4.64		\$3,733
Over 100,000 gallons		0	\$4.24		\$0
<b>1" CONNECTION SG ANNUAL REVENUE</b>					<b>\$19,935</b>

2" CONNECTION SG							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 16,000	Next 4,000	Next 80,000	Over 100,000	
TOTALS	117	3,018,509	1,100,849	236,000	1,639,013	42,647	

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Existing Rates		Revenue
First 16,000 gallons	117	1,100,849	\$92.84	Min. Bill	\$10,862
Next 4,000 gallons		236,000	\$5.26		\$1,241
Next 80,000 gallons		1,639,013	\$4.64		\$7,605
Over 100,000 gallons		42,647	\$4.24		\$181
<b>2" CONNECTION SG ANNUAL REVENUE</b>					<b>\$19,889</b>

# WCWD SEWER BILLING ANALYSIS

## Proposed Rates with Test Year Retail Usage

5/8" x 3/4" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 2,000	Next 8,000	Next 90,000	Next 900,000	Over 1,000,000
TOTALS	107,120	435,113,659	185,167,131	209,244,573	31,860,549	8,592,786	248,620

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue
First 2,000 gallons	107,120	185,167,131	\$13.49	Min. Bill	\$1,445,049
Next 8,000 gallons		209,244,573	\$5.84		\$1,221,988
Next 90,000 gallons		31,860,549	\$4.59		\$146,240
Next 900,000 gallons		8,592,786	\$4.25		\$36,519
Over 1,000,000 gallons		248,620	\$3.85		\$957
5/8" x 3/4" CONNECTION ANNUAL REVENUE					\$2,850,754

1" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 5,000	Next 5,000	Next 90,000	Next 900,000	Over 1,000,000
TOTALS	6,070	189,040,882	23,120,474	12,726,039	26,364,493	22,677,875	104,152,001

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue
First 5,000 gallons	6,070	23,120,474	\$31.01	Min. Bill	\$188,231
Next 5,000 gallons		12,726,039	\$5.84		\$74,320
Next 90,000 gallons		26,364,493	\$4.59		\$121,013
Next 900,000 gallons		22,677,875	\$4.25		\$96,381
Over 1,000,000 gallons		104,152,001	\$3.85		\$400,985
1" CONNECTION ANNUAL REVENUE					\$880,930

1.5" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 10,000	Next 90,000	Next 900,000	Over 1,000,000	
TOTALS	505	22,737,080	4,309,252	11,280,325	7,147,503	0	

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue
First 10,000 gallons	505	4,309,252	\$60.21	Min. Bill	\$30,406
Next 90,000 gallons		11,280,325	\$4.59		\$51,777
Next 900,000 gallons		7,147,503	\$4.25		\$30,377
Over 1,000,000 gallons		0	\$3.85		\$0
1.5" CONNECTION ANNUAL REVENUE					\$112,560

2" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 20,000	Next 80,000	Next 900,000	Over 1,000,000	
TOTALS	1,437	484,012,347	21,434,233	42,556,387	133,692,021	286,329,706	

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue
First 20,000 gallons	1,437	21,434,233	\$106.11	Min. Bill	\$152,480
Next 80,000 gallons		42,556,387	\$4.59		\$195,334
Next 900,000 gallons		133,692,021	\$4.25		\$568,191
Over 1,000,000 gallons		286,329,706	\$3.85		\$1,102,369
2" CONNECTION ANNUAL REVENUE					\$2,018,374

3" CONNECTION							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 30,000	Next 70,000	Next 900,000	Over 1,000,000	
TOTALS	120	53,641,430	3,314,000	6,466,746	40,008,284	3,852,400	

REVENUE TABLE					
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue
First 30,000 gallons	120	3,314,000	\$152.01	Min. Bill	\$18,241
Next 70,000 gallons		6,466,746	\$4.59		\$29,682
Next 900,000 gallons		40,008,284	\$4.25		\$170,035
Over 1,000,000 gallons		3,852,400	\$3.85		\$14,832
3" CONNECTION ANNUAL REVENUE					\$232,791

## WCWD SEWER BILLING ANALYSIS

### Proposed Rates with Test Year Retail Usage

4" CONNECTION						
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 50,000	Next 50,000	Next 900,000	Over 1,000,000
TOTALS	96	108,074,517	4,075,000	3,720,000	37,917,945	62,361,572

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue	
First 50,000 gallons	96	4,075,000	\$243.81	Min. Bill	\$23,406	
Next 50,000 gallons		3,720,000	\$4.59		\$17,075	
Next 900,000 gallons		37,917,945	\$4.25		\$161,151	
Over 1,000,000 gallons		62,361,572	\$3.85		\$240,092	
<b>4" CONNECTION ANNUAL REVENUE</b>						<b>\$441,724</b>

6" CONNECTION					
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 100,000	Next 900,000	Over 1,000,000
TOTALS	12	100,870,000	1,200,000	10,800,000	88,870,000

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue	
First 100,000 gallons	12	1,200,000	\$473.31	Min. Bill	\$5,680	
Next 900,000 gallons		10,800,000	\$4.25		\$45,900	
Over 1,000,000 gallons		88,870,000	\$3.85		\$342,150	
<b>6" CONNECTION ANNUAL REVENUE</b>						<b>\$393,729</b>

5/8" x 3/4" CONNECTION SG							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 2,000	Next 8,000	Next 90,000	Next 900,000	Over 1,000,000
TOTALS	5,034	16,932,070	8,061,998	7,127,447	1,478,171	264,454	0

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue	
First 2,000 gallons	5,034	8,061,998	\$13.49	Min. Bill	\$67,909	
Next 8,000 gallons		7,127,447	\$5.84		\$41,624	
Next 90,000 gallons		1,478,171	\$4.59		\$6,785	
Next 900,000 gallons		264,454	\$4.25		\$1,124	
Over 1,000,000 gallons		0	\$3.85		\$0	
<b>5/8" x 3/4" CONNECTION SG ANNUAL REVENUE</b>						<b>\$117,442</b>

1" CONNECTION SG							
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 5,000	Next 5,000	Next 90,000	Next 900,000	Over 1,000,000
TOTALS	255	3,125,367	971,629	639,755	1,513,983	0	0

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue	
First 5,000 gallons	255	971,629	\$31.01	Min. Bill	\$7,908	
Next 5,000 gallons		639,755	\$5.84		\$3,736	
Next 90,000 gallons		1,513,983	\$4.59		\$6,949	
Next 900,000 gallons		0	\$4.25		\$0	
Over 1,000,000 gallons		0	\$3.85		\$0	
<b>1" CONNECTION SG ANNUAL REVENUE</b>						<b>\$18,593</b>

2" CONNECTION SG						
Sewer Use (Gal.)	Number Bills	Total Usage (M Gal.)	First 20,000	Next 80,000	Next 900,000	Over 1,000,000
TOTALS	117	3,018,509	1,336,849	1,639,013	42,647	0

REVENUE TABLE						
Sewer Use	No. Bills	Gallons	Proposed Rates		Revenue	
First 20,000 gallons	117	1,336,849	\$106.11	Min. Bill	\$12,415	
Next 80,000 gallons		1,639,013	\$4.59		\$7,523	
Next 900,000 gallons		42,647	\$4.25		\$181	
Over 1,000,000 gallons		0	\$3.85		\$0	
<b>2" CONNECTION SG ANNUAL REVENUE</b>						<b>\$20,119</b>

# **EXHIBIT 10**

## PROPOSED RATES' EFFECT ON AVERAGE CUSTOMER BILLS

### Customers located outside the City of Smiths Grove\*

Customer	Average Usage (gals)	Monthly Bill at Current Rate	Monthly Bill at Proposed Rate	Monthly Bill Increase (\$)	Monthly Bill Increase (%)
5/8 x 3/4-Inch Meter	4,062	\$ 23.18	\$ 25.53	\$ 2.35	10.15
1-Inch Meter	31,144	\$ 136.98	\$ 157.26	\$ 20.28	14.81
1 1/2-Inch Meter	45,024	\$ 190.36	\$ 220.97	\$ 30.61	16.08
2-Inch Meter	336,821	\$ 1,197.66	\$ 1,479.80	\$ 282.14	23.56
3-Inch Meter	447,012	\$ 1,565.45	\$ 1,948.11	\$ 382.66	24.44
4-Inch Meter	1,125,776	\$ 3,842.00	\$ 4,782.55	\$ 940.55	24.48
6-Inch Meter	8,405,833	\$28,292.74	\$32,810.77	\$4,518.03	15.97
8-Inch Meter	NA	NA	NA	NA	NA
10-Inch Meter or Larger	NA	NA	NA	NA	NA

### Customers located within the City of Smiths Grove\*

Customer	Average Usage (gals)	Monthly Bill at Current Rate	Monthly Bill at Proposed Rate	Monthly Bill Increase (\$)	Monthly Bill Increase (%)
5/8 x 3/4-Inch Meter	3,364	\$ 26.40	\$ 21.46	-\$ 4.95	-18.73
1-Inch Meter	12,256	\$ 74.15	\$ 70.57	-\$ 3.58	-4.83
1 1/2-Inch Meter	NA	NA	NA	NA	NA
2-Inch Meter	25,799	\$140.79	\$132.73	-\$ 8.06	-5.72
3-Inch Meter	NA	NA	NA	NA	NA
4-Inch Meter	NA	NA	NA	NA	NA
6-Inch Meter	NA	NA	NA	NA	NA
8-Inch Meter	NA	NA	NA	NA	NA
10-Inch Meter or Larger	NA	NA	NA	NA	NA

\*Warren County Water District (“WCWD”) currently charges customers located within the City of Smiths Grove a different schedule of rates for sewer service than is charged to customers located outside of the City of Smiths Grove. In its application, WCWD proposes to cease charging different rate schedules and to charge a uniform schedule of rates to all customers. Accordingly, the effect of the proposed rates on Smiths Grove customers and on non-Smiths Groves customers differ.

# **EXHIBIT 11**

**STATEMENT OF ADJUSTED OPERATIONS  
AND REVENUE REQUIREMENT CALCULATION**

<b>Operating Revenues</b>	<b>Test Year</b>	<b>Adjustments</b>	<b>Ref.</b>	<b>Pro Forma</b>
Metered Revenue	\$ 6,144,256	\$		\$ 6,144,256
Other Sewer Revenue				
Forfeited Discounts	84,207			84,207
Interest Income	432,358			432,358
Misc. Service Revenues	33,870			33,870
Other Sewer Revenues	(14,276)			(14,276)
<b>Total Operating Revenues</b>	<b>\$ 6,680,415</b>			<b>\$ 6,680,415</b>
<b>Operating Expenses</b>				
Salaries and Wages- Employees	317,554	102,012	A	419,566
COLA		10,292	A	
Merit		6,351	A	
New employees		85,369	A	
Commissioner Fees	15,000	-		15,000
Employee Overhead	179,639			
Payroll Taxes	27,368	(27,368)	B, H	0
Wages	48,522	12,746	B	61,268
Worker's Comp	1,779	467	B	2,246
Fringe Benefits- Insurance	38,385	10,083	B	48,468
Retirement	63,585	16,702	B	80,287
COLA		4,578	C	4,578
Merit		2,825	C	2,825
Sewage Disposal	3,374,015			3,374,015
Purchased Power	157,890			157,890
Materials and Supplies	59,604			59,604
Contractual Services- Accounting	14,000			14,000
Contractual Services- Legal	5,136			5,136
Contractual Services- Other	226,678			226,678
Rental of Building/Real Prop.	-			-
Equipment Expenses	37,620			37,620
Insurance- Gen. Liability	15,774			15,774
Insurance- Other	2,545			2,545
Regulatory Expense	8,006			8,006
Bad Debt	4,466			4,466
Miscellaneous Expenses	17,777			17,777
Chemicals	30,983			30,983
Misc Non-Utility Income	(4)	4		0
Unrealized (Gain)/Loss on Investment	(39,712)			(39,712)
<b>Total Operation and Maint. Expenses</b>	<b>\$ 4,426,971</b>	122,049		<b>\$ 4,549,020</b>

Depreciation Expenses	1,918,276	245,339	D	2,163,615
Developments- Structures		7,433	E	
Developments- Mains		55,216	E	
Development – Laterals		37,845	E	
SCADA Upgrade		122,614	F	
CIS Infinity Upgrade		22,230	G	
Taxes other than Income	<u>0</u>	34,557	B, H	34,557
Total Operating Expenses	<b>6,345,247</b>	401,946		<b>\$ 6,747,193</b>
Net Utility Operating Income	<u>335,168</u>	<u>(401,946)</u>		<u>\$ 66,778)</u>

### **Revenue Requirements**

---

Pro Forma Operating Expenses				\$ 6,747,193
Principal and Interest Payments			I	\$ 618,554
Add: Debt Service Coverage				
(Additional Working Capital)			J	\$ 123,711
Rate Case Expense			K	<u>\$ 443,724</u>
Total Revenue Requirement				\$ 7,533,181
Subtract: Other Operating Revenue				\$ (103,801)
Interest Income				\$ (432,358)
Nonutility Income				<u>\$ (4)</u>
Revenue Required From Water Sales				\$ 6,997,018
Revenue from Sales at Present Rates				<u>\$(6,144,256)</u>
<b>Required Revenue Increase</b>				<u>\$ 852,762</u>

**Required Revenue Increase As A  
Percentage of Revenue At Present  
Rates**

**13.88%**



## References- Sewer

- A. The total adjustment to Salaries and Wages is \$102,012. The increase is due to salary changes approved by Warren County Water District's ("WCWD") Board of Commissioners and the hiring of additional employees after the end of the test year but prior to the filing of this Application. In its November 29, 2023 board meeting, the Board of Commissioners for WCWD approved a 2% merit increase in employee salaries to begin January 1, 2024. Applying this increase resulted in a \$6,351 adjustment. Additionally at the November 29, 2023 board meeting, the Board of Commissioners approved a Cost-of-Living Adjustment ("COLA") of 3.241% to take effect on January 1, 2024. The COLA resulted in an increase of \$10,292. Salaries and wages were also adjusted based on new employees' salaries not previously accounted for due to their starting date, for an increase of \$85,369.
- B. WCWD allocates Employee Overhead to five categories: payroll taxes; wages in the form of accrued paid time off; worker's compensation; fringe benefits (insurance); and retirement. The test year payroll tax expense was removed from the Employee Overhead adjustment and incorporated into Taxes Other Than Income. *See* Ref. H below.

The total adjustment to Employee Overhead for the Sewer Division, including the Ref. H upward adjustment to payroll taxes and the Ref. C adjustments, was \$54,590. The increase is due to the addition of seven employees to the WCWD Sewer Division, and seven WCWD customer service representatives' ("CSR") wages that had previously been capitalized are now instead expensed. Wages increased \$12,746. Worker's compensation increased \$467. Fringe benefits (insurance) increased \$10,083. Retirement increased \$16,702. For an explanation of how WCWD allocates expenses to the Water Division, Sewer Division, Butler Water, and Simpson District see the Written Direct Testimony of Jeff Peoples at Exhibit 9 and the Joint Operations Agreement and Rates and Allocations Memorandum at Exhibit 18.

- C. Employee Overhead was also adjusted for the COLA of 3.241%, an increase of \$4,578. Employee Overhead was also adjusted for the 2% merit increase for all employees, resulting in a \$2,825 increase.
- D. The Kentucky Public Service Commission ("PSC") requires that a water utility's Depreciation Expense be calculated using the midpoint of depreciation life ranges recommended by NARUC in its publication "Depreciation Practices for Small Utilities." WCWD follows the NARUC ranges for Depreciation Expenses. However, there are multiple projects in fiscal year 2024 that will result in known and measurable increases to WCWD's Depreciation Expenses. The overall increase is \$245,339. Adjustments E - G provide a breakdown of the increase to depreciation expense.
- E. There are multiple projects categorized as Developments that will increase Depreciation Expense. The projects fall into the categories of laterals, mains, or structures. The adjustment for laterals is \$37,845. The adjustment for structures is \$7,433. The adjustment for mains is \$55,216.

- F. WCWD's Sewer Division completed its SCADA upgrade in 2024. The Depreciation Expense adjustment for the upgrade for sewer is an increase of \$122,614.
- G. WCWD has contracted with its billing software provider to upgrade its billing system. The upgrade is in progress. The adjustment to Depreciation Expense due to the billing system upgrade for sewer is \$22,230.
- H. Taxes Other Than Income includes payroll taxes, which WCWD accounts for in Employee Overhead. This was corrected by removing the test year payroll taxes from the Employee Overhead adjustment and incorporating them in Taxes Other Than Income. The adjustment to Taxes Other Than Income includes the \$27,368 test year payroll tax expense, plus an additional \$7,189 upward adjustment due to an increase in payroll taxes caused by the addition of new employees. *See Ref. B above.*
- I. The proforma principal, interest, and additional working capital total \$742,265. This sum includes average annual principal and interest payments of \$618,554 (based on a 3-year average for the years 2024 – 2026). It also includes an additional working capital amount of \$123,711.
- J. WCWD's loan documents require a 20 percent Debt Service Coverage ("DSC") of the annual principal and interest payments. Thus, the DSC amount, which is included in Reference I shown above, is \$123,711 ( $\$618,554 \times 0.20 = \$123,711$ ). The PSC calls the DSC amount "Additional Working Capital."
- K. The Rate Case Expense includes legal fees, HDR's engineering service fees, and publication costs. The legal fees were estimated to be \$76,000, HDR's fees were estimated to be \$14,172 for the rate case and \$35,000 for the Cost-of-Service Study, and the publication costs were estimated to be \$6,000 for a total of \$131,172. The total is distributed over three years for a pro forma expense of \$43,724 per year.

# **EXHIBIT 12**

## WARREN COUNTY WATER DISTRICT – SEWER DIVISION 2023 CHART OF ACCOUNTS

Account Number	Description
101-3041-3	LAND - OFFICE BUILDING
101-3043-3	STRUCTURES\IMPROVEMENTS - TRANS & DISTR
101-3044-3	STRUCTURES\IMPROVEMENTS - 523 HWY 31W(OFFICE BLDG)
101-3112-3	EQUIP - ELECTRIC PUMPING
101-3314-3	MAINS - SEWER COLLECTION
101-3324-3	SCADA
101-3334-3	SEWER TAPS - SERVICES
101-3344-3	SEWER TAPS
101-3345-3	SEWER TAPS - INSTALLATIONS
101-3400-3	SOFTWARE - BILLING & ACCTG
101-3401-3	HARDWARE - BILLING & ACCTG
101-3405-3	FURNITURE & EQUIPMENT - OFFICE
101-3435-3	EQUIPMENT - TOOLS & SHOP
101-3465-3	EQUIPMENT - COMMUNICATION
101-3475-3	EQUIPMENT - MISCELLANEOUS
105-0000-3	CONSTRUCTION IN PROGRESS - WORKORDERS
105-0010-3	CONSTRUCTION IN PROGRESS - INDIRECT ADMINISTRATION
108-3041-3	ACCUM DEPR - IMPROVMENTS (LAND)
108-3043-3	ACCUM DEPR - STRUCTURES
108-3044-3	ACCUM DEPR - OFFICE BUILDING
108-3112-3	ACCUM DEPR - EQUIPMENT (ELECTRIC PUMPING)
108-3314-3	ACCUM DEPR - MAINS (COLLECTION)
108-3324-3	ACCUM DEPR - SCADA
108-3334-3	ACCUM DEPR - TAPS (SERVICES)
108-3344-3	ACCUM DEPR - TAPS
108-3345-3	ACCUM DEPR - TAPS (INSTALLATIONS)
108-3400-3	ACCUM DEPR - COMPUTER SOFTWARE
108-3401-3	ACCUM DEPR - COMPUTER HARDWARE
108-3405-3	ACCUM DEPR - FURNITURE & EQUIPMENT
108-3435-3	ACCUM DEPR - EQUIPMENT (TOOLS)
108-3465-3	ACCUM DEPR - EQUIPMENT (COMMUNICATION)
108-3475-3	ACCUM DEPR - EQUIPMENT (MISC)
126-0018-3	SINKING FUND (P&I) - KIA, BUCHANON PARK (C11-02)
126-0021-3	SINKING FUND (P) - KIA, PLUM SPRINGS IMPROVMENTS
126-0022-3	SINKING FUND (I) - KIA, PLUM SPRINGS IMPROVEMENTS
126-0023-3	SINKING FUND (P) - SERIES 2019, USDA (92-21)
126-0024-3	SINKING FUND (I) - SERIES 2019, USDA (92-21)
126-0025-3	SINKING FUND (P&I) - SERIES 2021A, RWFA
126-0040-3	SINKING FUND (I) - SERIES 2022D, KRWFC
127-0000-3	DEPRECIATION RESERVE FUND
127-0100-3	DEPRECIATION RESERVE FUND - BONDS
127-1000-3	SPECIAL FUND - LS PUMP UPGRADE THREE SPRINGS
127-1001-3	SPECIAL FUND - LS1 REPLACEMENT
127-1004-3	SPECIAL FUND - AMR \ AMI SYSTEM
127-1005-3	SPECIAL FUND - SEWER SYSTEM IMPROVEMENTS
127-1012-3	SPECIAL FUND - OFFICEWAREHOUSE RENOVATIONS
127-1020-3	SPECIAL FUND - I&I IMPROVEMENTS

<b>Account Number</b>	<b>Description</b>
127-1031-3	SPECIAL FUND - PIONEER DR FORCE MAIN
127-1040-3	SPECIAL FUND - BONDS, KRWFC 2022D (Regions)
127-1041-3	SPECIAL FUND - BONDS, KRWFC 2022D (Franklin)
127-1100-3	CONSTRUCTION ACCOUNT - BONDS
127-1101-3	CONSTRUCTION ACCOUNT - FUND A
127-1200-3	SPECIAL FUND - LETTER OF CREDIT (KEDFA)
127-2000-3	SPECIAL FUND - CUSTOMER DEPOSITS
131-0001-3	CASH - REVENUE (GENERAL OPERATIONS)
141-0000-3	ACCTS RECV - CUSTOMER ACCOUNTS (CIS)
141-0100-3	ACCTS RECV - UNBILLED CUSTOMER ACCOUNTS
142-0000-3	ACCTS RECV - INVOICED ACCOUNTS
142-0020-3	ACCTS RECV - DAMAGES TO SYSTEM
142-9002-3	ACCTS RECV - WCWD
142-9005-3	ACCTS RECV - SCWD
142-9008-3	ACCTS RECV - BCWS
143-0000-3	ACCTS RECV - PROV UNCOLLECTABLE ACCTS
143-0001-3	ACCTS RECV - UNCOLLECTED ACCTS
162-0000-3	PREPAID INS - INSTITUTION
171-0000-3	INTEREST RECV - CD'S
181-0003-3	UNAMORT DEBT ISSUANCE COSTS
184-0001-3	CLEARING - PSC ASSESSMENT
186-0001-3	DEF DEBIT - MISCELLANEOUS
186-0010-3	DEF DEBIT - UNIFORMS
186-1000-3	DEF DEBIT - DISPOSAL
215-1000-3	UNAPPROPRIATED RETAINED EARNINGS
215-2000-3	CAPITAL CONTRIBUTIONS
215-2950-3	CAPITAL CONTRIB CLEARING - SUBDIVISIONS & EXT'S
221-0005-3	BONDS - SERIES 2019, USDA
224-0020-3	LOAN - KIA, BUCHANON PARK (C11-02)
224-0021-3	LOAN - SERIES 2013B, RWFA
224-0023-3	LOAN - KIA, PLUM SPRINGS REHABILITATION
224-0025-3	LOAN - SERIES 2021A, RWFA
224-0040-3	LOAN - SERIES 2022D, KRWFC
231-0020-3	ACCTS PAY - OPERATION & MAINTENANCE
231-0100-3	ACCTS PAY - UNBILLED DISPOSAL COSTS (BGMU)
231-1000-3	ACCTS PAY - CONTRACTOR RETAINAGE
231-8002-3	ACCTS PAY - WCWD (OPEB REIMBURSEMENT)
231-9002-3	ACCTS PAY - WCWD
235-0000-3	ACCTS PAY - CUSTOMER DEPOSITS
236-7000-3	ACCTS PAY - ARBITRAGE, SERIES 2022D
237-1005-3	INTEREST PAY - SERIES 2019, USDA
237-1008-3	INTEREST PAY - KIA, BUCHANON PARK (C11-02)
237-1009-3	INTEREST PAY - SERIES 2013B, RWFA
237-1023-3	INTEREST PAY - KIA, PLUM SPRINGS REHAB
237-1025-3	INTEREST PAY - SERIES 2021A, RWFA
237-1040-3	INTEREST PAY - SERIES 2022D, RWFA
241-0004-3	TAXES PAY - KY SALES TAX COLLECTED

<b>Account Number</b>	<b>Description</b>
251-1025-3	UNAMORT PREMIUM - SERIES 2021A, RWFA
252-0000-3	REBATES PAYABLE - LINE EXTENSIONS
403-3041-3	DEPR EXPENSE - IMPROVEMENT (LAND)
403-3043-3	DEPR EXPENSE - STRUCTURES
403-3044-3	DEPR EXPENSE - OFFICE BUILDING
403-3112-3	DEPR EXPENSE - EQUIPMENT (ELEC PUMPING)
403-3314-3	DEPR EXPENSE - MAINS (COLLECTION)
403-3324-3	DEPR EXPENSE - SCADA
403-3334-3	DEPR EXPENSE - TAPS (SERVICES)
403-3344-3	DEPR EXPENSE - TAPS
403-3345-3	DEPR EXPENSE - TAPS (INSTALLATION)
403-3400-3	DEPR EXPENSE - SOFTWARE
403-3401-3	DEPR EXPENSE - HARDWARE
403-3405-3	DEPR EXPENSE - FURNITURE & EQUIPMENT
403-3435-3	DEPR EXPENSE - EQUIPMENT (TOOLS)
403-3465-3	DEPR EXPENSE - EQUIP (COMMUNICATION)
408-0000-3	PSC ASSESSMENT
419-0000-3	INTEREST INCOME - SINKING / MISC
419-0001-3	INTEREST INCOME - DEPRECIATION RESERVE FUND
419-0007-3	INTEREST INCOME - CD's (FRANKLIN, SERIES 2022D)
421-0000-3	NON-UTILITY INCOME -
426-0000-3	UNREALIZED (GAIN)\LOSS ON INVESTMENTS
427-3005-3	INTEREST EXP - SERIES 2019, USDA
427-3008-3	INTEREST EXP - KIA, BUCHANON PARK (C11-02)
427-3009-3	INTEREST EXP - SERIES 2013B, RWFA
427-3023-3	INTEREST EXP - KIA, PLUM SPRINGS REHAB
427-3025-3	INTEREST EXP - SERIES 2021A, RWFA
427-3040-3	INTEREST EXP - SERIES 2022D, RWFA
427-4005-3	INTEREST EXP - CONSUMER DEPOSITS
428-2000-3	AMORTIZED DEBT ISSUANCE EXPENSE
429-1025-3	AMORTIZED PREM\DISC - SERIES 2021A, RWFA
461-0001-3	METERED REVENUE - RESIDENTIAL
461-0002-3	METERED REVENUE - COMMERCIAL
461-0003-3	METERED REVENUE - INDUSTRIAL
461-0101-3	UNBILLED REVENUE - RESIDENTIAL
461-0102-3	UNBILLED REVENUE - COMMERCIAL
470-0000-3	FORFEITED DISCOUNTS
471-0000-3	MISC SERVICE REVENUE
472-0000-3	RENTAL \ LEASE REVENUE - DISTRICT PROPERTY
474-0000-3	OTHER SEWER REVENUE
601-5001-3	WAGES - TRANS & DISTR (OPER)
601-6002-3	WAGES - T & D (MAINT)
601-7001-3	WAGES - CUSTOMER ACCOUNTS
601-8001-3	WAGES - ADMIN & GENERAL
604-5001-3	EMPLOYEE OVERHEAD - T & D (OPER)
604-6002-3	EMPLOYEE OVERHEAD - T & D (MAINT)
604-7001-3	EMPLOYEE OVERHEAD - CUSTOMER ACCOUNTS

<b>Account Number</b>	<b>Description</b>
604-8001-3	EMPLOYEE OVERHEAD - ADMIN & GENERAL
604-8300-3	OPEB ALLOCATION EXPENSE
610-1001-3	DISPOSAL COSTS
610-1100-3	DISPOSAL COSTS - UNBILLED (BGMU)
615-1001-3	PURCHASED POWER - SOURCE
618-6002-3	CHEMICALS
620-5001-3	MATL & SUPPLY - T & D (OPER)
620-6002-3	MATL & SUPPLY - T & D (MAINT)
620-7001-3	MATL & SUPPLY - CUSTOMER ACCTS
620-8001-3	MATL & SUPPLY - ADMN & GENERAL
632-1001-3	CONTRACT ACCTG - SOURCE (OPER)
632-2002-3	CONTRACT ACCTG - SOURCE(MAINT)
632-5001-3	CONTRACT ACCTG - T & D (OPER)
632-6002-3	CONTRACT ACCTG - T & D (MAINT)
632-7001-3	CONTRACT ACCTG - CUSTOMER ACCT
632-8001-3	CONTRACT ACCTG - ADMIN & GENL
633-8001-3	CONTRACT LEGAL - ADMIN & GENL
635-5001-3	CONTRACT OTHER - T & D (OPER)
635-6002-3	CONTRACT OTHER - T & D (MAINT)
635-7001-3	CONTRACT OTHER - CUSTOMER ACCT
635-8001-3	CONTRACT OTHER - ADMIN & GENL
650-5001-3	EQUIPMENT EXP - T & D (OPER)
650-6002-3	EQUIPMENT EXP - T & D (MAINT)
650-7001-3	EQUIPMENT EXP - CUSTOMER ACCTS
650-8001-3	EQUIPMENT EXP - ADMIN & GENL
657-1001-3	INSURANCE G/L - SOURCE (OPER)
657-5001-3	INSURANCE G/L - T & D (OPER)
657-7001-3	INSURANCE G/L - CUSTOMER ACCTS
657-8001-3	INSURANCE G/L - ADMIN & GENL
659-8001-3	INSURANCE OTHER - ADMIN & GENL
670-7001-3	BAD DEBT EXPENSE
675-8001-3	MISC EXPENSE - ADMIN & GENL
675-8011-3	MISC EXPENSE - COMMISSIONER FEE

# **EXHIBIT 13**





# **Warren County Water District**

**Component Unit of  
Warren County, Kentucky**

## **FINANCIAL STATEMENTS AND SUPPLEMENTARY INFORMATION**

**December 31, 2023 and 2022**



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# FINANCIAL SECTION



## **INDEPENDENT AUDITOR'S REPORT**

Board of Commissioners  
Warren County Water District  
Bowling Green, Kentucky

### **Opinion**

We have audited the accompanying financial statements of Warren County Water District (the "District"), a component unit of Warren County, Kentucky, as of and for the years ended December 31, 2023 and 2022, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Warren County Water District as of December 31, 2023 and 2022, and the changes in financial position, and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### **Basis for Opinion**

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

### **Responsibilities of Management 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, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's

ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

### **Auditor's Responsibility for the Audit of the Financial Statements**

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the District's ability to continue as a going concern for a reasonable period of time.

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

***Required Supplementary Information***

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 5 through 11, and select pension/OPEB information on pages 43 through 45 be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

***Supplementary 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 schedule of budgetary comparison, statement of net position by division, and statement of revenues, expenses, and changes in net position by division are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The 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 schedule of budgetary comparison, statement of net position by division, and statement of revenues, expenses, and changes in net position by division 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 April 18, 2024 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.

*Carr, Riggs & Ingram, L.L.C.*

CARR, RIGGS & INGRAM, LLC  
Bowling Green, Kentucky  
April 18, 2024

# Warren County Water District Management's Discussion and Analysis

## MANAGEMENT'S DISCUSSION AND ANALYSIS

This section of Warren County Water District's annual financial report presents an analysis of the District's financial performance during the fiscal years ended December 31, 2023, and 2022. This information is presented in conjunction with the audited basic financial statements, which follow this section.

### Financial Highlights

The following are highlights of Warren County Water District for year ending December 31, 2023:

- Total Net Position increased by \$16,178,332 or 9.9% to \$180,389,456 from \$164,211,124 reflecting several residential developments and construction projects placed into service. In year 2022, Total Net Position increased by \$10,109,471 or 6.6% to \$164,211,124 from \$154,101,653 reflecting several residential developments placed into service.
- Operating Revenues increased by \$1,096,690 or 5.1% to \$22,618,366 compared to \$21,521,676 in 2022 due to increases in retail rates (partial year) and customer demand. In year 2022, Operating Revenues increased by \$1,724,501 or 8.7% to \$21,521,676 compared to \$19,797,175 in 2021 due to increases in retail rates and customer demand.
- Operating Expenses increased by \$1,096,087 or 4.9% to \$23,333,360 compared to \$22,237,273 in 2022 due to increases in wages & benefits, supplier wholesale rates (partial year), customer demand, and expense. In year 2022, Operating Expenses increased by \$3,768,728 or 20.4% to \$22,237,273 compared to \$18,468,545 in 2021 due to increases in supplier wholesale rates, customer demand, and adjustment to depreciation expense.
- A Net Loss Before Contributions of \$419,009 was recorded compared to a net loss of \$883,875 in 2022. The net loss reflects increased operating costs and interest expense related to the RWFA, Series 2022D loan. In year 2022, a Net Loss Before Contributions of \$883,875 was recorded compared to net income of \$1,283,492 in 2021 reflecting an accounting adjustment of \$1,599,743 to depreciation expense for estimated useful lives of utility plant.
- Utility Plant increased by \$17,751,529 or 10.9%, net of depreciation, to \$180,755,085 from \$163,003,556 in 2022 due to water & sewer line extensions from developers and a large project placed into service. In year 2022, Utility Plant increased by \$10,926,620 or 7.2%, net of depreciation, to \$163,003,556 from \$152,076,935 in 2021 due a considerable number of water & sewer line extensions from developers placed into service.
- Total water sold and billed to the District's customers during the year amounted to 3.05 billion gallons compared to 2.99 billion gallons in the prior year, an increase of 2%. Total sewer service billed to customers totaled 1.41 billion gallons compared to 1.35 billion gallons in the prior year, an increase of 4.4%.
- The peak water demand month was July with 293 million gallons sold and the peak demand day was June 5th with 13.6 million gallons pumped.
- The water division added 1,540 customers and the sewer division added 713 customers throughout the year. The number of customers at the end of the year for the water and sewer divisions was 33,873 and 10,241, respectively.
- Average metered water revenue billed to customers was \$27.34 per residential customer and \$192.32 per commercial customer. Average sewer revenue was \$23.89 per residential customer and \$341.86 per commercial customer.
- The water division has a total of 1,197 miles of water main serving an average of 28 customers per mile. The sewer division has 219 miles of collection mains serving an average of 47 customers per mile.



# Warren County Water District Management's Discussion and Analysis

## Overview of the Financial Statements

This annual report includes the District's management discussion and analysis report (MD&A), the independent auditor's report, and the basic financial statements of Warren County Water District. The basic financial statements also include notes that explain in more detail some of the information presented in the financial statements.

## Financial Analysis

### **Budgetary Analysis for the Year Ended December 31, 2023**

*Total Revenues* were under budget by \$342,517 due to lower than anticipated customer demand during the winter months. The following were near budgeted amounts: *Forfeited Discounts* (late charges), *Miscellaneous Service Revenue* (connection fees, collection fees, and meter tampering fees), *Interest Income* (debt service, construction, and reserve funds), and *Other Revenues* (rental income, income from billing services).

*Total Expenses* related to providing water and sewer service and maintaining the District's distribution and collection system were under budget by \$423,208. *Operating Expenses* were under budget including purchased water and sewage disposal costs of \$181,891 and \$26,385, respectively. *Depreciation* was under budget by \$113,675 due to some assets not placed into service when budgeted and *Other Expenses* were under budget by \$53,951 which included gains on investments that were not budgeted.

*The District recorded a Net Loss* of \$419,009 and *Contribution in Aid of Construction* was below budget by \$4,178,383 due to grant funds that were not received when budgeted. *Net Change in Net Position* totaled \$16,178,332 and was less than budget by \$4,097,692.

Table 1  
TABLE OF BUDGETARY COMPARISON

	Budget Year 2023	Actual Year 2023	Variances Favorable \ (Unfavorable)
<b>Revenues</b>			
Metered Water Revenue	\$16,173,100	\$15,925,793	(\$247,307)
Metered Sewer Revenue	6,181,100	6,097,839	(83,261)
Forfeited Discounts	284,500	292,126	7,626
Miscellaneous Service Revenue	304,300	301,408	(2,892)
Interest Income	704,000	691,429	(12,571)
Other Revenues	197,800	193,688	(4,112)
Total Revenues	23,844,800	23,502,283	(342,517)
<b>Expenses</b>			
Operating Expenses	17,852,600	17,613,887	238,713
Depreciation	5,795,300	5,681,625	113,675
Interest Expense	693,400	676,531	16,869
Other Expenses	3,200	(50,751)	53,951
Total Expenses	24,344,500	23,921,292	423,208
<b>Net Loss (Income)</b>	(499,700)	(419,009)	80,691
Contribution in Aid of Construction	20,775,724	16,597,341	(4,178,383)
Net Change in Net Position	\$20,276,024	\$16,178,332	(\$4,097,692)

### **Budgetary Analysis for the Year Ended December 31, 2022**

*Total Revenues* were over budget by \$365,016 reflecting greater customer demand during the summer months. The following were near budgeted amounts: *Forfeited Discounts* (late charges), *Miscellaneous Service Revenue*

## Warren County Water District Management's Discussion and Analysis

(connection fees, collection fees, and meter tampering fees), *Other Revenues* (rental income, income from billing services). *Interest Income* exceeded budget due to higher rates of return on investments.

*Total Expenses* related to providing water and sewer service and maintaining the District's distribution and collection system were under budget by \$42,609. Operating expenses were over budget including purchased water and sewage disposal costs of \$222,856 and \$52,993, respectively. Other expenses were under budget due to an actuarial adjustment of \$255,473 to Other Post Employment Benefits (OPEB).

The District recorded an adjustment of \$1,599,743 to depreciation expense revising the estimated useful lives of Utility Plant (see Note 2: Change in Accounting Estimate). This accounting adjustment contributed to the *Loss before Contributions* of \$883,875. *Contribution in Aid of Construction* was less than budget by \$1,461,254 and included the transfer of water and sewer line extensions from developers. *Net Change in Net Position* totaled \$10,109,471 and was less than budget by \$1,053,629.

Table 2  
TABLE OF BUDGETARY COMPARISON

	Budget Year 2022	Actual Year 2022	Variances Favorable \ (Unfavorable)
<b>Revenues</b>			
Metered Water Revenue	\$14,901,200	\$15,148,425	\$247,225
Metered Sewer Revenue	5,775,400	5,814,365	38,965
Forfeited Discounts	280,900	282,159	1,259
Miscellaneous Service Revenue	274,500	272,992	(1,508)
Interest Income	97,900	176,559	78,659
Other Revenues	206,700	207,116	416
Total Revenues	21,536,600	21,901,616	365,016
<b>Expenses</b>			
Operating Expenses	15,827,400	16,036,341	(208,941)
Depreciation	6,424,100	6,406,205	17,895
Interest Expense	380,900	387,566	(6,666)
Other Expenses	195,700	(44,621)	240,321
Total Expenses	22,828,100	22,785,491	42,609
<b>Net Loss (Income)</b>	<b>(1,291,500)</b>	<b>(883,875)</b>	<b>407,625</b>
Contribution in Aid of Construction	12,454,600	10,993,346	(1,461,254)
Net Change in Net Position	\$11,163,100	\$10,109,471	(\$1,053,629)

### **Statement of Net Position**

A summary of the District's Net Position is presented below in Table 3. The District's assets exceeded liabilities by \$180,389,456 for the year.

*Current & Non-Current Assets* totaled \$32,561,426, an increase of \$187,022 from last year reflecting increases in accounts receivable and inventory. *Utility Plant* is the largest portion of the District's assets and includes land, water distribution mains, sewer mains, pump stations, lift stations, storage tanks, vehicles, and equipment. In year 2023, utility plant totaled \$180,755,085 net of depreciation, reflecting an increase of \$17,751,529 over the prior year. The increase in utility plant includes residential developments placed into service during the year including expanding water and sewer capacity to industries in the Kentucky Transpark, pump station upgrades, and line replacements. *Deferred Outflows of Resources* is the prepayment of the District's defined benefit retirement plan amortized over ten years through 2027. *Current and Non-Current Liabilities* totaled \$24,440,901 and increased \$13,816,456 reflecting the Rural Water Financing Agency (RWFA) Series 2022D bank anticipation loan of \$11,370,000 that becomes due on August 1, 2024. *Net Long-Term Debt* totaled \$9,138,898, a decrease of \$12,217,642 reflecting the RWFA, Series 2022D bank anticipation loan classification to current liabilities combined with the reduction of other debt obligations.

## Warren County Water District Management's Discussion and Analysis

The District's *Total Net Position* totaled \$180,389,456 and increased by \$16,178,332 comparatively over the prior year. *Total Liabilities & Net Position* totaled \$213,969,255 for year 2023, an increase of \$17,777,146, or 9.1%.

Table 3  
CONDENSED STATEMENT OF NET POSITION  
December 31, 2023

<b>Assets</b>	<b>Year 2023</b>	Year 2022	Increase (Decrease)	
Current & Non-Current Assets	<b>\$32,561,426</b>	\$32,374,404	\$187,022	0.6%
Utility Plant	<b>180,755,085</b>	163,003,556	17,751,529	10.9%
Total Assets	<b>213,316,511</b>	195,377,960	17,938,551	9.2%
<b>Deferred Outflows of Resources</b>				
Deferred Outflows - Retirement Plan	<b>652,744</b>	814,149	(161,405)	-19.8%
Total Assets & Deferred Outflows	<b>213,969,255</b>	196,192,109	17,777,146	9.1%
<b>Liabilities</b>				
Current & Non-Current Liabilities	<b>24,440,901</b>	10,624,445	13,816,456	130.0%
Net Long-Term Debt	<b>9,138,898</b>	21,356,540	(12,217,642)	-57.2%
Total Liabilities	<b>33,579,799</b>	31,980,985	1,598,814	5.0%
<b>Net Position</b>				
Net Investment in Capital Assets	<b>168,273,787</b>	152,943,259	15,330,528	10.0%
Restricted for Depreciation Reserves	<b>3,829,608</b>	3,672,117	157,491	4.3%
Unrestricted	<b>8,286,061</b>	7,595,748	690,313	9.1%
<b>Total Net Position</b>	<b>180,389,456</b>	164,211,124	16,178,332	9.9%
Total Liabilities & Net Position	<b>\$213,969,255</b>	\$196,192,109	\$17,777,146	9.1%

### Statement of Revenues, Expenses, and Changes in Net Position

This statement identifies various revenue and expense items, which impact the change in net position. A summary of this statement is presented in Table 4 below.

Table 4  
STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION  
For the Year Ended December 31, 2023

	<b>Year 2023</b>	Year 2022	Increase (Decrease)	
<b>Operating Revenues</b>				
Metered Water Revenue	<b>\$15,925,793</b>	\$15,148,425	\$777,368	5.1%
Metered Sewer Revenue	<b>6,097,839</b>	5,814,365	283,474	4.9%
Forfeited Discounts	<b>292,126</b>	282,159	9,967	3.5%
Miscellaneous Service Revenue	<b>302,608</b>	276,727	25,881	9.4%
Total Operating Revenues	<b>22,618,366</b>	21,521,676	1,096,690	5.1%
<b>Operating Expenses</b>				
Wages & Benefits	<b>3,296,602</b>	2,709,897	586,705	21.7%
Commissioner Fees	<b>30,000</b>	30,000	-	0.0%
Purchased Water	<b>8,149,609</b>	7,471,956	677,653	9.1%
Sewage Disposal	<b>3,374,015</b>	3,203,293	170,722	5.3%
Purchased Power	<b>700,400</b>	717,523	(17,123)	-2.4%
Materials & Chemicals	<b>437,859</b>	332,134	105,725	31.8%
Contractual Services	<b>1,050,139</b>	841,972	208,167	24.7%

## Warren County Water District Management's Discussion and Analysis

Rental of Building	57,450	57,998	(548)	-0.9%
Equipment	334,501	327,286	7,215	2.2%
Depreciation	5,681,625	6,406,205	(724,580)	-11.3%
Other Operating Expenses	221,160	139,009	82,151	59.1%
Total Operating Expenses	<u>23,333,360</u>	<u>22,237,273</u>	<u>1,096,087</u>	4.9%
<b>Non-Operating Revenues (Expenses)</b>				
Interest Income	691,429	176,559	514,870	291.6%
Rental Income	121,949	134,929	(12,980)	-9.6%
Non-Utility Income	81,544	82,261	(717)	-0.9%
Gain (Loss) on Investments	35,716	-	35,716	100.0%
Gain (Loss) on Disposals	32,445	(7,361)	39,806	-540.8%
Debt Issuance Cost	9,433	(167,100)	176,533	-105.6%
Interest Expense	(676,531)	(387,566)	(288,965)	74.6%
Total Non-Operating Revenues (Expenses)	<u>295,985</u>	<u>(168,278)</u>	<u>464,263</u>	-275.9%
<b>(Loss) Income Before Capital Contributions</b>	<u>(419,009)</u>	<u>(883,875)</u>	<u>464,866</u>	-52.6%
Capital Contributions	16,597,341	10,993,346	5,603,995	51.0%
Change in Net Position	16,178,332	10,109,471	6,068,861	60.0%
Net Position, Beginning of Year	164,211,124	154,101,653	10,109,471	6.6%
Total Net Position, End of Year	<u>180,389,456</u>	<u>164,211,124</u>	<u>\$16,178,332</u>	9.9%

*Total Operating Revenue* increased by \$1,096,690 or 5.1% compared to the prior year. *Metered Water Revenue* and *Metered Sewer Revenue* increased by \$777,368 and \$283,474, respectively, reflecting a partial year impact from a retail rate increase and increases in customer demand. On September 1, 2022, retail rate increases were implemented in both water and sewer divisions to absorb wholesale purchased water and disposal rate increases from the District's provider, Bowling Green Municipal Utilities (BGMU). Overall, the volume of water sold during the year totaled 3.05 billion gallons versus 2.99 billion gallons in the prior year, a 2% increase of 60 million gallons. The volume of sewer revenue billed totaled 1.41 billion gallons versus 1.35 billion gallons last year, a 4.4% increase of 60 million gallons. The District continues to experience significant growth with the water division adding 1,540 customers for a total of 33,873, and the sewer division adding 713 customers for a total of 10,241 customers. *Forfeited Discounts* which are late charges increased by \$9,967 and *Miscellaneous Service Revenue* which includes connection fees, collection fees, and meter tampering fees increased by \$25,881 compared to the prior year.

*Total Operating Expenses* increased by \$1,096,087, a 4.9% increase when compared to the prior year. *Wages & Benefits* increased by \$586,705 reflecting increases in transmission & distribution wages, cost-of-living, and Other Post Employment Benefit (OPEB) expense. *Purchased Water* and *Sewage Disposal* costs increased by \$677,653 and \$170,722 respectively, due to increases in customer demand and impact of a partial year supplier wholesale rate increase. *Depreciation* expense decreased by \$724,580 reflecting an accounting adjustment of \$1,599,743 revising the useful lives of utility plant recorded in the prior year.

*Loss Before Capital Contributions* was \$419,009 reflecting increased operating costs and interest expense related to the RWFA, Series 2022D bank anticipation loan. *Capital Contributions* of \$16,597,341 recorded during the year included the following: contributions from the Inter-Modal Transportation Authority (ITA) of \$8,361,922; developers, \$4,723,590; new meter installation fees, \$1,766,520; American Rescue Plan Act (ARPA), \$778,135; new sewer tap fees, \$408,930; Kentucky Transportation Cabinet, \$220,589; and various other contributions totaling \$337,655.

### **Changes in Utility Plant**

The largest portion of the District's assets are invested in the water distribution and sewer collection system amounting to \$180,755,085 net of depreciation, as of December 31, 2023. Table 5 details changes in capital assets.

## Warren County Water District Management's Discussion and Analysis

Table 5  
CHANGES IN UTILITY PLANT  
(Net of Depreciation)

	December 31, 2023	December 31, 2022	Increase (Decrease)	
<b>WATER DIVISION</b>				
Land	\$1,323,353	\$1,323,353	\$0	0.0%
Structures	5,328,669	5,515,710	-187,041	-3.4%
Pumping Equipment	1,439,678	1,078,316	361,362	33.5%
Storage Tanks	7,584,074	8,004,373	-420,299	-5.3%
Distribution Mains	56,459,462	53,510,087	2,949,375	5.5%
Meters	21,342,441	20,878,427	464,014	2.2%
Hydrants	4,360,729	4,113,383	247,346	6.0%
Hardware & Software	940,896	544,835	396,061	72.7%
Vehicles and Equipment	851,410	1,114,472	-263,062	-23.6%
Other	617,418	200,578	416,840	207.8%
Construction In Progress	11,862,886	1,862,833	10,000,053	536.8%
Subtotal - Water Division	<b>112,111,016</b>	98,146,367	13,964,649	14.2%
<b>SEWER DIVISION</b>				
Land	\$1,325,112	\$1,325,112	\$0	0.0%
Structures	13,146,065	12,083,031	1,063,034	8.8%
Pumping Equipment	508,126	354,942	153,184	43.2%
Collection Mains	42,803,012	38,612,726	4,190,286	10.9%
Taps	8,736,140	8,115,239	620,901	7.7%
Hardware & Software	151,827	53,371	98,456	184.5%
Other	179,307	182,585	-3,278	-1.8%
Construction In Progress	1,794,480	4,130,183	-2,335,703	-56.6%
Subtotal - Sewer Division	<b>68,644,069</b>	64,857,189	3,786,880	5.8%
<b>TOTAL - WATER &amp; SEWER</b>	<b>\$180,755,085</b>	\$163,003,556	\$17,751,529	10.9%

Total utility plant net of depreciation increased by \$17,751,529 or 10.9%, compared to the prior year. The increase in utility plant consisted of the following: (1) water and sewer line extensions from developers, \$2,413,500 and \$2,903,054 respectively; (2) Transpark, Phase 2, \$4,237,393; (3) customer meter additions, \$1,954,822; (4) Commonwealth Boulevard Line Relocation, \$799,285; (5) other asset additions, \$1,062,483; (6) an increase in construction in progress, \$7,664,350; and (7) a reduction of \$3,283,358 for accumulated depreciation.

### **Long-Term Debt**

The District's debt obligations include United States Department of Agriculture (USDA) bonds, Kentucky Rural Water Finance Corporation (KRWFC) loans, and Kentucky Infrastructure Authority (KIA) loans. In October 2022, the District issued the KRWFC, Series 2022D bank anticipation note totaling \$11,370,000 and maturing on August 1, 2024. Series 2022D loan proceeds will provide funding for various water and sewer projects. On December 31, 2023, the District had \$21,207,492 in outstanding principal compared to \$22,015,966 in the previous year, a decrease of \$808,474.

### **Factors Affecting Next Year's Budget**

- The inflationary impact on the cost of materials, equipment, and services.
- The ability to procure materials and equipment in a timely and cost-effective manner.

## Warren County Water District Management's Discussion and Analysis

- Significant projects to upgrade and extend the District's water and sewer system were budgeted.
- The District budgeted system improvements that will be funded by proceeds from the American Rescue Plan Act (ARPA).
- The impact of regulatory requirements from the Kentucky Division of Water, Kentucky Public Service Commission, and the Environmental Protection Agency.

The District's board of commissioners adopted the budget for year 2024 at its meeting held in November 2023. Metered water sales and metered sewer revenue combined are budgeted to increase by 4.1%. Total revenue is budgeted to increase by 3.9% and total expenses are budgeted to increase by 11.8% from year 2023. A net loss before contributions of \$1,374,920 is budgeted. Debt service payments are expected to total \$1,677,420 for both divisions with a reduction in outstanding debt of \$830,300. The capital budget totaled \$90,722,400 with contributions from customers and governmental agencies totaling \$57,924,500, funds from financing totaling \$21,868,000, and from in-house funds totaling \$10,929,900.

### **Request for Information**

This financial report is designed to provide a general overview of the District's finances for all those with an interest in the District's finances. Questions concerning any of the information provided in this report or requests for additional information should be addressed to the General Manager, Warren County Water District, P.O. Box 10180, Bowling Green, KY 42102-4780. General information regarding the District can be found on our website located at [www.warrenwater.com](http://www.warrenwater.com).



# FINANCIAL STATEMENTS



## Warren County Water District Statements of Net Position

<i>December 31,</i>	<b>2023</b>	2022
<b>Assets</b>		
Current assets		
Cash and cash equivalents	\$ 6,775,441	\$ 9,282,831
Accounts receivable:		
Customer accounts receivable, net of allowance for uncollectibles of \$476,497 and \$451,070, respectively	2,170,422	2,499,114
Accounts receivable – Butler County Water System	137,963	127,688
Accounts receivable – Simpson County Water District	97,334	111,748
Other accounts receivable	1,945,174	656,201
Interest receivable	73,908	56,014
Materials and supplies inventory	2,716,268	1,520,900
Prepaid expenses	111,996	103,385
Total current assets	14,028,506	14,357,881
Non-current assets		
Utility Plant		
Utility plant in service	242,920,765	229,550,228
Construction in progress	13,657,366	5,993,016
Less accumulated depreciation	(75,823,046)	(72,539,688)
Total utility plant, net	180,755,085	163,003,556
Right-to-use lease assets	32,163	-
Restricted cash and equivalents	5,246,965	4,051,364
Restricted investments	9,150,149	13,360,594
Investments	3,761,351	250,000
Accounts receivable:		
Accounts receivable – Butler County Water System	129,688	122,164
Accounts receivable – Simpson County Water District	90,924	85,528
Other assets	121,680	146,873
Total non-current assets	199,288,005	181,020,079
Total assets	213,316,511	195,377,960
<b>Deferred outflows of resources</b>		
Deferred outflows related to retirement security plan	652,744	814,149
Total deferred outflows of resources	652,744	814,149

-Continued-

*The accompanying notes are an integral part of these financial statements.*



**Warren County Water District**  
**Statements of Net Position**  
**(Continued)**

<i>December 31,</i>	<b>2023</b>	<b>2022</b>
<b>Liabilities</b>		
Current liabilities		
Accounts payable	<b>3,488,597</b>	2,240,443
Accounts payable – Butler County Water System	<b>4,122</b>	5,950
Accounts payable – Simpson County Water District	<b>13,300</b>	6,215
Accrued expenses	<b>1,507,767</b>	991,496
Contractor advances for construction	<b>115,202</b>	173,428
Lease Liability	<b>32,163</b>	-
Current portion of long-term debt	<b>12,200,312</b>	808,476
<b>Total current liabilities</b>	<b>17,361,463</b>	4,226,008
Non-current liabilities		
Long-term debt		
Bonds and loans payable	<b>1,551,000</b>	1,584,500
Notes payable	<b>19,656,492</b>	20,431,466
Less: Net unamortized bond premium	<b>131,718</b>	149,050
Less: Current portion of long-term debt	<b>(12,200,312)</b>	(808,476)
<b>Net long-term debt</b>	<b>9,138,898</b>	21,356,540
Customer meter deposits	<b>1,674,101</b>	1,601,197
Rebates payable	<b>3,672,997</b>	3,657,173
Unearned revenue for cellular leases	<b>593,112</b>	76,839
Other post employment benefit obligation	<b>1,139,228</b>	1,063,228
<b>Total non-current liabilities</b>	<b>16,218,336</b>	27,754,977
<b>Total liabilities</b>	<b>33,579,799</b>	31,980,985
<b>Net Position</b>		
Net investment in capital assets	<b>168,331,443</b>	152,943,259
Restricted	<b>3,829,081</b>	3,672,117
Unrestricted	<b>8,228,932</b>	7,595,748
<b>Total net position</b>	<b>\$ 180,389,456</b>	\$ 164,211,124

*The accompanying notes are an integral part of these financial statements.*

**Warren County Water District**  
**Statements of Revenues, Expenses, and Changes in Net Position**

<i>For the years ended December 31,</i>	<b>2023</b>	<b>2022</b>
<b>Operating Revenues</b>		
Metered sales		
Residential	\$ 12,606,071	\$ 12,044,505
Industrial	5,662,263	5,254,709
Commercial	3,755,298	3,663,576
<hr/>		
Total metered sales	<b>22,023,632</b>	20,962,790
<hr/>		
Forfeited discounts	<b>292,126</b>	282,159
Miscellaneous service revenue	<b>302,608</b>	276,727
<hr/>		
Total operating revenues	<b>22,618,366</b>	21,521,676
<hr/>		
<b>Operating Expenses</b>		
Source of supply expense		
Purchased water	<b>8,149,609</b>	7,471,956
Sewage disposal	<b>3,374,015</b>	3,203,293
<hr/>		
Total source of supply expense	<b>11,523,624</b>	10,675,249
<hr/>		
Pumping plant expense		
Power purchased	<b>687,882</b>	705,648
Chemicals	<b>31,064</b>	37,535
Contractual services	<b>7,134</b>	6,044
Rental expense	<b>4,924</b>	4,971
Insurance	<b>17,311</b>	14,347
<hr/>		
Total pumping plant expense	<b>748,315</b>	768,545
<hr/>		
Transmission and distribution expense		
Salaries and benefits	<b>1,389,916</b>	1,221,418
Power purchased	<b>12,518</b>	12,191
Contractual services	<b>332,121</b>	166,519
Rental expense	<b>18,877</b>	19,057
Transportation	<b>244,654</b>	222,291
Insurance	<b>52,512</b>	44,067
Materials and supplies	<b>350,778</b>	237,679
<hr/>		
Total transmission and distribution expense	<b>2,401,376</b>	1,923,222

-continued-

*The accompanying notes are an integral part of these financial statements.*

**Warren County Water District**  
**Statements of Revenues, Expenses, and Changes in Net Position**  
**(Continued)**

<i>For the years ended December 31,</i>	<b>2023</b>	<b>2022</b>
<b>Operating Expenses</b>		
Customer accounts expense		
Salaries and benefits	<b>960,133</b>	887,516
Contractual services	<b>295,803</b>	289,857
(Recovery) uncollectible accounts - net	<b>25,423</b>	(8,730)
Rental expense	<b>28,725</b>	28,999
Transportation	<b>79,837</b>	94,567
Insurance	<b>9,128</b>	7,553
Miscellaneous	<b>5,243</b>	8,950
Materials and supplies	<b>17,968</b>	12,060
<b>Total customer accounts expense</b>	<b>1,422,260</b>	1,320,772
Administrative and general expense		
Salaries and benefits	<b>946,553</b>	600,647
Office supplies	<b>38,130</b>	45,010
Commissioner fees	<b>30,000</b>	30,000
Contractual services	<b>415,081</b>	379,552
Insurance	<b>14,516</b>	12,661
Rental expense	<b>4,924</b>	4,971
Regulatory commission expense	<b>28,986</b>	32,683
Miscellaneous	<b>68,041</b>	27,478
Transportation	<b>9,929</b>	10,278
<b>Total administrative and general expense</b>	<b>1,556,160</b>	1,143,280
Depreciation	<b>5,681,625</b>	6,406,205
<b>Total operating expenses</b>	<b>23,333,360</b>	22,237,273
<b>Operating (loss) income</b>	<b>(714,994)</b>	(715,597)
<b>Non-Operating Revenues (Expenses)</b>		
Interest income	<b>691,429</b>	176,559
Rental income	<b>121,949</b>	134,929
Non-utility income	<b>81,544</b>	82,261
Gain on investments	<b>35,716</b>	-
(Loss) gain on disposal of assets	<b>32,445</b>	(7,361)
Debt issuance cost	<b>9,433</b>	(167,100)
Interest expense	<b>(676,531)</b>	(387,566)
<b>Total non-operating revenues (expenses) - net</b>	<b>295,985</b>	(168,278)

-continued-

*The accompanying notes are an integral part of these financial statements.*

**Warren County Water District**  
**Statements of Revenues, Expenses, and Changes in Net Position**  
**(Continued)**

<i>For the years ended December 31,</i>	<b>2023</b>	2022
(Loss) income before capital contributions	<b>(419,009)</b>	(883,875)
Capital contributions	<b>16,597,341</b>	10,993,346
Change in net position	<b>16,178,332</b>	10,109,471
Total net position – beginning of year	<b>164,211,124</b>	154,101,653
Total net position – end of year	<b>\$ 180,389,456</b>	\$ 164,211,124

*The accompanying notes are an integral part of these financial statements.*

## Warren County Water District Statements of Cash Flows

<i>For the years ended December 31,</i>	<b>2023</b>	2022
<b>Operating Activities</b>		
Receipts from customers and users	\$ 22,947,058	\$ 21,338,018
Receipts from rental and non-utility income	239,209	217,190
Payments to suppliers for goods and services	(15,230,558)	(13,565,729)
Payments to employees	(2,099,842)	(1,825,611)
<b>Net cash provided by operating activities</b>	<b>5,855,867</b>	6,163,868
<b>Noncapital Financing Activities</b>		
Interest paid on customer deposits	(19,931)	(1,684)
<b>Net cash (used in) noncapital financing activities</b>	<b>(19,931)</b>	(1,684)
<b>Capital and Related Financing Activities</b>		
Proceeds from long-term debt	-	11,370,000
Principal repayment on long-term debt	(808,474)	(739,779)
Proceeds from sale of assets	5,738	15,798
Interest paid on long-term debt	(607,325)	(315,248)
Payment of debt issuance cost	-	(167,100)
Acquisition and construction of capital assets	(7,110,293)	(6,566,108)
<b>Net cash (used in) provided by capital and related financing activities</b>	<b>(8,520,354)</b>	3,597,563
<b>Investing Activities</b>		
Maturity of short-term investments	7,118,672	250,000
Purchase of short-term investments	(6,419,578)	(11,271,063)
Interest income	673,535	128,203
<b>Net cash provided by (used in) investing activities</b>	<b>1,372,629</b>	(10,892,860)
<b>Net decrease in cash and cash equivalents</b>	<b>(1,311,789)</b>	(1,133,113)
<b>Balances – beginning of year</b>	<b>13,334,195</b>	14,467,308
<b>Balances – end of year</b>	<b>\$ 12,022,406</b>	\$ 13,334,195

*The accompanying notes are an integral part of these financial statements.*

## Warren County Water District Statements of Cash Flows

<i>For the years ended December 31,</i>	<b>2023</b>	<b>2022</b>
<b>Reconciliation of Operating (Loss) Income to Net Cash Provided By Operating Activities</b>		
Operating (loss) income	\$ (714,994)	\$ (715,597)
Adjustments to reconcile net operating (loss) income to net cash provided by operating activities:		
Depreciation expense	5,916,676	6,602,313
Amortization of debt premium / discount	31,135	23,825
Rental and non-utility income	203,493	217,190
Loss (gain) on disposal of assets	(32,445)	7,361
Changes in assets and liabilities:		
Net decrease (increase) in accounts receivable	328,692	(183,658)
Net (increase) in other receivables	(1,163,457)	(107,209)
Net (increase) in prepaid expenses	(8,611)	(8,483)
Net (increase) in materials and supplies inventory	(1,195,368)	(528,705)
Net decrease in retirement security plan costs	161,405	161,404
Net decrease in other assets	25,193	29,714
Net increase in accounts payable	1,253,411	179,753
Net increase in accrued liabilities	445,294	34,347
Net (decrease) increase in contractor advances	(58,226)	84,817
Net increase in customer deposits	72,904	72,321
Net decrease in unamortized bond premium - net	(17,332)	(26,582)
Net increase in rebates payable	15,824	741,798
Net increase in other liabilities	516,273	473
Net increase (decrease) in other post employment benefit obligation	76,000	(421,214)
<b>Net cash provided by operating activities</b>	<b>\$ 5,855,867</b>	<b>\$ 6,163,868</b>
<b>Non-Cash Capital and Financing Activities</b>		
Contributed constructed water and sewer lines at cost	\$ 16,597,341	\$ 10,993,346
<b>Total non-cash capital and financing activities</b>	<b>\$ 16,597,341</b>	<b>\$ 10,993,346</b>

*The accompanying notes are an integral part of these financial statements.*

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

***Reporting Entity***

The Warren County Water District (“District”) is a tax-exempt division of Warren County, Kentucky organized under KRS 74.010. The District operates water and sewer services for the residents of Warren County, Kentucky and surrounding areas.

The District is governed by a five-member board of commissioners (the “Board”). The criteria for determining the District as a component unit of Warren County, Kentucky, the primary government, is financial accountability. In accordance with Section 2100; *Defining the Financial Reporting Entity* of the Governmental Accounting Standards Board (GASB) Codification, a primary government is financially accountable for legally separate organizations if its officials appoint a voting majority of an organization’s governing body and it is able to impose its will on that organization. The commissioners of the Board are appointed by the Warren County Judge Executive. Warren County is able to impose its will on the District through the ability to remove appointed members of the Board at will.

***Measuring Focus, Basis of Accounting, and Financial Statement Presentation***

The District’s financial statements are presented on the full accrual basis of accounting in accordance with accounting principles generally accepted in the United States of America (GAAP). Revenues are recorded when earned, and expenses are recorded when a liability is incurred, regardless of the timing of related cash flows. The accounting policies of the District conform to applicable generally accepted accounting principles as defined in the pronouncements of GASB. The District’s basic financial statements include only proprietary fund financial statements because the District engages only in a single business-type activity. The financial statements of the District include the accounts of the Water Division and the Sewer Division after elimination of all significant inter-division accounts and transactions.

The District operates as an enterprise activity, using the flow of economic resources measurement focus. Enterprise funds distinguish operating revenues and expenses from non-operating items. Operating revenue and expenses generally result from providing services and delivering goods in connection with the enterprise fund’s principal ongoing operations. The principal operating revenues of the District are charges to customers for sales and service. Operating expenses for the enterprise funds include the cost of sales and service, administrative expense, and depreciation on capital assets. All revenues and expenses not meeting this definition are reported as non-operating revenues and expenses.

***Use of 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 revenues, expenses, and other changes in net position during the reporting period. Actual results could differ from the estimates.

***Cash and Cash Equivalents***

The District’s cash equivalents are considered to be liquid investments with original maturities of three months or less. For the purposes of the statement of cash flows, cash and cash equivalents consist of restricted and unrestricted cash and cash equivalents.

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

***Accounts Receivable***

Customer accounts receivable result from unpaid billings for service to customers and from unpaid billings related to work performed or materials sold to certain entities. All customer accounts receivable are shown net of an allowance for uncollectible accounts. The allowance for uncollectible customer accounts recorded by the District is based on past history of uncollectible accounts and management's analysis of current accounts. Customer accounts receivable also contains an estimate of services rendered, but not yet billed as of the end of the year. The receivable is derived from the cycle billings generated subsequent to year end and prorated for usage in December.

***Materials and Supplies***

All materials and supplies inventories are valued using the weighted average cost method.

***Prepaid Items***

Certain payments to vendors reflect costs applicable to future accounting periods and are recorded as prepaid items in the financial statements.

***Restricted Assets***

Certain proceeds of the bond issues and certain resources set aside for their repayment along with reserves for depreciation of plant are classified as restricted assets on the statement of net position because they are maintained in separate bank accounts and their use is limited by applicable bond covenants.

***Investments***

Investments consist primarily of non-participating non-negotiable certificates of deposit and are recorded at cost. KRS 66.480 permits the District to invest in U.S. Treasury obligations, certain federal instruments, repurchase agreements, commercial bank certificates of deposit and the Commonwealth of Kentucky investment pool, which are utilized by the District in limited smaller levels of investments.

***Utility Plant***

Utility plant, which include property, plant, equipment, and construction in progress, are recorded at historical cost or estimated historical cost if purchased, constructed, or contributed. Original cost includes materials, labor, transportation, and such other indirect costs as engineering, supervision, and employee fringe benefits.

The cost of normal maintenance and repairs that do not add to the value of the asset or materially extend assets' lives are not capitalized. Major outlays for capital assets and improvements are capitalized as projects are constructed. Interest cost incurred during a construction period is recognized as an expense.

As property units are retired in the ordinary course of business, the cost of the property plus removal cost less salvage, is charged to accumulated depreciation. Property, plant, and equipment of the District are depreciated using the straight-line method over the following useful lives:



## Warren County Water District Notes to Financial Statements

### NOTE 1 : SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

#### *Utility Plant (Continued)*

Buidlings & Improvements	35 - 37.5 years
Mains - Water Distribution	62.5 years
Mains - Sewer Collection	52.5 years
Meters	10 - 20 years
Service Lines	40 years
Storage Tanks	45 years
Trucks	7 years
Hydrants	50 years
Pumps	20 years
Furniture & Fixtues	22.5 years
Equipment	10 - 12.5 years

#### *Deferred Outflows of Resources*

In addition to assets, the statement of financial position will sometimes report a separate section for deferred outflows of resources. This separate financial statement element, *deferred outflows of resources*, represents a consumption of net position that applies to a future period(s) and so will not be recognized as an outflow of resources (expense/ expenditure) until then.

The District has one item that qualifies for reporting as deferred outflows of resources, the deferred amount of prepayments to the District's retirement security plan. See retirement security plan note below.

#### *Long Term Debt*

Debt is a liability that arises from a contractual obligation to pay cash (or other assets that may be used in lieu of cash) in one or more payments to settle an amount that is fixed at the date the contractual obligation is established.

#### *Compensated Absences*

The District's policy permits employees to accumulate earned but unused vacation benefits, which are eligible for payment upon separation from government service. The liability for such leave is reported as incurred in the statement of net position. Accumulated sick leave lapses when employees leave the employment of the District and, accordingly upon separation from service, no monetary obligation exists.

#### *Retirement Security Plan*

Employees of the District are provided with a defined benefit retirement plan through the Retirement Security Plan ("RS Plan") administered by the National Rural Electric Cooperative Association ("NRECA"), which is a cost sharing multiple-employer plan that has the characteristics described in paragraph 2 of GASB Statement No. 78. Note 8 provides further detail on the RS Plan.

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

***Retirement Security Plan (continued)***

In prior years, the District was given the opportunity to lower the retirement age of their employees to sixty two. The cost of reducing the retirement age of the District's retirement plan has been recognized as a deferred outflow of resources and is being amortized using the straight-line method over a thirty-year period as allowed by the agreement with the retirement group.

In prior years, the District made a prepayment as a deferred outflow of resources of \$1,556,940 to the District's retirement plan in order to achieve a lower annual required contribution ("ARC") requirement along with making various modifications to the District's retirement plan. The payment will lower the ARC over a ten-year period ending in 2027; therefore, the payment will be amortized over a ten-year period as a component of the District's pension costs.

***Other Post-Employment Benefits (OPEB) Liability***

For purposes of measuring the total OPEB liability and OPEB expense, information about the District's employees and contributions made have been determined on the same basis as they are reported to the District's actuary. For this purpose, benefit payments are recognized when due and payable in accordance with the benefit terms. Note 9 provides further detail on the total OPEB liability.

For defined benefit OPEB, GASB Statement No. 75 identifies the methods and assumptions that are required to be used to project benefit payments, discount projected benefit payments to their actuarial present value, and attribute that present value to periods of employee service. Note disclosure and required supplementary information requirements about defined benefit OPEB also are addressed.

***Rebates Payable***

Rebates payable are amounts paid by contractors to improve property by adding water and/or sewer connections which are eligible to be refunded to the contractor either entirely or in part, dependent upon the number of future residents attaching to the water and/or sewer connections. Amounts not refunded are transferred to capital contributions after the ten-year eligibility period has lapsed or when it is highly unlikely that the rebate will be requested by contractors.

***Bond Discount and Premiums***

Bond premiums and discounts are deferred and amortized over the life of the bonds using the effective interest method. Unamortized amounts are reflected in the long term obligations in the financial statements.

***Capital Contributions***

The donor cost of contributed property and equipment is included in capital contributions. Contributions are recognized in the statements of revenues, expenses, and changes in net position when earned. Contributions may include connect fees; developer contributed utility systems; capital grants and other supplemental support by other utilities and industrial customers; and federal, state, and local grants in support of system improvements. Assets acquired through contributions from developers or other customers are capitalized at donor cost at the date of donations.

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

***Net Position***

The District classifies its net position into the following three categories:

*Net investment in capital assets* - This component of net position represents the District's total investment in capital assets, net of accumulated depreciation, reduced by the outstanding balances of bonds that are attributable to the 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. If there are significant unspent related debt proceeds at year-end, the portion of the debt attributable to the unspent proceeds is not included in the calculation of net investment in capital assets. Rather, that portion of the debt is included in the same net position component as the unspent proceeds.

*Restricted* - The restricted component of net position consists of constraints placed on net position used through external constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation. Restricted assets will be reduced by liabilities and deferred inflows of resources related to those assets in the determination of restricted net position. Generally, a liability relates to restricted assets if the asset results from a resource flow that also results in the recognition of a liability or if the liability will be liquidated with the restricted assets reported.

*Unrestricted* - The unrestricted component of net position is the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of net investment in capital assets or the restricted component of net position.

When an expense is incurred that can be paid using either restricted or unrestricted resources, the District's policy is to first apply the expense towards restricted resources, and then towards unrestricted resources.

***Concentration of Credit Risk***

The majority of the District's business activity is with customers located within Warren County, Kentucky. The District extends credit to all citizens who live within the geographic location of the District and who utilize the utility system. Credit losses are usually minimal and are generally within management's expectations.

***Reclassifications***

Certain reclassifications were made to prior year balances to conform with current year presentation. There was no effect on the prior year change in net position.

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

***Subsequent Events***

Management has evaluated subsequent events through the date that the financial statements were available to be issued, April 18, 2024, and determined there were no events that occurred that required disclosure. No subsequent events occurring after this date have been evaluated for inclusion in these financial statements.

***Recently Issued and Implemented Accounting Pronouncements***

In May 2020, the GASB issued GASB Statement No. 96, *Subscription-Based Information Technology Arrangements*. This Statement provides guidance on the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users (governments). This Statement (1) defines a SBITA; (2) establishes that a SBITA results in a right-to-use subscription asset—an intangible asset—and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. To the extent relevant, the standards for SBITAs are based on the standards established in Statement No. 87, *Leases*, as amended. The requirements of this Statement are effective for fiscal years beginning after June 15, 2022, and all reporting periods thereafter. Assets and liabilities resulting from SBITAs should be recognized and measured using the facts and circumstances that existed at the beginning of the fiscal year in which this Statement is implemented. Governments are permitted, but are not required, to include in the measurement of the subscription asset capitalizable outlays associated with the initial implementation stage and the operation and additional implementation stage incurred prior to the implementation of this Statement. The implementation of this Statement was not significant to the District.

***Recent Accounting Pronouncements Not Yet Adopted***

The Governmental Accounting Standards Board has issued statements that will become effective in future years. These statements are as follows:

GASB Statement No. 100, *Accounting Changes and Error Corrections*, This Statement establishes accounting and financial reporting requirements for (a) accounting changes and (b) the correction of an error in previously issued financial statements (error correction). This Statement defines accounting changes as changes in accounting principles, changes in accounting estimates, and changes to or within the financial reporting entity and describes the transactions or other events that constitute those changes. This Statement prescribes the accounting and financial reporting for (1) each type of accounting change and (2) error corrections. This Statement requires that (a) changes in accounting principles and error corrections be reported retroactively by restating prior periods, (b) changes to or within the financial reporting entity be reported by adjusting beginning balances of the current period, and (c) changes in accounting estimates be reported prospectively by recognizing the change in the current period. This Statement requires disclosure in notes to financial statements of descriptive information about accounting changes and error corrections, such as their nature. In addition, information about the quantitative effects on beginning balances of each accounting change and error correction should be disclosed by reporting unit in a tabular format to reconcile beginning balances as previously reported to beginning balances as restated. Furthermore, this Statement addresses how information that is affected by a change in accounting principle or error correction should be presented in required supplementary information (RSI) and supplementary information (SI). The requirements of this Statement are effective for accounting changes and error corrections made in fiscal years beginning after June 15, 2023, and all reporting periods thereafter.

**Warren County Water District  
Notes to Financial Statements**

**NOTE 1: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)**

***Recent Accounting Pronouncements Not Yet Adopted (continued)***

GASB Statement No. 101, *Compensated Absences*, The objective of this Statement is to better meet the information needs of financial statement users by updating the recognition and measurement guidance for compensated absences. That objective is achieved by aligning the recognition and measurement guidance under a unified model and by amending certain previously required disclosures. The requirements of this Statement are effective for fiscal years beginning after December 15, 2023, and all reporting periods thereafter.

The District is evaluating the requirements of the above statements and the impact on reporting.

**NOTE 2: CASH AND CASH EQUIVALENTS AND INVESTMENTS**

***Deposits and Certificates of Deposit***

At December 31, 2023 and 2022 the District’s deposits and certificates of deposit consisted of the following:

<u>December 31,</u>	<u>2023</u>	<u>2022</u>
Cash and cash equivalents	\$ 6,775,441	\$ 9,274,111
Restricted cash and cash equivalents	5,246,965	4,051,364
Investments	3,761,351	250,000
Restricted investments	9,150,149	10,212,145
	<u>\$ 24,933,906</u>	<u>\$ 23,787,620</u>

The District maintains its deposits and certificates of deposit with financial institutions insured by the Federal Deposit Insurance Corporation (FDIC). As of December 31, 2023 and 2022 the carrying amount of the District’s deposits and certificates of deposit totaled \$24,925,186 and \$23,787,620, respectively, and the bank balances totaled \$23,602,501 and \$24,307,759, respectively. Of the bank balances, \$23,602,501 and \$24,307,759, were covered by FDIC insurance or by collateral held by an institution for the pledging bank in the District’s name.

***Custodial Credit Risk***

Custodial credit risk is the risk that in the event of a bank failure, the District’s deposits may not be returned to it. The District’s formal deposit policy for custodial credit risk requires deposits in banks which are in excess of the FDIC insurance coverage to be secured by the bank pledging securities in direct obligations of the United States of America or by approved security bonds. As of December 31, 2023 and 2022, none of the District’s deposits and certificates of deposit were exposed to custodial credit risk.

***Credit Risk***

Under Kentucky Revised Statutes Section 66.480, the District is authorized to invest in obligations of the United States and 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 or of its agencies, obligations of any corporation of the United States government, certificates of deposit, commercial paper rated in one of the three highest categories by nationally recognized rating agencies and securities in mutual funds shall be eligible investments pursuant to this section. However, the District’s bond agreement further limits its investment choices.

**NOTE 2: CASH AND CASH EQUIVALENTS AND INVESTMENTS (Continued)**

***Concentration of Credit Risk***

The District places no limit on the amount the District may invest in any one issuer. At December 31, 2023 and 2022, there are no investments in any one issuer that represents 5% or more of the total investments.

***Interest Rate Risk***

The District's investment policy limits investment maturities of less than three years as a means of managing its exposure to fair value losses arising from increasing interest rates.

***Fair Value***

GASB Codification Section 3100: *Fair Value Measurements* establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements).

The three levels of the fair value hierarchy under the codification are described as follows:

Level 1 (L1): Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the District has the ability to access.

Level 2 (L2): Inputs to the valuation methodology include:

- quoted prices for similar assets or liabilities in active markets;
- quoted prices for identical or similar assets or liabilities in inactive markets;
- inputs other than quoted prices that are observable for the asset or liability;
- inputs that are derived principally from or corroborated by observable market data by correlation or other means.

Level 3 (L3): Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

The following table sets forth by level, within the fair value hierarchy, the District's assets at fair value as of December 31, 2023:

**Warren County Water District  
Notes to Financial Statements**

**NOTE 2: CASH AND CASH EQUIVALENTS AND INVESTMENTS (Continued)**

***Fair Value (continued)***

As of December 31, 2023	Level 1	Level 2	Level 3	Total
<b>Restricted Investments</b>				
United States Treasuries	\$ 2,410,151	\$ -	\$ -	\$ 2,410,151
Debt securities - US government obligations	-	7,082,172	-	7,082,172
<b>Total restricted investments</b>	<b>\$ 2,410,151</b>	<b>\$ 7,082,172</b>	<b>\$ -</b>	<b>\$ 9,492,323</b>

The following table sets forth by level, within the fair value hierarchy, the District's assets at fair value as of December 31, 2022:

As of December 31, 2022	Level 1	Level 2	Level 3	Total
<b>Restricted Investments</b>				
United States Treasuries	\$ 441,885	\$ -	\$ -	\$ 441,885
Debt securities - US government obligations	-	2,706,564	-	2,706,564
<b>Total restricted investments</b>	<b>\$ 441,885</b>	<b>\$ 2,706,564</b>	<b>\$ -</b>	<b>\$ 3,148,449</b>

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2023.

*Debt and equity securities* – Debt and equity securities classified in Level 1 of the fair value hierarchy are valued using quoted market prices for those securities. Debt securities classified in Level 2 of the fair value hierarchy are valued using a matrix pricing technique based on the price or yield of similar debt securities.

***Restricted Cash and Cash Equivalents and Investments***

Restricted cash and cash equivalents and investments consisted of the following at December 31, 2023 and 2022:

<i>December 31,</i>	<b>2023</b>	2022
Construction funds	\$ 8,299,977	\$ 11,283,733
Sinking funds	1,207,229	1,461,672
Depreciation funds	3,179,786	3,031,431
Customer deposits	1,710,122	1,635,122
	<b>\$ 14,397,114</b>	<b>\$ 17,411,958</b>

**Warren County Water District  
Notes to Financial Statements**

**NOTE 2: CASH AND CASH EQUIVALENTS AND INVESTMENTS (Continued)**

***Restricted Cash and Cash Equivalents and Investments (continued)***

The construction funds contain unspent debt proceeds which are available for paying the cost of construction of projects related to the District's water and sewer system.

The sinking funds and debt service reserve funds are restricted to the payment of principal and interest on long-term debt.

The depreciation funds are restricted to payment for improvements and approved repairs.

The customer deposits fund is restricted to hold customer deposits until service is terminated.

**NOTE 3: CUSTOMER ACCOUNTS RECEIVABLE**

For the water and sewer systems, operating revenues are generally recognized on the basis of cycle billings rendered monthly. The amount of services delivered for the period from the last billing date to December 31, 2023 (unbilled receivable), is estimated and accrued at year end. If the District deems any amounts uncollectible an allowance for doubtful accounts is established. If payments are not received from customers, services are shut off and deposits are applied against negative balances.

At December 31, 2023 and 2022, customer accounts receivable consist of the following:

<i>December 31,</i>	<b>2023</b>	2022
Billed	\$ 1,213,490	\$ 1,313,231
Unbilled	1,433,429	1,636,953
Total	<b>2,646,919</b>	2,950,184
Less allowance for uncollectibles	<b>(476,497)</b>	(451,070)
Customer accounts receivable - net	<b>\$ 2,170,422</b>	\$ 2,499,114



**Warren County Water District**  
**Notes to Financial Statements**

**NOTE 4: UTILITY PLANT**

Utility plant activity for the year ended December 31, 2023 is as follows:

Description	Beginning Balance	Additions	Disposals	Ending Balance
Utility plant, not being depreciated				
Land and land rights	\$ 2,648,464	\$ -	\$ -	\$ 2,648,464
Construction in progress	5,993,016	18,351,698	10,687,348	13,657,366
<b>Total utility plant, not being depreciated</b>	<b>8,641,480</b>	<b>18,351,698</b>	<b>10,687,348</b>	<b>16,305,830</b>
Utility plant, being depreciated				
Buildings and improvements	23,336,158	1,646,888	-	24,983,046
Mains and pumping	150,678,916	9,921,063	2,021,048	158,578,931
Meters and hydrants	46,224,810	3,247,235	-	49,472,045
Office furniture and equipment	3,357,043	716,586	223,136	3,850,493
Equipment	3,304,837	472,127	389,178	3,387,786
<b>Total utility plant, being depreciated</b>	<b>226,901,764</b>	<b>16,003,899</b>	<b>2,633,362</b>	<b>240,272,301</b>
Less accumulated depreciation	72,539,688	5,916,676	2,633,318	75,823,046
<b>Total utility plant, being depreciated, net</b>	<b>154,362,076</b>	<b>10,087,223</b>	<b>44</b>	<b>164,449,255</b>
<b>Total utility plant, net</b>	<b>\$ 163,003,556</b>	<b>\$ 28,438,921</b>	<b>\$ 10,687,392</b>	<b>\$ 180,755,085</b>

**Warren County Water District  
Notes to Financial Statements**

**NOTE 4: UTILITY PLANT (Continued)**

Utility plant activity for the year ended December 31, 2022 is as follows:

Description	Beginning Balance	Additions	Disposals	Reclassification	Ending Balance
Utility plant, not being depreciated					
Land and land rights	\$ 1,393,954	\$ 1,254,510	\$ -	\$ -	\$ 2,648,464
Construction in progress	4,466,498	12,035,205	10,508,687	-	5,993,016
<b>Total utility plant, not being depreciated</b>	<b>5,860,452</b>	<b>13,289,715</b>	<b>10,508,687</b>	<b>-</b>	<b>8,641,480</b>
Utility plant, being depreciated					
Buildings and improvements	14,815,137	893,993	-	7,627,028	23,336,158
Mains and pumping	150,788,243	7,517,701	-	(7,627,028)	150,678,916
Meters and hydrants	40,365,233	5,922,734	63,157	-	46,224,810
Office furniture and equipment	3,205,671	151,372	-	-	3,357,043
Equipment	3,112,559	285,264	92,986	-	3,304,837
<b>Total utility plant, being depreciated</b>	<b>212,286,843</b>	<b>14,771,064</b>	<b>156,143</b>	<b>-</b>	<b>226,901,764</b>
<b>Less accumulated depreciation</b>	<b>66,070,360</b>	<b>6,602,313</b>	<b>132,985</b>	<b>-</b>	<b>72,539,688</b>
<b>Total utility plant, being depreciated, net</b>	<b>146,216,483</b>	<b>8,168,751</b>	<b>23,158</b>	<b>-</b>	<b>154,362,076</b>
<b>Total utility plant, net</b>	<b>\$ 152,076,935</b>	<b>\$ 21,458,466</b>	<b>\$ 10,531,845</b>	<b>\$ -</b>	<b>\$ 163,003,556</b>

**NOTE 5: LONG-TERM DEBT**

Long-term debt consists of the following:

<i>December 31,</i>	<b>2023</b>	<b>2022</b>
Revenue bonds, U.S. Department of Agriculture Series 2005A, with a 4.25% interest rate, payable semiannually. Principal payments are due annually every January 1, and vary until payoff on January 1, 2045.	<b>\$ 928,000</b>	<b>\$ 954,000</b>
Note payable/direct borrowing, Kentucky Infrastructure Association Loan C11-02, with a 3.00% interest rate, payable monthly. Principal payments are due monthly until payoff June 1, 2033.	<b>452,763</b>	<b>493,349</b>
Revenue bonds, Kentucky Rural Water Finance Corporation Series 2013B, with varying interest rates commencing at 2.30% and increasing to 3.30% over the life of the loan, payable semiannually. Principal payments are due annually every February 1, and vary until payoff on February 1, 2028.	<b>625,000</b>	<b>775,000</b>

**Warren County Water District  
Notes to Financial Statements**

**NOTE 5: LONG-TERM DEBT (CONTINUED)**

<i>December 31,</i>	<b>2023</b>	2022
Refunding revenue bonds, Kentucky Rural Water Finance Corporation Series 2016B, with varying interest rates between 2.25% and 3.25% over the life of the loan, payable semiannually. Principal payments are due annually every January 1, and vary until payoff on January 1, 2030.	<b>1,250,000</b>	1,415,000
Note payable/direct borrowing, Kentucky Infrastructure Association Loan B19-006, with a 2.00% interest rate, payable semiannually. Principal payments are due semiannually every December 1 and June 1, until payoff December 1, 2040.	<b>1,770,415</b>	1,849,233
Note payable/direct borrowing, Kentucky Infrastructure Association Loan C19-002, with a 3.00% interest rate, payable semiannually. Principal payments are due semiannually every December 1 and June 1, until payoff December 1, 2040.	<b>1,748,314</b>	1,833,884
Revenue bonds, U.S. Department of Agriculture Series 2019, with a 2.375% interest rate, payable semiannually. Principal payments are due annually every January 1, and vary until payoff on January 1, 2060.	<b>623,000</b>	630,500
Revenue bonds, Kentucky Rural Water Finance Corporation Series 2021A, with a 4.00% to 4.30% interest rate, payable semiannually. Principal payments are due annually every January 1, and vary until payoff on January 1, 2039.	<b>2,440,000</b>	2,695,000
Revenue bonds, Kentucky Rural Water Finance Corporation Series 2022D, with a 3.50% interest rate, payable semiannually. Principal payment is due on August 1, 2024.	<b>11,370,000</b>	11,370,000
Total bonds and notes payable/direct borrowings	<b>21,207,492</b>	22,015,966
Less unamortized premium (discount) on bonds - net	<b>131,718</b>	149,050
Less current portion of bonds and notes payable	<b>(12,200,312)</b>	(808,476)
Net long-term debt	<b>\$ 9,138,898</b>	\$ 21,356,540

**Warren County Water District  
Notes to Financial Statements**

**NOTE 5: LONG-TERM DEBT (CONTINUED)**

On June 8, 2021, the District issued \$2,930,000 in Refunding Revenue Bonds with an interest rate of 4.0 to 4.3 percent to refund \$400,000 of outstanding 1993 Series bonds with an interest rate of 4.5 percent, to refund \$530,000 of outstanding 2004 Series bonds with an interest rate of 4.3 and 4.5 percent, to refund \$1,380,000 of outstanding 2012 Series bonds with an interest rate of 3.2 to 4.2 percent, and to pay \$898,037 of an outstanding loan payable to the Kentucky Infrastructure Authority with an interest rate of 3.0 percent. The net proceeds of \$3,249,401, net of \$102,268 in underwriting fees, insurance, and other issuance costs. An additional \$211,326 of Series 1993, 2004, and 2012 sinking fund monies and original issuance premium of \$210,342 were used to refund the 1993, 2004, and 2012 Series bonds.

The refunding resulted in a difference between the reacquisition price and the net carrying amount of the old debt of \$17,131. This difference is being charged to operations through the year 2048 using the effective-interest method. The District completed the refunding to reduce its total debt service payments over the next 18 years by \$457,120 and to obtain an economic gain (difference between the present values of the old and new debt service payments) of \$339,362.

On October 27, 2022, the District issued \$11,370,000 in Revenue Bonds with an interest rate of 3.5 percent to finance extensions, additions, and improvements to the District’s water and sewer system.

The District has various financial and non-financial debt covenants and restrictions as set forth in the bond and loan agreements. Failure to fulfill any of the debt covenants and restrictions, or failure to cure any such failure within 30 days, constitute an event of default. In the event of default, the respective owners of the bonds may enforce and compel the duties and obligations set forth within the bond agreement.

The District’s outstanding notes from direct borrowings contain an event of default that changes the timing of repayment of outstanding amounts to become immediately due if the District is unable to make a payment at the times specified in the agreement.

Unamortized net premiums and (discounts) on the debt issuances totaled \$131,718 and \$149,050 as of December 31, 2023 and 2022, respectively. Related amortization income/(expenses) for the years ended December 31, 2023 and 2022 totaled \$17,332 and 23,825, respectively.

The following is a summary of long-term debt transactions for the year ended December 31, 2023:

Description	Beginning Balance	Increases	Decreases	Ending Balance	Due in Less than 1 Year
USDA Series 2005A	\$ 954,000	\$ -	\$ 26,000	\$ 928,000	\$ 27,000
KIA C11-02	493,349	-	40,586	452,763	41,822
KRWFC 2013B	775,000	-	150,000	625,000	155,000
KRWFC 2016B	1,415,000	-	165,000	1,250,000	165,000
KIA B19-006	1,833,884	-	85,570	1,748,314	87,290
KIA C19-002	1,849,233	-	78,818	1,770,415	81,200
USDA Series 2019	630,500	-	7,500	623,000	8,000
KRWFC 2021A	2,695,000	-	255,000	2,440,000	265,000
KRWFC 2022D	11,370,000	-	-	11,370,000	11,370,000
	<u>\$ 22,015,966</u>	<u>\$ -</u>	<u>\$ 808,474</u>	<u>\$ 21,207,492</u>	<u>\$ 12,200,312</u>

**Warren County Water District  
Notes to Financial Statements**

**NOTE 5: LONG-TERM DEBT (CONTINUED)**

The following is a summary of long-term debt transactions for the year ended December 31, 2022:

Description	Beginning Balance	Increases	Decreases	Ending Balance	Due in Less than 1 Year
USDA Series 2005A	\$ 954,000	\$ -	\$ -	\$ 954,000	\$ 26,000
KIA C11-02	532,738	-	39,389	493,349	40,587
KRWFC 2013B	920,000	-	145,000	775,000	150,000
KRWFC 2016B	1,575,000	-	160,000	1,415,000	165,000
KIA B19-006	1,917,768	-	83,884	1,833,884	85,571
KIA C19-002	1,925,739	-	76,506	1,849,233	78,818
USDA Series 2019	630,500	-	-	630,500	7,500
KRWFC 2021A	2,930,000	-	235,000	2,695,000	255,000
KRWFC 2022D	-	11,370,000	-	11,370,000	-
	<u>\$ 11,385,745</u>	<u>\$ 11,370,000</u>	<u>\$ 739,779</u>	<u>\$ 22,015,966</u>	<u>\$ 808,476</u>

The annual debt service requirements to maturity, including principal and interest, as of December 31, 2023 are as follows:

Year(s)	Principal	Interest	Total
2024	\$ 12,200,312	\$ 676,612	\$ 12,876,924
2025	856,794	250,969	1,107,763
2026	713,922	224,879	938,801
2027	736,203	201,734	937,937
2028	644,141	179,752	823,893
2029-2033	2,667,971	637,186	3,305,157
2034-2038	1,978,794	342,577	2,321,371
2039-2043	907,355	120,794	1,028,149
2044-2048	201,000	45,679	246,679
2049-2053	110,000	29,403	139,403
2054-2058	132,500	15,052	147,552
2059-2060	58,500	1,283	59,783
<b>Total</b>	<u>\$ 21,207,492</u>	<u>\$ 2,725,920</u>	<u>\$ 23,933,412</u>

## Warren County Water District Notes to Financial Statements

### NOTE 5: LONG-TERM DEBT (CONTINUED)

The District has pledged future water customer revenues, net of specified operating expenses, to repay \$21,207,492 in water system long-term debt. Proceeds from the borrowings provided financing for the construction of the utility plant. The bonds are payable solely from water customer net revenues and are payable through 2060. The total principal and interest remaining to be paid on the bonds is \$23,933,412. Principal and interest paid for the current year and total customer net revenues were \$1,415,799 and \$22,618,366 respectively.

### NOTE 6: RELATED PARTIES

The District provides management, engineering, and repair and maintenance services to both, the Butler County Water System and Simpson County Water District as defined in the "Joint Operations Agreement" dated February 14, 2019. In the ordinary course of business, the District has and expects to continue to have transactions with Butler County Water System and Simpson County Water District.

In the opinion of management, such transactions were on substantially the same terms as those prevailing at the time of comparable transactions with other persons and did not involve more than a normal risk of collectability or present any other unfavorable features to the District.

The following related party amounts were included in accounts receivable and accounts payable at December 31, 2023:

	Accounts Receivable	Accounts Payable
Butler County Water System	\$ 267,651	\$ 4,122
Simpson County Water District	\$ 188,258	\$ 13,300

The following related party amounts were included in accounts receivable and accounts payable at December 31, 2022:

	Accounts Receivable	Accounts Payable
Butler County Water System	\$ 249,852	\$ 5,950
Simpson County Water District	\$ 197,276	\$ 6,215

## Warren County Water District Notes to Financial Statements

### NOTE 6: RELATED PARTIES (Continued)

For the year ended December 31, 2023, the District allocated expenses to related parties as follows:

Description	Butler County Water System	Simpson County Water District
Wages and benefits:		
Operation	\$ 536,477	\$ 254,688
Administrative:		
Supervision and administration	143,792	103,124
Accounting	48,203	34,570
Customer service	110,524	73,989
Engineering	12,827	28,296
Operations - other	341,277	224,545
Additions to plant	645,300	503,363
Special projects	4,412	18,211
<b>Totals</b>	<b>\$ 1,842,812</b>	<b>\$ 1,240,786</b>

For the year ended December 31, 2022, the District allocated expenses to related parties as follows:

Description	Butler County Water System	Simpson County Water District
Wages and benefits:		
Operation	\$ 529,539	\$ 268,334
Administrative:		
Supervision and administration	140,541	99,205
Accounting	45,464	32,092
Customer service	104,296	63,600
Engineering	8,597	22,889
Operations - other	286,210	184,179
Additions to plant	98,417	318,242
Special projects	19,938	60,504
<b>Totals</b>	<b>\$ 1,233,002</b>	<b>\$ 1,049,045</b>

### NOTE 7: MAJOR SUPPLIER

The District purchases all water and sewer services from the Bowling Green Municipal Utilities ("BGMU"). The agreement was renewed on December 4, 2018 for an additional forty-five years. Any rate adjustments are approved by BGMU, the District, and the Kentucky Public Service Commission.

**NOTE 8: EMPLOYEE RETIREMENT PLAN**

***Plan Description***

Employees of the District are provided with a defined benefit retirement plan through the Retirement Security Plan (“RS Plan”) administered by the National Rural Electric Cooperative Association (“NRECA”), which is a cost sharing multiple-employer plan that has the characteristics described in paragraph 2 of GASB Statement No. 78.

***Financial Information***

The RS Plan publishes a financial statement and a copy can be obtained by writing or calling the Plan Administrator, NRECA, PO Box 6007, Lincoln, NE, 68506; telephone number 866-NRECA99. The RS Plan must file annual reports with the U.S. Department of Labor (Form 5500) that include a copy of the RS annual financial statements. An electronic copy of Form 5500, and the plan's annual financial statements, can be obtained by going to [www.efast.dol.gov](http://www.efast.dol.gov) and using the search tool (EIN 530116145; PN 333).

***Benefits Provided***

The District had 68 and 59 employees participating in the RS Plan on December 31, 2023 and 2022, respectively. Upon retirement at the normal age of sixty-two, the annual estimated benefit is calculated as: Benefit Level (1.6% eligible service years from January 1, 1976 to April 1, 1999, 1.85% for service years from April 1, 1999 to January 1, 2018, and 1% for service years after January 1, 2018) multiplied by the number of continuous years in the plan multiplied by the average of the highest five salary years. Other plans were in effect prior to January 1, 1976 and benefit calculations will vary in accordance with an employee's hire date. The District decreased the normal retirement age to sixty-two and increased the benefit level. The District's Board of Commissioners has the authority to amend certain terms of the RS Plan, including benefit levels provided for each year of service, normal retirement age, eligibility for participation, and required employee contributions to the plan. Other terms such as vesting periods, forms of payment, and factors used to reduce benefits for early retirement and conversion of benefits to optional forms of payment, are governed at the overall plan level and cannot be adjusted by the District. Each employer in the RS plan elects to participate in the plan.

***Contribution Requirements***

The total annual contribution is determined actuarially to be sufficient in funding the benefits of the RS Plan as a level percentage of covered payrolls over the average expected remaining working lifetime of its participants. The amount is determined annually. This total annual contribution is allocated based on each employer's RS Plan provisions and participant demographics (in particular, the average age of participants and each participant's pay level). The District must contribute annually in accordance with the terms of the RS Plan. The District's Board of Commissioners may amend certain benefit provisions, changing the corresponding contribution level after the effective date of the amendment. The District's contribution rate for Year 2023 was 12.75% and for Year 2022 was 12.83% of employees' base pay for those employees who have been employed with the District for over one year and have worked the number of hours to qualify.

The District can choose to withdraw from the RS Plan, subject to plan provisions that require the District to fully fund its share of the RS Plan liabilities before withdrawing.



**NOTE 9: POST EMPLOYMENT HEALTHCARE PLAN**

***Plan Description***

The District administers an Other Postemployment Benefits (OPEB) plan providing medical, prescription drug, and dental benefits to retired District employees and their dependents under certain conditions. A summary of retiree medical, prescription drug and dental insurance benefits are in the District's Operating Policy NO. 109, paragraph J. This Operating Policy may be obtained by writing to Jacob Cuarta, General Manager, Warren County Water District, P.O. Box 10180, Bowling Green, KY 42102-4780. The District does not issue a separate report that includes financial statements and required supplementary information for the OPEB plan.

***Benefits Provided***

Individuals who are employed by the District and are eligible to participate in the group health plan are eligible to continue healthcare benefits upon retirement after reaching age 60 and meeting a combined age plus years of service of at least 75. Coverage during retirement continues in the group health plans. Employees covered by the plan make contributions toward the plan premiums.

***Plan Membership***

Plan membership consisted of the following:

<i>December 31,</i>	<b>2023</b>	2022
Inactive members currently receiving benefits	<b>4</b>	4
Active members	<b>72</b>	72
Total	<b>76</b>	76

***Investment Policy***

The District's obligation is unfunded at December 31, 2023 and 2022. There are no assets accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75.

***Contributions***

The contribution requirements of retired employees are established and may be amended by the District's Board of Commissioners. If an employee retires at a minimum age of 60 and their age plus years of service equals 75, the District will pay 70 percent of the premium for employee and spouse coverage for a period not to exceed 5 years. All retirees and their spouses may be allowed to retain the coverage as set forth with 100 percent of the premium being paid by the retiree. For fiscal years 2023 and 2022 respectively, the District contributed \$40,572 and \$47,581 towards the healthcare plan.

***2023 and 2022 Actuarial Assumptions***

The total OPEB liability was determined by an actuarial valuation as of December 31, 2022. For 2023 assumed actuarial assumptions are exactly realized. Updated procedures were used to roll forward the service cost and total OPEB liability to the December 31, 2023 measurement date. The following actuarial assumptions were applied to all periods in the measurement, unless otherwise specified:

**Warren County Water District  
Notes to Financial Statements**

**NOTE 9: POST EMPLOYMENT HEALTHCARE PLAN (CONTINUED)**

***2023 and 2022 Actuarial Assumptions (continued)***

Actuarial Cost Method	Alternative Measurement Method (AMM)
Measurement Date	December 31, 2022
Valuation Date	December 31, 2022
Reporting Date	December 31, 2022
Measurement Period	January 1, 2022 to December 31, 2022
Discount Rate	3.72%
As an unfunded plan, the discount rate reflects the index rate for 20-year, tax-exempt general obligation municipal bonds with an average rating of AA/Aa or higher as of the measurement date. The index rate used to measure the total OPEB liability was 3.72% as of December 31, 2022.	
General Inflation	3.00%
Salary Increases	2.50%
Health Care Cost Trend Rates	4% - all years
Mortality	2020 United States Life Tables

This AMM valuation reflects the following changes in assumptions from the prior actuarial valuation. The discount rate was changed from 2.12% to 3.72%.

***2023 and 2022 Discount Rate***

The discount rate used to measure the OPEB liability was 3.72% for the plan. No assets have been accumulated in an irrevocable trust, so the municipal rate has been applied to all periods. The discount rate changed from the prior measurement date.

***Total OPEB Liability***

	<u>As of December 31, 2022</u>
<b>Actuarial Present Value of Future Benefits</b>	
Retired - Employees/Spouses	\$ 117,422
Actives - Employees/Spouses	<u>2,015,496</u>
Total	<u>\$ 2,132,918</u>
<b>Total OPEB Liability</b>	
Retired - Employees/Spouses	\$ 117,422
Actives - Employees/Spouses	<u>945,806</u>
Total	<u>\$ 1,063,228</u>

As of December 31, 2023 and 2022, there are no assets accumulated in a trust that meets the criteria in paragraph 4 of GASB Statement No. 75, so the Net Fiduciary Position is \$0 and the Net OPEB Liability would be equal to the Total OPEB Liability.

**Warren County Water District  
Notes to Financial Statements**

**NOTE 9: POST EMPLOYMENT HEALTHCARE PLAN (CONTINUED)**

***Changes in the Total OPEB Liability***

<i>December 31,</i>	<b>2023</b>	2022
Balance Forward - beginning of year	\$ 1,063,228	\$ 1,484,442
Changes for the year:		
Service cost	74,990	116,586
Interest in the total OPEB liability	41,582	33,438
Changes in benefits	-	-
Difference between expected and actual experience	-	(398,737)
Changes in assumptions	-	(124,920)
Benefit payments, including employee refunds	(40,572)	(47,581)
Net changes	<b>76,000</b>	(421,214)
Balance, end of year	<b>\$ 1,139,228</b>	<b>\$ 1,063,228</b>

***OPEB Expense***

	<b>Year Ended December 31, 2023</b>	Year Ended December 31, 2022
Service Cost	\$ 74,855	\$ 116,586
Interest on Total OPEB Liability	41,582	33,438
Effect of Plan Changes	-	-
Economic/Demographic (Gains)/Losses	-	(398,737)
Assumption Changes	-	(124,920)
OPEB Expense	<b>\$ 116,437</b>	<b>\$ (373,633)</b>

***Expected Remaining Service Lives***

Under GASB 75, gains and losses which are amortized over future years are referred to as deferred inflows or gains, and deferred outflows or losses. Economic and demographic gains and losses and changes in the total OPEB liability due to changes in assumptions are recognized over a closed period equal to the average expected remaining service lives of all covered active and inactive members, determined as of the beginning of the measurement period. The amortization period is calculated as the weighted average of expected remaining service lives assuming zero years for all inactive members.

However, if using AMM procedures, changes of assumptions and the difference between expected and actual experience with regard to economic and demographic factors are immediately recognized in OPEB expense.

**Warren County Water District  
Notes to Financial Statements**

**NOTE 9: POST EMPLOYMENT HEALTHCARE PLAN (CONTINUED)**

***2023 Sensitivity of the Total OPEB Liability to Changes in the Discount Rate***

The following presents the total OPEB liability of the District, as well as what the District's total OPEB liability would be if it were calculated using a discount rate 1-percentage-point lower (2.72%) and 1-percentage-point higher (4.72%) than the current discount rate:

	<b>1% Decrease (2.72%)</b>	<b>Current Discount Rate (3.72%)</b>	<b>1% Increase (4.72%)</b>
District's total OPEB liability	\$ 1,141,179	\$ 1,139,228	\$ 1,059,158

***2022 Sensitivity of the Total OPEB Liability to Changes in the Discount Rate***

The following presents the total OPEB liability of the District, as well as what the District's total OPEB liability would be if it were calculated using a discount rate 1-percentage-point lower (2.72%) and 1-percentage-point higher (4.72%) than the current discount rate:

	<b>1% Decrease (2.72%)</b>	<b>Current Discount Rate (3.72%)</b>	<b>1% Increase (4.72%)</b>
District's total OPEB liability	\$ 1,131,776	\$ 1,063,228	\$ 988,617

***2023 Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rate***

The following presents the total OPEB liability of the District, as well as what the District's total OPEB liability would be if it were calculated using a healthcare cost trend rates 1-percentage-point lower (3.00%) and 1-percentage-point higher (5.00%) than the current healthcare cost trend rates:

	<b>1% Decrease (3.00%)</b>	<b>Current Healthcare Cost Trend Rate (4.00%)</b>	<b>1% Increase (5.00%)</b>
District's total OPEB liability	\$ 1,013,824	\$ 1,139,228	\$ 1,286,657

**Warren County Water District  
Notes to Financial Statements**

**NOTE 9: POST EMPLOYMENT HEALTHCARE PLAN (CONTINUED)**

***2022 Sensitivity of the Total OPEB Liability to Changes in the Healthcare Cost Trend Rate***

The following presents the total OPEB liability of the District, as well as what the District's total OPEB liability would be if it were calculated using a healthcare cost trend rates 1-percentage-point lower (3.00%) and 1-percentage-point higher (5.00%) than the current healthcare cost trend rates:

	<b>1% Decrease (3.00%)</b>	<b>Current Healthcare Cost Trend Rate (4.00%)</b>	<b>1% Increase (5.00%)</b>
District's total OPEB liability	\$ 946,302	\$ 1,063,228	\$ 1,200,964

**NOTE 10: OTHER EMPLOYEE BENEFITS**

The District currently participates in 401(a) and 457(b) retirement plans through Transamerica Retirement Solutions Corporation. Full-time employees meeting certain eligibility requirements can participate in the plan to the extent allowed under Internal Revenue Service rules. The District's contribution to the plan is limited to employees who have been employed for over one year and consists of a 3% contribution and a 100% matching contribution of up to 4% of the employee's base salary. For the year ended December 31, 2023 and 2022, respectively, the District contributed \$294,535 and \$238,026 to the 401(a) plan.

Employees with less than twenty-five years of continuous service shall accrue annual leave at the rate of fifteen days per year. Employees with more than twenty-five years of continuous service accrue annual leave at the rate of twenty days per year. Unused annual leave in excess of ten days accumulate at the end of the year and are payable upon request to employees with more than 240 accumulated annual leave days. All accumulated annual leave is payable to employees upon termination. At December 31, 2023 and 2022, the District's accrued compensated absences for annual leave totaled \$472,626 and \$461,179, respectively.

Employees accrue sick days at the rate of one sick day per month worked. The sick pay accumulation is unlimited and is payable upon retirement for all sick leave in excess of 800 hours at the rate of one day's pay for each 100 hours or fraction thereof. At December 31, 2023 and 2022, the District's accrued compensated absences for sick leave totaled \$48,139 and \$40,498, respectively.

**NOTE 11: RISKS OF LOSS**

The District's risks of loss are addressed by the purchase of commercial insurance. These areas include employee dishonesty bonds, property coverage, vehicle coverage and a public entity liability policy which includes errors and omission. Coverage is reviewed for adequacy by management and agents on an annual basis.

**NOTE 12: COMMITMENTS**

The District has entered into an agreement with an entity, which is a joint venture with the City of Bowling Green, KY (City) and Warren County, KY (County), to develop the water and sewer system for their plant with a grant received from the Kentucky Cabinet for Economic Development (“KCED”). To meet the requirements of the KCED, the District had to place a surety with KCED for \$615,000 until July 1, 2025, which equals the cost of the grant. In turn, the joint city-county development agrees to contribute the water and sewer improvements. If the entity does not meet the employment goals required by the grant agreement, the surety will be maintained by KCED, however if the employment goals are met the surety will be returned to the District.

The District has entered into a contract to extend water and sewer service and construct a 2-million-gallon elevated storage tank into the next phase of the joint City-County development which will be reimbursed by these entities. The anticipated expenditures for this contract is \$14,000,000. The total cost incurred as of December 31, 2023 is \$11,883,000. Costs related to the extension of the water and sewer service will be contributed by the City-County development upon the receipt of cost reimbursements. The District has entered into an additional agreement with the County and the City to pledge a percentage of future metered revenues generated from customers in this joint City-County development, which shall be paid to the City and County, annually.

The District has entered into a contract to extend water and sewer service into the 3rd phase of the joint City-County development as well as improve water and sewer accessibility to the Sunnyside-Gott area. The anticipated expenditures for this contract is \$66,000,000. \$46,000,000 is currently secured and the City-County development is seeking additional funding through the Kentucky Legislature to secure the remaining funding need. The City-County development will reimburse the District for all costs incurred. Design of the project is continuing and is being reimbursed through the \$46,000,000 secured fund. Through December 31, 2023, costs for design services of \$914,000 have been incurred and reimbursed by the City-County development. No construction activities will be undertaken until the additional funding is secured by the City-County development. The joint City-County development will reimburse these costs with funding appropriated by the Kentucky Legislature. The District has engaged a consultant to request a Declaratory Order from the Kentucky Public Service Commission to verify the project is administered correctly.

The District has committed to an upgrade of its system-wide SCADA (supervisory control and data acquisition) system. The system consists of RTU’s (remote terminal units) which provide telemetry, control, and alarming for 111 pump stations, storage tanks, and metering sites. The estimated cost of the project is \$3,108,800 and will be funded with a bank anticipation loan through Kentucky Rural Water Finance Corporation (KRWFC). Total cost incurred as of December 31, 2023, is approximately \$1,900,000.

In 2021 and 2022 the District received grants for water and wastewater system improvements from the Commonwealth of Kentucky through Kentucky’s Cleaner Water Program (CWP). Both grant awards are provided through the American Rescue Plan Act of 2021. The grants were awarded in two rounds CWP Round 1 and CWP Round 2. Grants awarded through CWP Round 1 total: \$2,440,372 and grants awarded through CWP Round 2 total: \$4,086,720. In addition, a grant was received directly from the County of Warren for water and wastewater system improvements in the amount of \$3,811,000. Through December 31, 2023, total costs incurred are approximately \$899,000.

The District has entered into a connection agreement with Warren County Public Schools (WCPS) to design and construct a sanitary sewer extension to serve a new elementary school currently under construction. Costs for the sewer extension will be paid by WCPS and reimbursed to the District. The current estimated cost of construction is \$1,112,000. Through December 31, 2023, total costs incurred are approximately \$10,000.

**Warren County Water District  
Schedule of Employer Required Contributions**

**RETIREMENT SECURITY PLAN**

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Contractually Required Contribution	\$ 528,608	\$ 407,968	\$ 376,320	\$ 371,285	\$ 343,827	\$ 335,398	\$ 782,066	\$ 785,396	\$ 674,876	\$ 658,698

NOTE: This schedule is intended to present a ten-year trend per GASB 78.

## Warren County Water District Notes to the Schedule of Employer Required Contributions

The table below summarized the District's contribution rates, contractually required contribution amounts, and factors significantly affecting contribution rates for the RS Plan.

Year	Contribution Rate	Contribution Amount Required and Paid	Average Age	Factors Significantly Affecting Contribution Rate
2014	26.37%	\$ 658,698	44	Increase in the average age of District participants.
2015	25.89%	\$ 674,879	43	Decrease in the average age of District participants.
2016	27.17%	\$ 785,396	44	Increase in the average age of District participants and lower than assumed 7.75% expected annual return.
2017	27.55%	\$ 782,066	45	Increase in the average age of District participants.
2018	11.86%	\$ 335,398	45	Decrease in the contribution rate due to prepayment of unfunded balance and reduction of benefits.
2019	11.55%	\$ 343,827	43	Decrease in the average age of District participants.
2020	11.56%	\$ 371,285	42	Decrease in the average age of District participants.
2021	12.13%	\$ 376,320	43	Increase in the average age of District participants.
2022	12.83%	\$ 407,968	45	Increase in the average age of District participants.
2023	12.75%	\$ 528,608	43	Decrease in the average age of District participants.

NOTE: This schedule is intended to present a ten-year trend per GASB 78.



**Warren County Water District**  
**Schedule of Changes in the District's Total OPEB Liability and Related Ratios**

**Schedule of Changes in the District's Total OPEB Liability and Related Ratios**

	<b>2023</b>	2022	2021	2020	2019	2018
<b>Total OPEB Liability</b>						
Service cost	\$ 74,990	\$ 116,586	\$ 113,742	\$ 88,789	\$ 86,623	\$ 54,508
Interest	41,582	33,438	31,305	64,112	61,497	35,620
Changes of benefit terms	-	-	-	-	-	406,050
Difference between expected and actual experience	-	(398,737)	-	(209,922)	-	136,938
Changes of assumptions	-	(124,920)	-	9,064	-	(24,914)
Benefit payments	<b>(40,572)</b>	<b>(47,581)</b>	<b>(47,085)</b>	<b>(81,011)</b>	<b>(91,962)</b>	<b>(73,479)</b>
 Net change in total OPEB liability	 <b>76,000</b>	 <b>(421,214)</b>	 <b>97,962</b>	 <b>(128,968)</b>	 <b>56,158</b>	 <b>534,723</b>
 Total OPEB liability - beginning	 <b>1,063,228</b>	 1,484,442	 1,386,480	 1,515,448	 1,459,290	 924,567
 Total OPEB liability - ending	 <b>\$ 1,139,228</b>	 <b>\$ 1,063,228</b>	 <b>\$ 1,484,442</b>	 <b>\$ 1,386,480</b>	 <b>\$ 1,515,448</b>	 <b>\$ 1,459,290</b>
 Covered-employee payroll	 <b>\$ 4,794,062</b>	 \$ 4,677,134	 \$ 4,007,172	 \$ 3,909,436	 \$ 3,409,453	 \$ 3,326,296
 District total OPEB liability as a percentage of covered-employee payroll	 <b>23.76%</b>	 22.73%	 37.04%	 35.46%	 44.45%	 43.87%

NOTE: GASB codification P20 requires information for 10 years. However, until a full 10-year trend is compiled, the District is presenting information for only the years for which information is available.

## Warren County Water District Schedule of Changes in the District's Total OPEB Liability and Related Ratios

### Notes to Schedule

#### Changes of Benefit Terms

In 2018 there was a change in the benefit terms which expands the allowed coverage period from three years to five years. The retirement age assumption was changed from age 63 to age 62 in reflection of this change. There was no change in the benefit terms for 2019, 2020, 2021, 2022 or 2023.

#### Changes of Assumptions

In 2018, the discount rate was increased from 3.78% to 4.10%. There was no change in assumptions for 2019.

In 2020, the discount rate was decreased from 4.10% to 2.12%. Future health care cost trend rates were adjusted from 5% to 4%. There was no change in assumptions for 2021.

In 2022, the discount rate was increased from 2.12% to 3.72%. There was no change in assumptions for 2023

## Warren County Water District Schedule of Budgetary Comparison

*For the year ended December 31, 2023*

	Budgeted Amounts		Actual	Variances
	Original	Final		Favorable (Unfavorable) Final to Actual
<b>Revenues</b>				
Metered water revenue	\$ 15,463,100	\$ 16,173,100	\$ 15,925,793	\$ (247,307)
Metered sewer revenue	5,916,100	6,181,100	6,097,839	(83,261)
Forfeited discounts	313,500	284,500	292,126	7,626
Miscellaneous service revenue	275,300	304,300	301,408	(2,892)
Other water revenue	600	600	600	-
Other sewer revenue	600	600	600	-
Interest income	464,000	704,000	691,429	(12,571)
Rental income - utility property	159,000	127,000	121,949	(5,051)
Non-utility income - storm water	69,600	69,600	70,539	939
<b>Total revenues</b>	<b>22,661,800</b>	<b>23,844,800</b>	<b>23,502,283</b>	<b>(342,517)</b>
<b>Expenses</b>				
Salaries and wages	2,258,300	2,108,300	2,079,303	28,997
Commissioner fees	30,000	30,000	30,000	-
Fringe benefits	1,314,900	1,178,900	1,179,451	(551)
Purchased water	7,806,500	8,331,500	8,149,609	181,891
Sewage disposal	3,300,400	3,400,400	3,374,015	26,385
Purchased power	799,000	714,000	700,400	13,600
Chemicals	40,700	33,700	30,983	2,717
Materials and supplies	321,500	386,500	406,876	(20,376)
Contractual services - accounting	28,200	31,200	28,534	2,666
Contractual services - legal	34,900	44,900	22,058	22,842
Contractual services - other	913,600	963,600	999,547	(35,947)
Rental of building / property	106,200	97,200	57,450	39,750
Equipment expense	318,800	321,300	334,501	(13,201)
Insurance - general liability	67,200	75,200	88,079	(12,879)
Insurance - other	13,000	11,500	5,388	6,112
Regulatory expense	29,300	27,300	28,986	(1,686)
Bad debt expense	28,500	41,500	25,423	16,077
Miscellaneous expense	35,600	55,600	73,284	(17,684)
<b>Total expenses</b>	<b>17,446,600</b>	<b>17,852,600</b>	<b>17,613,887</b>	<b>238,713</b>

## Warren County Water District Schedule of Budgetary Comparison

*For the year ended December 31, 2023*

	Budgeted Amounts		Actual	Variances Favorable (Unfavorable) Final to Actual
	Original	Final		
<b>Other (Revenues) and Expenses</b>				
Depreciation	5,345,300	5,795,300	5,681,625	113,675
Miscellaneous non-operating income	(10,000)	(10,000)	(11,005)	1,005
Gain on Investments	-	-	(35,716)	35,716
Interest expense	743,400	693,400	676,531	16,869
Unamortized debt expense	4,100	4,100	(9,433)	13,533
Disposition (gain) loss	-	(32,500)	(32,445)	(55)
OPEB expense	61,100	41,600	37,848	3,752
<b>Total other (revenues) expenses</b>	<b>6,143,900</b>	<b>6,491,900</b>	<b>6,307,405</b>	<b>184,495</b>
<b>Total expenses</b>	<b>23,590,500</b>	<b>24,344,500</b>	<b>23,921,292</b>	<b>423,208</b>
<b>Income (loss) before capital contributions</b>	<b>(928,700)</b>	<b>(499,700)</b>	<b>(419,009)</b>	<b>80,691</b>
<b>Capital contributions</b>	<b>29,446,924</b>	<b>20,775,724</b>	<b>16,597,341</b>	<b>(4,178,383)</b>
<b>Change in net position</b>	<b>\$ 28,518,224</b>	<b>\$ 20,276,024</b>	<b>\$ 16,178,332</b>	<b>\$ (4,097,692)</b>

**Warren County Water District  
Statement of Net Position by Division**

<i>December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
<b>Assets</b>				
Current assets				
Cash and cash equivalents	\$ 2,105,384	\$ 4,670,057	\$ -	\$ 6,775,441
Accounts receivable:				
Customer accounts receivable, net of allowance for uncollectibles	1,492,638	677,784	-	2,170,422
Accounts receivable – Butler County Water System	137,963	-	-	137,963
Accounts receivable – Simpson County Water District	96,737	597	-	97,334
Accounts receivable – Water Division	-	621,827	(621,827)	-
Accounts receivable – Sewer Division	248,631	-	(248,631)	-
Other accounts receivable	1,769,462	175,712	-	1,945,174
Interest receivable	22,678	51,230	-	73,908
Materials and supplies inventory	2,716,268	-	-	2,716,268
Prepaid expenses	96,327	15,669	-	111,996
<b>Total current assets</b>	<b>8,686,088</b>	<b>6,212,876</b>	<b>(870,458)</b>	<b>14,028,506</b>
Non-current assets				
Utility Plant				
Utility plant in service	155,675,954	87,244,811	-	242,920,765
Construction in progress	11,862,886	1,794,480	-	13,657,366
Less accumulated depreciation	(55,427,824)	(20,395,222)	-	(75,823,046)
<b>Total utility plant, net</b>	<b>112,111,016</b>	<b>68,644,069</b>	<b>-</b>	<b>180,755,085</b>

**Warren County Water District  
Statement of Net Position by Division**

<i>December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
<b>Non-current assets</b>				
Right-to-use lease asset	32,163	-	-	32,163
Restricted cash and equivalents	3,121,758	2,125,207	-	5,246,965
Restricted investments	2,968,329	6,181,820	-	9,150,149
Investments	38,494	3,722,857	-	3,761,351
Accounts receivable:				
Accounts receivable – Butler County Water System	129,688	-	-	129,688
Accounts receivable – Simpson County Water District	90,924	-	-	90,924
Accounts receivable – Sewer Division	163,585	-	(163,585)	-
Other assets	109,924	11,756	-	121,680
<b>Total non-current assets</b>	<b>118,765,881</b>	<b>80,685,709</b>	<b>(163,585)</b>	<b>199,288,005</b>
<b>Total assets</b>	<b>127,451,969</b>	<b>86,898,585</b>	<b>(1,034,043)</b>	<b>213,316,511</b>
<b>Deferred outflows of resources</b>				
Deferred outflows related to retirement security plan	652,744	-	-	652,744
<b>Total deferred outflows of resources</b>	<b>652,744</b>	<b>-</b>	<b>-</b>	<b>652,744</b>

## Warren County Water District Statement of Net Position by Division

<i>December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
<b>Liabilities</b>				
Current liabilities				
Accounts payable	3,189,388	299,209	-	3,488,597
Accounts payable – Butler County Water System	4,122	-	-	4,122
Accounts payable – Simpson County Water District	13,300	-	-	13,300
Accounts payable – Water Division	-	412,216	(412,216)	-
Accounts payable – Sewer Division	621,827	-	(621,827)	-
Accrued expenses	1,251,113	256,654	-	1,507,767
Contractor advances for construction	51,477	63,725	-	115,202
Lease liability	32,163	-	-	32,163
Current portion of long-term debt	4,169,900	8,030,412	-	12,200,312
<b>Total current liabilities</b>	<b>9,333,290</b>	<b>9,062,216</b>	<b>(1,034,043)</b>	<b>17,361,463</b>
Non-current liabilities				
Long-term Obligations				
Bonds and loans payable	928,000	623,000	-	1,551,000
Notes payable	8,589,566	11,066,926	-	19,656,492
Less: Net unamortized bond premium (discount)	63,723	67,995	-	131,718
Less: Current portion of long-term debt	(4,169,900)	(8,030,412)	-	(12,200,312)
<b>Net long-term obligations</b>	<b>5,411,389</b>	<b>3,727,509</b>	<b>-</b>	<b>9,138,898</b>
Customer meter deposits	1,254,829	419,272	-	1,674,101
Rebates payable	2,145,207	1,527,790	-	3,672,997
Unearned revenue for cellular leases	593,112	-	-	593,112
Other post employment benefit obligation	1,139,228	-	-	1,139,228
<b>Total non-current liabilities</b>	<b>10,543,765</b>	<b>5,674,571</b>	<b>-</b>	<b>16,218,336</b>
<b>Total liabilities</b>	<b>19,877,055</b>	<b>14,736,787</b>	<b>(1,034,043)</b>	<b>33,579,799</b>

**Warren County Water District  
Statement of Net Position by Division**

<i>December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
<b>Net Position</b>				
Net investment in capital assets	104,226,688	64,104,755	-	168,331,443
Restricted for depreciation reserves	2,823,920	355,866	-	3,179,786
Restricted for KCED Agreement	356,862	292,433	-	649,295
Unrestricted	820,188	7,408,744	-	8,228,932
<b>Total net position</b>	<b>\$ 108,227,658</b>	<b>\$ 72,161,798</b>	<b>\$ -</b>	<b>\$ 180,389,456</b>



**Warren County Water District**  
**Statement of Revenues, Expenses, and Changes in Net Position by Division**

<i>For the year ended December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
<b>Operating Revenues</b>				
Metered sales				
Residential	\$ 10,017,937	\$ 2,588,134	\$ -	\$ 12,606,071
Industrial	2,971,463	2,690,800	-	5,662,263
Commercial	2,936,393	818,905	-	3,755,298
<b>Total metered sales</b>	<b>15,925,793</b>	<b>6,097,839</b>	<b>-</b>	<b>22,023,632</b>
Forfeited discounts	207,919	84,207	-	292,126
Miscellaneous service revenue	268,138	34,470	-	302,608
<b>Total operating revenues</b>	<b>16,401,850</b>	<b>6,216,516</b>	<b>-</b>	<b>22,618,366</b>
<b>Operating Expenses</b>				
Source of supply expense				
Purchased water	8,149,609	-	-	8,149,609
Sewage disposal	-	3,374,015	-	3,374,015
<b>Total source of supply expense</b>	<b>8,149,609</b>	<b>3,374,015</b>	<b>-</b>	<b>11,523,624</b>
Pumping plant expense				
Power purchased	529,992	157,890	-	687,882
Chemicals	81	30,983	-	31,064
Contractual services	3,634	3,500	-	7,134
Rental expense	4,924	-	-	4,924
Insurance	11,569	5,742	-	17,311
<b>Total pumping plant expense</b>	<b>550,200</b>	<b>198,115</b>	<b>-</b>	<b>748,315</b>

**Warren County Water District**  
**Statement of Revenues, Expenses, and Changes in Net Position by Division**

<i>For the year ended December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
<b>Operating Expenses (Continued)</b>				
Transmission and distribution expense				
Salaries and benefits	1,176,068	213,848	-	1,389,916
Power purchased	12,518	-	-	12,518
Contractual services	232,826	99,295	-	332,121
Rental expense	18,877	-	-	18,877
Transportation	207,279	37,375	-	244,654
Insurance	49,168	3,344	-	52,512
Materials and supplies	298,650	52,128	-	350,778
<b>Total transmission and distribution expense</b>	<b>1,995,386</b>	<b>405,990</b>	<b>-</b>	<b>2,401,376</b>
Customer accounts expense				
Salaries and benefits	826,960	133,173	-	960,133
Contractual services	228,495	67,308	-	295,803
(Recovery) uncollectible accounts - net	20,960	4,463	-	25,423
Rental expense	28,725	-	-	28,725
Transportation	79,805	32	-	79,837
Insurance	5,784	3,344	-	9,128
Miscellaneous	5,243	-	-	5,243
Materials and supplies	17,514	454	-	17,968
<b>Total customer accounts expense</b>	<b>1,213,486</b>	<b>208,774</b>	<b>-</b>	<b>1,422,260</b>

**Warren County Water District**  
**Statement of Revenues, Expenses, and Changes in Net Position by Division**

<i>For the year ended December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
Administrative and general expense				
Salaries and benefits	787,763	158,790	-	946,553
Office supplies	31,108	7,022	-	38,130
Commissioner fees	15,000	15,000	-	30,000
Contractual services	339,370	75,711	-	415,081
Insurance	8,627	5,889	-	14,516
Rental expense	4,924	-	-	4,924
Regulatory commission expense	20,980	8,006	-	28,986
Miscellaneous	50,261	17,780	-	68,041
Transportation	9,716	213	-	9,929
<b>Total administrative and general expense</b>	<b>1,267,749</b>	<b>288,411</b>	<b>-</b>	<b>1,556,160</b>
Depreciation	3,763,349	1,918,276	-	5,681,625
<b>Total operating expenses</b>	<b>16,939,779</b>	<b>6,393,581</b>	<b>-</b>	<b>23,333,360</b>
Operating loss	(537,929)	(177,065)	-	(714,994)
<b>Non-Operating Revenues (Expenses)</b>				
Interest income	259,071	432,358	-	691,429
Rental expense	136,825	(14,876)	-	121,949
Non-utility income	81,540	4	-	81,544
Gain (loss) on investments	(3,996)	39,712	-	35,716
Loss on disposal of assets	32,445	-	-	32,445
Debt issuance cost	2,384	7,049	-	9,433
Interest expense	(304,961)	(371,570)	-	(676,531)
<b>Total non-operating revenues (expenses) - net</b>	<b>203,308</b>	<b>92,677</b>	<b>-</b>	<b>295,985</b>

**Warren County Water District**  
**Statement of Revenues, Expenses, and Changes in Net Position by Division**

<i>For the year ended December 31, 2023</i>	Water Division	Sewer Division	Eliminating Entries	Total
Loss before capital contributions	(334,621)	(84,388)	-	(419,009)
Capital contributions	11,933,972	4,663,369	-	16,597,341
Change in net position	11,599,351	4,578,981	-	16,178,332
Total net position – beginning of year	96,628,307	67,582,817	-	164,211,124
Total net position – end of year	\$ 108,227,658	\$ 72,161,798	\$ -	\$ 180,389,456



# REPORTS ON INTERNAL CONTROL AND COMPLIANCE MATTERS



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

Board of Commissioners  
Warren County Water District  
Bowling Green, 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 Warren County Water District (the "District"), a component unit of Warren County, Kentucky, as of and for the year ended December 31, 2023, and the related notes to the financial statements, which collectively comprise the District's basic financial statements, and have issued our report thereon dated April 18, 2024.

**Report on Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the 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. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses or significant deficiencies may exist that were not identified.

### **Report on Compliance and Other Matters**

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

### **Purpose of this Report**

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

*Carr, Riggs & Ingram, L.L.C.*

CARR, RIGGS & INGRAM, LLC  
Bowling Green, Kentucky  
April 18, 2024



# THOUGHT LEADERSHIP





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### CRI's CEO ACTION FOR DIVERSITY AND INCLUSION

Carr, Riggs & Ingram is committed to fostering an inclusive and diverse place for all employees to work in and engage. When our managing partner and chairman, Bill Carr, signed the CEO Action for Diversity & Inclusion™ pledge, he made a public commitment to building a productive, diverse, and inclusive workplace. [Learn more about CRI's commitment to Diversity and Inclusion.](#)

# **EXHIBIT 14**

**Exhibit\_014\_DepreciationSchedule.xlsx is embedded in this  
Application and has also been filed separately**

# **EXHIBIT 15**

**COMPUTER SOFTWARE USED TO DEVELOP  
APPLICATION AND EXHIBITS**

<p style="text-align: center;"><b>Software</b></p>	<p>Microsoft Word Microsoft Excel 365 Acrobat Reader DC Kofax Power PDF CIS Infinity Sage 100</p>
<p style="text-align: center;"><b>Uses for Application</b></p>	<p><b>Microsoft Word:</b> Word processing; preparation of exhibits <b>Microsoft Excel:</b> preparation of rate study, billing analysis; recording/extraction of financial information <b>Adobe Acrobat Pro DC:</b> conversion of electronic documents into format acceptable for electronic filing with Public Service Commission; viewing documents in portable document format <b>Adobe Acrobat Reader DC:</b> viewing documents in portable document format <b>Kofax Power PDF Advanced:</b> conversion of electronic documents into format acceptable for electronic filing with Public Service Commission; viewing documents in portable document format <b>Sage 100:</b> ledger/financial management <b>CIS Infinity:</b> customer billing</p>
<p style="text-align: center;"><b>Description of Software</b></p>	<p><b>Microsoft Word:</b> Word processing software <b>Microsoft Excel:</b> Spreadsheet software <b>Adobe Acrobat Pro DC:</b> Publishing software <b>Adobe Acrobat Reader DC:</b> PDF viewing software <b>Kofax Power PDF:</b> Publishing Software <b>Sage 100:</b> Financial/Operations recordkeeping software <b>CIS Infinity:</b> customer billing</p>
<p style="text-align: center;"><b>Software Suppliers</b></p>	<p><b>Microsoft:</b> Word, Excel <b>Adobe:</b> Acrobat Pro DC; Acrobat Reader DC <b>Kofax:</b> Kofax Power PDF Advanced <b>Advanced Utility Systems:</b> CIS Infinity <b>Sage Group pllc:</b> Sage 100</p>
<p style="text-align: center;"><b>Minimum Specifications To Operate All Listed Software</b></p>	<p><b>Computer/Processor:</b> 1 gigahertz (GHz) or faster x86-bit or x64-bit processor with SSE2 <b>Memory:</b> 1 GB RAM <b>Hard disk:</b> 3.0 GB of available disk space <b>Display:</b> 1366 x 768 screen resolution <b>Operating system:</b> Windows 7 or higher</p>

# **EXHIBIT 16**

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
January 31, 2023

	<u>Activity</u>	<u>Balance</u>
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	-	78,249,164
Construction Work in Progress	(62,809)	5,359,702
Less Accumulated Depreciation	<u>(155,434)</u>	<u>(18,932,104)</u>
<b>TOTAL UTILITY PLANT</b>	<u>(218,243)</u>	<u>64,676,761</u>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
<b>Depreciation Reserve</b>	<b>2,103,770</b>	<b>5,211,132</b>
Sinking Funds:		
KIA Loan, Buchanon Park	(52)	2,112
KIA Loan, Plum Springs Rehabilitation	10,210	17,975
USDA, Series 2019	(12,487)	10,026
KRWFC Loan, Series 2021A	(107,449)	14,255
KRWFC Loan, Series 2021A	<u>(73,767)</u>	<u>436,695</u>
<b>Total Sinking Funds</b>	<b>(183,545)</b>	<b>481,063</b>
Debt Service Reserve	-	-
Special Funds:		
Lift Station Rehabilitation - Three Springs	(150,000)	-
Lift Station Replacement - LS 1	(300,000)	-
AMR \ AMI System	(206,200)	200,000
System Improvements - Miscellaneous	(200,000)	-
I&I Improvements	(125,000)	-
Office \ Warehouse Renovations	(544,490)	-
Pioneer Dr Force Main Improvements	(550,000)	-
Construction Accounts	(469,815)	7,286,297
Letter of Credit (KEDFA)	329	288,888
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<u>(2,545,176)</u>	<u>8,190,306</u>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u>(624,951)</u>	<u>13,882,501</u>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	67,708	2,333,408
Accounts Receivable - Customer	41,192	697,344
Accounts Receivable - Misc	(110,029)	504,202
Prepayments	(1,572)	11,803
Deferred Debits	10,227	81,298
Other Current Assets	(14,731)	27,574
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<u>(7,205)</u>	<u>3,655,629</u>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<u>(850,400)</u>	<u>82,214,892</u>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
January 31, 2023

	<u>Activity</u>	<u>Balance</u>
LIABILITIES AND OTHER CREDITS		
CAPITAL:		
Contributions in Aid of Construction	59,890	61,490,681
Customer Advance for Construction	<u>(50,000)</u>	<u>1,633,827</u>
<b>TOTAL CAPITAL</b>	<u>9,890</u>	<u>63,124,507</u>
LONG TERM DEBT:		
Bonds Held by Public:		
USDA (RD), Series 2019	(7,500)	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,336)	490,005
KIA Loan, Plum Springs Rehabilitation	-	1,833,884
KRWFC Loan, Series 2013B	(9,871)	41,229
KRWFC Loan, Series 2021A	(100,000)	1,070,000
KRWFC Loan, Series 2022D	<u>(500,000)</u>	<u>7,754,620</u>
Total Long Term Loans	<u>(613,207)</u>	<u>11,189,738</u>
<b>TOTAL LONG TERM DEBT</b>	<u>(620,707)</u>	<u>11,812,738</u>
CURRENT AND ACCRUED LIABILITIES:		
Accounts Payable - General	(139,889)	733,296
Customer Deposits	1,374	395,227
Interest - Customer Deposits	412	412
Taxes and Equivalents	198	12,721
Deferred Credits	<u>(1,022)</u>	<u>79,232</u>
Total Current Liabilities	<u>(138,927)</u>	<u>1,220,888</u>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,332
KRWFC Loan, Series 2013B	(655)	-
KIA Loan, Plum Springs Rehabilitation	3,009	6,067
USDA, Series 2019	(6,254)	1,235
KRWFC Loan, Series 2021A	(16,191)	65
KRWFC Loan, Series 2022D	(50,292)	-
KRWFC Loan, Series 2022D (Arbitrage)	<u>4,820</u>	<u>4,820</u>
Total Interest Accrued - Long Term Debt	<u>(65,564)</u>	<u>13,518</u>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<u>(204,491)</u>	<u>1,234,406</u>
ACCUMULATED EARNINGS:		
Beginning of Year		6,078,332
Current Year to Date	<u>(35,091)</u>	<u>(35,091)</u>
<b>TOTAL ACCUMULATED EARNINGS</b>	<u>(35,091)</u>	<u>6,043,240</u>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<u>(850,400)</u>	<u>82,214,892</u>



WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
January 31, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
<b>Metered Revenue</b>	<b>\$479,043</b>	<b>\$457,147</b>	<b>\$21,896</b>	4.8%	<b>\$479,043</b>	<b>\$457,147</b>	<b>\$21,896</b>	4.8%
Forfeited Discounts	6,726	10,480	(3,754)	-35.8%	6,726	10,480	(3,754)	-35.8%
Miscellaneous Service Revenue	2,038	1,998	40	2.0%	2,038	1,998	40	2.0%
Other Water Revenue	50	50	0	0.0%	50	50	0	0.0%
Interest Income	25,530	3,833	21,697	566.1%	25,530	3,833	21,697	566.1%
Rental Income	(5,466)	323	(5,789)	-1,793.5%	(5,466)	323	(5,789)	-1,793.5%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>507,920</b>	<b>473,830</b>	<b>34,090</b>	<b>7.2%</b>	<b>507,920</b>	<b>473,830</b>	<b>34,090</b>	<b>7.2%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	27,381	23,984	3,397	14.2%	27,381	23,984	3,397	14.2%
Commissioner Fees	1,250	1,250	0	0.0%	1,250	1,250	0	0.0%
Employee Overhead	14,916	13,271	1,645	12.4%	14,916	13,271	1,645	12.4%
Sewage Disposal	271,976	284,672	(12,696)	-4.5%	271,976	284,672	(12,696)	-4.5%
Purchased Power	13,885	13,229	657	5.0%	13,885	13,229	657	5.0%
Chemicals	3,790	849	2,941	346.5%	3,790	849	2,941	346.5%
Materials & Supplies	(575)	1,868	(2,442)	-130.8%	(575)	1,868	(2,442)	-130.8%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,050	1,000	50	5.0%	1,050	1,000	50	5.0%
Contractual Servs - Legal	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Other	13,430	11,517	1,913	16.6%	13,430	11,517	1,913	16.6%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	2,795	3,311	(515)	-15.6%	2,795	3,311	(515)	-15.6%
Insurance - General Liability	1,103	1,007	96	9.6%	1,103	1,007	96	9.6%
Insurance - Other	212	212	0	0.0%	212	212	0	0.0%
Regulatory Expense	690	820	(130)	-15.8%	690	820	(130)	-15.8%
Bad Debt Expense	(223)	221	(444)	-200.8%	(223)	221	(444)	-200.8%
Miscellaneous Expenses	1,282	389	893	229.8%	1,282	389	893	229.8%
<b>SUBTOTAL - Operating Expenses</b>	<b>352,963</b>	<b>357,599</b>	<b>(4,636)</b>	<b>-1.3%</b>	<b>352,963</b>	<b>357,599</b>	<b>(4,636)</b>	<b>-1.3%</b>
<b>OTHER EXPENSES:</b>								
<b>Depreciation</b>	<b>155,434</b>	<b>121,409</b>	<b>34,025</b>	28.0%	<b>155,434</b>	<b>121,409</b>	<b>34,025</b>	28.0%
Misc Non-Operating Income	0	0	0	0.0%	0	0	0	0.0%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	33,453	8,139	25,313	311.0%	33,453	8,139	25,313	311.0%
Debt Expense	0	102	(102)	-100.0%	0	102	(102)	-100.0%
OPEB Expense	1,162	867	295	34.0%	1,162	867	295	34.0%
<b>Subtotal - Other Expenses</b>	<b>190,048</b>	<b>130,518</b>	<b>59,531</b>	<b>45.6%</b>	<b>190,048</b>	<b>130,518</b>	<b>59,531</b>	<b>45.6%</b>
<b>TOTAL Expenses</b>	<b>543,011</b>	<b>488,116</b>	<b>54,895</b>	<b>11.2%</b>	<b>543,011</b>	<b>488,116</b>	<b>54,895</b>	<b>11.2%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$35,091)</b>	<b>(\$14,286)</b>	<b>(\$20,805)</b>	<b>-145.6%</b>	<b>(\$35,091)</b>	<b>(\$14,286)</b>	<b>(\$20,805)</b>	<b>-145.6%</b>

Reviewed by: CDApproved by: JPDate Finalized: 2/16/23

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 January 2023

	MONTH		YEAR TO DATE	
	January 2023	January 2022	January 2023	January 2022
TOTAL GALLONS DISPOSED	86,935,000	94,425,000	86,935,000	94,425,000
GALLONS SOLD:				
Residential	34,207,673	32,112,049	34,207,673	32,112,049
Commercial	74,138,820	74,615,372	74,138,820	74,615,372
TOTAL Sold	108,346,493	106,727,421	108,346,493	106,727,421
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	21,411,493	12,302,421	21,411,493	12,302,421
<b>PERCENTAGE DISPOSED</b>	<b>80.2%</b>	<b>88.5%</b>	80.2%	88.5%
PRECIPITATION	3.00	4.30	3.00	4.30
<b>NEW SEWER APPLICATIONS</b>	<b>31</b>	<b>27</b>	31	27
CUSTOMERS BILLED:				
Residential	8,790	8,172	8,790	8,172
Commercial	825	788	825	788
TOTAL Billed	9,615	8,960	9,615	8,960
AVG GALLONS PER CUSTOMER:				
Residential	3,892	3,930	3,892	3,930
Commercial	89,865	94,690	89,865	94,690
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$23.24	\$23.48	\$23.24	\$23.48
Commercial	\$333.02	\$336.62	\$333.02	\$336.62
MILES OF COLLECTION MAIN ADDED	2.390	-	218.720	210.620
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	44.0	42.5	44.0	42.5
COST PER 1,000 GALLONS	\$5.0118	\$4.5735	\$5.0118	\$4.5735
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by:           DW            
 Approved by:           JP            
 Date Finalized:           2/16/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
January 31, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$479,043	\$457,147	\$481,800	(\$2,757)	-0.6%	\$479,043	\$457,147	\$481,800	(\$2,757)	-0.6%
Forfeited Discounts	6,726	10,480	8,100	(1,374)	-17.0%	6,726	10,480	8,100	(1,374)	-17.0%
Miscellaneous Service Revenue	2,038	1,998	3,300	(1,263)	-38.3%	2,038	1,998	3,300	(1,263)	-38.3%
Other Water Revenue	50	50	50	0	0.0%	50	50	50	0	0.0%
Interest Income	25,530	3,833	26,700	(1,170)	-4.4%	25,530	3,833	26,700	(1,170)	-4.4%
Rental Income - Office Building	(5,466)	323	1,500	(6,966)	-464.4%	(5,466)	323	1,500	(6,966)	-464.4%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>507,920</b>	<b>473,830</b>	<b>521,450</b>	<b>(13,530)</b>	<b>-2.6%</b>	<b>507,920</b>	<b>473,830</b>	<b>521,450</b>	<b>(13,530)</b>	<b>-2.6%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	27,381	23,984	31,200	(3,819)	-12.2%	27,381	23,984	31,200	(3,819)	-12.2%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	1,250	1,250	1,250	0	0.0%
Fringe Benefits	14,916	13,271	18,200	(3,284)	-18.0%	14,916	13,271	18,200	(3,284)	-18.0%
Sewage Disposal	271,976	284,672	304,900	(32,924)	-10.8%	271,976	284,672	304,900	(32,924)	-10.8%
Purchased Power	13,885	13,229	16,100	(2,215)	-13.8%	13,885	13,229	16,100	(2,215)	-13.8%
Chemicals	3,790	849	3,800	(10)	-0.3%	3,790	849	3,800	(10)	-0.3%
Materials & Supplies	(575)	1,868	3,120	(3,695)	-118.4%	(575)	1,868	3,120	(3,695)	-118.4%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,050	1,000	1,180	(130)	-11.0%	1,050	1,000	1,180	(130)	-11.0%
Contractual Servs - Legal	0	0	1,200	(1,200)	-100.0%	0	0	1,200	(1,200)	-100.0%
Contractual Servs - Other	13,430	11,517	14,240	(810)	-5.7%	13,430	11,517	14,240	(810)	-5.7%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	2,795	3,311	4,100	(1,305)	-31.8%	2,795	3,311	4,100	(1,305)	-31.8%
Insurance - General Liability	1,103	1,007	1,100	3	0.3%	1,103	1,007	1,100	3	0.3%
Insurance - Other	212	212	210	2	1.0%	212	212	210	2	1.0%
Regulatory Expense	690	820	900	(210)	-23.3%	690	820	900	(210)	-23.3%
Bad Debt Expense	(223)	221	250	(473)	-189.2%	(223)	221	250	(473)	-189.2%
Miscellaneous Expenses	1,282	389	700	582	83.2%	1,282	389	700	582	83.2%
<b>SUBTOTAL - Operating Expense:</b>	<b>352,963</b>	<b>357,599</b>	<b>402,450</b>	<b>(49,487)</b>	<b>-12.3%</b>	<b>352,963</b>	<b>357,599</b>	<b>402,450</b>	<b>(49,487)</b>	<b>-12.3%</b>
<b>OTHER EXPENSES</b>										
Depreciation	155,434	121,409	157,500	(2,066)	-1.3%	155,434	121,409	157,500	(2,066)	-1.3%
Misc Non-Operating Income	0	0	0	0	0.0%	0	0	0	0	0.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	33,453	8,139	32,300	1,153	3.6%	33,453	8,139	32,300	1,153	3.6%
Debt Expense	0	102	0	0	0.0%	0	102	0	0	0.0%
OPEB Expense	1,162	867	1,100	62	5.6%	1,162	867	1,100	62	5.6%
<b>SUBTOTAL - Other Expenses</b>	<b>190,048</b>	<b>130,518</b>	<b>190,900</b>	<b>(852)</b>	<b>-0.4%</b>	<b>190,048</b>	<b>130,518</b>	<b>190,900</b>	<b>(852)</b>	<b>-0.4%</b>
<b>TOTAL Expenses</b>	<b>543,011</b>	<b>488,116</b>	<b>593,350</b>	<b>(50,339)</b>	<b>-8.5%</b>	<b>543,011</b>	<b>488,116</b>	<b>593,350</b>	<b>(50,339)</b>	<b>-8.5%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$35,091)</b>	<b>(\$14,286)</b>	<b>(\$71,900)</b>	<b>\$36,809</b>	<b>51.2%</b>	<b>(\$35,091)</b>	<b>(\$14,286)</b>	<b>(\$71,900)</b>	<b>\$36,809</b>	<b>51.2%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
February 28, 2023

	<u>Activity</u>	<u>Balance</u>
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT</b>		
Utility Plant in Service	-	78,249,164
Construction Work in Progress	98,894	5,459,093
Less Accumulated Depreciation	(155,434)	(19,087,538)
<b>TOTAL UTILITY PLANT</b>	<u>(56,540)</u>	<u>64,620,718</u>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	29,070	5,240,202
Sinking Funds:		
KIA Loan, Buchanan Park	49	2,161
KIA Loan, Plum Springs Rehabilitation	10,500	28,475
USDA, Series 2019	1,920	11,946
KRWFC Loan, Series 2021A	12,096	26,351
KRWFC Loan, Series 2021A	1,767	438,462
<b>Total Sinking Funds</b>	<u>26,332</u>	<u>507,395</u>
Debt Service Reserve	-	-
Special Funds:		
AMR \ AMI System	-	200,000
Construction Accounts	7,478	7,293,775
Letter of Credit (KEDFA)	297	289,185
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<u>7,775</u>	<u>8,198,081</u>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u>63,178</u>	<u>13,945,679</u>
<b>CURRENT AND ACCRUED ASSETS</b>		
Cash - General Operations	(55,633)	2,277,775
Accounts Receivable - Customer	(18,782)	735,423
Accounts Receivable - Misc	7,053	511,988
Prepayments	(1,572)	10,231
Deferred Debits	12,841	70,815
Other Current Assets	(984)	27,170
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<u>(57,077)</u>	<u>3,633,402</u>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<u>(50,440)</u>	<u>82,199,799</u>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
February 28, 2023

	<u>Activity</u>	<u>Balance</u>
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	36,000	61,563,537
Customer Advance for Construction	-	1,596,970
<b>TOTAL CAPITAL</b>	<u>36,000</u>	<u>63,160,507</u>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,344)	486,669
KIA Loan, Plum Springs Rehabilitation	-	1,833,884
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,344)</u>	<u>11,186,402</u>
<b>TOTAL LONG TERM DEBT</b>	<u>(3,344)</u>	<u>11,809,402</u>
<b>CURRENT AND ACCRUED LIABILITIES</b>		
Accounts Payable - General	(82,432)	692,040
Customer Deposits	1,660	396,887
Interest - Customer Deposits	412	824
Taxes and Equivalents	(209)	12,512
Deferred Credits	(1,022)	78,211
Total Current Liabilities	<u>(81,590)</u>	<u>1,180,473</u>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	108	98
KIA Loan, Plum Springs Rehabilitation	3,009	9,074
USDA, Series 2019	1,233	2,466
KRWFC Loan, Series 2021A	2,927	2,996
KRWFC Loan, Series 2022D	23,117	35,690
KRWFC Loan, Series 2022D (Arbitrage)	4,836	9,656
Total Interest Accrued - Long Term Debt	<u>35,230</u>	<u>61,213</u>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<u>(46,360)</u>	<u>1,241,686</u>
<b>ACCUMULATED EARNINGS</b>		
Beginning of Year		6,060,030
Current Year to Date	(36,736)	(71,827)
<b>TOTAL ACCUMULATED EARNINGS</b>	<u>(36,736)</u>	<u>5,988,203</u>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<u>(50,440)</u>	<u>82,199,799</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
February 28, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$467,374	\$433,774	\$33,600	7.7%	\$946,417	\$890,921	\$55,496	6.2%
Forfeited Discounts	7,803	5,020	2,783	55.4%	14,529	15,500	(972)	-6.3%
Miscellaneous Service Revenue	2,458	1,820	638	35.0%	4,495	3,818	678	17.7%
Other Water Revenue	50	50	0	0.0%	100	100	0	0.0%
Interest Income	30,747	3,418	27,330	799.7%	56,277	7,250	49,027	676.2%
Rental Income	2,172	1,947	225	11.6%	(3,294)	2,269	(5,564)	-245.1%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>510,604</b>	<b>446,028</b>	<b>64,576</b>	<b>14.5%</b>	<b>1,018,624</b>	<b>919,859</b>	<b>98,765</b>	<b>10.7%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	27,646	22,868	4,778	20.9%	55,026	46,852	8,175	17.4%
Commissioner Fees	1,250	1,250	0	0.0%	2,500	2,500	0	0.0%
Employee Overhead	15,060	12,654	2,407	19.0%	29,976	25,924	4,052	15.6%
Sewage Disposal	274,632	252,426	22,106	8.8%	546,508	537,099	9,410	1.8%
Purchased Power	14,207	13,152	1,056	8.0%	28,093	26,380	1,712	6.5%
Chemicals	3,523	4,508	(985)	-21.8%	7,313	5,357	1,956	36.5%
Materials & Supplies	2,154	3,575	(1,421)	-39.8%	1,579	5,443	(3,864)	-71.0%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,050	1,000	50	5.0%	2,100	2,000	100	5.0%
Contractual Servs - Legal	18	336	(317)	-94.5%	18	336	(317)	-94.5%
Contractual Servs - Other	14,559	11,054	3,505	31.7%	27,989	22,571	5,417	24.0%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	2,918	2,548	370	14.5%	5,713	5,858	(145)	-2.5%
Insurance - General Liability	1,103	1,007	96	9.6%	2,207	2,014	193	9.6%
Insurance - Other	212	212	(0)	0.0%	424	424	(0)	0.0%
Regulatory Expense	690	820	(130)	-15.8%	1,380	1,640	(260)	-15.8%
Bad Debt Expense	(29)	65	(94)	-143.7%	(252)	286	(538)	-187.8%
Miscellaneous Expenses	832	388	443	114.2%	2,114	777	1,337	172.0%
<b>SUBTOTAL - Operating Expenses</b>	<b>359,726</b>	<b>327,863</b>	<b>31,864</b>	<b>9.7%</b>	<b>712,689</b>	<b>685,461</b>	<b>27,228</b>	<b>4.0%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	155,434	121,460	33,974	28.0%	310,868	242,869	67,999	28.0%
Misc Non-Operating Income	0	0	0	0.0%	0	0	0	0.0%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	31,017	8,130	22,887	281.5%	64,470	16,270	48,200	296.3%
Debt Expense	0	(102)	102	100.0%	0	0	0	0.0%
OPEB Expense	1,162	698	464	66.5%	2,324	1,565	759	48.5%
<b>Subtotal - Other Expenses</b>	<b>187,613</b>	<b>130,186</b>	<b>57,427</b>	<b>44.1%</b>	<b>377,662</b>	<b>260,704</b>	<b>116,958</b>	<b>44.9%</b>
<b>TOTAL Expenses</b>	<b>547,340</b>	<b>458,049</b>	<b>89,291</b>	<b>19.5%</b>	<b>1,090,351</b>	<b>946,165</b>	<b>144,186</b>	<b>15.2%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$36,736)</b>	<b>(\$12,020)</b>	<b>(\$24,715)</b>	<b>-205.6%</b>	<b>(\$71,827)</b>	<b>(\$26,306)</b>	<b>(\$45,521)</b>	<b>-173.0%</b>

Reviewed by: CDApproved by: JPDate Finalized: 3/16/23

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 February 2023

	MONTH		YEAR TO DATE	
	February 2023	February 2022	February 2023	February 2022
TOTAL GALLONS DISPOSED	87,752,000	83,729,000	174,687,000	178,154,000
GALLONS SOLD:				
Residential	32,512,485	29,740,667	66,720,158	61,852,716
Commercial	72,654,923	70,366,607	146,793,743	144,981,979
TOTAL Sold	105,167,408	100,107,274	213,513,901	206,834,695
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	17,415,408	16,378,274	38,826,901	28,680,695
PERCENTAGE DISPOSED	83.4%	83.6%	81.8%	86.1%
PRECIPITATION	4.70	5.80	7.70	10.10
NEW SEWER APPLICATIONS	37	43	68	70
CUSTOMERS BILLED:				
Residential	8,857	8,155	17,647	16,327
Commercial	819	794	1,644	1,582
TOTAL Billed	9,676	8,949	19,291	17,909
AVG GALLONS PER CUSTOMER:				
Residential	3,671	3,647	3,781	3,788
Commercial	88,712	88,623	89,291	91,645
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$22.13	\$22.13	\$22.68	\$22.81
Commercial	\$331.36	\$319.05	\$332.19	\$327.80
MILES OF COLLECTION MAIN ADDED	-	-	218.720	210.620
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	44.2	42.5	44.2	42.5
COST PER 1,000 GALLONS	\$5.2045	\$4.5756	\$5.1067	\$4.5745
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by:           DW            
 Approved by:           JP            
 Date Finalized:           03/16/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
February 28, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE</b>										
Metered Revenue	\$467,374	\$433,774	\$456,900	\$10,474	2.3%	\$946,417	\$890,921	\$938,700	\$7,717	0.8%
Forfeited Discounts	7,803	5,020	7,700	103	1.3%	14,529	15,500	15,800	(1,271)	-8.0%
Miscellaneous Service Revenue	2,458	1,820	3,100	(643)	-20.7%	4,495	3,818	6,400	(1,905)	-29.8%
Other Water Revenue	50	50	50	(0)	0.0%	100	100	100	0	0.0%
Interest Income	30,747	3,418	24,200	6,547	27.1%	56,277	7,250	50,900	5,377	10.6%
Rental Income - Office Building	2,172	1,947	1,500	672	44.8%	(3,294)	2,269	3,000	(6,294)	-209.8%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>510,604</b>	<b>446,028</b>	<b>493,460</b>	<b>17,154</b>	<b>3.5%</b>	<b>1,018,524</b>	<b>919,859</b>	<b>1,014,900</b>	<b>3,624</b>	<b>0.4%</b>
<b>OPERATING EXPENSES</b>										
Salaries and Wages	27,646	22,868	27,000	646	2.4%	55,026	46,852	58,200	(3,174)	-5.5%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	2,500	2,500	2,500	0	0.0%
Fringe Benefits	15,060	12,654	15,700	(640)	-4.1%	29,976	25,924	33,900	(3,924)	-11.6%
Sewage Disposal	274,532	252,426	270,400	4,132	1.5%	546,508	537,099	575,300	(28,792)	-5.0%
Purchased Power	14,207	13,152	14,200	7	0.1%	28,093	26,380	30,300	(2,207)	-7.3%
Chemicals	3,523	4,508	3,300	223	6.8%	7,313	5,357	7,100	213	3.0%
Materials & Supplies	2,154	3,575	3,220	(1,066)	-33.1%	1,579	5,443	6,340	(4,761)	-75.1%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,050	1,000	1,180	(130)	-11.0%	2,100	2,000	2,360	(260)	-11.0%
Contractual Servs - Legal	18	336	1,200	(1,182)	-98.5%	18	336	2,400	(2,382)	-99.2%
Contractual Servs - Other	14,559	11,054	14,240	319	2.2%	27,989	22,571	28,480	(491)	-1.7%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	2,918	2,548	3,500	(583)	-16.6%	5,713	5,858	7,600	(1,887)	-24.8%
Insurance - General Liability	1,103	1,007	1,100	3	0.3%	2,207	2,014	2,200	7	0.3%
Insurance - Other	212	212	210	2	1.0%	424	424	420	4	1.0%
Regulatory Expense	690	820	900	(210)	-23.3%	1,380	1,640	1,800	(420)	-23.3%
Bad Debt Expense	(29)	65	250	(279)	-111.4%	(252)	286	500	(752)	-150.3%
Miscellaneous Expenses	832	388	700	132	18.8%	2,114	777	1,400	714	51.0%
<b>SUBTOTAL - Operating Expense:</b>	<b>359,726</b>	<b>327,863</b>	<b>358,350</b>	<b>1,376</b>	<b>0.4%</b>	<b>712,689</b>	<b>685,461</b>	<b>760,800</b>	<b>(48,111)</b>	<b>-6.3%</b>
<b>OTHER EXPENSES</b>										
Depreciation	155,434	121,460	157,900	(2,466)	-1.6%	310,868	242,869	315,400	(4,532)	-1.4%
Misc Non-Operating Income	0	0	0	0	0.0%	0	0	0	0	0.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	31,017	8,130	32,300	(1,283)	-4.0%	64,470	16,270	64,600	(130)	-0.2%
Debt Expense	0	(102)	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	1,162	698	1,100	62	5.6%	2,324	1,565	2,200	124	5.6%
<b>SUBTOTAL - Other Expenses</b>	<b>187,613</b>	<b>130,186</b>	<b>191,300</b>	<b>(3,687)</b>	<b>-1.9%</b>	<b>377,662</b>	<b>260,704</b>	<b>382,200</b>	<b>(4,538)</b>	<b>-1.2%</b>
<b>TOTAL Expenses</b>	<b>547,340</b>	<b>458,049</b>	<b>549,650</b>	<b>(2,310)</b>	<b>-0.4%</b>	<b>1,090,351</b>	<b>946,165</b>	<b>1,143,000</b>	<b>(52,649)</b>	<b>-4.6%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$36,736)</b>	<b>(\$12,020)</b>	<b>(\$56,200)</b>	<b>\$19,464</b>	<b>34.6%</b>	<b>(\$71,827)</b>	<b>(\$26,306)</b>	<b>(\$128,100)</b>	<b>\$56,273</b>	<b>43.9%</b>



WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Balance Sheet  
March 31, 2023

	<u>Activity</u>	<u>Balance</u>
ASSETS AND OTHER DEBITS		
UTILITY PLANT:		
Utility Plant in Service	-	78,249,164
Construction Work in Progress	173,894	5,594,672
Less Accumulated Depreciation	(155,434)	(19,242,972)
TOTAL UTILITY PLANT	<u>18,460</u>	<u>64,600,863</u>
OTHER PROPERTY AND INVESTMENTS		
<b>Depreciation Reserve</b>	<b>1,029,607</b>	6,269,809
Sinking Funds:		
KIA Loan, Buchanan Park	50	2,211
KIA Loan, Plum Springs Rehabilitation	10,500	38,975
USDA, Series 2019	1,920	13,866
KRWFC Loan, Series 2021A	11,704	38,055
KRWFC Loan, Series 2021A	1,443	439,905
Total Sinking Funds	<u>25,616</u>	<u>533,012</u>
Debt Service Reserve	-	-
Special Funds:		
AMR \ AMI System	-	200,000
Construction Accounts	16,164	7,309,939
Letter of Credit (KEDFA)	329	289,514
Customer Deposits	-	415,122
Total Special Funds	<u>16,493</u>	<u>8,214,574</u>
TOTAL OTHER PROPERTY AND INVESTMENTS	<u>1,071,716</u>	<u>15,017,395</u>
CURRENT AND ACCRUED ASSETS:		
<b>Cash - General Operations</b>	<b>(1,020,121)</b>	1,257,654
Accounts Receivable - Customer	(23,881)	711,542
Accounts Receivable - Misc	190,114	702,103
Prepayments	(1,572)	8,659
Deferred Debits	(47,652)	23,163
Other Current Assets	4,802	31,972
TOTAL CURRENT AND ACCRUED ASSETS	<u>(898,309)</u>	<u>2,735,093</u>
TOTAL ASSETS AND OTHER DEBITS	<u>191,866</u>	<u>82,353,350</u>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
 Balance Sheet  
 March 31, 2023

	<u>Activity</u>	<u>Balance</u>
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	186,913	61,750,450
Customer Advance for Construction	<u>(7,200)</u>	<u>1,589,770</u>
<b>TOTAL CAPITAL</b>	<u>179,713</u>	<u>63,340,221</u>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,353)	483,316
KIA Loan, Plum Springs Rehabilitation	-	1,833,884
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,353)</u>	<u>11,183,049</u>
<b>TOTAL LONG TERM DEBT</b>	<u>(3,353)</u>	<u>11,806,049</u>
<b>CURRENT AND ACCRUED LIABILITIES</b>		
Accounts Payable - General	32,452	631,040
Customer Deposits	2,640	399,527
Interest - Customer Deposits	(824)	-
Taxes and Equivalents	975	13,487
Deferred Credits	<u>(1,022)</u>	<u>77,189</u>
Total Current Liabilities	34,222	1,121,243
Interest Accrued - Long Term Debt		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	108	206
KIA Loan, Plum Springs Rehabilitation	3,009	12,083
USDA, Series 2019	1,233	3,699
KRWFC Loan, Series 2021A	2,927	5,923
KRWFC Loan, Series 2022D	23,117	58,807
KRWFC Loan, Series 2022D (Arbitrage)	<u>7,282</u>	<u>16,936</u>
Total Interest Accrued - Long Term Debt	37,676	98,890
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<u>71,898</u>	<u>1,220,133</u>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,115,167
Current Year to Date	<u>(56,392)</u>	<u>(128,219)</u>
<b>TOTAL ACCUMULATED EARNINGS</b>	<u>(56,392)</u>	<u>5,986,948</u>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<u>191,866</u>	<u>82,353,350</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
March 31, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE</b>								
<b>Metered Revenue</b>	<b>\$477,298</b>	<b>\$421,785</b>	<b>\$55,512</b>	13.2%	<b>\$1,423,714</b>	<b>\$1,312,706</b>	<b>\$111,008</b>	8.5%
Forfeited Discounts	4,678	9,834	(5,156)	-52.4%	19,207	25,334	(6,128)	-24.2%
Miscellaneous Service Revenue	2,658	2,850	(193)	-6.8%	7,153	6,668	485	7.3%
Other Water Revenue	50	50	(0)	-0.1%	150	150	(0)	0.0%
Interest Income	29,292	2,008	27,284	1,359.1%	85,569	9,258	76,311	824.3%
Rental Income	52	972	(920)	-94.6%	(3,242)	3,242	(6,484)	-200.0%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>514,027</b>	<b>437,499</b>	<b>76,528</b>	17.5%	<b>1,532,551</b>	<b>1,357,358</b>	<b>175,193</b>	12.9%
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	29,034	28,944	90	0.3%	84,060	75,795	8,265	10.9%
Commissioner Fees	1,250	1,250	0	0.0%	3,750	3,750	0	0.0%
Employee Overhead	15,819	16,015	(196)	-1.2%	45,795	41,940	3,855	9.2%
Sewage Disposal	285,357	243,337	42,020	17.3%	831,865	780,436	51,429	6.6%
Purchased Power	12,947	11,783	1,164	9.9%	41,040	38,163	2,876	7.5%
Chemicals	3,523	4,508	(985)	-21.8%	10,836	9,865	972	9.8%
Materials & Supplies	4,838	1,925	2,914	151.4%	6,418	7,368	(950)	-12.9%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,050	1,000	50	5.0%	3,150	3,000	150	5.0%
Contractual Servs - Legal	553	0	553	100.0%	572	336	236	70.4%
Contractual Servs - Other	18,915	14,860	4,055	27.3%	46,904	37,432	9,472	25.3%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	3,640	3,577	64	1.8%	9,353	9,435	(82)	-0.9%
Insurance - General Liability	1,103	1,007	96	9.6%	3,310	3,022	289	9.6%
Insurance - Other	212	212	(0)	0.0%	636	636	(0)	0.0%
Regulatory Expense	690	820	(130)	-15.8%	2,070	2,459	(389)	-15.8%
Bad Debt Expense	554	183	371	202.7%	302	469	(167)	-35.6%
Miscellaneous Expenses	831	263	568	216.4%	2,945	1,040	1,905	183.2%
<b>SUBTOTAL - Operating Expenses</b>	<b>380,317</b>	<b>329,683</b>	<b>50,634</b>	15.4%	<b>1,093,006</b>	<b>1,015,145</b>	<b>77,861</b>	7.7%
<b>OTHER EXPENSES:</b>								
<b>Depreciation</b>	<b>185,434</b>	<b>121,440</b>	<b>33,994</b>	28.0%	<b>466,302</b>	<b>364,309</b>	<b>101,993</b>	28.0%
Misc Non-Operating Income	(2)	0	(2)	-100.0%	(2)	0	(2)	-100.0%
Unrealized (Gain) \ Loss	3,080	0	3,080	100.0%	3,080	0	3,080	100.0%
Interest Expense	30,960	8,127	22,833	281.0%	95,430	24,397	71,033	291.2%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	698	(69)	-9.8%	2,953	2,263	691	30.5%
<b>Subtotal - Other Expenses</b>	<b>190,102</b>	<b>130,265</b>	<b>59,837</b>	45.9%	<b>567,764</b>	<b>390,968</b>	<b>176,795</b>	45.2%
<b>TOTAL Expenses</b>	<b>570,419</b>	<b>459,948</b>	<b>110,471</b>	24.0%	<b>1,660,770</b>	<b>1,406,113</b>	<b>254,657</b>	18.1%
<b>NET INCOME \ (LOSS)</b>	<b>(\$56,392)</b>	<b>(\$22,449)</b>	<b>(\$33,943)</b>	-151.2%	<b>(\$128,219)</b>	<b>(\$48,756)</b>	<b>(\$79,464)</b>	-163.0%

Reviewed by: CDApproved by: JPDate Finalized: 4/20/23

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
**Statistical Report**  
**March 2023**

	MONTH		YEAR TO DATE	
	March 2023	March 2022	March 2023	March 2022
TOTAL GALLONS DISPOSED	91,212,000	80,785,000	265,899,000	258,939,000
GALLONS SOLD:				
Residential	31,069,244	27,172,264	97,789,402	89,024,980
Commercial	77,455,134	71,030,781	224,248,877	216,012,760
TOTAL Sold	108,524,378	98,203,045	322,038,279	305,037,740
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	17,312,378	17,418,045	56,139,279	46,098,740
<b>PERCENTAGE DISPOSED</b>	<b>84.0%</b>	<b>82.3%</b>	<b>82.6%</b>	<b>84.9%</b>
PRECIPITATION	3.40	6.10	11.10	16.20
<b>NEW SEWER APPLICATIONS</b>	<b>70</b>	<b>66</b>	<b>138</b>	<b>136</b>
CUSTOMERS BILLED:				
Residential	8,919	8,271	26,566	24,598
Commercial	823	798	2,467	2,380
TOTAL Billed	9,742	9,069	29,033	26,978
AVG GALLONS PER CUSTOMER:				
Residential	3,483	3,285	3,681	3,619
Commercial	94,113	89,011	90,899	90,762
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$21.63	\$20.43	\$22.33	\$22.01
Commercial	\$345.57	\$316.84	\$336.65	\$324.12
MILES OF COLLECTION MAIN ADDED	-	1.9200	218.720	212.540
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	44.5	42.7	44.5	42.7
COST PER 1,000 GALLONS	\$5.2561	\$4.6836	\$5.1571	\$4.6096
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by: DW  
Approved by: JP  
Date Finalized: 04/20/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
March 31, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE</b>										
Metered Revenue	\$477,298	\$421,785	\$444,500	\$32,798	7.4%	\$1,423,714	\$1,312,706	\$1,383,200	\$40,514	2.9%
Forfeited Discounts	4,678	9,834	7,500	(2,822)	-37.6%	19,207	25,334	23,300	(4,093)	-17.6%
Miscellaneous Service Revenue	2,658	2,850	3,000	(343)	-11.4%	7,153	6,668	9,400	(2,248)	-23.9%
Other Water Revenue	50	50	50	0	0.0%	150	150	150	0	0.0%
Interest Income	29,292	2,008	26,800	2,492	9.3%	85,569	9,258	77,700	7,869	10.1%
Rental Income - Office Building	52	972	1,500	(1,448)	-96.5%	(3,242)	3,242	4,500	(7,742)	-172.0%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>514,027</b>	<b>437,499</b>	<b>483,350</b>	<b>30,677</b>	<b>6.3%</b>	<b>1,532,551</b>	<b>1,357,358</b>	<b>1,498,250</b>	<b>34,301</b>	<b>2.3%</b>
<b>OPERATING EXPENSES</b>										
Salaries and Wages	29,034	28,944	29,700	(666)	-2.2%	84,060	75,795	87,900	(3,840)	-4.4%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	3,750	3,750	3,750	0	0.0%
Fringe Benefits	15,819	16,015	17,300	(1,481)	-8.6%	45,795	41,940	51,200	(5,405)	-10.6%
Sewage Disposal	285,357	243,337	260,600	24,757	9.5%	831,865	780,436	835,900	(4,035)	-0.5%
Purchased Power	12,947	11,783	13,700	(753)	-5.5%	41,040	38,163	44,000	(2,960)	-6.7%
Chemicals	3,523	4,508	3,200	323	10.1%	10,836	9,865	10,300	536	5.2%
Materials & Supplies	4,838	1,925	3,320	1,518	45.7%	6,418	7,368	9,660	(3,242)	-33.6%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,050	1,000	1,180	(130)	-11.0%	3,150	3,000	3,540	(390)	-11.0%
Contractual Servs - Legal	553	0	1,200	(647)	-53.9%	572	336	3,600	(3,028)	-84.1%
Contractual Servs - Other	18,915	14,860	14,470	4,445	30.7%	46,904	37,432	42,950	3,954	9.2%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	3,640	3,577	3,900	(260)	-6.7%	9,353	9,435	11,500	(2,147)	-18.7%
Insurance - General Liability	1,103	1,007	1,100	3	0.3%	3,310	3,022	3,300	10	0.3%
Insurance - Other	212	212	210	2	1.0%	636	636	630	6	1.0%
Regulatory Expense	690	820	900	(210)	-23.3%	2,070	2,459	2,700	(630)	-23.3%
Bad Debt Expense	554	183	250	304	121.5%	302	469	750	(448)	-59.7%
Miscellaneous Expenses	831	263	700	131	18.7%	2,945	1,040	2,100	845	40.2%
<b>SUBTOTAL - Operating Expense:</b>	<b>380,317</b>	<b>329,683</b>	<b>352,980</b>	<b>27,337</b>	<b>7.7%</b>	<b>1,093,006</b>	<b>1,015,145</b>	<b>1,113,780</b>	<b>(20,774)</b>	<b>-1.9%</b>
<b>OTHER EXPENSES</b>										
Depreciation	155,434	121,440	158,500	(3,066)	-1.9%	466,302	364,309	473,900	(7,598)	-1.6%
Misc Non-Operating Income	(2)	0	0	(2)	100.0%	(2)	0	0	(2)	100.0%
Misc Non-Operating Expense	3,080	0	0	3,080	100.0%	3,080	0	0	3,080	100.0%
Interest Expense	30,960	8,127	32,300	(1,340)	-4.1%	95,430	24,397	96,900	(1,470)	-1.5%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	698	1,100	(471)	-42.8%	2,953	2,263	3,300	(347)	-10.5%
<b>SUBTOTAL - Other Expenses</b>	<b>190,102</b>	<b>130,265</b>	<b>191,900</b>	<b>(1,798)</b>	<b>-0.9%</b>	<b>567,764</b>	<b>390,968</b>	<b>574,100</b>	<b>(6,336)</b>	<b>-1.1%</b>
<b>TOTAL Expenses</b>	<b>570,419</b>	<b>459,948</b>	<b>544,880</b>	<b>25,539</b>	<b>4.7%</b>	<b>1,660,770</b>	<b>1,406,113</b>	<b>1,687,880</b>	<b>(27,110)</b>	<b>-1.6%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$56,392)</b>	<b>(\$22,449)</b>	<b>(\$61,530)</b>	<b>\$5,138</b>	<b>8.3%</b>	<b>(\$128,219)</b>	<b>(\$48,756)</b>	<b>(\$189,630)</b>	<b>\$61,411</b>	<b>32.4%</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Balance Sheet  
April 30, 2023

	Activity	Balance
ASSETS AND OTHER DEBITS		
UTILITY PLANT:		
Utility Plant in Service	1,324,094	79,573,258
Construction Work in Progress	(1,257,422)	4,337,250
Less Accumulated Depreciation	(158,852)	(19,401,824)
TOTAL UTILITY PLANT	<u>(92,180)</u>	<u>64,508,683</u>
OTHER PROPERTY AND INVESTMENTS		
Depreciation Reserve	72,697	6,342,506
Sinking Funds:		
KIA Loan, Buchanan Park	(50)	2,161
KIA Loan, Plum Springs Rehabilitation	10,210	49,185
USDA, Series 2019	2,500	16,366
KRWFC Loan, Series 2021A	11,763	49,819
KRWFC Loan, Series 2021A	1,664	441,569
Total Sinking Funds	<u>26,088</u>	<u>559,100</u>
Debt Service Reserve	-	-
Special Funds:		
AMR \ AMI System	-	200,000
Construction Accounts	173,266	7,483,205
Letter of Credit (KEDFA)	319	289,832
Customer Deposits	-	415,122
Total Special Funds	<u>173,585</u>	<u>8,388,159</u>
TOTAL OTHER PROPERTY AND INVESTMENTS	<u>272,369</u>	<u>15,289,764</u>
CURRENT AND ACCRUED ASSETS		
Cash - General Operations	42,046	1,299,700
Accounts Receivable - Customer	37,725	749,268
Accounts Receivable - Misc	(170,861)	531,241
Prepayments	(1,572)	7,086
Deferred Debits	8,742	31,905
Other Current Assets	5,179	37,151
TOTAL CURRENT AND ACCRUED ASSETS	<u>(78,741)</u>	<u>2,656,351</u>
TOTAL ASSETS AND OTHER DEBITS	<u>101,448</u>	<u>82,454,799</u>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
April 30, 2023

	<u>Activity</u>	<u>Balance</u>
LIABILITIES AND OTHER CREDITS		
CAPITAL:		
Contributions in Aid of Construction	127,620	61,878,071
Customer Advance for Construction	<u>(36,800)</u>	<u>1,552,970</u>
<b>TOTAL CAPITAL</b>	<u>90,820</u>	<u>63,431,041</u>
LONG TERM DEBT		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,361)	479,955
KIA Loan, Plum Springs Rehabilitation	-	1,833,884
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,361)</u>	<u>11,179,688</u>
<b>TOTAL LONG TERM DEBT</b>	<u>(3,361)</u>	<u>11,802,688</u>
CURRENT AND ACCRUED LIABILITIES:		
Accounts Payable - General	6,147	637,187
Customer Deposits	2,035	401,562
Interest - Customer Deposits	418	418
Taxes and Equivalents	(124)	13,363
Deferred Credits	<u>(1,022)</u>	<u>76,168</u>
Total Current Liabilities	7,454	1,128,697
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	108	314
KIA Loan, Plum Springs Rehabilitation	3,009	15,092
USDA, Series 2019	1,233	4,932
KRWFC Loan, Series 2021A	2,927	8,850
KRWFC Loan, Series 2022D	23,117	81,924
KRWFC Loan, Series 2022D (Arbitrage)	<u>7,676</u>	<u>24,614</u>
Total Interest Accrued - Long Term Debt	38,070	136,959
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<u>45,524</u>	<u>1,265,657</u>
ACCUMULATED EARNINGS:		
Beginning of Year		6,115,167
Current Year to Date	<u>(31,535)</u>	<u>(159,754)</u>
<b>TOTAL ACCUMULATED EARNINGS</b>	<u>(31,535)</u>	<u>5,955,413</u>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<u>101,448</u>	<u>82,454,799</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
April 30, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
<b>Metered Revenue</b>	<b>\$473,182</b>	<b>\$419,402</b>	<b>\$53,780</b>	12.8%	<b>\$1,896,896</b>	<b>\$1,732,108</b>	<b>\$164,788</b>	9.5%
Forfeited Discounts	5,400	5,762	(362)	-6.3%	24,606	31,096	(6,490)	-20.9%
Miscellaneous Service Revenue	2,190	2,470	(280)	-11.3%	9,343	9,138	205	2.2%
Other Water Revenue	50	50	(0)	0.0%	200	200	(0)	0.0%
Interest Income	36,132	642	35,489	5,524.9%	121,701	9,900	111,801	1,129.3%
Rental Income	332	1,703	(1,371)	-80.5%	(2,910)	4,945	(7,855)	-158.8%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>517,285</b>	<b>430,030</b>	<b>87,255</b>	20.3%	<b>2,049,836</b>	<b>1,787,387</b>	<b>262,448</b>	14.7%
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	22,563	24,885	(2,322)	-9.3%	106,623	100,681	5,943	5.9%
Commissioner Fees	1,250	1,250	0	0.0%	5,000	5,000	0	0.0%
Employee Overhead	12,292	13,770	(1,478)	-10.7%	58,087	55,710	2,377	4.3%
Sewage Disposal	281,008	236,646	44,362	18.7%	1,112,873	1,017,082	95,791	9.4%
Purchased Power	13,211	12,439	772	6.2%	54,251	50,602	3,649	7.2%
Chemicals	3,523	5,743	(2,219)	-38.6%	14,360	15,607	(1,248)	-8.0%
Materials & Supplies	2,278	3,840	(1,562)	-40.7%	8,696	11,208	(2,512)	-22.4%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	4,356	4,010	346	8.6%
Contractual Servs - Legal	0	380	(380)	-100.0%	572	716	(144)	-20.1%
Contractual Servs - Other	15,709	12,880	2,830	22.0%	62,613	50,311	12,302	24.5%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	2,396	3,266	(869)	-26.6%	11,749	12,700	(951)	-7.5%
Insurance - General Liability	1,103	1,007	96	9.6%	4,414	4,029	385	9.6%
Insurance - Other	212	212	(0)	0.0%	848	848	(0)	0.0%
Regulatory Expense	690	820	(130)	-15.8%	2,760	3,279	(519)	-15.8%
Bad Debt Expense	63	(34)	97	287.4%	366	436	(70)	-16.1%
Miscellaneous Expenses	831	187	643	343.7%	3,776	1,227	2,549	207.7%
<b>SUBTOTAL - Operating Expenses</b>	<b>358,336</b>	<b>318,300</b>	<b>40,036</b>	12.6%	<b>1,451,343</b>	<b>1,333,445</b>	<b>117,898</b>	8.8%
<b>OTHER EXPENSES:</b>								
Depreciation	158,852	121,710	37,142	30.5%	625,154	486,019	139,135	28.6%
Misc Non-Operating Income	0	0	0	0.0%	(2)	0	(2)	-100.0%
Unrealized (Gain) \ Loss	0	0	0	0.0%	3,080	0	3,080	100.0%
Interest Expense	31,002	8,114	22,889	282.1%	126,432	32,510	93,922	288.9%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	698	(69)	-9.8%	3,583	2,961	622	21.0%
<b>Subtotal - Other Expenses</b>	<b>190,484</b>	<b>130,522</b>	<b>59,962</b>	45.9%	<b>758,247</b>	<b>521,490</b>	<b>236,757</b>	45.4%
<b>TOTAL Expenses</b>	<b>548,820</b>	<b>448,822</b>	<b>99,998</b>	22.3%	<b>2,209,590</b>	<b>1,854,935</b>	<b>354,655</b>	19.1%
<b>NET INCOME \ (LOSS)</b>	<b>(\$31,535)</b>	<b>(\$18,792)</b>	<b>(\$12,743)</b>	-67.8%	<b>(\$169,754)</b>	<b>(\$67,548)</b>	<b>(\$92,206)</b>	-136.5%

Reviewed by: CDApproved by: JPDate Finalized: 5/18/23



**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
**Statistical Report**  
**April 2023**

	MONTH		YEAR TO DATE	
	April 2023	April 2022	April 2023	April 2022
TOTAL GALLONS DISPOSED	89,822,000	78,424,000	355,721,000	337,363,000
GALLONS SOLD:				
Residential	31,383,436	27,732,614	129,172,838	116,757,594
Commercial	75,934,913	68,670,946	300,183,790	284,683,706
TOTAL Sold	107,318,349	96,403,560	429,356,628	401,441,300
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	17,496,349	17,979,560	73,635,628	64,078,300
<b>PERCENTAGE DISPOSED</b>	<b>83.7%</b>	<b>81.3%</b>	<b>82.8%</b>	<b>84.0%</b>
PRECIPITATION	5.80	2.90	16.90	19.10
<b>NEW SEWER APPLICATIONS</b>	<b>47</b>	<b>76</b>	<b>185</b>	<b>212</b>
CUSTOMERS BILLED:				
Residential	8,975	8,308	35,541	32,906
Commercial	829	798	3,296	3,178
TOTAL Billed	9,804	9,106	38,837	36,084
AVG GALLONS PER CUSTOMER:				
Residential	3,497	3,338	3,634	3,548
Commercial	91,598	86,054	91,075	89,580
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$21.64	\$20.69	\$22.15	\$21.67
Commercial	\$336.55	\$310.13	\$336.63	\$320.61
MILES OF COLLECTION MAIN ADDED	-	-	218.720	212.540
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	44.8	42.8	44.8	42.8
COST PER 1,000 GALLONS	\$5.1139	\$4.6557	\$5.1463	\$4.6207
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by:         DW          
Approved by:         JP          
Date Finalized:         5/18/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
April 30, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE</b>										
Metered Revenue	\$473,182	\$419,402	\$441,700	\$31,482	7.1%	\$1,896,896	\$1,732,108	\$1,824,900	\$71,996	3.9%
Forfeited Discounts	5,400	5,762	7,400	(2,000)	-27.0%	24,606	31,096	30,700	(6,094)	-19.8%
Miscellaneous Service Revenue	2,190	2,470	3,000	(810)	-27.0%	9,343	9,138	12,400	(3,058)	-24.7%
Other Water Revenue	50	50	50	0	0.0%	200	200	200	0	0.0%
Interest Income	36,132	642	25,300	10,832	42.8%	121,701	9,900	103,000	18,701	18.2%
Rental Income - Office Building	332	1,703	1,500	(1,168)	-77.9%	(2,910)	4,945	6,000	(8,910)	-148.5%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>517,285</b>	<b>430,030</b>	<b>478,950</b>	<b>38,335</b>	<b>8.0%</b>	<b>2,049,836</b>	<b>1,787,387</b>	<b>1,977,200</b>	<b>72,636</b>	<b>3.7%</b>
<b>OPERATING EXPENSES</b>										
Salaries and Wages	22,563	24,885	28,300	(5,737)	-20.3%	106,623	100,681	116,200	(9,577)	-8.2%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	5,000	5,000	5,000	0	0.0%
Fringe Benefits	12,292	13,770	16,400	(4,108)	-25.1%	58,087	55,710	67,600	(9,513)	-14.1%
Sewage Disposal	281,008	236,646	253,400	27,608	10.9%	1,112,873	1,017,082	1,089,300	23,573	2.2%
Purchased Power	13,211	12,439	13,300	(89)	-0.7%	54,251	50,602	57,300	(3,049)	-5.3%
Chemicals	3,523	5,743	3,100	423	13.7%	14,360	15,607	13,400	960	7.2%
Materials & Supplies	2,278	3,840	3,320	(1,042)	-31.4%	8,696	11,208	12,980	(4,284)	-33.0%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	4,356	4,010	4,720	(365)	-7.7%
Contractual Servs - Legal	0	380	1,200	(1,200)	-100.0%	572	716	4,800	(4,228)	-88.1%
Contractual Servs - Other	15,709	12,880	14,700	1,009	6.9%	62,613	50,311	57,650	4,953	8.6%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	2,396	3,266	3,700	(1,304)	-35.2%	11,749	12,700	15,200	(3,451)	-22.7%
Insurance - General Liability	1,103	1,007	1,100	3	0.3%	4,414	4,029	4,400	14	0.3%
Insurance - Other	212	212	210	2	1.0%	848	848	840	8	1.0%
Regulatory Expense	690	820	900	(210)	-23.3%	2,760	3,279	3,600	(840)	-23.3%
Bad Debt Expense	63	(34)	250	(187)	-74.6%	366	436	1,000	(634)	-63.4%
Miscellaneous Expenses	831	187	700	131	18.7%	3,776	1,227	2,800	976	34.8%
<b>SUBTOTAL - Operating Expense:</b>	<b>358,336</b>	<b>318,300</b>	<b>343,010</b>	<b>15,326</b>	<b>4.5%</b>	<b>1,451,343</b>	<b>1,333,445</b>	<b>1,456,790</b>	<b>(5,447)</b>	<b>-0.4%</b>
<b>OTHER EXPENSES</b>										
Depreciation	158,852	121,710	159,600	(748)	-0.5%	625,154	486,019	633,500	(8,346)	-1.3%
Misc Non-Operating Income	0	0	0	0	0.0%	(2)	0	0	(2)	100.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	3,080	0	0	3,080	100.0%
Interest Expense	31,002	8,114	32,300	(1,298)	-4.0%	126,432	32,510	129,200	(2,768)	-2.1%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	698	1,100	(471)	-42.8%	3,583	2,961	4,400	(817)	-18.6%
<b>SUBTOTAL - Other Expenses</b>	<b>190,484</b>	<b>130,522</b>	<b>193,000</b>	<b>(2,516)</b>	<b>-1.3%</b>	<b>758,247</b>	<b>521,490</b>	<b>767,100</b>	<b>(8,853)</b>	<b>-1.2%</b>
<b>TOTAL Expenses</b>	<b>548,820</b>	<b>448,822</b>	<b>536,010</b>	<b>12,810</b>	<b>2.4%</b>	<b>2,209,590</b>	<b>1,854,935</b>	<b>2,223,890</b>	<b>(14,300)</b>	<b>-0.5%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$31,535)</b>	<b>(\$18,792)</b>	<b>(\$57,060)</b>	<b>\$25,525</b>	<b>44.7%</b>	<b>(\$159,754)</b>	<b>(\$67,548)</b>	<b>(\$246,690)</b>	<b>\$86,936</b>	<b>35.2%</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Balance Sheet  
May 31, 2023

	<u>Activity</u>	<u>Balance</u>
ASSETS AND OTHER DEBITS		
UTILITY PLANT:		
Utility Plant in Service	-	79,573,258
Construction Work in Progress	343,076	4,680,326
Less Accumulated Depreciation	<u>(156,238)</u>	<u>(19,558,062)</u>
TOTAL UTILITY PLANT	<u>186,838</u>	<u>64,695,521</u>
OTHER PROPERTY AND INVESTMENTS		
Depreciation Reserve	25,807	6,368,313
Sinking Funds:		
KIA Loan, Buchanon Park	(49)	2,112
KIA Loan, Plum Springs Rehabilitation	10,210	59,395
USDA, Series 2019	2,500	18,866
KRWFC Loan, Series 2021A	11,809	61,628
KRWFC Loan, Series 2021A	<u>(3,407)</u>	<u>438,162</u>
Total Sinking Funds	21,063	580,162
Debt Service Reserve	-	-
Special Funds:		
AMR \ AMI System	-	200,000
Construction Accounts	(227,976)	7,255,229
Letter of Credit (KEDFA)	329	290,161
Customer Deposits	-	415,122
Total Special Funds	<u>(227,647)</u>	<u>8,160,512</u>
TOTAL OTHER PROPERTY AND INVESTMENTS	<u>(180,777)</u>	<u>15,108,987</u>
CURRENT AND ACCRUED ASSETS		
Cash - General Operations	100,199	1,399,899
Accounts Receivable - Customer	331	749,599
Accounts Receivable - Misc	198,158	729,400
Prepayments	1,394	8,480
Deferred Debits	51,909	83,814
Other Current Assets	14,989	52,140
TOTAL CURRENT AND ACCRUED ASSETS	<u>366,980</u>	<u>3,023,331</u>
TOTAL ASSETS AND OTHER DEBITS	<u>373,041</u>	<u>82,827,839</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Balance Sheet  
May 31, 2023

	<u>Activity</u>	<u>Balance</u>
LIABILITIES AND OTHER CREDITS		
CAPITAL:		
Contributions in Aid of Construction	204,925	62,082,995
Customer Advance for Construction	<u>(58,800)</u>	<u>1,494,170</u>
TOTAL CAPITAL	<u>146,125</u>	<u>63,577,166</u>
LONG TERM DEBT:		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,369)	476,586
KIA Loan, Plum Springs Rehabilitation	-	1,833,884
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,369)</u>	<u>11,176,319</u>
TOTAL LONG TERM DEBT	<u>(3,369)</u>	<u>11,799,319</u>
CURRENT AND ACCRUED LIABILITIES:		
Accounts Payable - General	212,395	849,582
Customer Deposits	2,420	403,982
Interest - Customer Deposits	401	820
Taxes and Equivalents	882	14,245
Deferred Credits	<u>(1,022)</u>	<u>75,146</u>
Total Current Liabilities	215,076	1,343,774
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	108	422
KIA Loan, Plum Springs Rehabilitation	3,009	18,101
USDA, Series 2019	1,233	6,165
KRWFC Loan, Series 2021A	2,927	11,777
KRWFC Loan, Series 2022D	23,117	105,041
KRWFC Loan, Series 2022D (Arbitrage)	<u>7,932</u>	<u>32,545</u>
Total Interest Accrued - Long Term Debt	<u>38,326</u>	<u>175,285</u>
TOTAL CURRENT AND ACCRUED LIABILITIES	<u>253,402</u>	<u>1,519,059</u>
ACCUMULATED EARNINGS:		
Beginning of Year		6,115,167
Current Year to Date	<u>(23,117)</u>	<u>(182,871)</u>
TOTAL ACCUMULATED EARNINGS	<u>(23,117)</u>	<u>5,932,296</u>
TOTAL LIABILITIES AND OTHER CREDITS	<u>373,041</u>	<u>82,827,839</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
May 31, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$500,285	\$469,030	\$31,256	6.7%	\$2,397,182	\$2,201,138	\$196,044	8.9%
Forfeited Discounts	5,504	8,335	(2,831)	-34.0%	30,110	39,432	(9,321)	-23.6%
Miscellaneous Service Revenue	3,025	3,083	(58)	-1.9%	12,368	12,220	148	1.2%
Other Water Revenue	50	50	(0)	0.0%	250	250	(0)	0.0%
Interest Income	44,949	2,068	42,882	2,074.0%	166,650	11,968	154,682	1,292.5%
Rental Income	(1,205)	(7,063)	5,857	82.9%	(4,115)	(2,118)	(1,998)	-94.3%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>552,609</b>	<b>475,502</b>	<b>77,106</b>	<b>16.2%</b>	<b>2,602,444</b>	<b>2,262,890</b>	<b>339,555</b>	<b>15.0%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	31,487	26,007	5,481	21.1%	138,111	126,687	11,423	9.0%
Commissioner Fees	1,250	1,250	0	0.0%	6,250	6,250	0	0.0%
Employee Overhead	17,153	14,390	2,763	19.2%	75,240	70,100	5,140	7.3%
Sewage Disposal	288,445	249,417	39,027	15.6%	1,401,318	1,266,499	134,818	10.6%
Purchased Power	13,079	12,710	369	2.9%	67,330	63,312	4,018	6.3%
Chemicals	2,042	3,828	(1,785)	-46.6%	16,402	19,435	(3,033)	-15.6%
Materials & Supplies	14,280	3,164	11,116	351.3%	22,976	14,372	8,604	59.9%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	5,561	5,019	542	10.8%
Contractual Servs - Legal	77	782	(705)	-90.2%	649	1,498	(849)	-56.7%
Contractual Servs - Other	14,533	11,581	2,952	25.5%	77,146	61,892	15,254	24.6%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	4,256	3,366	891	26.5%	16,005	16,066	(61)	-0.4%
Insurance - General Liability	1,525	1,007	518	51.4%	5,939	5,036	903	17.9%
Insurance - Other	212	212	0	0.0%	1,060	1,060	(0)	0.0%
Regulatory Expense	690	820	(130)	-15.8%	3,450	4,099	(649)	-15.8%
Bad Debt Expense	(108)	602	(710)	-118.0%	257	1,037	(780)	-75.2%
Miscellaneous Expenses	830	212	618	292.2%	4,606	1,439	3,167	220.2%
<b>SUBTOTAL - Operating Expenses</b>	<b>390,957</b>	<b>330,356</b>	<b>60,601</b>	<b>18.3%</b>	<b>1,842,299</b>	<b>1,663,801</b>	<b>178,498</b>	<b>10.7%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	156,238	130,845	25,393	19.4%	781,392	616,864	164,528	26.7%
Misc Non-Operating Income	(2)	(12)	10	-84.2%	(4)	(12)	8	-69.5%
Unrealized (Gain) \ Loss	(3,080)	0	(3,080)	100.0%	0	0	0	0.0%
Interest Expense	30,983	8,107	22,877	282.2%	157,415	40,617	116,798	287.6%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	698	(69)	-9.8%	4,212	3,659	553	15.1%
<b>Subtotal - Other Expenses</b>	<b>184,768</b>	<b>139,638</b>	<b>45,131</b>	<b>32.3%</b>	<b>943,016</b>	<b>661,128</b>	<b>281,888</b>	<b>42.6%</b>
<b>TOTAL Expenses</b>	<b>575,725</b>	<b>469,993</b>	<b>105,732</b>	<b>22.5%</b>	<b>2,785,315</b>	<b>2,324,928</b>	<b>460,387</b>	<b>19.8%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$23,117)</b>	<b>\$5,509</b>	<b>(\$28,626)</b>	<b>-519.6%</b>	<b>(\$182,871)</b>	<b>(\$62,039)</b>	<b>(\$120,832)</b>	<b>-194.8%</b>

Reviewed by CDApproved by JPDate Finalized 6/22/23

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 May 2023

	MONTH		YEAR TO DATE	
	May 2023	May 2022	May 2023	May 2022
TOTAL GALLONS DISPOSED	92,199,000	82,731,000	447,920,000	420,094,000
GALLONS SOLD:				
Residential	35,611,724	31,256,162	164,784,562	148,013,756
Commercial	78,828,805	78,851,729	379,012,595	363,535,435
TOTAL Sold	114,440,529	110,107,891	543,797,157	511,549,191
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	22,241,529	27,376,891	95,877,157	91,455,191
<b>PERCENTAGE DISPOSED</b>	<b>80.6%</b>	<b>75.1%</b>	<b>82.4%</b>	<b>82.1%</b>
PRECIPITATION	2.30	4.10	19.20	23.20
<b>NEW SEWER APPLICATIONS</b>	<b>50</b>	<b>63</b>	<b>235</b>	<b>275</b>
CUSTOMERS BILLED:				
Residential	9,020	8,400	44,561	41,306
Commercial	861	799	4,157	3,977
TOTAL Billed	9,881	9,199	48,718	45,283
AVG GALLONS PER CUSTOMER:				
Residential	3,948	3,721	3,698	3,583
Commercial	91,555	98,688	91,175	91,409
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$23.47	\$22.33	\$22.42	\$21.81
Commercial	\$335.14	\$352.31	\$336.32	\$326.98
MILES OF COLLECTION MAIN ADDED	0.850	-	219.570	212.540
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	45.0	43.3	45.0	43.3
COST PER 1,000 GALLONS	\$5.0308	\$4.2685	\$5.1220	\$4.5449
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by:         DW          
 Approved by:         JP          
 Date Finalized:         6/22/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
May 31, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE</b>										
Metered Revenue	\$500,285	\$469,030	\$494,500	\$5,785	1.2%	\$2,397,182	\$2,201,138	\$2,319,400	\$77,782	3.4%
Forfeited Discounts	5,504	8,335	8,300	(2,796)	-33.7%	30,110	39,432	39,000	(8,890)	-22.8%
Miscellaneous Service Revenue	3,025	3,083	3,400	(375)	-11.0%	12,368	12,220	15,800	(3,433)	-21.7%
Other Water Revenue	50	50	50	(0)	0.0%	250	250	250	0	0.0%
Interest Income	44,949	2,068	26,200	18,749	71.6%	166,650	11,968	129,200	37,450	29.0%
Rental Income - Office Building	(1,205)	(7,063)	1,500	(2,705)	-180.4%	(4,115)	(2,118)	7,500	(11,615)	-154.9%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>552,609</b>	<b>475,502</b>	<b>533,950</b>	<b>18,659</b>	<b>3.5%</b>	<b>2,602,444</b>	<b>2,262,890</b>	<b>2,511,150</b>	<b>91,294</b>	<b>3.6%</b>
<b>OPERATING EXPENSES</b>										
Salaries and Wages	31,487	26,007	31,200	287	0.9%	138,111	126,687	147,400	(9,289)	-6.3%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	6,250	6,250	6,250	0	0.0%
Fringe Benefits	17,153	14,390	18,200	(1,047)	-5.8%	75,240	70,100	85,800	(10,560)	-12.3%
Sewage Disposal	288,445	249,417	267,100	21,345	8.0%	1,401,318	1,266,499	1,356,400	44,918	3.3%
Purchased Power	13,079	12,710	14,100	(1,021)	-7.2%	67,330	63,312	71,400	(4,070)	-5.7%
Chemicals	2,042	3,828	3,300	(1,258)	-38.1%	16,402	19,435	16,700	(298)	-1.8%
Materials & Supplies	14,280	3,164	3,320	10,960	330.1%	22,976	14,372	16,300	6,676	41.0%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	5,561	5,019	5,900	(339)	-5.7%
Contractual Servs - Legal	77	782	1,200	(1,123)	-93.6%	649	1,498	6,000	(5,351)	-89.2%
Contractual Servs - Other	14,533	11,581	14,930	(397)	-2.7%	77,146	61,892	72,580	4,566	6.3%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	4,256	3,366	4,100	156	3.8%	16,005	16,066	19,300	(3,295)	-17.1%
Insurance - General Liability	1,525	1,007	1,100	425	38.6%	5,939	5,036	5,500	439	8.0%
Insurance - Other	212	212	210	2	1.0%	1,060	1,060	1,050	10	1.0%
Regulatory Expense	690	820	900	(210)	-23.3%	3,450	4,099	4,500	(1,050)	-23.3%
Bad Debt Expense	(108)	602	250	(358)	-143.3%	257	1,037	1,250	(993)	-79.4%
Miscellaneous Expenses	830	212	700	130	18.6%	4,606	1,439	3,500	1,106	31.6%
<b>SUBTOTAL - Operating Expense:</b>	<b>390,957</b>	<b>330,356</b>	<b>363,040</b>	<b>27,917</b>	<b>7.7%</b>	<b>1,842,299</b>	<b>1,663,801</b>	<b>1,819,830</b>	<b>22,469</b>	<b>1.2%</b>
<b>OTHER EXPENSES</b>										
Depreciation	156,238	130,845	160,100	(3,862)	-2.4%	781,392	616,864	793,600	(12,208)	-1.5%
Misc Non-Operating Income	(2)	(12)	0	(2)	100.0%	(4)	(12)	0	(4)	100.0%
Misc Non-Operating Expense	(3,080)	0	0	(3,080)	100.0%	0	0	0	0	0.0%
Interest Expense	30,983	8,107	32,300	(1,317)	-4.1%	157,415	40,617	161,500	(4,085)	-2.5%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	698	1,100	(471)	-42.8%	4,212	3,659	5,500	(1,288)	-23.4%
<b>SUBTOTAL - Other Expenses</b>	<b>184,768</b>	<b>139,638</b>	<b>193,500</b>	<b>(8,732)</b>	<b>-4.5%</b>	<b>943,016</b>	<b>661,128</b>	<b>960,600</b>	<b>(17,584)</b>	<b>-1.8%</b>
<b>TOTAL Expenses</b>	<b>575,725</b>	<b>469,993</b>	<b>556,540</b>	<b>19,185</b>	<b>3.4%</b>	<b>2,785,315</b>	<b>2,324,928</b>	<b>2,780,430</b>	<b>4,885</b>	<b>0.2%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$23,117)</b>	<b>\$5,509</b>	<b>(\$22,590)</b>	<b>(\$527)</b>	<b>-2.3%</b>	<b>(\$182,871)</b>	<b>(\$62,039)</b>	<b>(\$269,280)</b>	<b>\$86,409</b>	<b>32.1%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
June 30, 2023

	<u>Activity</u>	<u>Balance</u>
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	407,000	79,980,258
Construction Work in Progress	129,585	4,809,911
Less Accumulated Depreciation	<u>(156,247)</u>	<u>(19,714,309)</u>
<b>TOTAL UTILITY PLANT</b>	<u>380,338</u>	<u>65,075,859</u>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	13,050	6,381,363
Sinking Funds:		
KIA Loan, Buchanan Park	(49)	2,063
KIA Loan, Plum Springs Rehabilitation	(52,535)	6,860
USDA, Series 2019	2,500	21,366
KRWFC Loan, Series 2021A	11,869	73,497
KRWFC Loan, Series 2021A	<u>1,829</u>	<u>439,991</u>
<b>Total Sinking Funds</b>	<u>(36,386)</u>	<u>543,776</u>
Debt Service Reserve	-	-
Special Funds:		
AMR \ AMI System	-	200,000
Construction Accounts	142,695	7,397,924
Letter of Credit (KEDFA)	319	290,480
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<u>143,014</u>	<u>8,303,526</u>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u>119,678</u>	<u>15,228,665</u>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	(134,640)	1,265,259
Accounts Receivable - Customer	(19,554)	730,045
Accounts Receivable - Misc	(70,538)	658,861
Prepayments	18,917	27,397
Deferred Debits	(55,215)	28,598
Other Current Assets	<u>(4,082)</u>	<u>48,058</u>
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<u>(265,113)</u>	<u>2,758,218</u>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<u>234,902</u>	<u>83,062,742</u>



**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
June 30, 2023

	<u>Activity</u>	<u>Balance</u>
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	426,445	62,509,440
Customer Advance for Construction	17,040	1,511,210
<b>TOTAL CAPITAL</b>	<u>443,485</u>	<u>64,020,651</u>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans		
KIA Loan, Buchanan Park	(3,378)	473,208
KIA Loan, Plum Springs Rehabilitation	(42,572)	1,791,312
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(45,950)</u>	<u>11,130,368</u>
<b>TOTAL LONG TERM DEBT</b>	<u>(45,950)</u>	<u>11,753,368</u>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	(227,566)	622,016
Customer Deposits	2,980	406,962
Interest - Customer Deposits	(820)	-
Taxes and Equivalents	1,423	15,668
Deferred Credits	(1,022)	74,125
Total Current Liabilities	<u>(225,005)</u>	<u>1,118,769</u>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	108	530
KIA Loan, Plum Springs Rehabilitation	(15,330)	2,772
USDA, Series 2019	1,233	7,398
KRWFC Loan, Series 2021A	2,927	14,704
KRWFC Loan, Series 2022D	23,117	128,158
KRWFC Loan, Series 2022D (Arbitrage)	6,730	39,275
Total Interest Accrued - Long Term Debt	<u>18,785</u>	<u>194,070</u>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<u>(206,220)</u>	<u>1,312,839</u>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,115,167
Current Year to Date	43,587	(139,284)
<b>TOTAL ACCUMULATED EARNINGS</b>	<u>43,587</u>	<u>5,975,884</u>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<u>234,902</u>	<u>83,062,742</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
June 30, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
<b>Metered Revenue</b>	<b>\$557,729</b>	<b>\$474,323</b>	<b>\$83,405</b>	17.6%	<b>\$2,954,911</b>	\$2,675,461	\$279,449	10.4%
Forfeited Discounts	9,652	9,443	208	2.2%	39,762	48,875	(9,113)	-18.6%
Miscellaneous Service Revenue	3,825	4,148	(323)	-7.8%	16,193	16,368	(175)	-1.1%
Other Water Revenue	50	50	0	0.0%	300	300	(0)	0.0%
Interest Income	44,545	2,845	41,700	1,465.8%	211,195	14,813	196,382	1,325.8%
Rental Income	(1,611)	(2,600)	990	38.1%	(5,726)	(4,718)	(1,008)	-21.4%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>614,190</b>	<b>488,209</b>	<b>125,981</b>	<b>25.8%</b>	<b>3,216,634</b>	<b>2,751,099</b>	<b>465,535</b>	<b>16.9%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	27,453	25,020	2,434	9.7%	165,564	151,707	13,857	9.1%
Commissioner Fees	1,250	1,250	0	0.0%	7,500	7,500	0	0.0%
Employee Overhead	14,955	13,844	1,111	8.0%	90,195	83,944	6,251	7.4%
<b>Sewage Disposal</b>	<b>292,045</b>	<b>258,555</b>	<b>33,490</b>	<b>13.0%</b>	<b>1,693,363</b>	<b>1,525,055</b>	<b>168,309</b>	<b>11.0%</b>
Purchased Power	13,102	13,431	(329)	-2.4%	80,432	76,743	3,689	4.8%
Chemicals	2,042	1,744	298	17.1%	18,444	21,180	(2,735)	-12.9%
Materials & Supplies	3,056	4,585	(1,530)	-33.4%	26,032	18,957	7,075	37.3%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	6,767	6,029	737	12.2%
Contractual Servs - Legal	452	129	323	249.5%	1,101	1,627	(527)	-32.4%
Contractual Servs - Other	16,113	17,484	(1,371)	-7.8%	93,259	79,376	13,883	17.5%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	4,079	3,377	702	20.8%	20,084	19,442	642	3.3%
Insurance - General Liability	1,525	1,007	518	51.4%	7,464	6,043	1,421	23.5%
Insurance - Other	212	212	0	0.0%	1,273	1,273	(0)	0.0%
Regulatory Expense	690	820	(130)	-15.8%	4,140	4,919	(779)	-15.8%
Bad Debt Expense	285	161	123	76.3%	542	1,199	(657)	-54.8%
Miscellaneous Expenses	4,311	2,354	1,957	83.1%	8,916	3,792	5,124	135.1%
<b>SUBTOTAL - Operating Expenses</b>	<b>382,776</b>	<b>344,984</b>	<b>37,792</b>	<b>11.0%</b>	<b>2,225,075</b>	<b>2,008,784</b>	<b>216,290</b>	<b>10.8%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	156,247	128,521	27,726	21.6%	937,639	745,385	192,254	25.8%
Misc Non-Operating Income	0	0	0	0.0%	(4)	(12)	8	-69.5%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	30,950	8,104	22,846	281.9%	188,365	48,721	139,645	286.6%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	915	(285)	-31.2%	4,842	4,574	268	5.9%
<b>Subtotal - Other Expenses</b>	<b>187,827</b>	<b>137,540</b>	<b>50,287</b>	<b>36.6%</b>	<b>1,130,843</b>	<b>798,668</b>	<b>332,175</b>	<b>41.6%</b>
<b>TOTAL Expenses</b>	<b>570,602</b>	<b>482,523</b>	<b>88,079</b>	<b>18.3%</b>	<b>3,355,918</b>	<b>2,807,452</b>	<b>548,466</b>	<b>19.5%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$43,587</b>	<b>\$5,686</b>	<b>\$37,902</b>	<b>666.6%</b>	<b>(\$139,284)</b>	<b>(\$56,353)</b>	<b>(\$82,930)</b>	<b>-147.2%</b>

Reviewed by: CDApproved by: JPDate Finalized: 7/20/23

## WARREN COUNTY WATER DISTRICT - SEWER DIVISION

Statistical Report

June 2023

	MONTH		YEAR TO DATE	
	June 2023	June 2022	June 2023	June 2022
TOTAL GALLONS DISPOSED	93,350,000	85,762,000	541,270,000	505,856,000
GALLONS SOLD:				
Residential	43,628,972	38,844,066	208,413,534	186,857,822
Commercial	85,736,345	71,393,188	464,748,940	434,928,623
TOTAL Sold	129,365,317	110,237,254	673,162,474	621,786,445
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	36,015,317	24,475,254	131,892,474	115,930,445
<b>PERCENTAGE DISPOSED</b>	<b>72.2%</b>	<b>77.8%</b>	<b>80.4%</b>	<b>81.4%</b>
PRECIPITATION	5.50	3.50	24.70	26.70
<b>NEW SEWER APPLICATIONS</b>	<b>32</b>	<b>67</b>	<b>267</b>	<b>342</b>
CUSTOMERS BILLED:				
Residential	9,035	8,420	53,596	49,726
Commercial	872	805	5,029	4,782
TOTAL Billed	9,907	9,225	58,625	54,508
AVG GALLONS PER CUSTOMER:				
Residential	4,829	4,613	3,889	3,758
Commercial	98,321	88,687	92,414	90,951
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$27.12	\$25.86	\$23.21	\$22.49
Commercial	\$358.59	\$318.72	\$340.18	\$325.59
MILES OF COLLECTION MAIN ADDED	-	3.7900	219.570	216.330
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	45.1	42.6	45.1	42.6
COST PER 1,000 GALLONS	\$4.4108	\$4.3771	\$4.9853	\$4.5151
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by: DW  
Approved by: JP  
Date Finalized: 7/20/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
June 30, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE</b>										
Metered Revenue	\$557,729	\$474,323	\$499,800	\$57,929	11.6%	\$2,954,911	\$2,675,461	\$2,819,200	\$135,711	4.8%
Forfeited Discounts	9,652	9,443	8,400	1,252	14.9%	39,762	48,875	47,400	(7,538)	-16.1%
Miscellaneous Service Revenue	3,825	4,148	3,400	425	12.5%	16,193	16,368	19,200	(3,008)	-15.7%
Other Water Revenue	50	50	50	0	0.0%	300	300	300	0	0.0%
Interest Income	44,545	2,845	25,300	19,245	76.1%	211,195	14,813	154,500	56,695	36.7%
Rental Income - Office Building	(1,611)	(2,600)	1,500	(3,111)	-207.4%	(5,726)	(4,718)	9,000	(14,726)	-163.6%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>614,190</b>	<b>488,209</b>	<b>538,450</b>	<b>75,740</b>	<b>14.1%</b>	<b>3,216,634</b>	<b>2,751,099</b>	<b>3,049,600</b>	<b>167,034</b>	<b>5.5%</b>
<b>OPERATING EXPENSES</b>										
Salaries and Wages	27,453	25,020	28,300	(847)	-3.0%	165,564	151,707	175,700	(10,136)	-5.8%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	7,500	7,500	7,500	0	0.0%
Fringe Benefits	14,955	13,844	16,400	(1,445)	-8.8%	90,195	83,944	102,200	(12,005)	-11.7%
Sewage Disposal	292,045	258,555	276,900	15,145	5.5%	1,693,363	1,525,055	1,633,300	60,063	3.7%
Purchased Power	13,102	13,431	14,600	(1,498)	-10.3%	80,432	76,743	86,000	(5,568)	-6.5%
Chemicals	2,042	1,744	3,400	(1,358)	-39.9%	18,444	21,180	20,100	(1,656)	-8.2%
Materials & Supplies	3,056	4,565	3,220	(164)	-5.1%	26,032	18,957	19,520	6,512	33.4%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	6,767	6,029	7,080	(313)	-4.4%
Contractual Servs - Legal	452	129	1,200	(748)	-62.3%	1,101	1,627	7,200	(6,099)	-84.7%
Contractual Servs - Other	16,113	17,484	15,160	953	6.3%	93,259	79,376	87,740	5,519	6.3%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	4,079	3,377	3,700	379	10.2%	20,084	19,442	23,000	(2,917)	-12.7%
Insurance - General Liability	1,525	1,007	1,100	425	38.6%	7,464	6,043	6,600	864	13.1%
Insurance - Other	212	212	210	2	1.0%	1,273	1,273	1,260	13	1.0%
Regulatory Expense	690	820	900	(210)	-23.3%	4,140	4,919	5,400	(1,260)	-23.3%
Bad Debt Expense	285	161	250	35	13.8%	542	1,199	1,500	(958)	-63.9%
Miscellaneous Expenses	4,311	2,354	700	3,611	515.8%	8,916	3,792	4,200	4,716	112.3%
<b>SUBTOTAL - Operating Expense:</b>	<b>382,776</b>	<b>344,984</b>	<b>368,470</b>	<b>14,306</b>	<b>3.9%</b>	<b>2,225,075</b>	<b>2,008,784</b>	<b>2,188,300</b>	<b>36,775</b>	<b>1.7%</b>
<b>OTHER EXPENSES</b>										
Depreciation	156,247	128,521	160,700	(4,453)	-2.8%	937,639	745,385	954,300	(16,661)	-1.7%
Misc Non-Operating Income	0	0	0	0	0.0%	(4)	(12)	0	(4)	100.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	30,950	8,104	32,300	(1,350)	-4.2%	188,365	48,721	193,800	(5,435)	-2.8%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	915	1,100	(471)	-42.8%	4,842	4,574	6,600	(1,758)	-26.6%
<b>SUBTOTAL - Other Expenses</b>	<b>187,827</b>	<b>137,540</b>	<b>194,100</b>	<b>(6,273)</b>	<b>-3.2%</b>	<b>1,130,843</b>	<b>798,668</b>	<b>1,154,700</b>	<b>(23,857)</b>	<b>-2.1%</b>
<b>TOTAL Expenses</b>	<b>570,602</b>	<b>482,523</b>	<b>562,570</b>	<b>8,032</b>	<b>1.4%</b>	<b>3,355,918</b>	<b>2,807,452</b>	<b>3,343,000</b>	<b>12,918</b>	<b>0.4%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$43,587</b>	<b>\$5,686</b>	<b>(\$24,120)</b>	<b>\$67,707</b>	<b>280.7%</b>	<b>(\$139,284)</b>	<b>(\$56,353)</b>	<b>(\$293,400)</b>	<b>\$154,116</b>	<b>52.5%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
July 31, 2023

	<u>Activity</u>	<u>Balance</u>
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	135,393	80,115,651
Construction Work in Progress	293,133	5,103,044
Less Accumulated Depreciation	<u>(157,707)</u>	<u>(19,872,016)</u>
<b>TOTAL UTILITY PLANT</b>	<u>270,820</u>	<u>65,346,679</u>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	49,078	6,430,441
Sinking Funds:		
KIA Loan, Buchanon Park	(48)	2,015
KIA Loan, Plum Springs Rehabilitation	10,210	17,070
USDA, Series 2019	(4,898)	16,468
KRWFC Loan, Series 2021A	(5,478)	68,019
KRWFC Loan, Series 2021A	<u>(142,664)</u>	<u>297,327</u>
Total Sinking Funds	<u>(142,878)</u>	<u>400,898</u>
Debt Service Reserve	-	-
Special Funds:		
AMR \ AMI System	-	200,000
Construction Accounts	(262,116)	7,135,808
Letter of Credit (KEDFA)	329	290,809
Customer Deposits	-	415,122
Total Special Funds	<u>(261,787)</u>	<u>8,041,739</u>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u>(355,587)</u>	<u>14,873,078</u>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	180,484	1,445,742
Accounts Receivable - Customer	23,633	753,678
Accounts Receivable - Misc	(48,471)	610,391
Prepayments	(1,955)	25,442
Deferred Debits	(10,654)	17,945
Other Current Assets	(310)	47,748
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<u>142,728</u>	<u>2,900,946</u>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<u>57,960</u>	<u>83,120,702</u>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
July 31, 2023

	<u>Activity</u>	<u>Balance</u>
LIABILITIES AND OTHER CREDITS		
CAPITAL:		
Contributions in Aid of Construction	75,315	62,584,755
Customer Advance for Construction	-	1,511,210
<b>TOTAL CAPITAL</b>	<u>75,315</u>	<u>64,095,966</u>
LONG TERM DEBT:		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,386)	469,821
KIA Loan, Plum Springs Rehabilitation	-	1,791,312
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,386)</u>	<u>11,126,982</u>
<b>TOTAL LONG TERM DEBT</b>	<u>(3,386)</u>	<u>11,749,982</u>
CURRENT AND ACCRUED LIABILITIES:		
Accounts Payable - General	87,882	709,897
Customer Deposits	4,060	411,022
Interest - Customer Deposits	405	405
Taxes and Equivalents	(824)	14,844
Deferred Credits	(1,022)	73,103
Total Current Liabilities	<u>90,501</u>	<u>1,209,271</u>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	(527)	2
KIA Loan, Plum Springs Rehabilitation	3,009	5,781
USDA, Series 2019	(6,165)	1,233
KRWFC Loan, Series 2021A	(14,461)	244
KRWFC Loan, Series 2022D	(121,339)	6,819
KRWFC Loan, Series 2022D (Arbitrage)	5,975	45,250
Total Interest Accrued - Long Term Debt	<u>(133,508)</u>	<u>60,562</u>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<u>(43,007)</u>	<u>1,269,833</u>
ACCUMULATED EARNINGS:		
Beginning of Year		6,115,167
Current Year to Date	29,038	(110,245)
<b>TOTAL ACCUMULATED EARNINGS</b>	<u>29,038</u>	<u>6,004,922</u>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<u>57,960</u>	<u>83,120,702</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
July 31, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
<b>Metered Revenue</b>	<b>\$526,114</b>	<b>\$551,954</b>	<b>(\$25,840)</b>	<b>-4.7%</b>	<b>\$3,481,024</b>	<b>\$3,227,415</b>	<b>\$253,610</b>	<b>7.9%</b>
Forfeited Discounts	7,561	6,784	777	11.4%	47,323	55,660	(8,337)	-15.0%
Miscellaneous Service Revenue	3,800	4,420	(620)	-14.0%	19,993	20,788	(795)	-3.8%
Other Water Revenue	50	50	(0)	-0.1%	350	350	(0)	0.0%
Interest Income	42,726	3,254	39,471	1,212.9%	253,921	18,067	235,854	1,305.4%
Rental Income	(2,674)	(724)	(1,949)	-269.1%	(8,400)	(5,442)	(2,957)	-54.3%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>577,577</b>	<b>565,738</b>	<b>11,839</b>	<b>2.1%</b>	<b>3,794,210</b>	<b>3,316,837</b>	<b>477,374</b>	<b>14.4%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	25,558	20,734	4,824	23.3%	191,122	172,440	18,681	10.8%
Commissioner Fees	1,250	1,250	0	0.0%	8,750	8,750	0	0.0%
Employee Overhead	13,923	11,211	2,712	24.2%	104,119	95,155	8,964	9.4%
Sewage Disposal	275,784	253,310	22,474	8.9%	1,969,147	1,778,364	190,783	10.7%
Purchased Power	12,854	13,476	(622)	-4.6%	93,286	90,219	3,067	3.4%
Chemicals	2,042	1,232	810	65.7%	20,487	22,412	(1,925)	-8.6%
Materials & Supplies	4,183	2,099	2,083	99.3%	30,214	21,056	9,158	43.5%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	7,972	7,039	933	13.3%
Contractual Servs - Legal	0	170	(170)	-100.0%	1,101	1,797	(696)	-38.8%
Contractual Servs - Other	17,315	11,502	5,812	50.5%	110,574	90,878	19,696	21.7%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	3,332	2,869	463	16.1%	23,415	22,311	1,104	4.9%
Insurance - General Liability	1,385	1,103	282	25.5%	8,849	7,147	1,702	23.8%
Insurance - Other	212	212	0	0.0%	1,485	1,485	(0)	0.0%
Regulatory Expense	644	690	(46)	-6.6%	4,785	5,609	(824)	-14.7%
Bad Debt Expense	218	105	113	107.5%	760	1,304	(544)	-41.7%
Miscellaneous Expenses	(667)	486	(1,152)	-237.4%	8,249	4,278	3,971	92.8%
<b>SUBTOTAL - Operating Expenses</b>	<b>359,239</b>	<b>321,459</b>	<b>37,780</b>	<b>11.8%</b>	<b>2,584,314</b>	<b>2,330,243</b>	<b>254,070</b>	<b>10.9%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	157,707	128,437	29,270	22.8%	1,095,346	873,822	221,524	25.4%
Misc Non-Operating Income	0	0	0	0.0%	(4)	(12)	8	-69.5%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	30,963	8,099	22,864	282.3%	219,329	56,820	162,509	286.0%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	915	(285)	-31.2%	5,471	5,488	(17)	-0.3%
<b>Subtotal - Other Expenses</b>	<b>189,300</b>	<b>137,450</b>	<b>51,849</b>	<b>37.7%</b>	<b>1,320,142</b>	<b>936,118</b>	<b>384,024</b>	<b>41.0%</b>
<b>TOTAL Expenses</b>	<b>548,538</b>	<b>458,909</b>	<b>89,629</b>	<b>19.5%</b>	<b>3,904,456</b>	<b>3,266,361</b>	<b>638,094</b>	<b>19.5%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$29,038</b>	<b>\$106,829</b>	<b>(\$77,790)</b>	<b>-72.8%</b>	<b>(\$110,245)</b>	<b>\$50,475</b>	<b>(\$160,721)</b>	<b>-318.4%</b>

Reviewed by: CDApproved by: JPDate Finalized: 8/17/23

## WARREN COUNTY WATER DISTRICT - SEWER DIVISION

## Statistical Report

July 2023

	MONTH		YEAR TO DATE	
	July 2023	July 2022	July 2023	July 2022
TOTAL GALLONS DISPOSED	88,152,000	84,022,000	629,422,000	589,878,000
GALLONS SOLD:				
Residential	43,184,805	49,314,402	251,598,339	236,172,224
Commercial	77,480,290	82,378,342	542,229,230	517,306,965
<b>TOTAL Sold</b>	<b>120,665,095</b>	<b>131,692,744</b>	<b>793,827,569</b>	<b>753,479,189</b>
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	32,513,095	47,670,744	164,405,569	163,601,189
<b>PERCENTAGE DISPOSED</b>	<b>73.1%</b>	<b>63.8%</b>	<b>79.3%</b>	<b>78.3%</b>
PRECIPITATION	2.60	3.80	27.30	30.50
<b>NEW SEWER APPLICATIONS</b>	<b>73</b>	<b>33</b>	<b>340</b>	<b>375</b>
CUSTOMERS BILLED:				
Residential	9,106	8,457	62,702	58,183
Commercial	887	795	5,916	5,577
TOTAL Billed	9,993	9,252	68,618	63,760
AVG GALLONS PER CUSTOMER:				
Residential	4,742	5,831	4,013	4,059
Commercial	87,351	103,621	91,655	92,757
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$26.46	\$30.67	\$23.69	\$23.68
Commercial	\$321.46	\$367.99	\$337.37	\$331.63
MILES OF COLLECTION MAIN ADDED	-	-	219.570	216.330
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	45.5	42.8	45.5	42.8
COST PER 1,000 GALLONS	\$4.5460	\$3.4847	\$4.9185	\$4.3350
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by: DW  
Approved by: JP  
Date Finalized: 8/17/23



WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
July 31, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE</b>										
Metered Revenue	\$526,114	\$551,954	\$582,400	(\$56,286)	-9.7%	\$3,481,024	\$3,227,415	\$3,401,600	\$79,424	2.3%
Forfeited Discounts	7,561	6,784	9,800	(2,239)	-22.8%	47,323	55,660	57,200	(9,877)	-17.3%
Miscellaneous Service Revenue	3,800	4,420	4,000	(200)	-5.0%	19,993	20,788	23,200	(3,208)	-13.8%
Other Water Revenue	50	50	50	(0)	-0.1%	350	350	350	(0)	0.0%
Interest Income	42,726	3,254	23,200	19,526	84.2%	253,921	18,067	177,700	76,221	42.9%
Rental Income - Office Building	(2,674)	(724)	1,500	(4,174)	-278.3%	(8,400)	(5,442)	10,500	(18,900)	-180.0%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>577,577</b>	<b>565,738</b>	<b>620,950</b>	<b>(43,373)</b>	<b>-7.0%</b>	<b>3,794,210</b>	<b>3,316,837</b>	<b>3,670,550</b>	<b>123,660</b>	<b>3.4%</b>
<b>OPERATING EXPENSES</b>										
Salaries and Wages	25,558	20,734	29,700	(4,142)	-13.9%	191,122	172,440	205,400	(14,278)	-7.0%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	8,750	8,750	8,750	0	0.0%
Fringe Benefits	13,923	11,211	17,300	(3,377)	-19.5%	104,119	95,155	119,500	(15,381)	-12.9%
Sewage Disposal	275,784	253,310	271,300	4,484	1.7%	1,969,147	1,778,364	1,904,600	64,547	3.4%
Purchased Power	12,854	13,476	14,300	(1,446)	-10.1%	93,286	90,219	100,300	(7,014)	-7.0%
Chemicals	2,042	1,232	3,300	(1,258)	-38.1%	20,487	22,412	23,400	(2,913)	-12.5%
Materials & Supplies	4,183	2,099	3,220	963	29.9%	30,214	21,056	22,740	7,474	32.9%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	7,972	7,039	8,260	(288)	-3.5%
Contractual Servs - Legal	0	170	1,200	(1,200)	-100.0%	1,101	1,797	8,400	(7,299)	-86.9%
Contractual Servs - Other	17,315	11,502	15,160	2,155	14.2%	110,574	90,878	102,900	7,674	7.5%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	3,332	2,869	3,900	(568)	-14.6%	23,415	22,311	26,900	(3,485)	-13.0%
Insurance - General Liability	1,385	1,103	1,200	185	15.4%	8,849	7,147	7,800	1,049	13.4%
Insurance - Other	212	212	210	2	1.0%	1,485	1,485	1,470	15	1.0%
Regulatory Expense	644	690	900	(256)	-28.4%	4,785	5,609	6,300	(1,515)	-24.1%
Bad Debt Expense	218	105	250	(32)	-12.7%	760	1,304	1,750	(990)	-56.6%
Miscellaneous Expenses	(667)	486	700	(1,367)	-195.3%	8,249	4,278	4,900	3,349	68.4%
<b>SUBTOTAL - Operating Expense:</b>	<b>359,239</b>	<b>321,459</b>	<b>365,070</b>	<b>(5,831)</b>	<b>-1.6%</b>	<b>2,584,314</b>	<b>2,330,243</b>	<b>2,553,370</b>	<b>30,944</b>	<b>1.2%</b>
<b>OTHER EXPENSES</b>										
Depreciation	157,707	128,437	162,500	(4,793)	-2.9%	1,095,346	873,822	1,116,800	(21,454)	-1.9%
Misc Non-Operating Income	0	0	0	0	0.0%	(4)	(12)	0	(4)	100.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	30,963	8,099	32,300	(1,337)	-4.1%	219,329	56,820	226,100	(6,771)	-3.0%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	915	1,100	(471)	-42.8%	5,471	5,488	7,700	(2,229)	-28.9%
<b>SUBTOTAL - Other Expenses</b>	<b>189,300</b>	<b>137,450</b>	<b>195,900</b>	<b>(6,600)</b>	<b>-3.4%</b>	<b>1,320,142</b>	<b>936,118</b>	<b>1,350,600</b>	<b>(30,458)</b>	<b>-2.3%</b>
<b>TOTAL Expenses</b>	<b>548,538</b>	<b>458,909</b>	<b>560,970</b>	<b>(12,432)</b>	<b>-2.2%</b>	<b>3,904,456</b>	<b>3,266,361</b>	<b>3,903,970</b>	<b>486</b>	<b>0.0%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$29,038</b>	<b>\$106,829</b>	<b>\$59,980</b>	<b>(\$30,942)</b>	<b>-51.6%</b>	<b>(\$110,245)</b>	<b>\$50,475</b>	<b>(\$233,420)</b>	<b>\$123,175</b>	<b>52.8%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
 Balance Sheet  
 August 31, 2023

	<u>Activity</u>	<u>Balance</u>
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	1,462,505	81,578,156
Construction Work in Progress	506,946	5,609,990
Less Accumulated Depreciation	<u>(160,548)</u>	<u>(20,032,564)</u>
<b>TOTAL UTILITY PLANT</b>	<u>1,808,903</u>	<u>67,155,582</u>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	42,635	6,473,075
<b>Sinking Funds:</b>		
KIA Loan, Buchanan Park	(48)	1,967
KIA Loan, Plum Springs Rehabilitation	10,210	27,280
USDA, Series 2019	2,500	18,968
KRWFC Loan, Series 2021A	11,971	79,990
KRWFC Loan, Series 2021A	<u>1,859</u>	<u>299,186</u>
<b>Total Sinking Funds</b>	<u>26,493</u>	<u>427,391</u>
Debt Service Reserve	-	-
<b>Special Funds:</b>		
AMR \ AMI System	-	200,000
Construction Accounts	26,552	7,162,360
Letter of Credit (KEDFA)	329	291,138
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<u>26,881</u>	<u>8,068,620</u>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u>96,008</u>	<u>14,969,085</u>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	(2,827)	1,442,915
Accounts Receivable - Customer	25,211	778,889
Accounts Receivable - Misc	22,436	632,827
Prepayments	(1,955)	23,488
Deferred Debits	(22,555)	(4,610)
Other Current Assets	<u>4,746</u>	<u>52,494</u>
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<u>25,057</u>	<u>2,926,002</u>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<u>1,929,968</u>	<u>85,050,670</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Balance Sheet  
August 31, 2023

	<u>Activity</u>	<u>Balance</u>
LIABILITIES AND OTHER CREDITS		
CAPITAL:		
Contributions in Aid of Construction	1,597,616	64,182,371
Customer Advance for Construction	71,040	1,582,250
TOTAL CAPITAL	<u>1,668,656</u>	<u>65,764,622</u>
LONG TERM DEBT:		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,395)	466,427
KIA Loan, Plum Springs Rehabilitation	-	1,791,312
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,395)</u>	<u>11,123,587</u>
TOTAL LONG TERM DEBT	<u>(3,395)</u>	<u>11,746,587</u>
CURRENT AND ACCRUED LIABILITIES:		
Accounts Payable - General	209,679	919,576
Customer Deposits	5,445	416,467
Interest - Customer Deposits	434	839
Taxes and Equivalents	974	15,818
Deferred Credits	(1,022)	72,081
Total Current Liabilities	<u>215,510</u>	<u>1,424,781</u>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	108	110
KIA Loan, Plum Springs Rehabilitation	3,009	8,790
USDA, Series 2019	1,233	2,466
KRWFC Loan, Series 2021A	2,927	3,171
KRWFC Loan, Series 2022D	23,117	29,936
KRWFC Loan, Series 2022D (Arbitrage)	9,293	54,543
Total Interest Accrued - Long Term Debt	<u>39,687</u>	<u>100,249</u>
TOTAL CURRENT AND ACCRUED LIABILITIES	<u>255,197</u>	<u>1,525,030</u>
ACCUMULATED EARNINGS:		
Beginning of Year		6,115,167
Current Year to Date	9,509	(100,736)
TOTAL ACCUMULATED EARNINGS	<u>9,509</u>	<u>6,014,431</u>
TOTAL LIABILITIES AND OTHER CREDITS	<u>1,929,968</u>	<u>85,050,670</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
August 31, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$543,040	\$495,967	\$47,074	9.5%	\$4,024,065	\$3,723,382	\$300,683	8.1%
Forfeited Discounts	5,533	6,835	(1,302)	-19.0%	52,856	62,494	(9,638)	-15.4%
Miscellaneous Service Revenue	3,588	4,545	(958)	-21.1%	23,580	25,333	(1,753)	-6.9%
Other Water Revenue	50	50	0	0.0%	400	400	(0)	0.0%
Interest Income	37,616	3,259	34,357	1,054.2%	291,536	21,326	270,211	1,267.1%
Rental Income	(1,198)	1,376	(2,574)	-187.0%	(9,597)	(4,066)	(5,531)	-136.0%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>588,629</b>	<b>512,031</b>	<b>76,598</b>	<b>15.0%</b>	<b>4,382,840</b>	<b>3,828,868</b>	<b>553,972</b>	<b>14.5%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	30,216	25,911	4,305	16.6%	221,337	198,351	22,986	11.6%
Commissioner Fees	1,250	1,250	0	0.0%	10,000	10,000	0	0.0%
Employee Overhead	17,266	15,547	1,719	11.1%	121,385	110,702	10,683	9.7%
Sewage Disposal	284,794	270,129	14,665	5.4%	2,253,940	2,048,493	205,447	10.0%
Purchased Power	13,008	11,853	1,155	9.7%	106,294	102,072	4,222	4.1%
Chemicals	1,723	2,875	(1,153)	-40.1%	22,209	25,287	(3,078)	-12.2%
Materials & Supplies	7,688	2,028	5,660	279.1%	37,902	23,084	14,818	64.2%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	9,178	8,049	1,129	14.0%
Contractual Servs - Legal	772	190	582	306.6%	1,873	1,987	(114)	-5.7%
Contractual Servs - Other	21,705	13,054	8,651	66.3%	132,279	103,933	28,347	27.3%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	4,239	3,252	987	30.4%	27,654	25,563	2,092	8.2%
Insurance - General Liability	1,385	1,103	282	25.5%	10,234	8,250	1,984	24.0%
Insurance - Other	212	212	0	0.0%	1,697	1,697	0	0.0%
Regulatory Expense	644	690	(46)	-6.6%	5,429	6,299	(870)	-13.8%
Bad Debt Expense	179	(20)	199	1,010.4%	939	1,284	(345)	-26.9%
Miscellaneous Expenses	666	671	(5)	-0.8%	8,915	4,949	3,966	80.1%
<b>SUBTOTAL - Operating Expenses</b>	<b>386,952</b>	<b>349,755</b>	<b>37,197</b>	<b>10.6%</b>	<b>2,971,266</b>	<b>2,679,999</b>	<b>291,267</b>	<b>10.9%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	160,548	129,641	30,907	23.8%	1,255,894	1,003,463	252,431	25.2%
Misc Non-Operating Income	0	0	0	0.0%	(4)	(12)	8	-69.5%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	30,991	8,084	22,907	283.4%	250,319	64,904	185,416	285.7%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	915	(285)	-31.2%	6,101	6,403	(302)	-4.7%
<b>Subtotal - Other Expenses</b>	<b>192,168</b>	<b>138,640</b>	<b>53,528</b>	<b>38.6%</b>	<b>1,512,310</b>	<b>1,074,758</b>	<b>437,553</b>	<b>40.7%</b>
<b>TOTAL Expenses</b>	<b>579,120</b>	<b>488,395</b>	<b>90,725</b>	<b>18.6%</b>	<b>4,483,576</b>	<b>3,754,757</b>	<b>728,819</b>	<b>19.4%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$9,509</b>	<b>\$23,636</b>	<b>(\$14,127)</b>	<b>-59.8%</b>	<b>(\$100,736)</b>	<b>\$74,112</b>	<b>(\$174,848)</b>	<b>-235.9%</b>

Reviewed by CD

Approved by JP

Date Finalized: 9/21/23

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
**Statistical Report**  
**August 2023**

	MONTH		YEAR TO DATE	
	August 2023	August 2022	August 2023	August 2022
TOTAL GALLONS DISPOSED	91,032,000	89,601,000	720,454,000	679,479,000
GALLONS SOLD:				
Residential	40,493,588	37,973,856	292,091,927	274,146,080
Commercial	85,561,203	81,485,559	627,790,433	598,792,524
<b>TOTAL Sold</b>	<b>126,054,791</b>	<b>119,459,415</b>	<b>919,882,360</b>	<b>872,938,604</b>
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	35,022,791	29,858,415	199,428,360	193,459,604
PERCENTAGE DISPOSED	72.2%	75.0%	78.3%	77.8%
PRECIPITATION	6.10	9.20	33.40	39.70
<b>NEW SEWER APPLICATIONS</b>	<b>58</b>	<b>96</b>	<b>398</b>	<b>471</b>
CUSTOMERS BILLED:				
Residential	9,188	8,584	71,890	66,767
Commercial	896	803	6,812	6,380
<b>TOTAL Billed</b>	<b>10,084</b>	<b>9,387</b>	<b>78,702</b>	<b>73,147</b>
AVG GALLONS PER CUSTOMER:				
Residential	4,407	4,424	4,063	4,106
Commercial	95,492	101,476	92,159	93,855
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$25.23	\$24.10	\$23.88	\$23.74
Commercial	\$347.35	\$360.06	\$338.69	\$335.21
MILES OF COLLECTION MAIN ADDED	-	-	219.570	216.330
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	45.9	43.4	45.9	43.4
COST PER 1,000 GALLONS	\$4.5942	\$4.0884	\$4.8741	\$4.3013
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by:           DW            
Approved by:           JP            
Date Finalized:           9/21/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
August 31, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE</b>										
Metered Revenue	\$543,040	\$495,967	\$523,500	\$19,540	3.7%	\$4,024,065	\$3,723,382	\$3,925,100	\$98,965	2.5%
Forfeited Discounts	5,533	6,835	8,800	(3,267)	-37.1%	52,856	62,494	66,000	(13,144)	-19.9%
Miscellaneous Service Revenue	3,588	4,545	3,600	(13)	-0.3%	23,580	25,333	26,800	(3,220)	-12.0%
Other Water Revenue	50	50	50	0	0.0%	400	400	400	(0)	0.0%
Interest Income	37,616	3,259	23,200	14,416	62.1%	291,536	21,326	200,900	90,636	45.1%
Rental Income - Office Building	(1,198)	1,376	1,500	(2,698)	-179.8%	(9,597)	(4,066)	12,000	(21,597)	-180.0%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>588,629</b>	<b>512,031</b>	<b>560,650</b>	<b>27,979</b>	<b>5.0%</b>	<b>4,382,840</b>	<b>3,828,868</b>	<b>4,231,200</b>	<b>151,640</b>	<b>3.6%</b>
<b>OPERATING EXPENSES</b>										
Salaries and Wages	30,216	25,911	31,200	(984)	-3.2%	221,337	198,351	236,600	(15,263)	-6.5%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	10,000	10,000	10,000	0	0.0%
Fringe Benefits	17,266	15,547	18,200	(934)	-5.1%	121,385	110,702	137,700	(16,315)	-11.8%
Sewage Disposal	284,794	270,129	289,300	(4,506)	-1.6%	2,253,940	2,048,493	2,193,900	60,040	2.7%
Purchased Power	13,008	11,853	15,200	(2,192)	-14.4%	106,294	102,072	115,500	(9,206)	-8.0%
Chemicals	1,723	2,875	3,600	(1,877)	-52.1%	22,209	25,287	27,000	(4,791)	-17.7%
Materials & Supplies	7,688	2,028	3,220	4,468	138.8%	37,902	23,084	25,960	11,942	46.0%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	9,178	8,049	9,440	(262)	-2.8%
Contractual Servs - Legal	772	190	1,200	(428)	-35.6%	1,873	1,987	9,600	(7,727)	-80.5%
Contractual Servs - Other	21,705	13,054	14,700	7,005	47.7%	132,279	103,933	117,600	14,679	12.5%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	4,239	3,252	4,100	139	3.4%	27,654	25,563	31,000	(3,346)	-10.8%
Insurance - General Liability	1,385	1,103	1,200	185	15.4%	10,234	8,250	9,000	1,234	13.7%
Insurance - Other	212	212	210	2	1.0%	1,697	1,697	1,680	17	1.0%
Regulatory Expense	644	690	900	(256)	-28.4%	5,429	6,299	7,200	(1,771)	-24.6%
Bad Debt Expense	179	(20)	250	(71)	-28.4%	939	1,284	2,000	(1,061)	-53.1%
Miscellaneous Expenses	666	671	700	(34)	-4.9%	8,915	4,949	5,600	3,315	59.2%
<b>SUBTOTAL - Operating Expense:</b>	<b>386,952</b>	<b>349,755</b>	<b>386,410</b>	<b>542</b>	<b>0.1%</b>	<b>2,971,266</b>	<b>2,679,999</b>	<b>2,939,780</b>	<b>31,486</b>	<b>1.1%</b>
<b>OTHER EXPENSES</b>										
Depreciation	160,548	129,641	163,000	(2,452)	-1.5%	1,255,894	1,003,463	1,279,800	(23,906)	-1.9%
Misc Non-Operating Income	0	0	0	0	0.0%	(4)	(12)	0	(4)	100.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	30,991	8,084	32,300	(1,309)	-4.1%	250,319	64,904	258,400	(8,081)	-3.1%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	915	1,100	(471)	-42.8%	6,101	6,403	8,800	(2,699)	-30.7%
<b>SUBTOTAL - Other Expenses</b>	<b>192,168</b>	<b>138,640</b>	<b>196,400</b>	<b>(4,232)</b>	<b>-2.2%</b>	<b>1,512,310</b>	<b>1,074,758</b>	<b>1,547,000</b>	<b>(34,690)</b>	<b>-2.2%</b>
<b>TOTAL Expenses</b>	<b>579,120</b>	<b>488,395</b>	<b>582,810</b>	<b>(3,690)</b>	<b>-0.6%</b>	<b>4,483,576</b>	<b>3,754,757</b>	<b>4,486,780</b>	<b>(3,204)</b>	<b>-0.1%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$9,509</b>	<b>\$23,636</b>	<b>(\$22,160)</b>	<b>\$31,669</b>	<b>142.9%</b>	<b>(\$100,736)</b>	<b>\$74,112</b>	<b>(\$255,580)</b>	<b>\$154,844</b>	<b>60.6%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
 Balance Sheet  
 September 30, 2023

	<u>Activity</u>	<u>Balance</u>
<b>ASSETS AND OTHER DEBITS</b>		
UTILITY PLANT:		
Utility Plant in Service	-	81,578,156
Construction Work in Progress	535,452	6,145,442
Less Accumulated Depreciation	(160,544)	(20,193,108)
<b>TOTAL UTILITY PLANT</b>	<u>374,908</u>	<u>67,530,490</u>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	243,287	6,716,362
Sinking Funds:		
KIA Loan, Buchanan Park	(47)	1,920
KIA Loan, Plum Springs Rehabilitation	10,210	37,490
USDA, Series 2019	2,500	21,468
KRWFC Loan, Series 2021A	11,966	91,955
KRWFC Loan, Series 2021A	1,317	300,503
<b>Total Sinking Funds</b>	<u>25,945</u>	<u>453,336</u>
Debt Service Reserve	-	-
Special Funds:		
AMR \ AMI System	(200,000)	-
Construction Accounts	(416,720)	6,745,640
Letter of Credit (KEDFA)	319	291,456
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<u>(616,401)</u>	<u>7,452,218</u>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<u>(347,169)</u>	<u>14,621,916</u>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	(194,697)	1,248,218
Accounts Receivable - Customer	21,062	799,951
Accounts Receivable - Misc	329,358	962,185
Prepayments	(1,955)	21,533
Deferred Debits	(1,539)	(6,150)
Other Current Assets	19,701	72,194
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<u>171,928</u>	<u>3,097,931</u>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<u>199,667</u>	<u>85,250,337</u>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
September 30, 2023

	<u>Activity</u>	<u>Balance</u>
LIABILITIES AND OTHER CREDITS		
CAPITAL:		
Contributions in Aid of Construction	408,589	64,590,961
Customer Advance for Construction	(4,000)	1,578,250
TOTAL CAPITAL	<u>404,589</u>	<u>66,169,211</u>
LONG TERM DEBT:		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,403)	463,023
KIA Loan, Plum Springs Rehabilitation	-	1,791,312
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,403)</u>	<u>11,120,184</u>
TOTAL LONG TERM DEBT	<u>(3,403)</u>	<u>11,743,184</u>
CURRENT AND ACCRUED LIABILITIES:		
Accounts Payable - General	(292,576)	627,000
Customer Deposits	(1,140)	415,327
Interest - Customer Deposits	(839)	-
Taxes and Equivalents	299	16,117
Deferred Credits	(1,022)	71,060
Total Current Liabilities	<u>(295,277)</u>	<u>1,129,504</u>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	103	213
KIA Loan, Plum Springs Rehabilitation	2,281	11,071
USDA, Series 2019	1,086	3,552
KRWFC Loan, Series 2021A	2,648	5,819
KRWFC Loan, Series 2022D	22,904	52,840
KRWFC Loan, Series 2022D (Arbitrage)	8,013	62,555
Total Interest Accrued - Long Term Debt	<u>37,034</u>	<u>137,283</u>
TOTAL CURRENT AND ACCRUED LIABILITIES	<u>(258,243)</u>	<u>1,266,787</u>
ACCUMULATED EARNINGS:		
Beginning of Year		6,115,167
Current Year to Date	56,724	(44,012)
TOTAL ACCUMULATED EARNINGS	<u>56,724</u>	<u>6,071,155</u>
TOTAL LIABILITIES AND OTHER CREDITS	<u>199,667</u>	<u>85,250,337</u>



WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Summary of Revenue & Expense  
Actual vs. Prior Year  
September 30, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
<b>Metered Revenue</b>	<b>\$665,266</b>	<b>\$537,738</b>	<b>\$17,528</b>	3.3%	<b>\$4,679,331</b>	\$4,261,120	\$318,212	7.5%
Forfeited Discounts	8,878	10,395	(1,517)	-14.6%	61,734	72,890	(11,156)	-15.3%
Miscellaneous Service Revenue	2,953	3,283	(330)	-10.1%	26,533	28,615	(2,083)	-7.3%
Other Water Revenue	50	50	0	0.1%	450	450	(0)	0.0%
Interest Income	47,998	3,165	44,833	1,416.6%	339,534	24,491	315,044	1,286.4%
Rental Income	(2,932)	(882)	(2,050)	-232.3%	(12,529)	(4,948)	(7,581)	-153.2%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>612,213</b>	553,748	58,464	10.6%	<b>4,995,053</b>	4,382,617	612,436	14.0%
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	24,965	23,865	1,100	4.6%	246,302	222,216	24,086	10.8%
Commissioner Fees	1,250	1,250	0	0.0%	11,250	11,250	0	0.0%
Employee Overhead	14,266	14,319	(53)	-0.4%	135,650	125,020	10,630	8.5%
Sewage Disposal	278,377	313,458	(35,081)	-11.2%	2,532,317	2,361,951	170,366	7.2%
Purchased Power	12,918	13,863	(945)	-6.8%	119,212	115,935	3,278	2.8%
Chemicals	1,723	2,875	(1,153)	-40.1%	23,932	28,163	(4,231)	-15.0%
Materials & Supplies	4,373	2,809	1,563	55.7%	42,275	25,893	16,382	63.3%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	10,383	9,058	1,325	14.6%
Contractual Servs - Legal	0	125	(125)	-100.0%	1,873	2,112	(239)	-11.3%
Contractual Servs - Other	17,921	12,985	4,936	38.0%	150,200	116,918	33,283	28.5%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	3,495	2,998	497	16.6%	31,149	28,561	2,589	9.1%
Insurance - General Liability	1,385	1,103	282	25.5%	11,619	9,354	2,266	24.2%
Insurance - Other	212	212	0	0.0%	1,909	1,909	0	0.0%
Regulatory Expense	644	690	(46)	-6.6%	6,073	6,989	(916)	-13.1%
Bad Debt Expense	226	(293)	518	177.2%	1,165	991	173	17.5%
Miscellaneous Expenses	1,797	538	1,258	233.7%	10,712	5,487	5,224	95.2%
<b>SUBTOTAL - Operating Expenses</b>	<b>364,757</b>	391,808	(27,051)	-6.9%	<b>3,336,023</b>	3,071,807	264,216	8.6%
<b>OTHER EXPENSES:</b>								
Depreciation	160,544	129,040	31,504	24.4%	1,416,438	1,132,503	283,935	25.1%
Misc Non-Operating Income	0	0	0	0.0%	(4)	(12)	8	-69.5%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	29,559	8,078	21,480	265.9%	279,878	72,982	206,896	283.5%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	915	(285)	-31.2%	6,730	7,318	(588)	-8.0%
<b>Subtotal - Other Expenses</b>	<b>190,732</b>	138,033	52,699	38.2%	<b>1,703,042</b>	1,212,791	490,252	40.4%
<b>TOTAL Expenses</b>	<b>555,489</b>	529,841	25,648	4.8%	<b>5,039,065</b>	4,284,597	754,468	17.6%
<b>NET INCOME \ (LOSS)</b>	<b>\$66,724</b>	<b>\$23,908</b>	<b>\$32,816</b>	137.3%	<b>(\$44,012)</b>	<b>\$98,019</b>	<b>(\$142,032)</b>	-144.9%

Reviewed by: CDApproved by: JPDate Finalized: 10/19/23

## WARREN COUNTY WATER DISTRICT - SEWER DIVISION

Statistical Report  
September 2023

\*\*Revised Gallons Disposed 11/16/22

	MONTH		YEAR TO DATE	
	September 2023	September 2023	September 2023	September 2023
TOTAL GALLONS DISPOSED	88,981,000	93,549,294	809,435,000	773,028,294
GALLONS SOLD:				
Residential	41,458,378	37,291,411	333,550,305	311,437,491
Commercial	87,620,415	89,900,776	715,410,848	688,693,300
TOTAL Sold	129,078,793	127,192,187	1,048,961,153	1,000,130,791
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	40,097,793	33,642,893	239,526,153	227,102,497
<b>PERCENTAGE DISPOSED</b>	<b>68.9%</b>	<b>73.5%</b>	<b>77.2%</b>	<b>77.3%</b>
PRECIPITATION	3.60	2.10	37.00	41.80
<b>NEW SEWER APPLICATIONS</b>	<b>59</b>	<b>49</b>	<b>457</b>	<b>520</b>
CUSTOMERS BILLED:				
Residential	9,194	8,584	81,084	75,351
Commercial	877	819	7,689	7,199
TOTAL Billed	10,071	9,403	88,773	82,550
AVG GALLONS PER CUSTOMER:				
Residential	4,509	4,344	4,114	4,133
Commercial	99,909	109,769	93,043	95,665
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$25.56	\$24.65	\$24.07	\$23.84
Commercial	\$365.16	\$398.27	\$341.71	\$342.39
MILES OF COLLECTION MAIN ADDED	-	-	219.570	216.330
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	45.9	43.5	45.9	43.5
COST PER 1,000 GALLONS	\$4.3035	\$4.1657	\$4.8039	\$4.2840
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.0148	\$3.1285	\$3.0148

Reviewed by: DW  
Approved by: JP  
Date Finalized: 10/19/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
September 30, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$556,266	\$537,738	\$556,700	(\$434)	-0.1%	\$4,579,331	\$4,261,120	\$4,480,800	\$98,531	2.2%
Forfeited Discounts	8,878	10,395	9,300	(422)	-4.5%	61,734	72,890	75,300	(13,566)	-18.0%
Miscellaneous Service Revenue	2,953	3,283	3,800	(848)	-22.3%	26,533	28,615	30,600	(4,068)	-13.3%
Other Water Revenue	50	50	50	0	0.1%	450	450	450	0	0.0%
Interest Income	47,998	3,165	22,600	25,398	112.4%	339,534	24,491	223,500	116,034	51.9%
Rental Income - Office Building	(2,932)	(882)	1,500	(4,432)	-295.5%	(12,529)	(4,948)	13,500	(26,029)	-192.8%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>612,213</b>	<b>553,748</b>	<b>592,950</b>	<b>19,263</b>	<b>3.2%</b>	<b>4,995,053</b>	<b>4,382,617</b>	<b>4,824,150</b>	<b>170,903</b>	<b>3.5%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	24,965	23,865	27,000	(2,035)	-7.5%	246,302	222,216	263,600	(17,298)	-6.6%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	11,250	11,250	11,250	0	0.0%
Fringe Benefits	14,266	14,319	16,700	(1,434)	-9.1%	135,650	125,020	153,400	(17,750)	-11.6%
Sewage Disposal	278,377	313,458	322,700	(44,323)	-13.7%	2,532,317	2,361,951	2,516,600	15,717	0.6%
Purchased Power	12,918	13,863	15,900	(2,982)	-18.8%	119,212	115,935	131,400	(12,188)	-9.3%
Chemicals	1,723	2,875	4,000	(2,277)	-56.9%	23,932	28,163	31,000	(7,068)	-22.8%
Materials & Supplies	4,373	2,809	3,320	1,053	31.7%	42,275	25,893	29,280	12,995	44.4%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	10,383	9,058	10,620	(237)	-2.2%
Contractual Servs - Legal	0	125	1,200	(1,200)	-100.0%	1,873	2,112	10,800	(8,927)	-82.7%
Contractual Servs - Other	17,921	12,985	14,700	3,221	21.9%	150,200	116,918	132,300	17,900	13.5%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	3,495	2,998	3,500	(5)	-0.1%	31,149	28,561	34,500	(3,351)	-9.7%
Insurance - General Liability	1,385	1,103	1,200	185	15.4%	11,619	9,354	10,200	1,419	13.9%
Insurance - Other	212	212	210	2	1.0%	1,909	1,909	1,890	19	1.0%
Regulatory Expense	644	690	900	(256)	-28.4%	6,073	6,989	8,100	(2,027)	-25.0%
Bad Debt Expense	226	(293)	250	(24)	-9.7%	1,165	991	2,250	(1,085)	-48.2%
Miscellaneous Expenses	1,797	538	700	1,097	156.7%	10,712	5,487	6,300	4,412	70.0%
<b>SUBTOTAL - Operating Expenses</b>	<b>364,757</b>	<b>391,808</b>	<b>413,710</b>	<b>(48,953)</b>	<b>-11.8%</b>	<b>3,336,023</b>	<b>3,071,807</b>	<b>3,363,490</b>	<b>(17,467)</b>	<b>-0.5%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	160,544	129,040	163,700	(3,156)	-1.9%	1,416,438	1,132,503	1,443,500	(27,062)	-1.9%
Misc Non-Operating Income	0	0	0	0	0.0%	(4)	(12)	0	(4)	100.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	29,559	8,078	32,300	(2,741)	-8.5%	279,878	72,982	290,700	(10,822)	-3.7%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	915	1,100	(471)	-42.8%	6,730	7,318	9,900	(3,170)	-32.0%
<b>SUBTOTAL - Other Expenses</b>	<b>190,732</b>	<b>138,033</b>	<b>197,100</b>	<b>(6,368)</b>	<b>-3.2%</b>	<b>1,703,042</b>	<b>1,212,791</b>	<b>1,744,100</b>	<b>(41,058)</b>	<b>-2.4%</b>
<b>TOTAL Expenses</b>	<b>555,489</b>	<b>529,841</b>	<b>610,810</b>	<b>(55,321)</b>	<b>-9.1%</b>	<b>5,039,065</b>	<b>4,284,597</b>	<b>5,097,590</b>	<b>(58,525)</b>	<b>-1.1%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$56,724</b>	<b>\$23,908</b>	<b>(\$17,860)</b>	<b>\$74,584</b>	<b>417.6%</b>	<b>(\$44,012)</b>	<b>\$98,019</b>	<b>(\$273,440)</b>	<b>\$229,428</b>	<b>83.9%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
October 31, 2023

	<u>Activity</u>	<u>Balance</u>
ASSETS AND OTHER DEBITS		
UTILITY PLANT:		
Utility Plant in Service	48,029	81,626,185
Construction Work in Progress	176,907	6,322,349
Less Accumulated Depreciation	<u>(160,677)</u>	<u>(20,353,785)</u>
TOTAL UTILITY PLANT	<u>64,259</u>	<u>67,594,748</u>
OTHER PROPERTY AND INVESTMENTS		
Depreciation Reserve	49,074	6,765,436
Sinking Funds:		
KIA Loan, Buchanon Park	(47)	1,873
KIA Loan, Plum Springs Rehabilitation	10,210	47,700
USDA, Series 2019	2,500	23,968
KRWFC Loan, Series 2021A	12,008	103,963
KRWFC Loan, Series 2021A	<u>1,284</u>	<u>301,787</u>
Total Sinking Funds	25,956	479,292
Debt Service Reserve	-	-
Special Funds:		
Constntruction Accounts	22,830	6,768,471
Letter of Credit (KEDFA)	329	291,785
Customer Deposits	-	415,122
Total Special Funds	<u>23,159</u>	<u>7,475,378</u>
TOTAL OTHER PROPERTY AND INVESTMENTS	<u>98,189</u>	<u>14,720,105</u>
CURRENT AND ACCRUED ASSETS:		
Cash - General Operations	291,523	1,539,741
Accounts Receivable - Customer	(36,905)	763,046
Accounts Receivable - Misc	(152,742)	809,443
Prepayments	(1,955)	19,578
Deferred Debits	(14,242)	(20,392)
Other Current Assets	<u>4,309</u>	<u>76,503</u>
TOTAL CURRENT AND ACCRUED ASSETS	<u>89,989</u>	<u>3,187,919</u>
TOTAL ASSETS AND OTHER DEBITS	<u>252,437</u>	<u>85,502,773</u>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
 Balance Sheet  
 October 31, 2023

	<u>Activity</u>	<u>Balance</u>
LIABILITIES AND OTHER CREDITS		
CAPITAL:		
Contributions in Aid of Construction	196,525	64,787,486
Customer Advance for Construction	(6,800)	1,571,450
<b>TOTAL CAPITAL</b>	<u>189,725</u>	<u>66,358,936</u>
LONG TERM DEBT:		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,412)	459,612
KIA Loan, Plum Springs Rehabilitation	-	1,791,312
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	<u>(3,412)</u>	<u>11,116,772</u>
<b>TOTAL LONG TERM DEBT</b>	<u>(3,412)</u>	<u>11,739,772</u>
CURRENT AND ACCRUED LIABILITIES:		
Accounts Payable - General	(23,714)	603,286
Customer Deposits	915	416,242
Interest - Customer Deposits	400	400
Taxes and Equivalents	(43)	16,074
Deferred Credits	(1,022)	70,038
Total Current Liabilities	<u>(23,464)</u>	<u>1,106,039</u>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	105	318
KIA Loan, Plum Springs Rehabilitation	2,281	13,352
USDA, Series 2019	1,086	4,638
KRWFC Loan, Series 2021A	2,892	8,711
KRWFC Loan, Series 2022D	22,904	75,744
KRWFC Loan, Series 2022D (Arbitrage)	11,415	73,970
Total Interest Accrued - Long Term Debt	<u>40,683</u>	<u>177,966</u>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<u>17,219</u>	<u>1,284,006</u>
ACCUMULATED EARNINGS:		
Beginning of Year		6,115,167
Current Year to Date	48,904	4,892
<b>TOTAL ACCUMULATED EARNINGS</b>	<u>48,904</u>	<u>6,120,059</u>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<u>252,437</u>	<u>85,502,773</u>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
October 31, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$554,772	\$523,332	\$31,441	6.0%	\$5,134,103	\$4,784,451	\$349,652	7.3%
Forfeited Discounts	7,265	5,284	1,981	37.5%	68,998	78,174	(9,175)	-11.7%
Miscellaneous Service Revenue	3,200	3,308	(108)	-3.3%	29,733	31,923	(2,190)	-6.9%
Other Water Revenue	50	50	(0)	0.0%	500	500	(0)	0.0%
Interest Income	41,088	3,272	37,816	1,155.9%	380,622	27,762	352,860	1,271.0%
Rental Income	1,488	(3,898)	5,386	138.2%	(11,042)	(8,847)	(2,195)	-24.8%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>607,862</b>	<b>531,347</b>	<b>76,516</b>	<b>14.4%</b>	<b>5,602,915</b>	<b>4,913,963</b>	<b>688,952</b>	<b>14.0%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	24,699	24,230	470	1.9%	271,002	246,446	24,556	10.0%
Commissioner Fees	1,250	1,250	0	0.0%	12,500	12,500	0	0.0%
Employee Overhead	14,114	14,538	(424)	-2.9%	149,764	139,558	10,206	7.3%
Sewage Disposal	278,205	245,406	32,799	13.4%	2,810,522	2,607,357	203,166	7.8%
Purchased Power	12,459	13,030	(571)	-4.4%	131,671	128,964	2,707	2.1%
Chemicals	3,499	1,643	1,856	112.9%	27,431	29,806	(2,375)	-8.0%
Materials & Supplies	3,882	2,493	1,390	55.8%	46,157	28,386	17,771	62.6%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	11,589	10,068	1,521	15.1%
Contractual Servs - Legal	2,322	66	2,256	3,434.2%	4,195	2,177	2,018	92.7%
Contractual Servs - Other	16,789	12,024	4,764	39.6%	166,989	128,942	38,047	29.5%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	2,631	3,286	(655)	-19.9%	33,780	31,846	1,934	6.1%
Insurance - General Liability	1,385	1,103	282	25.5%	13,004	10,457	2,547	24.4%
Insurance - Other	212	212	0	0.0%	2,121	2,121	0	0.0%
Regulatory Expense	644	690	(46)	-6.6%	6,718	7,679	(961)	-12.5%
Bad Debt Expense	2,635	58	2,577	4,472.0%	3,800	1,049	2,750	262.2%
Miscellaneous Expenses	1,911	518	1,393	268.7%	12,623	6,006	6,617	110.2%
<b>SUBTOTAL - Operating Expenses</b>	<b>367,844</b>	<b>321,556</b>	<b>46,288</b>	<b>14.4%</b>	<b>3,703,866</b>	<b>3,393,363</b>	<b>310,504</b>	<b>9.2%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	160,677	128,959	31,718	24.6%	1,577,115	1,261,462	315,653	25.0%
Misc Non-Operating Income	0	0	0	0.0%	(4)	(12)	8	-69.5%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	29,808	8,056	21,752	270.0%	309,686	81,038	228,648	282.1%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	629	915	(285)	-31.2%	7,360	8,232	(873)	-10.6%
<b>Subtotal - Other Expenses</b>	<b>191,115</b>	<b>137,930</b>	<b>53,185</b>	<b>38.6%</b>	<b>1,894,157</b>	<b>1,350,720</b>	<b>543,437</b>	<b>40.2%</b>
<b>TOTAL Expenses</b>	<b>558,958</b>	<b>459,486</b>	<b>99,473</b>	<b>21.6%</b>	<b>5,598,023</b>	<b>4,744,083</b>	<b>853,940</b>	<b>18.0%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$48,904</b>	<b>\$71,861</b>	<b>(\$22,957)</b>	<b>-31.9%</b>	<b>\$4,892</b>	<b>\$169,880</b>	<b>(\$164,989)</b>	<b>-97.1%</b>

Reviewed by: CDApproved by: JPDate Finalized: 11/21/23

## WARREN COUNTY WATER DISTRICT - SEWER DIVISION

Statistical Report  
October 2023

	MONTH		YEAR TO DATE	
	October 2023	October 2022	October 2023	October 2022
TOTAL GALLONS DISPOSED	88,926,000	88,409,706	898,361,000	861,438,000
GALLONS SOLD:				
Residential	41,179,502	38,391,325	374,729,807	349,828,816
Commercial	87,927,038	84,479,029	803,337,886	773,172,329
<b>TOTAL Sold</b>	<b>129,106,540</b>	<b>122,870,354</b>	<b>1,178,067,693</b>	<b>1,123,001,145</b>
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	40,180,540	34,460,648	279,706,693	261,563,145
<b>PERCENTAGE DISPOSED</b>	<b>68.9%</b>	<b>72.0%</b>	<b>76.3%</b>	<b>76.7%</b>
PRECIPITATION	3.00	2.80	40.00	44.60
<b>NEW SEWER APPLICATIONS</b>	<b>38</b>	<b>69</b>	<b>495</b>	<b>589</b>
CUSTOMERS BILLED:				
Residential	9,332	8,588	90,416	83,939
Commercial	895	808	8,584	8,007
TOTAL Billed	10,227	9,396	99,000	91,946
AVG GALLONS PER CUSTOMER:				
Residential	4,413	4,470	4,145	4,168
Commercial	98,243	104,553	93,585	96,562
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$25.05	\$25.29	\$24.17	\$23.99
Commercial	\$358.61	\$378.93	\$343.47	\$346.07
MILES OF COLLECTION MAIN ADDED	-	-	219.570	216.330
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	46.6	43.4	46.6	43.4
COST PER 1,000 GALLONS	\$4.3294	\$3.7396	\$4.7519	\$4.2245
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.0261

Reviewed by: DW  
Approved by: JP  
Date Finalized: 11/21/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Budget Comparison**  
October 31, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$554,772	\$523,332	\$502,400	\$52,372	10.4%	\$5,134,103	\$4,784,451	\$4,983,200	\$150,903	3.0%
Forfeited Discounts	7,265	5,284	8,400	(1,135)	-13.5%	68,998	78,174	83,700	(14,702)	-17.6%
Miscellaneous Service Revenue	3,200	3,308	3,400	(200)	-5.9%	29,733	31,923	34,000	(4,268)	-12.6%
Other Water Revenue	50	50	50	(0)	0.0%	500	500	500	0	0.0%
Interest Income	41,088	3,272	19,800	21,288	107.5%	380,622	27,762	243,300	137,322	56.4%
Rental Income - Office Building	1,488	(3,898)	1,500	(12)	-0.8%	(11,042)	(8,847)	15,000	(26,042)	-173.6%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>607,862</b>	<b>531,347</b>	<b>535,550</b>	<b>72,312</b>	<b>13.5%</b>	<b>5,602,915</b>	<b>4,913,963</b>	<b>5,359,700</b>	<b>243,215</b>	<b>4.5%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	24,699	24,230	31,200	(6,501)	-20.8%	271,002	246,446	294,800	(23,798)	-8.1%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	12,500	12,500	12,500	0	0.0%
Fringe Benefits	14,114	14,538	18,200	(4,086)	-22.5%	149,764	139,558	171,600	(21,836)	-12.7%
Sewage Disposal	278,205	245,406	279,300	(1,095)	-0.4%	2,810,522	2,607,357	2,795,900	14,622	0.5%
Purchased Power	12,459	13,030	14,700	(2,241)	-15.2%	131,671	128,964	146,100	(14,429)	-9.9%
Chemicals	3,499	1,643	3,400	99	2.9%	27,431	29,806	34,400	(6,969)	-20.3%
Materials & Supplies	3,882	2,493	3,320	562	16.9%	46,157	28,386	32,600	13,557	41.6%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	11,589	10,068	11,800	(211)	-1.8%
Contractual Servs - Legal	2,322	66	1,200	1,122	93.5%	4,195	2,177	12,000	(7,805)	-65.0%
Contractual Servs - Other	16,789	12,024	14,700	2,089	14.2%	166,989	128,942	147,000	19,989	13.6%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	2,631	3,286	4,100	(1,469)	-35.8%	33,780	31,846	38,600	(4,820)	-12.5%
Insurance - General Liability	1,385	1,103	1,200	185	15.4%	13,004	10,457	11,400	1,604	14.1%
Insurance - Other	212	212	210	2	1.0%	2,121	2,121	2,100	21	1.0%
Regulatory Expense	644	690	900	(256)	-28.4%	6,718	7,679	9,000	(2,282)	-25.4%
Bad Debt Expense	2,635	58	250	2,385	953.9%	3,800	1,049	2,500	1,300	52.0%
Miscellaneous Expenses	1,911	518	700	1,211	173.0%	12,623	6,006	7,000	5,623	80.3%
<b>SUBTOTAL - Operating Expenses:</b>	<b>367,844</b>	<b>321,556</b>	<b>375,810</b>	<b>(7,966)</b>	<b>-2.1%</b>	<b>3,703,866</b>	<b>3,393,363</b>	<b>3,729,300</b>	<b>(25,434)</b>	<b>-0.7%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	160,677	128,959	164,700	(4,023)	-2.4%	1,577,115	1,261,462	1,608,200	(31,085)	-1.9%
Misc Non-Operating Income	0	0	0	0	0.0%	(4)	(12)	0	(4)	100.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	29,808	8,056	32,300	(2,492)	-7.7%	309,686	81,038	323,000	(13,314)	-4.1%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	629	915	1,100	(471)	-42.8%	7,360	8,232	11,000	(3,641)	-33.1%
<b>SUBTOTAL - Other Expenses</b>	<b>191,115</b>	<b>137,930</b>	<b>198,100</b>	<b>(6,985)</b>	<b>-3.5%</b>	<b>1,894,157</b>	<b>1,350,720</b>	<b>1,942,200</b>	<b>(48,043)</b>	<b>-2.5%</b>
<b>TOTAL Expenses</b>	<b>558,958</b>	<b>459,486</b>	<b>573,910</b>	<b>(14,952)</b>	<b>-2.6%</b>	<b>5,598,023</b>	<b>4,744,083</b>	<b>5,671,500</b>	<b>(73,477)</b>	<b>-1.3%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$48,904</b>	<b>\$71,861</b>	<b>(\$38,360)</b>	<b>\$87,264</b>	<b>227.5%</b>	<b>\$4,892</b>	<b>\$169,880</b>	<b>(\$311,800)</b>	<b>\$316,692</b>	<b>101.6%</b>



**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
November 30, 2023

	Activity	Balance
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	-	81,626,185
Construction Work in Progress	90,430	6,412,779
Less Accumulated Depreciation	(160,668)	(20,514,453)
<b>TOTAL UTILITY PLANT</b>	<b>(70,238)</b>	<b>67,524,510</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	56,701	6,822,137
<b>Sinking Funds:</b>		
KIA Loan, Buchanon Park	(46)	1,827
KIA Loan, Plum Springs Rehabilitation	10,210	57,910
USDA, Series 2019	2,500	26,468
KRWFC Loan, Series 2021A	12,070	116,034
KRWFC Loan, Series 2021A	1,331	303,119
<b>Total Sinking Funds</b>	<b>26,066</b>	<b>505,358</b>
Debt Service Reserve	-	-
<b>Special Funds:</b>		
Constuction Accounts	2,031	6,770,501
Letter of Credit (KEDFA)	319	292,104
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<b>2,349</b>	<b>7,477,727</b>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>85,116</b>	<b>14,805,222</b>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	(507,719)	1,032,022
Accounts Receivable - Customer	2,046	765,092
Accounts Receivable - Misc	548,485	1,357,928
Prepayments	(1,955)	17,624
Deferred Debits	38	(20,353)
Other Current Assets	(6,899)	69,605
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>33,997</b>	<b>3,221,916</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>48,875</b>	<b>85,551,648</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
 Balance Sheet  
 November 30, 2023

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	35,130	64,822,616
Customer Advance for Construction	(55,100)	1,516,350
<b>TOTAL CAPITAL</b>	<b>(19,970)</b>	<b>66,338,966</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,420)	456,191
KIA Loan, Plum Springs Rehabilitation	-	1,791,312
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
<b>Total Long Term Loans</b>	<b>(3,420)</b>	<b>11,113,352</b>
<b>TOTAL LONG TERM DEBT</b>	<b>(3,420)</b>	<b>11,736,352</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	17,193	620,479
Customer Deposits	1,250	417,492
Interest - Customer Deposits	434	834
Taxes and Equivalents	(1,058)	15,016
Deferred Credits	(1,022)	69,017
<b>Total Current Liabilities</b>	<b>16,797</b>	<b>1,122,836</b>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,233
KRWFC Loan, Series 2013B	105	423
KIA Loan, Plum Springs Rehabilitation	2,281	15,633
USDA, Series 2019	1,086	5,724
KRWFC Loan, Series 2021A	2,892	11,603
KRWFC Loan, Series 2022D	22,904	98,648
KRWFC Loan, Series 2022D (Arbitrage)	12,378	86,348
<b>Total Interest Accrued - Long Term Debt</b>	<b>41,646</b>	<b>219,612</b>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>58,443</b>	<b>1,342,448</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,115,167
Current Year to Date	13,823	18,714
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>13,823</b>	<b>6,133,881</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>48,875</b>	<b>85,551,648</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
November 30, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$530,679	\$516,299	\$14,380	2.8%	\$5,664,782	\$5,300,750	\$364,032	6.9%
Forfeited Discounts	5,882	3,829	2,053	53.6%	74,881	82,002	(7,122)	-8.7%
Miscellaneous Service Revenue	2,100	2,805	(705)	-25.1%	31,833	34,727	(2,895)	-8.3%
Other Water Revenue	50	50	0	0.1%	550	550	0	0.0%
Interest Income	37,382	6,310	31,071	492.4%	418,004	34,073	383,931	1,126.8%
Rental Income	926	1,903	(977)	-51.3%	(10,115)	(6,943)	(3,172)	-45.7%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>577,019</b>	<b>531,196</b>	<b>45,823</b>	<b>8.6%</b>	<b>6,179,934</b>	<b>5,445,159</b>	<b>734,775</b>	<b>13.5%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	23,642	23,130	512	2.2%	294,643	269,576	25,068	9.3%
Commissioner Fees	1,250	1,250	0	0.0%	13,750	13,750	0	0.0%
Employee Overhead	13,510	13,878	(368)	-2.7%	163,274	153,436	9,838	6.4%
Sewage Disposal	291,079	271,642	19,437	7.2%	3,101,601	2,878,998	222,603	7.7%
Purchased Power	13,204	13,185	19	0.1%	144,876	142,149	2,726	1.9%
Chemicals	1,776	3,790	(2,014)	-53.1%	29,207	33,596	(4,389)	-13.1%
Materials & Supplies	3,539	1,629	1,910	117.3%	49,696	30,015	19,682	65.6%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	196	19.4%	12,794	11,078	1,717	15.5%
Contractual Servs - Legal	290	268	21	8.0%	4,485	2,446	2,039	83.4%
Contractual Servs - Other	15,921	11,440	4,481	39.2%	182,910	140,382	42,528	30.3%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	2,096	3,050	(954)	-31.3%	35,876	34,896	980	2.8%
Insurance - General Liability	1,385	1,103	282	25.5%	14,390	11,561	2,829	24.5%
Insurance - Other	212	212	(0)	0.0%	2,333	2,333	(0)	0.0%
Regulatory Expense	644	690	(46)	-6.6%	7,362	8,369	(1,007)	-12.0%
Bad Debt Expense	427	421	6	1.5%	4,226	1,470	2,757	187.6%
Miscellaneous Expenses	1,885	383	1,501	391.7%	14,508	6,389	8,119	127.1%
<b>SUBTOTAL - Operating Expenses</b>	<b>372,064</b>	<b>347,080</b>	<b>24,984</b>	<b>7.2%</b>	<b>4,075,930</b>	<b>3,740,443</b>	<b>335,487</b>	<b>9.0%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	160,668	134,042	26,626	19.9%	1,737,783	1,395,504	342,279	24.5%
Misc Non-Operating Income	0	(1)	1	-100.0%	(4)	(13)	9	-71.9%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	29,835	33,206	(3,371)	-10.2%	339,522	114,244	225,277	197.2%
Debt Expense	0	60,657	(60,657)	-100.0%	0	60,657	(60,657)	-100.0%
OPEB Expense	629	915	(285)	-31.2%	7,989	9,147	(1,158)	-12.7%
<b>Subtotal - Other Expenses</b>	<b>191,133</b>	<b>228,819</b>	<b>(37,687)</b>	<b>-16.5%</b>	<b>2,085,290</b>	<b>1,579,540</b>	<b>505,750</b>	<b>32.0%</b>
<b>TOTAL Expenses</b>	<b>563,197</b>	<b>575,900</b>	<b>(12,703)</b>	<b>-2.2%</b>	<b>6,161,220</b>	<b>5,319,983</b>	<b>841,238</b>	<b>15.8%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$13,823</b>	<b>(\$44,704)</b>	<b>\$58,526</b>	<b>130.9%</b>	<b>\$18,714</b>	<b>\$125,177</b>	<b>(\$106,462)</b>	<b>-85.0%</b>

Reviewed by: CDApproved by: JPDate Finalized: 12/14/23

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 November 2023

	MONTH		YEAR TO DATE	
	November 2023	November 2022	November 2023	November 2022
TOTAL GALLONS DISPOSED	93,041,000	86,884,000	991,402,000	948,322,000
GALLONS SOLD:				
Residential	36,267,994	38,926,109	410,997,801	388,754,925
Commercial	86,183,916	80,874,798	889,521,802	854,047,127
TOTAL Sold	122,451,910	119,800,907	1,300,519,603	1,242,802,052
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	29,410,910	32,916,907	309,117,603	294,480,052
<b>PERCENTAGE DISPOSED</b>	<b>76.0%</b>	<b>72.5%</b>	<b>76.2%</b>	<b>76.3%</b>
PRECIPITATION	1.80	1.30	41.80	45.90
<b>NEW SEWER APPLICATIONS</b>	<b>87</b>	<b>43</b>	<b>582</b>	<b>632</b>
CUSTOMERS BILLED:				
Residential	9,312	8,662	99,728	92,601
Commercial	877	812	9,461	8,819
TOTAL Billed	10,189	9,474	109,189	101,420
AVG GALLONS PER CUSTOMER:				
Residential	3,895	4,494	4,121	4,198
Commercial	98,271	99,600	94,020	96,842
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$23.21	\$25.43	\$24.08	\$24.12
Commercial	\$358.68	\$364.59	\$344.88	\$347.78
MILES OF COLLECTION MAIN ADDED	-	-	219.570	216.330
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	46.4	43.8	46.4	43.8
COST PER 1,000 GALLONS	\$4.5993	\$4.8071	\$4.7375	\$4.2806
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.0352

Reviewed by:           DW            
 Approved by:           JP            
 Date Finalized:           12/14/23

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Budget Comparison**  
November 30, 2023

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$530,679	\$516,299	\$416,500	\$114,179	27.4%	\$5,664,782	\$5,300,750	\$5,399,700	\$265,082	4.9%
Forfeited Discounts	5,882	3,829	7,000	(1,118)	-16.0%	74,881	82,002	90,700	(15,819)	-17.4%
Miscellaneous Service Revenue	2,100	2,805	2,800	(700)	-25.0%	31,833	34,727	36,800	(4,968)	-13.5%
Other Water Revenue	50	50	50	0	0.1%	550	550	550	0	0.0%
Interest Income	37,382	6,310	19,100	18,282	95.7%	418,004	34,073	262,400	155,604	59.3%
Rental Income - Office Building	926	1,903	1,500	(574)	-38.3%	(10,115)	(6,943)	16,500	(26,615)	-161.3%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>577,019</b>	<b>531,196</b>	<b>446,950</b>	<b>130,069</b>	<b>29.1%</b>	<b>6,179,934</b>	<b>5,445,159</b>	<b>5,806,650</b>	<b>373,284</b>	<b>6.4%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	23,642	23,130	29,700	(6,058)	-20.4%	294,643	269,576	324,500	(29,857)	-9.2%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	13,750	13,750	13,750	0	0.0%
Fringe Benefits	13,510	13,878	17,300	(3,790)	-21.9%	163,274	153,436	188,900	(25,626)	-13.6%
Sewage Disposal	291,079	271,642	224,100	66,979	29.9%	3,101,601	2,878,998	3,020,000	81,601	2.7%
Purchased Power	13,204	13,185	11,800	1,404	11.9%	144,876	142,149	157,900	(13,024)	-8.2%
Chemicals	1,776	3,790	2,800	(1,024)	-36.6%	29,207	33,596	37,200	(7,993)	-21.5%
Materials & Supplies	3,539	1,629	3,320	219	6.6%	49,696	30,015	35,920	13,776	38.4%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,010	1,180	26	2.2%	12,794	11,078	12,980	(186)	-1.4%
Contractual Servs - Legal	290	268	1,200	(910)	-75.9%	4,485	2,446	13,200	(8,715)	-66.0%
Contractual Servs - Other	15,921	11,440	14,240	1,681	11.8%	182,910	140,382	161,240	21,670	13.4%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	2,096	3,050	3,900	(1,804)	-46.3%	35,876	34,896	42,500	(6,624)	-15.6%
Insurance - General Liability	1,385	1,103	1,200	185	15.4%	14,390	11,561	12,600	1,790	14.2%
Insurance - Other	212	212	210	2	1.0%	2,333	2,333	2,310	23	1.0%
Regulatory Expense	644	690	900	(256)	-28.4%	7,362	8,369	9,900	(2,538)	-25.6%
Bad Debt Expense	427	421	250	177	70.7%	4,226	1,470	2,750	1,476	53.7%
Miscellaneous Expenses	1,885	383	700	1,185	169.2%	14,508	6,389	7,700	6,808	88.4%
<b>SUBTOTAL - Operating Expenses</b>	<b>372,064</b>	<b>347,080</b>	<b>314,050</b>	<b>58,014</b>	<b>18.5%</b>	<b>4,075,930</b>	<b>3,740,443</b>	<b>4,043,350</b>	<b>32,580</b>	<b>0.8%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	160,668	134,042	165,200	(4,532)	-2.7%	1,737,783	1,395,504	1,773,400	(35,617)	-2.0%
Misc Non-Operating Income	0	(1)	0	0	0.0%	(4)	(13)	0	(4)	100.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	29,835	33,206	32,300	(2,465)	-7.6%	339,522	114,244	355,300	(15,778)	-4.4%
Debt Expense	0	60,657	0	0	0.0%	0	60,657	0	0	0.0%
OPEB Expense	629	915	1,100	(471)	-42.8%	7,989	9,147	12,100	(4,111)	-34.0%
<b>SUBTOTAL - Other Expenses</b>	<b>191,133</b>	<b>228,819</b>	<b>198,600</b>	<b>(7,467)</b>	<b>-3.8%</b>	<b>2,085,290</b>	<b>1,579,540</b>	<b>2,140,800</b>	<b>(55,510)</b>	<b>-2.6%</b>
<b>TOTAL Expenses</b>	<b>563,197</b>	<b>575,900</b>	<b>512,650</b>	<b>50,547</b>	<b>9.9%</b>	<b>6,161,220</b>	<b>5,319,983</b>	<b>6,184,150</b>	<b>(22,930)</b>	<b>-0.4%</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$13,823</b>	<b>(\$44,704)</b>	<b>(\$65,700)</b>	<b>\$79,523</b>	<b>121.0%</b>	<b>\$18,714</b>	<b>\$125,177</b>	<b>(\$377,500)</b>	<b>\$396,214</b>	<b>105.0%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
 Balance Sheet  
 December 31, 2023

	Activity	Balance
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	1,033,549	82,659,734
Construction Work in Progress	196,129	6,608,907
Less Accumulated Depreciation	(188,350)	(20,702,803)
<b>TOTAL UTILITY PLANT</b>	<b>1,041,328</b>	<b>68,565,838</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	43,883	6,866,020
<b>Sinking Funds:</b>		
KIA Loan, Buchanon Park	(45)	1,782
KIA Loan, Plum Springs Rehabilitation	(52,493)	5,418
USDA, Series 2019	2,500	28,968
KRWFC Loan, Series 2021A	12,111	128,144
KRWFC Loan, Series 2021A	1,295	304,414
<b>Total Sinking Funds</b>	<b>(36,632)</b>	<b>468,726</b>
Debt Service Reserve	-	-
<b>Special Funds:</b>		
Construction Accounts	(20,621)	6,749,881
Letter of Credit (KEDFA)	329	292,433
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<b>(20,292)</b>	<b>7,457,435</b>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>(13,040)</b>	<b>14,792,181</b>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	873,281	1,905,302
Accounts Receivable - Customer	(40,891)	724,200
Accounts Receivable - Misc	(689,717)	668,211
Prepayments	(1,955)	15,669
Deferred Debits	(15,965)	(36,318)
Other Current Assets	10,633	80,237
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>135,385</b>	<b>3,357,302</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>1,163,673</b>	<b>86,715,321</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
 Balance Sheet  
 December 31, 2023

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	1,108,234	65,930,850
Customer Advance for Construction	51,280	1,567,630
<b>TOTAL CAPITAL</b>	<b>1,159,514</b>	<b>67,498,480</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	623,000
Long Term Loans:		
KIA Loan, Buchanon Park	(3,429)	452,763
KIA Loan, Plum Springs Rehabilitation	(42,998)	1,748,314
KRWFC Loan, Series 2013B	-	41,229
KRWFC Loan, Series 2021A	-	1,070,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	(46,427)	11,066,925
<b>TOTAL LONG TERM DEBT</b>	<b>(46,427)</b>	<b>11,689,925</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	93,905	714,384
Customer Deposits	1,780	419,272
Interest - Customer Deposits	(834)	-
Taxes and Equivalents	(1,849)	13,166
Deferred Credits	(1,022)	67,995
Total Current Liabilities	91,980	1,214,817
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanon Park	-	1,233
KRWFC Loan, Series 2013B	105	528
KIA Loan, Plum Springs Rehabilitation	(15,633)	-
USDA, Series 2019	1,086	6,810
KRWFC Loan, Series 2021A	2,892	14,495
KRWFC Loan, Series 2022D	22,904	121,552
KRWFC Loan, Series 2022D (Arbitrage)	10,275	96,623
Total Interest Accrued - Long Term Debt	21,630	241,242
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>113,610</b>	<b>1,456,059</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,115,167
Current Year to Date	(63,024)	(44,310)
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>(63,024)</b>	<b>6,070,858</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>1,163,673</b>	<b>86,715,321</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
**Summary of Revenue & Expense**  
 Actual vs. Prior Year  
 December 31, 2023

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$479,728	\$513,615	(\$33,887)	-6.6%	\$6,144,511	\$5,814,365	\$330,145	5.7%
Forfeited Discounts	9,326	4,442	4,884	110.0%	84,207	86,445	(2,238)	-2.6%
Miscellaneous Service Revenue	2,038	2,495	(458)	-18.3%	33,870	37,222	(3,352)	-9.0%
Other Water Revenue	50	50	0	0.0%	600	600	0	0.0%
Interest Income	41,195	57,916	(16,722)	-28.9%	459,199	91,989	367,210	399.2%
Rental Income	(4,761)	1,718	(6,479)	-377.1%	(14,876)	(5,225)	(9,651)	-184.7%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>527,576</b>	<b>580,237</b>	<b>(52,661)</b>	<b>-9.1%</b>	<b>6,707,510</b>	<b>6,025,396</b>	<b>682,114</b>	<b>11.3%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	22,911	25,887	(2,976)	-11.5%	317,555	295,463	22,092	7.5%
Commissioner Fees	1,250	1,250	0	0.0%	15,000	15,000	0	0.0%
Employee Overhead	16,365	15,635	731	4.7%	179,639	169,071	10,568	6.3%
Sewage Disposal	277,072	324,295	(47,222)	-14.6%	3,378,674	3,203,293	175,381	5.5%
Purchased Power	13,014	13,441	(427)	-3.2%	157,890	155,590	2,299	1.5%
Chemicals	1,776	3,790	(2,014)	-53.1%	30,983	37,385	(6,403)	-17.1%
Materials & Supplies	9,819	1,565	8,254	527.4%	59,515	31,580	27,936	88.5%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,206	1,082	124	11.4%	14,000	12,160	1,841	15.1%
Contractual Servs - Legal	652	0	652	100.0%	5,136	2,446	2,691	110.0%
Contractual Servs - Other	20,006	15,574	4,432	28.5%	202,915	155,956	46,960	30.1%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	1,742	3,475	(1,733)	-49.9%	37,618	38,371	(753)	-2.0%
Insurance - General Liability	1,385	1,103	282	25.5%	15,775	12,664	3,111	24.6%
Insurance - Other	212	212	(0)	0.0%	2,545	2,545	(0)	0.0%
Regulatory Expense	644	690	(46)	-6.6%	8,006	9,059	(1,053)	-11.6%
Bad Debt Expense	240	(406)	646	159.2%	4,466	1,064	3,403	319.8%
Miscellaneous Expenses	3,523	2,293	1,230	53.6%	18,031	8,682	9,348	107.7%
<b>SUBTOTAL - Operating Expenses</b>	<b>371,818</b>	<b>409,886</b>	<b>(38,068)</b>	<b>-9.3%</b>	<b>4,447,749</b>	<b>4,150,329</b>	<b>297,419</b>	<b>7.2%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	188,350	726,713	(538,363)	-74.1%	1,926,133	2,122,217	(196,084)	-9.2%
Misc Non-Operating Income	0	0	0	0.0%	(4)	(13)	9	-71.9%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	29,802	45,673	(15,871)	-34.7%	369,324	159,917	209,406	130.9%
Debt Expense	0	60,657	(60,657)	-100.0%	0	121,315	(121,315)	-100.0%
OPEB Expense	629	(53,881)	54,510	101.2%	8,618	(44,733)	53,352	119.3%
<b>Subtotal - Other Expenses</b>	<b>218,781</b>	<b>779,163</b>	<b>(560,381)</b>	<b>-71.9%</b>	<b>2,304,071</b>	<b>2,358,703</b>	<b>(54,631)</b>	<b>-2.3%</b>
<b>TOTAL Expenses</b>	<b>590,600</b>	<b>1,189,049</b>	<b>(598,449)</b>	<b>-50.3%</b>	<b>6,751,820</b>	<b>6,509,032</b>	<b>242,788</b>	<b>3.7%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$63,024)</b>	<b>(\$608,812)</b>	<b>\$545,788</b>	<b>89.6%</b>	<b>(\$44,310)</b>	<b>(\$483,636)</b>	<b>\$439,326</b>	<b>90.8%</b>

Reviewed by: CDApproved by: JPDate Finalized: 1/18/24



**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
**Statistical Report**  
**December 2023**

	MONTH		YEAR TO DATE	
	December 2023	December 2022	December 2023	December 2022
TOTAL GALLONS DISPOSED	88,564,000	86,935,000	1,079,966,000	1,035,257,000
GALLONS SOLD:				
Residential	33,346,448	32,292,935	444,344,249	421,047,860
Commercial	74,687,754	76,828,316	964,209,556	930,875,443
TOTAL Sold	108,034,202	109,121,251	1,408,553,805	1,351,923,303
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	19,470,202	22,186,251	328,587,805	316,666,303
<b>PERCENTAGE DISPOSED</b>	<b>82.0%</b>	<b>79.7%</b>	<b>76.7%</b>	<b>76.6%</b>
PRECIPITATION	1.70	3.10	43.50	49.00
<b>NEW SEWER APPLICATIONS</b>	<b>19</b>	<b>111</b>	<b>601</b>	<b>743</b>
CUSTOMERS BILLED:				
Residential	9,352	8,709	109,080	101,310
Commercial	889	819	10,350	9,638
<b>TOTAL Billed</b>	<b>10,241</b>	<b>9,528</b>	<b>119,430</b>	<b>110,948</b>
AVG GALLONS PER CUSTOMER:				
Residential	3,566	3,708	4,074	4,156
Commercial	84,013	93,807	93,160	96,584
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$21.85	\$22.27	\$23.89	\$23.96
Commercial	\$309.72	\$344.91	\$341.86	\$347.53
MILES OF COLLECTION MAIN ADDED	(0.910)	-	218.66	216.33
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	46.8	44.0	46.8	44.0
COST PER 1,000 GALLONS	\$5.4668	\$5.3654	\$4.7934	\$4.3682
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.0428

Reviewed by:           DW            
Approved by:           JP            
Date Finalized:           1/18/2024

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Budget (Amended) Comparison**  
December 31, 2023

	Actual Year	Amended Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>				
Metered Revenue	\$6,144,511	\$6,181,100	(\$36,589)	-0.6%
Forfeited Discounts	84,207	81,400	2,807	3.4%
Miscellaneous Service Revenue	33,870	34,300	(430)	-1.3%
Other Water Revenue	600	600	0	0.0%
Interest Income	459,199	452,300	6,899	1.5%
Rental Income - Office Building	(14,876)	(9,000)	(5,876)	-65.3%
Disposition Gains \ (Losses)	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>6,707,510</b>	<b>6,740,700</b>	<b>(33,190)</b>	<b>-0.5%</b>
<b>OPERATING EXPENSES:</b>				
Salaries and Wages	317,555	327,700	(10,145)	-3.1%
Commissioner Fees	15,000	15,000	0	0.0%
Fringe Benefits	179,639	185,300	(5,661)	-3.1%
Sewage Disposal	3,378,674	3,400,400	(21,726)	-0.6%
Purchased Power	157,890	162,700	(4,810)	-3.0%
Chemicals	30,983	33,700	(2,717)	-8.1%
Materials & Supplies	59,515	59,100	415	0.7%
Contractual Servs - Engineering	0	0	0	0.0%
Contractual Servs - Accounting	14,000	15,600	(1,600)	-10.3%
Contractual Servs - Legal	5,136	19,500	(14,364)	-73.7%
Contractual Servs - Other	202,915	204,200	(1,285)	-0.6%
Rental of Building & Utilities	0	0	0	0.0%
Equipment Expense	37,618	39,200	(1,582)	-4.0%
Insurance - General Liability	15,775	16,000	(225)	-1.4%
Insurance - Other	2,545	2,500	45	1.8%
Regulatory Expense	8,006	8,400	(394)	-4.7%
Bad Debt Expense	4,466	6,000	(1,534)	-25.6%
Miscellaneous Expenses	18,031	16,500	1,531	9.3%
<b>SUBTOTAL - Operating Expenses</b>	<b>4,447,749</b>	<b>4,511,800</b>	<b>(64,051)</b>	<b>-1.4%</b>
<b>OTHER EXPENSES:</b>				
Depreciation	1,926,133	1,939,200	(13,067)	-0.7%
Misc Non-Operating Income	(4)	0	(4)	100.0%
Misc Non-Operating Expense	0	0	0	0.0%
Interest Expense	369,324	377,400	(8,076)	-2.1%
Debt Expense	0	0	0	0.0%
OPEB Expense	8,618	9,100	(482)	-5.3%
<b>SUBTOTAL - Other Expenses</b>	<b>2,304,071</b>	<b>2,325,700</b>	<b>(21,629)</b>	<b>-0.9%</b>
<b>TOTAL Expenses</b>	<b>6,751,820</b>	<b>6,837,500</b>	<b>(85,680)</b>	<b>-1.3%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$44,310)</b>	<b>(\$96,800)</b>	<b>\$52,490</b>	<b>54.2%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
January 31, 2024

	Activity	Balance
<b>ASSETS AND OTHER DEBITS</b>		
UTILITY PLANT:		
Utility Plant in Service	-	82,360,011
Construction Work in Progress	55,401	6,664,316
Less Accumulated Depreciation	(166,001)	(20,561,224)
<b>TOTAL UTILITY PLANT</b>	<b>(110,600)</b>	<b>68,463,102</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	51,063	6,917,084
Sinking Funds:		
KIA Loan, Buchanon Park	(45)	1,737
KIA Loan, Plum Springs Rehabilitation	10,210	15,628
USDA, Series 2019	(12,898)	16,069
KRWFC Loan, Series 2021A	(110,163)	17,981
KRWFC Loan, Series 2021A	(143,112)	161,302
<b>Total Sinking Funds</b>	<b>(256,008)</b>	<b>212,718</b>
Debt Service Reserve	-	-
Special Funds:		
Construction Accounts	24,731	6,774,611
Letter of Credit (KEDFA)	329	292,762
Customer Deposits	-	415,122
<b>Total Special Funds</b>	<b>25,059</b>	<b>7,482,495</b>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>(179,885)</b>	<b>14,612,296</b>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	77,596	1,982,898
Accounts Receivable - Customer	5,215	682,999
Accounts Receivable - Misc	(194,384)	540,027
Prepayments	(1,955)	13,714
Deferred Debits	(17,240)	(51,956)
Other Current Assets	10,822	91,060
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>(119,946)</b>	<b>3,258,743</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>(410,431)</b>	<b>86,334,142</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
January 31, 2024

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	25,460	66,086,113
Customer Advance for Construction	(32,000)	1,495,790
<b>TOTAL CAPITAL</b>	<b>(6,540)</b>	<b>67,581,903</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	(8,000)	615,000
Long Term Loans:		
KIA Loan, Buchanon Park	(3,437)	449,325
KIA Loan, Plum Springs Rehabilitation	-	1,748,314
KRWFC Loan, Series 2013B	(10,200)	31,029
KRWFC Loan, Series 2021A	(105,000)	965,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	(118,637)	10,948,288
<b>TOTAL LONG TERM DEBT</b>	<b>(126,637)</b>	<b>11,563,288</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	(97,795)	613,629
Customer Deposits	1,030	420,302
Interest - Customer Deposits	1,080	1,080
Taxes and Equivalents	(296)	12,871
Deferred Credits	(921)	67,074
Total Current Liabilities	(96,902)	1,114,955
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanon Park	-	1,233
KRWFC Loan, Series 2013B	(528)	-
KIA Loan, Plum Springs Rehabilitation	2,914	2,914
USDA, Series 2019	(6,560)	-
KRWFC Loan, Series 2021A	(14,495)	-
KRWFC Loan, Series 2022D	(121,552)	-
KRWFC Loan, Series 2022D (Arbitrage)	12,365	108,989
Total Interest Accrued - Long Term Debt	(127,856)	113,136
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>(224,757)</b>	<b>1,228,091</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,013,356
Current Year to Date	(52,496)	(52,496)
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>(52,496)</b>	<b>5,960,860</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>(410,431)</b>	<b>86,334,142</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
January 31, 2024

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
OPERATING REVENUE:								
Metered Revenue	\$462,024	\$479,043	(\$17,018)	-3.6%	\$462,024	\$479,043	(\$17,018)	-3.6%
Forfeited Discounts	11,212	6,726	4,486	66.7%	11,212	6,726	4,486	66.7%
Miscellaneous Service Revenue	2,050	2,038	13	0.6%	2,050	2,038	13	0.6%
Other Water Revenue	50	50	0	0.0%	50	50	0	0.0%
Interest Income	38,639	25,530	13,109	51.3%	38,639	25,530	13,109	51.3%
Rental Income	(1,517)	(5,466)	3,949	72.2%	(1,517)	(5,466)	3,949	72.2%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>512,457</b>	<b>507,920</b>	<b>4,538</b>	<b>0.9%</b>	<b>512,457</b>	<b>507,920</b>	<b>4,538</b>	<b>0.9%</b>
OPERATING EXPENSES:								
Salaries and Wages	33,231	27,381	5,851	21.4%	33,231	27,381	5,851	21.4%
Commissioner Fees	1,250	1,250	0	0.0%	1,250	1,250	0	0.0%
Employee Overhead	18,736	14,916	3,820	25.6%	18,736	14,916	3,820	25.6%
Sewage Disposal	270,190	271,976	(1,786)	-0.7%	270,190	271,976	(1,786)	-0.7%
Purchased Power	13,785	13,885	(101)	-0.7%	13,785	13,885	(101)	-0.7%
Chemicals	0	3,790	(3,790)	-100.0%	0	3,790	(3,790)	-100.0%
Materials & Supplies	5,377	(575)	5,952	1,035.7%	5,377	(575)	5,952	1,035.7%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,167	1,050	117	11.1%	1,167	1,050	117	11.1%
Contractual Servs - Legal	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Other	18,049	13,430	4,619	34.4%	18,049	13,430	4,619	34.4%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	2,341	2,795	(455)	-16.3%	2,341	2,795	(455)	-16.3%
Insurance - General Liability	1,385	1,103	282	25.5%	1,385	1,103	282	25.5%
Insurance - Other	212	212	0	0.0%	212	212	0	0.0%
Regulatory Expense	644	690	(46)	-6.6%	644	690	(46)	-6.6%
Bad Debt Expense	117	(223)	340	152.7%	117	(223)	340	152.7%
Miscellaneous Expenses	775	1,282	(507)	-39.5%	775	1,282	(507)	-39.5%
<b>SUBTOTAL - Operating Expenses</b>	<b>367,259</b>	<b>352,963</b>	<b>14,297</b>	<b>4.1%</b>	<b>367,259</b>	<b>352,963</b>	<b>14,297</b>	<b>4.1%</b>
OTHER EXPENSES:								
Depreciation	166,001	155,434	10,567	6.8%	166,001	155,434	10,567	6.8%
Misc Non-Operating Income	0	0	0	0.0%	0	0	0	0.0%
Unrealized (Gain) \ Loss	0	0	0	0.0%	0	0	0	0.0%
Interest Expense	30,955	33,453	(2,497)	-7.5%	30,955	33,453	(2,497)	-7.5%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	737	1,162	(425)	-36.6%	737	1,162	(425)	-36.6%
<b>Subtotal - Other Expenses</b>	<b>197,694</b>	<b>190,048</b>	<b>7,645</b>	<b>4.0%</b>	<b>197,694</b>	<b>190,048</b>	<b>7,645</b>	<b>4.0%</b>
<b>TOTAL Expenses</b>	<b>564,953</b>	<b>543,011</b>	<b>21,942</b>	<b>4.0%</b>	<b>564,953</b>	<b>543,011</b>	<b>21,942</b>	<b>4.0%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$52,496)</b>	<b>(\$35,091)</b>	<b>(\$17,404)</b>	<b>-49.6%</b>	<b>(\$52,496)</b>	<b>(\$35,091)</b>	<b>(\$17,404)</b>	<b>-49.6%</b>

Reviewed by: CDApproved by: JPDate Finalized: 2/21/24

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 January 2024

	MONTH		YEAR TO DATE	
	January 2024	January 2023	January 2024	January 2023
TOTAL GALLONS DISPOSED	86,365,000	86,935,000	86,365,000	86,935,000
GALLONS SOLD:				
Residential	32,128,997	34,207,673	32,128,997	34,207,673
Commercial	70,139,446	74,138,820	70,139,446	74,138,820
<b>TOTAL Sold</b>	<b>102,268,443</b>	<b>108,346,493</b>	<b>102,268,443</b>	<b>108,346,493</b>
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	15,903,443	21,411,493	15,903,443	21,411,493
<b>PERCENTAGE DISPOSED</b>	<b>84.4%</b>	<b>80.2%</b>	<b>84.4%</b>	<b>80.2%</b>
PRECIPITATION	2.00	3.00	2.00	3.00
<b>NEW SEWER APPLICATIONS</b>	<b>35</b>	<b>31</b>	<b>35</b>	<b>31</b>
CUSTOMERS BILLED:				
Residential	9,426	8,790	9,426	8,790
Commercial	925	825	925	825
TOTAL Billed	10,351	9,615	10,351	9,615
AVG GALLONS PER CUSTOMER:				
Residential	3,409	3,892	3,409	3,892
Commercial	75,826	89,865	75,826	89,865
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$21.38	\$23.24	\$21.38	\$23.24
Commercial	\$281.59	\$333.02	\$281.59	\$333.02
MILES OF COLLECTION MAIN ADDED	-	2.3900	218.660	218.720
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	47.3	44.0	47.3	44.0
COST PER 1,000 GALLONS	\$5.5242	\$5.0118	\$5.5242	\$5.0118
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.1285

Reviewed by:         DW          
 Approved by:         JP          
 Date Finalized:         2/21/24

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Budget Comparison**  
January 31, 2024

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$462,024	\$479,043	\$503,300	(\$41,276)	-8.2%	\$462,024	\$479,043	\$503,300	(\$41,276)	-8.2%
Forfeited Discounts	11,212	6,726	6,800	4,412	64.9%	11,212	6,726	6,800	4,412	64.9%
Miscellaneous Service Revenue	2,050	2,038	2,900	(850)	-29.3%	2,050	2,038	2,900	(850)	-29.3%
Other Water Revenue	50	50	50	0	0.0%	50	50	50	0	0.0%
Interest Income	38,639	25,530	45,900	(7,261)	-15.8%	38,639	25,530	45,900	(7,261)	-15.8%
Rental Income - Office Building	(1,517)	(5,466)	(1,300)	(217)	-16.7%	(1,517)	(5,466)	(1,300)	(217)	-16.7%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>512,457</b>	<b>507,920</b>	<b>557,650</b>	<b>(45,193)</b>	<b>-8.1%</b>	<b>512,457</b>	<b>507,920</b>	<b>557,650</b>	<b>(45,193)</b>	<b>-8.1%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	33,231	27,381	36,600	(3,369)	-9.2%	33,231	27,381	36,600	(3,369)	-9.2%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	1,250	1,250	1,250	0	0.0%
Fringe Benefits	18,736	14,916	20,500	(1,764)	-8.6%	18,736	14,916	20,500	(1,764)	-8.6%
Sewage Disposal	270,190	271,976	285,900	(15,710)	-5.5%	270,190	271,976	285,900	(15,710)	-5.5%
Purchased Power	13,785	13,885	13,800	(15)	-0.1%	13,785	13,885	13,800	(15)	-0.1%
Chemicals	0	3,790	3,100	(3,100)	-100.0%	0	3,790	3,100	(3,100)	-100.0%
Materials & Supplies	5,377	(575)	4,690	687	14.7%	5,377	(575)	4,690	687	14.7%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,167	1,050	1,940	(773)	-39.9%	1,167	1,050	1,940	(773)	-39.9%
Contractual Servs - Legal	0	0	1,200	(1,200)	-100.0%	0	0	1,200	(1,200)	-100.0%
Contractual Servs - Other	18,049	13,430	19,790	(1,741)	-8.8%	18,049	13,430	19,790	(1,741)	-8.8%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	2,341	2,795	4,600	(2,260)	-49.1%	2,341	2,795	4,600	(2,260)	-49.1%
Insurance - General Liability	1,385	1,103	1,500	(115)	-7.7%	1,385	1,103	1,500	(115)	-7.7%
Insurance - Other	212	212	210	2	1.0%	212	212	210	2	1.0%
Regulatory Expense	644	690	700	(56)	-8.0%	644	690	700	(56)	-8.0%
Bad Debt Expense	117	(223)	530	(413)	-77.8%	117	(223)	530	(413)	-77.8%
Miscellaneous Expenses	775	1,282	1,500	(725)	-48.3%	775	1,282	1,500	(725)	-48.3%
<b>SUBTOTAL - Operating Expenses</b>	<b>367,259</b>	<b>352,963</b>	<b>397,810</b>	<b>(30,551)</b>	<b>-7.7%</b>	<b>367,259</b>	<b>352,963</b>	<b>397,810</b>	<b>(30,551)</b>	<b>-7.7%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	166,001	155,434	171,500	(5,499)	-3.2%	166,001	155,434	171,500	(5,499)	-3.2%
Misc Non-Operating Income	0	0	0	0	0.0%	0	0	0	0	0.0%
Misc Non-Operating Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
Interest Expense	30,955	33,453	31,971	(1,016)	-3.2%	30,955	33,453	31,971	(1,016)	-3.2%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	737	1,162	700	37	5.3%	737	1,162	700	37	5.3%
<b>SUBTOTAL - Other Expenses</b>	<b>197,694</b>	<b>190,048</b>	<b>204,171</b>	<b>(6,478)</b>	<b>-3.2%</b>	<b>197,694</b>	<b>190,048</b>	<b>204,171</b>	<b>(6,478)</b>	<b>-3.2%</b>
<b>TOTAL Expenses</b>	<b>564,953</b>	<b>543,011</b>	<b>601,981</b>	<b>(37,028)</b>	<b>-6.2%</b>	<b>564,953</b>	<b>543,011</b>	<b>601,981</b>	<b>(37,028)</b>	<b>-6.2%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$52,496)</b>	<b>(\$35,091)</b>	<b>(\$44,331)</b>	<b>(\$8,164)</b>	<b>-18.4%</b>	<b>(\$52,496)</b>	<b>(\$35,091)</b>	<b>(\$44,331)</b>	<b>(\$8,164)</b>	<b>-18.4%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
February 29, 2024

	Activity	Balance
<b>ASSETS AND OTHER DEBITS</b>		
UTILITY PLANT:		
Utility Plant in Service	-	87,244,808
Construction Work in Progress	129,794	1,979,675
Less Accumulated Depreciation	(186,766)	(20,747,990)
<b>TOTAL UTILITY PLANT</b>	<b>(56,972)</b>	<b>68,476,493</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	42,795	6,931,986
Sinking Funds:		
KIA Loan, Buchanan Park	56	1,793
KIA Loan, Plum Springs Rehabilitation	10,210	25,838
USDA, Series 2019	2,500	18,569
KRWFC Loan, Series 2021A	11,852	29,833
KRWFC Loan, Series 2021A	(16,846)	144,456
<b>Total Sinking Funds</b>	<b>7,771</b>	<b>220,489</b>
Debt Service Reserve	-	-
Special Funds:		
Construction Accounts	40,902	6,815,513
Letter of Credit (KEDFA)	297	293,059
Customer Deposits	-	440,122
<b>Total Special Funds</b>	<b>41,199</b>	<b>7,548,694</b>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>91,765</b>	<b>14,701,168</b>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	48,596	2,031,494
Accounts Receivable - Customer	25,687	708,686
Accounts Receivable - Misc	22,761	562,788
Prepayments	(1,955)	11,760
Deferred Debits	15,657	6,307
Other Current Assets	(436)	70,833
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>110,310</b>	<b>3,391,868</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>145,103</b>	<b>86,569,529</b>



**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
February 29, 2024

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	102,432	66,258,908
Customer Advance for Construction	-	1,495,790
<b>TOTAL CAPITAL</b>	<b>102,432</b>	<b>67,754,698</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	615,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,446)	445,879
KIA Loan, Plum Springs Rehabilitation	-	1,748,314
KRWFC Loan, Series 2013B	-	31,029
KRWFC Loan, Series 2021A	-	965,000
KRWFC Loan, Series 2022D	-	7,754,620
<b>Total Long Term Loans</b>	<b>(3,446)</b>	<b>10,944,842</b>
<b>TOTAL LONG TERM DEBT</b>	<b>(3,446)</b>	<b>11,559,842</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	59,853	673,482
Customer Deposits	3,620	423,922
Interest - Customer Deposits	1,080	2,160
Taxes and Equivalents	1,098	13,968
Deferred Credits	(921)	66,152
<b>Total Current Liabilities</b>	<b>64,730</b>	<b>1,179,685</b>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,132
KRWFC Loan, Series 2013B	81	81
KIA Loan, Plum Springs Rehabilitation	2,914	8,742
USDA, Series 2019	1,217	2,078
KRWFC Loan, Series 2021A	2,526	2,521
KRWFC Loan, Series 2022D	24,076	22,904
KRWFC Loan, Series 2022D (Arbitrage)	11,352	120,341
<b>Total Interest Accrued - Long Term Debt</b>	<b>42,166</b>	<b>157,798</b>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>106,896</b>	<b>1,337,482</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,030,781
Current Year to Date	(60,778)	(113,274)
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>(60,778)</b>	<b>5,917,507</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>145,103</b>	<b>86,569,529</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
February 29, 2024

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$508,586	\$467,374	\$41,212	8.8%	\$970,610	\$946,417	\$24,194	2.6%
Forfeited Discounts	7,059	7,803	(744)	-9.5%	18,270	14,529	3,742	25.8%
Miscellaneous Service Revenue	2,253	2,458	(205)	-8.3%	4,303	4,495	(193)	-4.3%
Other Water Revenue	50	50	0	0.1%	100	100	0	0.1%
Interest Income	26,220	30,747	(4,527)	-14.7%	64,859	56,277	8,582	15.2%
Rental Income	(2,013)	2,172	(4,185)	-192.7%	(3,530)	(3,294)	(236)	-7.2%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>542,155</b>	<b>510,604</b>	<b>31,551</b>	<b>6.2%</b>	<b>1,054,612</b>	<b>1,018,524</b>	<b>36,088</b>	<b>3.5%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	30,728	27,646	3,083	11.2%	63,959	55,026	8,933	16.2%
Commissioner Fees	1,250	1,250	0	0.0%	2,500	2,500	0	0.0%
Employee Overhead	17,325	15,060	2,265	15.0%	36,061	29,976	6,085	20.3%
Sewage Disposal	296,823	274,532	22,291	8.1%	567,012	546,508	20,504	3.8%
Purchased Power	14,346	14,207	139	1.0%	28,130	28,093	38	0.1%
Chemicals	3,197	3,523	(327)	-9.3%	3,197	7,313	(4,116)	-56.3%
Materials & Supplies	4,930	2,154	2,776	128.9%	10,307	1,579	8,728	552.6%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,769	1,050	719	68.5%	2,936	2,100	836	39.8%
Contractual Servs - Legal	129	18	110	597.8%	129	18	110	597.8%
Contractual Servs - Other	14,290	14,559	(269)	-1.8%	32,339	27,989	4,350	15.5%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	1,789	2,918	(1,129)	-38.7%	4,129	5,713	(1,584)	-27.7%
Insurance - General Liability	1,385	1,103	282	25.5%	2,770	2,207	563	25.5%
Insurance - Other	212	212	0	0.0%	424	424	0	0.0%
Regulatory Expense	644	690	(46)	-6.6%	1,289	1,380	(91)	-6.6%
Bad Debt Expense	21	(29)	49	173.2%	138	(252)	390	155.0%
Miscellaneous Expenses	1,525	832	693	83.4%	2,300	2,114	186	8.8%
<b>SUBTOTAL - Operating Expenses</b>	<b>390,362</b>	<b>359,726</b>	<b>30,636</b>	<b>8.5%</b>	<b>757,622</b>	<b>712,689</b>	<b>44,933</b>	<b>6.3%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	186,766	155,434	31,332	20.2%	352,767	310,868	41,899	13.5%
Misc Non-Operating Income	0	0	0	0.0%	0	0	0	0.0%
Unrealized (Gain) \ Loss	(7,045)	0	(7,045)	100.0%	(7,045)	0	(7,045)	100.0%
Interest Expense	32,113	31,017	1,095	3.5%	63,068	64,470	(1,402)	-2.2%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	737	1,162	(425)	-36.6%	1,474	2,324	(850)	-36.6%
<b>Subtotal - Other Expenses</b>	<b>212,571</b>	<b>187,613</b>	<b>24,958</b>	<b>13.3%</b>	<b>410,265</b>	<b>377,662</b>	<b>32,603</b>	<b>8.6%</b>
<b>TOTAL Expenses</b>	<b>602,933</b>	<b>547,340</b>	<b>55,594</b>	<b>10.2%</b>	<b>1,167,886</b>	<b>1,090,351</b>	<b>77,535</b>	<b>7.1%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$60,778)</b>	<b>(\$36,736)</b>	<b>(\$24,043)</b>	<b>-65.4%</b>	<b>(\$113,274)</b>	<b>(\$71,827)</b>	<b>(\$41,447)</b>	<b>-57.7%</b>

Reviewed by: CDApproved by: JPDate Finalized: 3/21/24

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 February 2024

	MONTH		YEAR TO DATE	
	February 2024	February 2023	February 2024	February 2023
TOTAL GALLONS DISPOSED	98,656,000	87,752,000	185,021,000	174,687,000
GALLONS SOLD:				
Residential	35,531,971	32,512,485	67,660,968	66,720,158
Commercial	79,461,163	72,654,923	149,600,609	146,793,743
<b>TOTAL Sold</b>	<b>114,993,134</b>	<b>105,167,408</b>	<b>217,261,577</b>	<b>213,513,901</b>
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	16,337,134	17,415,408	32,240,577	38,826,901
<b>PERCENTAGE DISPOSED</b>	<b>85.8%</b>	<b>83.4%</b>	<b>85.2%</b>	<b>81.8%</b>
PRECIPITATION	5.80	4.70	7.80	7.70
<b>NEW SEWER APPLICATIONS</b>	<b>56</b>	<b>37</b>	<b>91</b>	<b>68</b>
CUSTOMERS BILLED:				
Residential	9,413	8,857	18,839	17,647
Commercial	884	819	1,809	1,644
TOTAL Billed	10,297	9,676	20,648	19,291
AVG GALLONS PER CUSTOMER:				
Residential	3,775	3,671	3,592	3,781
Commercial	89,888	88,712	82,698	89,291
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$23.01	\$22.13	\$22.20	\$22.68
Commercial	\$330.26	\$331.36	\$305.37	\$332.19
MILES OF COLLECTION MAIN ADDED	-	-	218.660	218.720
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	47.1	44.2	47.1	44.2
COST PER 1,000 GALLONS	\$5.2432	\$5.2045	\$5.3755	\$5.1067
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.1285

Reviewed by:         DW          
 Approved by:         JP          
 Date Finalized:         03/21/24

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Budget Comparison**  
February 29, 2024

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$508,586	\$467,374	\$495,800	\$12,786	2.6%	\$970,610	\$946,417	\$999,100	(\$28,490)	-2.9%
Forfeited Discounts	7,059	7,803	6,700	359	5.4%	18,270	14,529	13,500	4,770	35.3%
Miscellaneous Service Revenue	2,253	2,458	2,900	(648)	-22.3%	4,303	4,495	5,800	(1,498)	-25.8%
Other Water Revenue	50	50	50	0	0.1%	100	100	100	0	0.1%
Interest Income	26,220	30,747	42,800	(16,580)	-38.7%	64,859	56,277	88,700	(23,841)	-26.9%
Rental Income - Office Building	(2,013)	2,172	(1,300)	(713)	-54.8%	(3,530)	(3,294)	(2,600)	(930)	-35.8%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>542,155</b>	<b>510,604</b>	<b>546,950</b>	<b>(4,795)</b>	<b>-0.9%</b>	<b>1,054,612</b>	<b>1,018,524</b>	<b>1,104,600</b>	<b>(49,988)</b>	<b>-4.5%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	30,728	27,646	31,900	(1,172)	-3.7%	63,959	55,026	68,500	(4,541)	-6.6%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	2,500	2,500	2,500	0	0.0%
Fringe Benefits	17,325	15,060	17,900	(575)	-3.2%	36,061	29,976	38,400	(2,339)	-6.1%
Sewage Disposal	296,823	274,532	291,300	5,523	1.9%	567,012	546,508	577,200	(10,188)	-1.8%
Purchased Power	14,346	14,207	14,000	346	2.5%	28,130	28,093	27,800	330	1.2%
Chemicals	3,197	3,523	3,100	97	3.1%	3,197	7,313	6,200	(3,003)	-48.4%
Materials & Supplies	4,930	2,154	4,790	140	2.9%	10,307	1,579	9,480	827	8.7%
Contractual Servs - Engineering	0	0	0	0	0.0%	0	0	0	0	0.0%
Contractual Servs - Accounting	1,769	1,050	1,940	(171)	-8.8%	2,936	2,100	3,880	(944)	-24.3%
Contractual Servs - Legal	129	18	1,200	(1,071)	-89.3%	129	18	2,400	(2,271)	-94.6%
Contractual Servs - Other	14,290	14,559	19,790	(5,500)	-27.8%	32,339	27,989	39,580	(7,241)	-18.3%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	1,789	2,918	4,000	(2,212)	-55.3%	4,129	5,713	8,600	(4,471)	-52.0%
Insurance - General Liability	1,385	1,103	1,500	(115)	-7.7%	2,770	2,207	3,000	(230)	-7.7%
Insurance - Other	212	212	210	2	1.0%	424	424	420	4	1.0%
Regulatory Expense	644	690	700	(56)	-8.0%	1,289	1,380	1,400	(111)	-8.0%
Bad Debt Expense	21	(29)	530	(509)	-96.1%	138	(252)	1,060	(922)	-87.0%
Miscellaneous Expenses	1,525	832	1,500	25	1.7%	2,300	2,114	3,000	(700)	-23.3%
<b>SUBTOTAL - Operating Expenses</b>	<b>390,362</b>	<b>359,726</b>	<b>395,610</b>	<b>(5,248)</b>	<b>-1.3%</b>	<b>757,622</b>	<b>712,689</b>	<b>793,420</b>	<b>(35,798)</b>	<b>-4.5%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	186,766	155,434	171,900	14,866	8.6%	352,767	310,868	343,400	9,367	2.7%
Misc Non-Operating Income	0	0	0	0	0.0%	0	0	0	0	0.0%
Misc Non-Operating Expense	(7,045)	0	0	(7,045)	100.0%	(7,045)	0	0	(7,045)	100.0%
Interest Expense	32,113	31,017	31,971	141	0.4%	63,068	64,470	63,943	(875)	-1.4%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	737	1,162	700	37	5.3%	1,474	2,324	1,400	74	5.3%
<b>SUBTOTAL - Other Expenses</b>	<b>212,571</b>	<b>187,613</b>	<b>204,571</b>	<b>8,000</b>	<b>3.9%</b>	<b>410,265</b>	<b>377,662</b>	<b>408,743</b>	<b>1,522</b>	<b>0.4%</b>
<b>TOTAL Expenses</b>	<b>602,933</b>	<b>547,340</b>	<b>600,181</b>	<b>2,752</b>	<b>0.5%</b>	<b>1,167,886</b>	<b>1,090,351</b>	<b>1,202,163</b>	<b>(34,277)</b>	<b>-2.9%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$60,778)</b>	<b>(\$36,736)</b>	<b>(\$53,231)</b>	<b>(\$7,547)</b>	<b>-14.2%</b>	<b>(\$113,274)</b>	<b>(\$71,827)</b>	<b>(\$97,563)</b>	<b>(\$15,711)</b>	<b>-16.1%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
March 31, 2024

	Activity	Balance
<b>ASSETS AND OTHER DEBITS</b>		
UTILITY PLANT:		
Utility Plant in Service	-	87,244,808
Construction Work in Progress	45,105	2,024,781
Less Accumulated Depreciation	(176,389)	(20,924,379)
<b>TOTAL UTILITY PLANT</b>	<b>(131,284)</b>	<b>68,345,210</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
<b>Depreciation Reserve</b>	<b>1,036,212</b>	<b>7,968,198</b>
Sinking Funds:		
KIA Loan, Buchanon Park	56	1,849
KIA Loan, Plum Springs Rehabilitation	10,210	36,048
USDA, Series 2019	2,500	21,069
KRWFC Loan, Series 2021A	11,362	41,195
KRWFC Loan, Series 2021A	592	145,048
<b>Total Sinking Funds</b>	<b>24,720</b>	<b>245,209</b>
Debt Service Reserve	-	-
Special Funds:		
Construction Accounts	(240,991)	6,574,522
Letter of Credit (KEDFA)	329	293,388
Customer Deposits	-	440,122
<b>Total Special Funds</b>	<b>(240,662)</b>	<b>7,308,032</b>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>820,271</b>	<b>15,521,439</b>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	(696,052)	1,335,442
Accounts Receivable - Customer	(24,750)	683,936
Accounts Receivable - Misc	(35,770)	527,018
Prepayments	(1,955)	9,805
Deferred Debits	(38,344)	(32,037)
Other Current Assets	28,736	99,569
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>(768,136)</b>	<b>2,623,732</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>(79,149)</b>	<b>86,490,380</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
March 31, 2024

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	28,080	66,286,988
Customer Advance for Construction	(1,600)	1,494,190
<b>TOTAL CAPITAL</b>	<b>26,480</b>	<b>67,781,178</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	615,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,455)	442,424
KIA Loan, Plum Springs Rehabilitation	-	1,748,314
KRWFC Loan, Series 2013B	-	31,029
KRWFC Loan, Series 2021A	-	965,000
KRWFC Loan, Series 2022D	-	7,754,620
<b>Total Long Term Loans</b>	<b>(3,455)</b>	<b>10,941,387</b>
<b>TOTAL LONG TERM DEBT</b>	<b>(3,455)</b>	<b>11,556,387</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	(80,389)	593,094
Customer Deposits	2,000	425,922
Interest - Customer Deposits	(2,160)	-
Taxes and Equivalents	(366)	13,603
Deferred Credits	(921)	65,231
<b>Total Current Liabilities</b>	<b>(81,835)</b>	<b>1,097,849</b>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,132
KRWFC Loan, Series 2013B	81	162
KIA Loan, Plum Springs Rehabilitation	2,856	11,598
USDA, Series 2019	1,257	3,335
KRWFC Loan, Series 2021A	2,527	5,048
KRWFC Loan, Series 2022D	24,310	47,214
KRWFC Loan, Series 2022D (Arbitrage)	9,505	129,846
<b>Total Interest Accrued - Long Term Debt</b>	<b>40,536</b>	<b>198,333</b>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>(41,300)</b>	<b>1,296,183</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,030,781
Current Year to Date	(60,874)	(174,148)
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>(60,874)</b>	<b>5,856,633</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>(79,149)</b>	<b>86,490,380</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
March 31, 2024

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$487,862	\$477,298	\$10,564	2.2%	\$1,458,472	\$1,423,714	\$34,758	2.4%
Forfeited Discounts	11,521	4,678	6,844	146.3%	29,792	19,207	10,585	55.1%
Miscellaneous Service Revenue	2,428	2,658	(230)	-8.7%	6,730	7,153	(423)	-5.9%
Other Water Revenue	50	50	(0)	-0.1%	150	150	0	0.0%
Interest Income	41,584	29,292	12,293	42.0%	106,443	85,569	20,874	24.4%
Rental Income	(187)	52	(240)	-457.3%	(3,717)	(3,242)	(476)	-14.7%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>543,258</b>	<b>514,027</b>	<b>29,231</b>	<b>5.7%</b>	<b>1,597,870</b>	<b>1,532,551</b>	<b>65,319</b>	<b>4.3%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	27,294	29,034	(1,740)	-6.0%	91,253	84,060	7,193	8.6%
Commissioner Fees	1,250	1,250	0	0.0%	3,750	3,750	0	0.0%
Employee Overhead	15,293	15,819	(526)	-3.3%	51,354	45,795	5,559	12.1%
Sewage Disposal	310,572	285,357	25,216	8.8%	877,585	831,865	45,720	5.5%
Purchased Power	13,769	12,947	822	6.3%	41,899	41,040	859	2.1%
Chemicals	3,197	3,523	(327)	-9.3%	6,393	10,836	(4,443)	-41.0%
Materials & Supplies	5,947	4,838	1,109	22.9%	16,255	6,418	9,837	153.3%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,769	1,050	719	68.5%	4,705	3,150	1,555	49.4%
Contractual Servs - Legal	159	553	(395)	-71.3%	287	572	(284)	-49.7%
Contractual Servs - Other	17,078	18,915	(1,837)	-9.7%	49,417	46,904	2,513	5.4%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	1,407	3,640	(2,233)	-61.3%	5,536	9,353	(3,817)	-40.8%
Insurance - General Liability	1,385	1,103	282	25.5%	4,155	3,310	845	25.5%
Insurance - Other	212	212	0	0.0%	636	636	0	0.0%
Regulatory Expense	644	690	(46)	-6.6%	1,933	2,070	(137)	-6.6%
Bad Debt Expense	186	554	(367)	-66.4%	325	302	22	7.4%
Miscellaneous Expenses	1,074	831	243	29.3%	3,375	2,945	430	14.6%
<b>SUBTOTAL - Operating Expenses</b>	<b>401,237</b>	<b>380,317</b>	<b>20,920</b>	<b>5.5%</b>	<b>1,158,858</b>	<b>1,093,006</b>	<b>65,852</b>	<b>6.0%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	176,389	155,434	20,955	13.5%	529,156	466,302	62,854	13.5%
Misc Non-Operating Income	0	(2)	2	-100.0%	0	(2)	2	-100.0%
Unrealized (Gain) \ Loss	(6,429)	3,080	(9,509)	-308.7%	(13,474)	3,080	(16,554)	-537.4%
Interest Expense	32,198	30,960	1,238	4.0%	95,266	95,430	(163)	-0.2%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	737	629	108	17.1%	2,212	2,953	(742)	-25.1%
<b>Subtotal - Other Expenses</b>	<b>202,895</b>	<b>190,102</b>	<b>12,793</b>	<b>6.7%</b>	<b>613,160</b>	<b>567,764</b>	<b>45,396</b>	<b>8.0%</b>
<b>TOTAL Expenses</b>	<b>604,132</b>	<b>570,419</b>	<b>33,713</b>	<b>5.9%</b>	<b>1,772,018</b>	<b>1,660,770</b>	<b>111,248</b>	<b>6.7%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$60,874)</b>	<b>(\$56,392)</b>	<b>(\$4,482)</b>	<b>-7.9%</b>	<b>(\$174,148)</b>	<b>(\$128,219)</b>	<b>(\$45,929)</b>	<b>-35.8%</b>

Reviewed by: CDApproved by: JPDate Finalized: 4/18/24

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 March 2024

	MONTH		YEAR TO DATE	
	March 2024	March 2023	March 2024	March 2023
TOTAL GALLONS DISPOSED	95,493,000	91,212,000	280,514,000	265,899,000
GALLONS SOLD:				
Residential	32,516,648	31,069,244	100,177,616	97,789,402
Commercial	77,393,827	77,455,134	226,994,436	224,248,877
TOTAL Sold	109,910,475	108,524,378	327,172,052	322,038,279
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	14,417,475	17,312,378	46,658,052	56,139,279
<b>PERCENTAGE DISPOSED</b>	<b>86.9%</b>	<b>84.0%</b>	<b>85.7%</b>	<b>82.6%</b>
PRECIPITATION	3.40	3.40	11.20	11.10
<b>NEW SEWER APPLICATIONS</b>	<b>39</b>	<b>70</b>	<b>130</b>	<b>138</b>
CUSTOMERS BILLED:				
Residential	9,495	8,919	28,334	26,566
Commercial	882	823	2,691	2,467
TOTAL Billed	10,377	9,742	31,025	29,033
AVG GALLONS PER CUSTOMER:				
Residential	3,425	3,483	3,536	3,681
Commercial	87,748	94,113	84,353	90,899
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$21.42	\$21.63	\$21.94	\$22.33
Commercial	\$322.56	\$345.57	\$311.00	\$336.65
MILES OF COLLECTION MAIN ADDED	-	-	218.660	218.720
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	47.5	44.5	47.5	44.5
COST PER 1,000 GALLONS	\$5.4966	\$5.2561	\$5.4162	\$5.1571
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.1285

Reviewed by:           DW            
 Approved by:           JP            
 Date Finalized:           04/18/24



WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
March 31, 2024

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$487,862	\$477,298	\$509,600	(\$21,738)	-4.3%	\$1,458,472	\$1,423,714	\$1,508,700	(\$50,228)	-3.3%
Forfeited Discounts	11,521	4,678	6,900	4,621	67.0%	29,792	19,207	20,400	9,392	46.0%
Miscellaneous Service Revenue	2,428	2,658	3,000	(573)	-19.1%	6,730	7,153	8,800	(2,070)	-23.5%
Other Water Revenue	50	50	50	(0)	-0.1%	150	150	150	0	0.0%
Interest Income	41,584	29,292	45,600	(4,016)	-8.8%	106,443	85,569	134,300	(27,857)	-20.7%
Rental Income - Office Building	(187)	52	(1,300)	1,113	85.6%	(3,717)	(3,242)	(3,900)	183	4.7%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>543,258</b>	<b>514,027</b>	<b>563,850</b>	<b>(20,592)</b>	<b>-3.7%</b>	<b>1,597,870</b>	<b>1,532,551</b>	<b>1,668,450</b>	<b>(70,580)</b>	<b>-4.2%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	27,294	29,034	35,000	(7,706)	-22.0%	91,253	84,060	103,500	(12,247)	-11.8%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	3,750	3,750	3,750	0	0.0%
Fringe Benefits	15,293	15,819	19,700	(4,407)	-22.4%	51,354	45,795	58,100	(6,746)	-11.6%
Sewage Disposal	310,572	285,357	304,800	5,772	1.9%	877,585	831,865	882,000	(4,415)	-0.5%
Purchased Power	13,769	12,947	14,700	(931)	-6.3%	41,899	41,040	42,500	(601)	-1.4%
Chemicals	3,197	3,523	3,300	(103)	-3.1%	6,393	10,836	9,500	(3,107)	-32.7%
Materials & Supplies	5,947	4,838	4,890	1,057	21.6%	16,255	6,418	14,370	1,885	13.1%
Contractual Servs - Engineering	0	0	3,500	(3,500)	-100.0%	0	0	3,500	(3,500)	-100.0%
Contractual Servs - Accounting	1,769	1,050	1,940	(171)	-8.8%	4,705	3,150	5,820	(1,115)	-19.2%
Contractual Servs - Legal	159	553	1,200	(1,041)	-86.8%	287	572	3,600	(3,313)	-92.0%
Contractual Servs - Other	17,078	18,915	19,885	(2,807)	-14.1%	49,417	46,904	59,465	(10,048)	-16.9%
Rental of Building & Utilities	0	0	0	0	0.0%	0	0	0	0	0.0%
Equipment Expense	1,407	3,640	4,400	(2,993)	-68.0%	5,536	9,353	13,000	(7,464)	-57.4%
Insurance - General Liability	1,385	1,103	1,500	(115)	-7.1%	4,155	3,310	4,500	(345)	-7.7%
Insurance - Other	212	212	210	2	1.0%	636	636	630	6	1.0%
Regulatory Expense	644	690	700	(56)	-8.0%	1,933	2,070	2,100	(167)	-8.0%
Bad Debt Expense	186	554	530	(344)	-64.8%	325	302	1,590	(1,265)	-79.6%
Miscellaneous Expenses	1,074	831	1,500	(426)	-28.4%	3,375	2,945	4,500	(1,125)	-25.0%
<b>SUBTOTAL - Operating Expenses</b>	<b>401,237</b>	<b>380,317</b>	<b>419,005</b>	<b>(17,768)</b>	<b>-4.2%</b>	<b>1,158,858</b>	<b>1,093,006</b>	<b>1,212,425</b>	<b>(53,567)</b>	<b>-4.4%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	176,389	155,434	172,200	4,189	2.4%	529,156	466,302	515,600	13,556	2.6%
Misc Non-Operating Income	0	(2)	0	0	0.0%	0	(2)	0	0	0.0%
Misc Non-Operating Expense	(6,429)	3,080	0	(6,429)	100.0%	(13,474)	3,080	0	(13,474)	100.0%
Interest Expense	32,198	30,960	31,971	227	0.7%	95,266	95,430	95,914	(648)	-0.7%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	737	629	700	37	5.3%	2,212	2,953	2,100	112	5.3%
<b>SUBTOTAL - Other Expenses</b>	<b>202,895</b>	<b>190,102</b>	<b>204,871</b>	<b>(1,976)</b>	<b>-1.0%</b>	<b>613,160</b>	<b>567,764</b>	<b>613,614</b>	<b>(454)</b>	<b>-0.1%</b>
<b>TOTAL Expenses</b>	<b>604,132</b>	<b>570,419</b>	<b>623,876</b>	<b>(19,744)</b>	<b>-3.2%</b>	<b>1,772,018</b>	<b>1,660,770</b>	<b>1,826,039</b>	<b>(54,021)</b>	<b>-3.0%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$60,874)</b>	<b>(\$56,392)</b>	<b>(\$60,026)</b>	<b>(\$848)</b>	<b>-1.4%</b>	<b>(\$174,148)</b>	<b>(\$128,219)</b>	<b>(\$157,589)</b>	<b>(\$16,559)</b>	<b>-10.5%</b>

**WARREN COUNTY WATER DISTRICT  
SEWER DIVISION**

Balance Sheet  
April 30, 2024

	Activity	Balance
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	2,967,279	90,212,087
Construction Work in Progress	8,095	2,032,876
Less Accumulated Depreciation	(176,328)	(21,100,707)
<b>TOTAL UTILITY PLANT</b>	<b>2,799,046</b>	<b>71,144,255</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	52,014	8,020,212
<b>Sinking Funds:</b>		
KIA Loan, Buchanon Park	57	1,906
KIA Loan, Plum Springs Rehabilitation	10,210	46,258
USDA, Series 2019	2,500	23,569
KRWFC Loan, Series 2021A	11,421	52,616
KRWFC Loan, Series 2021A	635	145,683
<b>Total Sinking Funds</b>	<b>24,823</b>	<b>270,032</b>
Debt Service Reserve	-	-
<b>Special Funds:</b>		
Construction Accounts	22,097	6,596,619
Letter of Credit (KEDFA)	319	293,706
Customer Deposits	-	440,122
<b>Total Special Funds</b>	<b>22,415</b>	<b>7,330,447</b>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>99,253</b>	<b>15,620,691</b>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	93,842	1,429,285
Accounts Receivable - Customer	340	684,276
Accounts Receivable - Misc	685	527,703
Prepayments	(1,599)	8,206
Deferred Debits	(13,493)	(45,531)
Other Current Assets	(291)	99,277
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>79,484</b>	<b>2,703,216</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>2,977,783</b>	<b>89,468,163</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
April 30, 2024

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	2,808,511	69,095,499
Customer Advance for Construction	142,560	1,636,750
<b>TOTAL CAPITAL</b>	<b>2,951,071</b>	<b>70,732,249</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	615,000
Long Term Loans:		
KIA Loan, Buchanon Park	(3,463)	438,961
KIA Loan, Plum Springs Rehabilitation	-	1,748,314
KRWFC Loan, Series 2013B	-	31,029
KRWFC Loan, Series 2021A	-	965,000
KRWFC Loan, Series 2022D	-	7,754,620
<b>Total Long Term Loans</b>	<b>(3,463)</b>	<b>10,937,924</b>
<b>TOTAL LONG TERM DEBT</b>	<b>(3,463)</b>	<b>11,552,924</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	13,975	607,069
Customer Deposits	1,275	427,197
Interest - Customer Deposits	1,097	1,097
Taxes and Equivalents	372	13,974
Deferred Credits	(921)	64,310
<b>Total Current Liabilities</b>	<b>15,797</b>	<b>1,113,646</b>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanon Park	-	1,132
KRWFC Loan, Series 2013B	81	243
KIA Loan, Plum Springs Rehabilitation	2,856	14,454
USDA, Series 2019	1,257	4,592
KRWFC Loan, Series 2021A	2,527	7,575
KRWFC Loan, Series 2022D	24,310	71,524
KRWFC Loan, Series 2022D (Arbitrage)	11,122	140,967
<b>Total Interest Accrued - Long Term Debt</b>	<b>42,153</b>	<b>240,486</b>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>57,950</b>	<b>1,354,133</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,030,781
Current Year to Date	(27,775)	(201,924)
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>(27,775)</b>	<b>5,828,858</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>2,977,783</b>	<b>89,468,163</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
April 30, 2024

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$494,106	\$473,182	\$20,924	4.4%	\$1,952,578	\$1,896,896	\$55,682	2.9%
Forfeited Discounts	10,078	5,400	4,679	86.7%	39,870	24,606	15,264	62.0%
Miscellaneous Service Revenue	2,923	2,190	733	33.4%	9,653	9,343	310	3.3%
Other Water Revenue	50	50	(0)	-0.1%	200	200	(0)	0.0%
Interest Income	40,285	36,132	4,153	11.5%	146,728	121,701	25,028	20.6%
Rental Income	(1,036)	332	(1,367)	-412.2%	(4,753)	(2,910)	(1,843)	-63.3%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>546,406</b>	<b>517,285</b>	<b>29,121</b>	<b>5.6%</b>	<b>2,144,276</b>	<b>2,049,836</b>	<b>94,441</b>	<b>4.6%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	30,439	22,563	7,876	34.9%	121,693	106,623	15,070	14.1%
Commissioner Fees	1,250	1,250	0	0.0%	5,000	5,000	0	0.0%
Employee Overhead	17,162	12,292	4,870	39.6%	68,516	58,087	10,429	18.0%
Sewage Disposal	285,335	281,008	4,327	1.5%	1,162,920	1,112,873	50,047	4.5%
Purchased Power	13,337	13,211	126	1.0%	55,236	54,251	985	1.8%
Chemicals	2,042	3,523	(1,481)	-42.0%	8,436	14,360	(5,924)	-41.3%
Materials & Supplies	3,666	2,278	1,388	60.9%	19,920	8,696	11,225	129.1%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,055	1,206	(151)	-12.5%	5,759	4,356	1,404	32.2%
Contractual Servs - Legal	0	0	0	0.0%	287	572	(284)	-49.7%
Contractual Servs - Other	15,145	15,709	(564)	-3.6%	64,562	62,613	1,949	3.1%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	1,472	2,396	(924)	-38.6%	7,008	11,749	(4,741)	-40.4%
Insurance - General Liability	1,385	1,103	282	25.5%	5,541	4,414	1,127	25.5%
Insurance - Other	212	212	0	0.0%	848	848	0	0.0%
Regulatory Expense	644	690	(46)	-6.6%	2,577	2,760	(183)	-6.6%
Bad Debt Expense	92	63	29	45.9%	417	366	52	14.1%
Miscellaneous Expenses	774	831	(57)	-6.8%	4,148	3,776	373	9.9%
<b>SUBTOTAL - Operating Expenses</b>	<b>374,011</b>	<b>358,336</b>	<b>15,675</b>	<b>4.4%</b>	<b>1,532,869</b>	<b>1,451,343</b>	<b>81,527</b>	<b>5.6%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	176,328	158,852	17,476	11.0%	705,484	625,154	80,330	12.8%
Misc Non-Operating Income	0	0	0	0.0%	0	(2)	2	-100.0%
Unrealized (Gain) \ Loss	(9,220)	0	(9,220)	100.0%	(22,694)	3,080	(25,774)	-836.8%
Interest Expense	32,325	31,002	1,323	4.3%	127,591	126,432	1,159	0.9%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	737	629	108	17.1%	2,949	3,583	(634)	-17.7%
<b>Subtotal - Other Expenses</b>	<b>200,170</b>	<b>190,484</b>	<b>9,687</b>	<b>5.1%</b>	<b>813,330</b>	<b>758,247</b>	<b>55,083</b>	<b>7.3%</b>
<b>TOTAL Expenses</b>	<b>574,181</b>	<b>548,820</b>	<b>25,362</b>	<b>4.6%</b>	<b>2,346,200</b>	<b>2,209,590</b>	<b>136,610</b>	<b>6.2%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$27,775)</b>	<b>(\$31,535)</b>	<b>\$3,760</b>	<b>11.9%</b>	<b>(\$201,924)</b>	<b>(\$159,754)</b>	<b>(\$42,169)</b>	<b>-26.4%</b>

Reviewed by: CDApproved by: JPDate Finalized: 5/16/24

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 April 2024

	MONTH		YEAR TO DATE	
	April 2024	April 2023	April 2024	April 2023
TOTAL GALLONS DISPOSED	91,205,000	89,822,000	371,719,000	355,721,000
GALLONS SOLD:				
Residential	33,314,283	31,383,436	133,491,899	129,172,838
Commercial	77,813,557	75,934,913	304,807,993	300,183,790
TOTAL Sold	111,127,840	107,318,349	438,299,892	429,356,628
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	19,922,840	17,496,349	66,580,892	73,635,628
<b>PERCENTAGE DISPOSED</b>	<b>82.1%</b>	<b>83.7%</b>	<b>84.8%</b>	<b>82.8%</b>
PRECIPITATION	1.90	5.80	13.10	16.90
<b>NEW SEWER APPLICATIONS</b>	<b>53</b>	<b>47</b>	<b>183</b>	<b>185</b>
CUSTOMERS BILLED:				
Residential	9,678	8,975	38,012	35,541
Commercial	891	829	3,582	3,296
TOTAL Billed	10,569	9,804	41,594	38,837
AVG GALLONS PER CUSTOMER:				
Residential	3,442	3,497	3,512	3,634
Commercial	87,333	91,598	85,094	91,075
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$21.50	\$21.64	\$21.82	\$22.15
Commercial	\$321.07	\$336.55	\$313.51	\$336.63
MILES OF COLLECTION MAIN ADDED	-	-	218.660	218.720
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	48.3	44.8	48.3	44.8
COST PER 1,000 GALLONS	\$5.1669	\$5.1139	\$5.3530	\$5.1463
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.1285

Reviewed by:         DW          
 Approved by:         JP          
 Date Finalized:         5/16/24

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Budget Comparison**  
April 30, 2024

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$494,106	\$473,182	\$505,600	(\$11,494)	-2.3%	\$1,952,578	\$1,896,896	\$2,014,300	(\$61,722)	-3.1%
Forfeited Discounts	10,078	5,400	6,800	3,278	48.2%	39,870	24,606	27,200	12,670	46.6%
Miscellaneous Service Revenue	2,923	2,190	2,900	23	0.8%	9,653	9,343	11,700	(2,048)	-17.5%
Other Water Revenue	50	50	50	(0)	-0.1%	200	200	200	(0)	0.0%
Interest Income	40,285	36,132	44,400	(4,115)	-9.3%	146,728	121,701	178,700	(31,972)	-17.9%
Rental Income - Office Building	(1,036)	332	(1,300)	264	20.3%	(4,753)	(2,910)	(5,200)	447	8.6%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>546,406</b>	<b>517,285</b>	<b>558,450</b>	<b>(12,044)</b>	<b>-2.2%</b>	<b>2,144,276</b>	<b>2,049,836</b>	<b>2,226,900</b>	<b>(82,624)</b>	<b>-3.7%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	30,439	22,563	33,400	(2,961)	-8.9%	121,693	106,623	136,900	(15,207)	-11.1%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	5,000	5,000	5,000	0	0.0%
Fringe Benefits	17,162	12,292	18,900	(1,738)	-9.2%	68,516	58,087	77,000	(8,484)	-11.0%
Sewage Disposal	285,335	281,008	300,500	(15,165)	-5.0%	1,162,920	1,112,873	1,182,500	(19,580)	-1.7%
Purchased Power	13,337	13,211	14,300	(963)	-6.7%	55,236	54,251	56,800	(1,564)	-2.8%
Chemicals	2,042	3,523	3,200	(1,158)	-36.2%	8,436	14,360	12,700	(4,264)	-33.6%
Materials & Supplies	3,666	2,278	4,890	(1,224)	-25.0%	19,920	8,696	19,260	660	3.4%
Contractual Servs - Engineering	0	0	3,500	(3,500)	-100.0%	0	0	7,000	(7,000)	-100.0%
Contractual Servs - Accounting	1,055	1,206	1,940	(885)	-45.6%	5,759	4,356	7,760	(2,001)	-25.8%
Contractual Servs - Legal	0	0	1,200	(1,200)	-100.0%	287	572	4,800	(4,513)	-94.0%
Contractual Servs - Other	15,145	15,709	19,980	(4,835)	-24.2%	64,562	62,613	79,445	(14,883)	-18.7%
Rental of Building & Utilities	0	0	400	(400)	-100.0%	0	0	400	(400)	-100.0%
Equipment Expense	1,472	2,396	4,200	(2,728)	-65.0%	7,008	11,749	17,200	(10,192)	-59.3%
Insurance - General Liability	1,385	1,103	1,500	(115)	-7.7%	5,541	4,414	6,000	(459)	-7.7%
Insurance - Other	212	212	210	2	1.0%	848	848	840	8	1.0%
Regulatory Expense	644	690	700	(56)	-8.0%	2,577	2,760	2,800	(223)	-8.0%
Bad Debt Expense	92	63	530	(438)	-82.6%	417	366	2,120	(1,703)	-80.3%
Miscellaneous Expenses	774	831	1,500	(726)	-48.4%	4,148	3,776	6,000	(1,852)	-30.9%
<b>SUBTOTAL - Operating Expenses</b>	<b>374,011</b>	<b>358,336</b>	<b>412,100</b>	<b>(38,089)</b>	<b>-9.2%</b>	<b>1,532,869</b>	<b>1,451,343</b>	<b>1,624,525</b>	<b>(91,656)</b>	<b>-5.6%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	176,328	158,852	172,900	3,428	2.0%	705,484	625,154	688,500	16,984	2.5%
Misc Non-Operating Income	0	0	0	0	0.0%	0	(2)	0	0	0.0%
Misc Non-Operating Expense	(9,220)	0	0	(9,220)	100.0%	(22,694)	3,080	0	(22,694)	100.0%
Interest Expense	32,325	31,002	31,971	354	1.1%	127,591	126,432	127,886	(294)	-0.2%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	737	629	700	37	5.3%	2,949	3,583	2,800	149	5.3%
<b>SUBTOTAL - Other Expenses</b>	<b>200,170</b>	<b>190,484</b>	<b>205,571</b>	<b>(5,401)</b>	<b>-2.6%</b>	<b>813,330</b>	<b>758,247</b>	<b>819,186</b>	<b>(5,855)</b>	<b>-0.7%</b>
<b>TOTAL Expenses</b>	<b>574,181</b>	<b>548,820</b>	<b>617,671</b>	<b>(43,490)</b>	<b>-7.0%</b>	<b>2,346,200</b>	<b>2,209,590</b>	<b>2,443,711</b>	<b>(97,511)</b>	<b>-4.0%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$27,775)</b>	<b>(\$31,535)</b>	<b>(\$59,221)</b>	<b>\$31,446</b>	<b>53.1%</b>	<b>(\$201,924)</b>	<b>(\$159,754)</b>	<b>(\$216,811)</b>	<b>\$14,887</b>	<b>6.9%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
May 31, 2024

	Activity	Balance
<b>ASSETS AND OTHER DEBITS</b>		
<b>UTILITY PLANT:</b>		
Utility Plant in Service	2,320,312	92,532,399
Construction Work in Progress	93,460	2,126,336
Less Accumulated Depreciation	(186,693)	(21,287,400)
<b>TOTAL UTILITY PLANT</b>	<b>2,227,079</b>	<b>73,371,334</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Depreciation Reserve	336,200	8,356,412
<b>Sinking Funds:</b>		
KIA Loan, Buchanan Park	58	1,964
KIA Loan, Plum Springs Rehabilitation	10,210	56,468
USDA, Series 2019	2,500	26,069
KRWFC Loan, Series 2021A	11,461	64,077
KRWFC Loan, Series 2021A	618	146,301
<b>Total Sinking Funds</b>	<b>24,846</b>	<b>294,878</b>
Debt Service Reserve	-	-
<b>Special Funds:</b>		
Construction Accounts	20,676	6,617,295
Letter of Credit (KEDFA)	329	294,035
Customer Deposits	-	440,122
<b>Total Special Funds</b>	<b>21,005</b>	<b>7,351,452</b>
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>382,051</b>	<b>16,002,742</b>
<b>CURRENT AND ACCRUED ASSETS:</b>		
Cash - General Operations	(276,764)	1,152,521
Accounts Receivable - Customer	(34,088)	650,187
Accounts Receivable - Misc	118,478	646,181
Prepayments	413	8,619
Deferred Debits	30,944	(14,586)
Other Current Assets	(28,046)	71,231
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>(189,064)</b>	<b>2,514,152</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>2,420,066</b>	<b>91,888,229</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
May 31, 2024

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	2,184,366	71,279,864
Customer Advance for Construction	188,460	1,825,210
<b>TOTAL CAPITAL</b>	<b>2,372,826</b>	<b>73,105,074</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	615,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,472)	435,489
KIA Loan, Plum Springs Rehabilitation	-	1,748,314
KRWFC Loan, Series 2013B	-	31,029
KRWFC Loan, Series 2021A	-	965,000
KRWFC Loan, Series 2022D	-	7,754,620
<b>Total Long Term Loans</b>	<b>(3,472)</b>	<b>10,934,452</b>
<b>TOTAL LONG TERM DEBT</b>	<b>(3,472)</b>	<b>11,549,452</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	40,584	647,652
Customer Deposits	3,340	430,537
Interest - Customer Deposits	1,097	2,194
Taxes and Equivalents	801	14,776
Deferred Credits	(921)	63,388
<b>Total Current Liabilities</b>	<b>44,900</b>	<b>1,158,547</b>
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,132
KRWFC Loan, Series 2013B	81	324
KIA Loan, Plum Springs Rehabilitation	2,856	17,310
USDA, Series 2019	1,257	5,849
KRWFC Loan, Series 2021A	2,527	10,102
KRWFC Loan, Series 2022D	24,310	95,834
KRWFC Loan, Series 2022D (Arbitrage)	10,338	151,305
<b>Total Interest Accrued - Long Term Debt</b>	<b>41,369</b>	<b>281,855</b>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>86,269</b>	<b>1,440,402</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,030,781
Current Year to Date	(35,557)	(237,481)
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>(35,557)</b>	<b>5,793,301</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>2,420,066</b>	<b>91,888,229</b>



**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
**Summary of Revenue & Expense**  
 Actual vs. Prior Year  
 May 31, 2024

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	\$521,593	\$500,285	\$21,308	4.3%	\$2,474,171	\$2,397,182	\$76,990	3.2%
Forfeited Discounts	7,561	5,504	2,057	37.4%	47,431	30,110	17,321	57.5%
Miscellaneous Service Revenue	3,508	3,025	483	16.0%	13,160	12,368	793	6.4%
Other Water Revenue	50	50	0	0.1%	250	250	0	0.0%
Interest Income	43,785	44,949	(1,164)	-2.6%	190,514	166,650	23,864	14.3%
Rental Income	2,236	(1,205)	3,442	285.5%	(2,517)	(4,115)	1,599	38.8%
Disposition Gain \ (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>578,733</b>	<b>552,609</b>	<b>26,125</b>	<b>4.7%</b>	<b>2,723,010</b>	<b>2,602,444</b>	<b>120,565</b>	<b>4.6%</b>
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	35,404	31,487	3,917	12.4%	157,097	138,111	18,986	13.7%
Commissioner Fees	1,250	1,250	0	0.0%	6,250	6,250	0	0.0%
Employee Overhead	19,961	17,153	2,808	16.4%	88,477	75,240	13,237	17.6%
Sewage Disposal	290,789	288,445	2,344	0.8%	1,453,709	1,401,318	52,391	3.7%
Purchased Power	13,908	13,079	829	6.3%	69,144	67,330	1,814	2.7%
Chemicals	2,042	2,042	0	0.0%	10,478	16,402	(5,924)	-36.1%
Materials & Supplies	2,396	14,280	(11,884)	-83.2%	22,317	22,976	(659)	-2.9%
Contractual Servs - Engineering	0	0	0	0.0%	0	0	0	0.0%
Contractual Servs - Accounting	1,992	1,206	787	65.3%	7,752	5,561	2,191	39.4%
Contractual Servs - Legal	58	77	(19)	-24.4%	346	649	(303)	-46.7%
Contractual Servs - Other	16,548	14,533	2,015	13.9%	81,111	77,146	3,964	5.1%
Rental of Building & Utilities	0	0	0	0.0%	0	0	0	0.0%
Equipment Expense	3,753	4,256	(504)	-11.8%	10,761	16,005	(5,245)	-32.8%
Insurance - General Liability	1,563	1,525	38	2.5%	7,103	5,939	1,164	19.6%
Insurance - Other	212	212	(0)	0.0%	1,060	1,060	(0)	0.0%
Regulatory Expense	644	690	(46)	-6.6%	3,222	3,450	(229)	-6.6%
Bad Debt Expense	559	(108)	667	615.7%	976	257	719	279.4%
Miscellaneous Expenses	773	830	(57)	-6.8%	4,922	4,606	316	6.9%
<b>SUBTOTAL - Operating Expenses</b>	<b>391,853</b>	<b>390,957</b>	<b>897</b>	<b>0.2%</b>	<b>1,924,723</b>	<b>1,842,299</b>	<b>82,423</b>	<b>4.5%</b>
<b>OTHER EXPENSES:</b>								
Depreciation	186,693	156,238	30,455	19.5%	892,177	781,392	110,785	14.2%
Misc Non-Operating Income	0	(2)	2	-100.0%	0	(4)	4	-100.0%
Unrealized (Gain) \ Loss	2,683	(3,080)	5,763	187.1%	(20,011)	0	(20,011)	100.0%
Interest Expense	32,324	30,983	1,341	4.3%	159,916	157,415	2,501	1.6%
Debt Expense	0	0	0	0.0%	0	0	0	0.0%
OPEB Expense	737	629	108	17.1%	3,686	4,212	(526)	-12.5%
<b>Subtotal - Other Expenses</b>	<b>222,437</b>	<b>184,768</b>	<b>37,669</b>	<b>20.4%</b>	<b>1,035,768</b>	<b>943,016</b>	<b>92,752</b>	<b>9.8%</b>
<b>TOTAL Expenses</b>	<b>614,291</b>	<b>575,725</b>	<b>38,565</b>	<b>6.7%</b>	<b>2,960,490</b>	<b>2,785,315</b>	<b>175,175</b>	<b>6.3%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$35,557)</b>	<b>(\$23,117)</b>	<b>(\$12,441)</b>	<b>-53.8%</b>	<b>(\$237,481)</b>	<b>(\$182,871)</b>	<b>(\$54,610)</b>	<b>-29.9%</b>

Reviewed by: CDApproved by: JPDate Finalized: 6/20/24

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
 Statistical Report  
 May 2024

	MONTH		YEAR TO DATE	
	May 2024	May 2023	May 2024	May 2023
TOTAL GALLONS DISPOSED	92,944,000	92,199,000	464,663,000	447,920,000
GALLONS SOLD:				
Residential	37,005,138	35,611,724	170,497,037	164,784,562
Commercial	81,837,872	78,828,805	386,645,865	379,012,595
TOTAL Sold	118,843,010	114,440,529	557,142,902	543,797,157
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	25,899,010	22,241,529	92,479,902	95,877,157
<b>PERCENTAGE DISPOSED</b>	<b>78.2%</b>	<b>80.6%</b>	<b>83.4%</b>	<b>82.4%</b>
<b>PRECIPITATION</b>	<b>5.30</b>	<b>2.30</b>	<b>18.40</b>	<b>19.20</b>
NEW SEWER APPLICATIONS	72	50	255	235
CUSTOMERS BILLED:				
Residential	9,536	9,020	47,548	44,561
Commercial	886	861	4,468	4,157
TOTAL Billed	10,422	9,881	52,016	48,718
AVG GALLONS PER CUSTOMER:				
Residential	3,881	3,948	3,586	3,698
Commercial	92,368	91,555	86,537	91,175
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$23.20	\$23.47	\$22.10	\$22.42
Commercial	\$338.95	\$335.14	\$318.55	\$336.32
MILES OF COLLECTION MAIN ADDED	7.970	0.850	226.630	219.570
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	46.0	45.0	46.0	45.0
COST PER 1,000 GALLONS	\$5.1689	\$5.0308	\$5.3137	\$5.1220
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.1285

Reviewed by:           DW            
 Approved by:           JP            
 Date Finalized:           6/20/24

**WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
Budget Comparison  
May 31, 2024**

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$521,593	\$500,285	\$532,700	(\$11,107)	-2.1%	\$2,474,171	\$2,397,182	\$2,547,000	(\$72,829)	-2.9%
Forfeited Discounts	7,561	5,504	7,200	361	5.0%	47,431	30,110	34,400	13,031	37.9%
Miscellaneous Service Revenue	3,508	3,025	3,100	408	13.1%	13,160	12,368	14,800	(1,640)	-11.1%
Other Water Revenue	50	50	50	0	0.0%	250	250	250	0	0.0%
Interest Income	43,785	44,949	44,600	(815)	-1.8%	190,514	166,650	223,300	(32,786)	-14.7%
Rental Income - Office Building	2,236	(1,205)	(1,300)	3,536	272.0%	(2,517)	(4,115)	(6,500)	3,983	61.3%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>578,733</b>	<b>552,609</b>	<b>586,350</b>	<b>(7,617)</b>	<b>-1.3%</b>	<b>2,723,010</b>	<b>2,602,444</b>	<b>2,813,250</b>	<b>(90,240)</b>	<b>-3.2%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	35,404	31,487	36,600	(1,196)	-3.3%	157,097	138,111	173,500	(16,403)	-9.5%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	6,250	6,250	6,250	0	0.0%
Fringe Benefits	19,961	17,153	20,500	(539)	-2.6%	88,477	75,240	97,500	(9,023)	-9.3%
Sewage Disposal	290,789	288,445	308,000	(17,211)	-5.6%	1,453,709	1,401,318	1,490,500	(36,791)	-2.5%
Purchased Power	13,908	13,079	14,800	(892)	-6.0%	69,144	67,330	71,600	(2,456)	-3.4%
Chemicals	2,042	2,042	3,300	(1,258)	-38.1%	10,478	16,402	16,000	(5,522)	-34.5%
Materials & Supplies	2,396	14,280	4,890	(2,494)	-51.0%	22,317	22,976	24,150	(1,833)	-7.6%
Contractual Servs - Engineering	0	0	3,500	(3,500)	-100.0%	0	0	10,500	(10,500)	-100.0%
Contractual Servs - Accounting	1,992	1,206	1,940	52	2.7%	7,752	5,561	9,700	(1,948)	-20.1%
Contractual Servs - Legal	58	77	1,200	(1,142)	-95.2%	346	649	6,000	(5,654)	-94.2%
Contractual Servs - Other	16,548	14,533	20,075	(3,527)	-17.6%	81,111	77,146	99,520	(18,409)	-18.5%
Rental of Building & Utilities	0	0	400	(400)	-100.0%	0	0	800	(800)	-100.0%
Equipment Expense	3,753	4,256	4,600	(848)	-18.4%	10,761	16,005	21,800	(11,040)	-50.6%
Insurance - General Liability	1,563	1,525	1,500	63	4.2%	7,103	5,939	7,500	(397)	-5.3%
Insurance - Other	212	212	210	2	1.0%	1,060	1,060	1,050	10	1.0%
Regulatory Expense	644	690	700	(56)	-8.0%	3,222	3,450	3,500	(278)	-8.0%
Bad Debt Expense	559	(108)	530	29	5.4%	976	257	2,650	(1,674)	-63.2%
Miscellaneous Expenses	773	830	1,500	(727)	-48.5%	4,922	4,606	7,500	(2,578)	-34.4%
<b>SUBTOTAL - Operating Expense:</b>	<b>391,853</b>	<b>390,957</b>	<b>425,495</b>	<b>(33,642)</b>	<b>-7.9%</b>	<b>1,924,723</b>	<b>1,842,299</b>	<b>2,050,020</b>	<b>(125,297)</b>	<b>-6.1%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	186,693	156,238	173,300	13,393	7.7%	892,177	781,392	861,800	30,377	3.5%
Misc Non-Operating Income	0	(2)	0	0	0.0%	0	(4)	0	0	0.0%
Misc Non-Operating Expense	2,683	(3,080)	0	2,683	100.0%	(20,011)	0	0	(20,011)	100.0%
Interest Expense	32,324	30,983	31,971	353	1.1%	159,916	157,415	159,857	59	0.0%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	737	629	700	37	5.3%	3,686	4,212	3,500	186	5.3%
<b>SUBTOTAL - Other Expenses</b>	<b>222,437</b>	<b>184,768</b>	<b>205,971</b>	<b>16,466</b>	<b>8.0%</b>	<b>1,035,768</b>	<b>943,016</b>	<b>1,025,157</b>	<b>10,610</b>	<b>1.0%</b>
<b>TOTAL Expenses</b>	<b>614,291</b>	<b>575,725</b>	<b>631,466</b>	<b>(17,176)</b>	<b>-2.7%</b>	<b>2,960,490</b>	<b>2,785,315</b>	<b>3,075,177</b>	<b>(114,687)</b>	<b>-3.7%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$35,557)</b>	<b>(\$23,117)</b>	<b>(\$45,116)</b>	<b>\$9,559</b>	<b>21.2%</b>	<b>(\$237,481)</b>	<b>(\$182,871)</b>	<b>(\$261,927)</b>	<b>\$24,446</b>	<b>9.3%</b>

**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**  
Balance Sheet  
June 30, 2024

	<u>Activity</u>	<u>Balance</u>
ASSETS AND OTHER DEBITS		
UTILITY PLANT:		
Utility Plant in Service	948,474	93,480,873
Construction Work in Progress	72,432	2,198,768
Less Accumulated Depreciation	<u>(185,761)</u>	<u>(21,473,161)</u>
TOTAL UTILITY PLANT	<u>835,145</u>	<u>74,206,480</u>
OTHER PROPERTY AND INVESTMENTS		
Depreciation Reserve	11,637	8,368,049
Sinking Funds:		
KIA Loan, Buchanon Park	58	2,022
KIA Loan, Plum Springs Rehabilitation	(52,450)	4,018
USDA, Series 2019	2,500	28,569
KRWFC Loan, Series 2021A	11,522	75,599
KRWFC Loan, Series 2021A	641	146,941
Total Sinking Funds	<u>(37,728)</u>	<u>257,150</u>
Debt Service Reserve	-	-
Special Funds:		
Construction Accounts	22,457	6,639,752
Letter of Credit (KEDFA)	319	294,354
Customer Deposits	-	440,122
Total Special Funds	<u>22,775</u>	<u>7,374,228</u>
TOTAL OTHER PROPERTY AND INVESTMENTS	<u>(3,316)</u>	<u>15,999,427</u>
CURRENT AND ACCRUED ASSETS:		
Cash - General Operations	(77,492)	1,075,028
Accounts Receivable - Customer	70,146	720,333
Accounts Receivable - Misc	(100,796)	545,385
Prepayments	21,067	29,685
Deferred Debits	37,828	23,242
Other Current Assets	34,789	106,020
TOTAL CURRENT AND ACCRUED ASSETS	<u>(14,458)</u>	<u>2,499,694</u>
TOTAL ASSETS AND OTHER DEBITS	<u>817,371</u>	<u>92,705,600</u>

**WARREN COUNTY WATER DISTRICT  
SEWER DIVISION**  
Balance Sheet  
June 30, 2024

	Activity	Balance
<b>LIABILITIES AND OTHER CREDITS</b>		
<b>CAPITAL:</b>		
Contributions in Aid of Construction	1,042,642	72,322,506
Customer Advance for Construction	(131,400)	1,693,810
<b>TOTAL CAPITAL</b>	<b>911,242</b>	<b>74,016,316</b>
<b>LONG TERM DEBT:</b>		
Bonds Held by Public:		
USDA (RD), Series 2019	-	615,000
Long Term Loans:		
KIA Loan, Buchanan Park	(3,481)	432,009
KIA Loan, Plum Springs Rehabilitation	(43,428)	1,704,886
KRWFC Loan, Series 2013B	-	31,029
KRWFC Loan, Series 2021A	-	965,000
KRWFC Loan, Series 2022D	-	7,754,620
Total Long Term Loans	(46,909)	10,887,543
<b>TOTAL LONG TERM DEBT</b>	<b>(46,909)</b>	<b>11,502,543</b>
<b>CURRENT AND ACCRUED LIABILITIES:</b>		
Accounts Payable - General	5,616	653,269
Customer Deposits	1,600	432,137
Interest - Customer Deposits	(2,194)	-
Taxes and Equivalent	29	14,804
Deferred Credits	(921)	62,467
Total Current Liabilities	4,130	1,162,677
Interest Accrued - Long Term Debt:		
KIA Loan, Buchanan Park	-	1,132
KRWFC Loan, Series 2013B	81	405
KIA Loan, Plum Springs Rehabilitation	(14,627)	2,683
USDA, Series 2019	1,257	7,106
KRWFC Loan, Series 2021A	2,527	12,629
KRWFC Loan, Series 2022D	24,310	120,144
KRWFC Loan, Series 2022D (Arbitrage)	-	151,305
Total Interest Accrued - Long Term Debt	13,548	295,403
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b>17,678</b>	<b>1,458,080</b>
<b>ACCUMULATED EARNINGS:</b>		
Beginning of Year		6,030,781
Current Year to Date	(64,639)	(302,120)
<b>TOTAL ACCUMULATED EARNINGS</b>	<b>(64,639)</b>	<b>5,728,661</b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b>817,371</b>	<b>92,705,600</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
June 30, 2024

	MONTH				YEAR TO DATE			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE:</b>								
Metered Revenue	<b>\$521,338</b>	\$557,729	(\$36,391)	-6.5%	<b>\$2,995,509</b>	\$2,954,911	\$40,599	1.4%
Forfeited Discounts	<b>6,251</b>	9,652	(3,400)	-35.2%	<b>53,682</b>	39,762	13,920	35.0%
Miscellaneous Service Revenue	<b>3,358</b>	3,825	(468)	-12.2%	<b>16,518</b>	16,193	325	2.0%
Other Water Revenue	<b>50</b>	50	(0)	-0.1%	<b>300</b>	300	(0)	0.0%
Interest Income	<b>52,441</b>	44,545	7,896	17.7%	<b>242,954</b>	211,195	31,760	15.0%
Rental Income	<b>78</b>	(1,611)	1,689	104.9%	<b>(2,438)</b>	(5,726)	3,288	57.4%
Disposition Gain \ (Losses)	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>583,516</b>	614,190	(30,674)	-5.0%	<b>3,306,525</b>	3,216,634	89,891	2.8%
<b>OPERATING EXPENSES:</b>								
Salaries and Wages	<b>32,441</b>	27,453	4,988	18.2%	<b>189,538</b>	165,564	23,975	14.5%
Commissioner Fees	<b>1,250</b>	1,250	0	0.0%	<b>7,500</b>	7,500	0	0.0%
Employee Overhead	<b>18,291</b>	14,955	3,335	22.3%	<b>106,768</b>	90,195	16,572	18.4%
Sewage Disposal	<b>329,424</b>	292,045	37,378	12.8%	<b>1,783,132</b>	1,693,363	89,769	5.3%
Purchased Power	<b>15,099</b>	13,102	1,997	15.2%	<b>84,243</b>	80,432	3,811	4.7%
Chemicals	<b>3,672</b>	2,042	1,630	79.8%	<b>14,150</b>	18,444	(4,294)	-23.3%
Materials & Supplies	<b>1,258</b>	3,056	(1,798)	-58.8%	<b>23,574</b>	26,032	(2,457)	-9.4%
Contractual Servs - Engineering	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
Contractual Servs - Accounting	<b>1,892</b>	1,206	687	57.0%	<b>9,644</b>	6,767	2,877	42.5%
Contractual Servs - Legal	<b>57</b>	452	(395)	-87.3%	<b>403</b>	1,101	(697)	-63.4%
Contractual Servs - Other	<b>22,377</b>	16,113	6,264	38.9%	<b>103,488</b>	93,259	10,228	11.0%
Rental of Building & Utilities	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
Equipment Expense	<b>1,990</b>	4,079	(2,089)	-51.2%	<b>12,751</b>	20,084	(7,333)	-36.5%
Insurance - General Liability	<b>1,563</b>	1,525	38	2.5%	<b>8,666</b>	7,464	1,202	16.1%
Insurance - Other	<b>212</b>	212	0	0.0%	<b>1,273</b>	1,273	0	0.0%
Regulatory Expense	<b>644</b>	690	(46)	-6.6%	<b>3,866</b>	4,140	(274)	-6.6%
Bad Debt Expense	<b>47</b>	285	(238)	-83.6%	<b>1,023</b>	542	481	88.7%
Miscellaneous Expenses	<b>2,521</b>	4,311	(1,790)	-41.5%	<b>7,442</b>	8,916	(1,474)	-16.5%
<b>SUBTOTAL - Operating Expenses</b>	<b>432,738</b>	382,776	49,962	13.1%	<b>2,357,460</b>	2,225,075	132,386	5.9%
<b>OTHER EXPENSES:</b>								
Depreciation	<b>185,761</b>	156,247	29,514	18.9%	<b>1,077,938</b>	937,639	140,299	15.0%
Misc Non-Operating Income	<b>0</b>	0	0	0.0%	<b>0</b>	(4)	4	-100.0%
Unrealized (Gain) \ Loss	<b>(3,359)</b>	0	(3,359)	100.0%	<b>(23,370)</b>	0	(23,370)	100.0%
Interest Expense	<b>32,278</b>	30,950	1,328	4.3%	<b>192,194</b>	188,365	3,828	2.0%
Debt Expense	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
OPEB Expense	<b>737</b>	629	108	17.1%	<b>4,423</b>	4,842	(419)	-8.6%
<b>Subtotal - Other Expenses</b>	<b>215,417</b>	187,827	27,590	14.7%	<b>1,251,184</b>	1,130,843	120,342	10.6%
<b>TOTAL Expenses</b>	<b>648,155</b>	570,602	77,552	13.6%	<b>3,608,645</b>	3,355,918	252,727	7.5%
<b>NET INCOME \ (LOSS)</b>	<b>(\$64,639)</b>	\$43,587	(\$108,226)	-248.3%	<b>(\$302,120)</b>	(\$139,284)	(\$162,836)	-116.9%

Reviewed by: RLApproved by: JPDate Finalized: 7/18/24

**WARREN COUNTY WATER DISTRICT - SEWER DIVISION**  
Statistical Report  
June 2024

	MONTH		YEAR TO DATE	
	June 2024	June 2023	June 2024	June 2023
<b>TOTAL GALLONS DISPOSED</b>	<b>105,301,000</b>	<b>93,350,000</b>	<b>569,964,000</b>	<b>541,270,000</b>
GALLONS SOLD:				
Residential	37,732,468	43,628,972	208,229,505	208,413,534
Commercial	80,158,876	85,736,345	466,804,741	464,748,940
<b>TOTAL Sold</b>	<b>117,891,344</b>	<b>129,365,317</b>	<b>675,034,246</b>	<b>673,162,474</b>
ADJUSTMENT FOR DISTRICT'S USE	-	-	-	-
GALLONS NOT DISPOSED	12,590,344	36,015,317	105,070,246	131,892,474
<b>PERCENTAGE DISPOSED</b>	<b>89.3%</b>	<b>72.2%</b>	<b>84.4%</b>	<b>80.4%</b>
<b>PRECIPITATION</b>	<b>9.80</b>	<b>5.50</b>	<b>28.20</b>	<b>24.70</b>
<b>NEW SEWER APPLICATIONS</b>	<b>43</b>	<b>32</b>	<b>298</b>	<b>267</b>
CUSTOMERS BILLED:				
Residential	9,628	9,035	57,176	53,596
Commercial	913	872	5,381	5,029
TOTAL Billed	10,541	9,907	62,557	58,625
AVG GALLONS PER CUSTOMER:				
Residential	3,919	4,829	3,642	3,889
Commercial	87,797	98,321	86,751	92,414
AVERAGE REVENUE PER CUSTOMER:				
Residential	\$23.54	\$27.12	\$22.34	\$23.21
Commercial	\$322.74	\$358.59	\$319.26	\$340.18
MILES OF COLLECTION MAIN ADDED	-	-	226.630	219.570
AVERAGE NUMBER OF CUSTOMERS PER MILE OF COLLECTION MAIN	46.5	45.1	46.5	45.1
COST PER 1,000 GALLONS	\$5.4733	\$4.4108	\$5.3416	\$4.9853
COST PER 1,000 GALLONS DISPOSED	\$3.1285	\$3.1285	\$3.1285	\$3.1285

Reviewed by:         DW          
Approved by:         JP          
Date Finalized:         7/18/24

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Budget Comparison**  
June 30, 2024

	MONTH					YEAR TO DATE				
	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance	Current Year	Prior Year	Current Budget	Budget Variance	Budget % Variance
<b>OPERATING REVENUE:</b>										
Metered Revenue	\$521,338	\$557,729	\$590,100	(\$68,762)	-11.7%	\$2,995,509	\$2,954,911	\$3,137,100	(\$141,591)	-4.5%
Forfeited Discounts	6,251	9,652	8,000	(1,749)	-21.9%	53,682	39,762	42,400	11,282	26.6%
Miscellaneous Service Revenue	3,358	3,825	3,400	(43)	-1.3%	16,518	16,193	18,200	(1,683)	-9.2%
Other Water Revenue	50	50	50	(0)	0.0%	300	300	300	(0)	0.0%
Interest Income	52,441	44,545	33,500	18,941	56.5%	242,954	211,195	256,800	(13,846)	-5.4%
Rental Income - Office Building	78	(1,611)	(1,300)	1,378	106.0%	(2,438)	(5,726)	(7,800)	5,362	68.7%
Disposition Gains \ (Losses)	0	0	0	0	0.0%	0	0	0	0	0.0%
<b>TOTAL Operating Revenue</b>	<b>583,516</b>	<b>614,190</b>	<b>633,750</b>	<b>(50,234)</b>	<b>-7.9%</b>	<b>3,306,525</b>	<b>3,216,634</b>	<b>3,447,000</b>	<b>(140,475)</b>	<b>-4.1%</b>
<b>OPERATING EXPENSES:</b>										
Salaries and Wages	32,441	27,453	33,400	(959)	-2.9%	189,538	165,564	206,900	(17,362)	-8.4%
Commissioner Fees	1,250	1,250	1,250	0	0.0%	7,500	7,500	7,500	0	0.0%
Fringe Benefits	18,291	14,955	18,900	(609)	-3.2%	106,768	90,195	116,400	(9,632)	-8.3%
Sewage Disposal	329,424	292,045	311,600	17,824	5.7%	1,783,132	1,693,363	1,802,100	(18,968)	-1.1%
Purchased Power	15,099	13,102	15,000	99	0.7%	84,243	80,432	86,600	(2,357)	-2.7%
Chemicals	3,672	2,042	3,300	372	11.3%	14,150	18,444	19,300	(5,150)	-26.7%
Materials & Supplies	1,258	3,056	4,790	(3,532)	-73.7%	23,574	26,032	28,940	(5,366)	-18.5%
Contractual Servs - Engineering	0	0	3,500	(3,500)	-100.0%	0	0	14,000	(14,000)	-100.0%
Contractual Servs - Accounting	1,892	1,206	1,940	(48)	-2.5%	9,644	6,767	11,640	(1,996)	-17.2%
Contractual Servs - Legal	57	452	1,200	(1,143)	-95.2%	403	1,101	7,200	(6,797)	-94.4%
Contractual Servs - Other	22,377	16,113	20,170	2,207	10.9%	103,488	93,259	119,690	(16,202)	-13.5%
Rental of Building & Utilities	0	0	400	(400)	-100.0%	0	0	1,200	(1,200)	-100.0%
Equipment Expense	1,990	4,079	4,200	(2,210)	-52.6%	12,751	20,084	26,000	(13,250)	-51.0%
Insurance - General Liability	1,563	1,525	1,500	63	4.2%	8,666	7,464	9,000	(334)	-3.7%
Insurance - Other	212	212	210	2	1.0%	1,273	1,273	1,260	13	1.0%
Regulatory Expense	644	690	700	(56)	-8.0%	3,866	4,140	4,200	(334)	-8.0%
Bad Debt Expense	47	285	530	(483)	-91.2%	1,023	542	3,180	(2,157)	-67.8%
Miscellaneous Expenses	2,521	4,311	1,500	1,021	68.1%	7,442	8,916	9,000	(1,558)	-17.3%
<b>SUBTOTAL - Operating Expenses</b>	<b>432,738</b>	<b>382,776</b>	<b>424,090</b>	<b>8,648</b>	<b>2.0%</b>	<b>2,357,460</b>	<b>2,225,075</b>	<b>2,474,110</b>	<b>(116,650)</b>	<b>-4.7%</b>
<b>OTHER EXPENSES:</b>										
Depreciation	185,761	156,247	173,600	12,161	7.0%	1,077,938	937,639	1,035,400	42,538	4.1%
Misc Non-Operating Income	0	0	0	0	0.0%	0	(4)	0	0	0.0%
Misc Non-Operating Expense	(3,359)	0	0	(3,359)	100.0%	(23,370)	0	0	(23,370)	100.0%
Interest Expense	32,278	30,950	31,971	307	1.0%	192,194	188,365	191,829	365	0.2%
Debt Expense	0	0	0	0	0.0%	0	0	0	0	0.0%
OPEB Expense	737	629	700	37	5.3%	4,423	4,842	4,200	223	5.3%
<b>SUBTOTAL - Other Expenses</b>	<b>215,417</b>	<b>187,827</b>	<b>206,271</b>	<b>9,145</b>	<b>4.4%</b>	<b>1,251,184</b>	<b>1,130,843</b>	<b>1,231,429</b>	<b>19,756</b>	<b>1.6%</b>
<b>TOTAL Expenses</b>	<b>648,155</b>	<b>570,602</b>	<b>630,361</b>	<b>17,793</b>	<b>2.8%</b>	<b>3,608,645</b>	<b>3,355,918</b>	<b>3,705,539</b>	<b>(96,894)</b>	<b>-2.6%</b>
<b>NET INCOME \ (LOSS)</b>	<b>(\$64,639)</b>	<b>\$43,587</b>	<b>\$3,389</b>	<b>(\$68,028)</b>	<b>-2,007.6%</b>	<b>(\$302,120)</b>	<b>(\$139,284)</b>	<b>(\$258,539)</b>	<b>(\$43,581)</b>	<b>-16.9%</b>



# **EXHIBIT 17**

# **EXHIBIT 17A**

## JOINT OPERATIONS AGREEMENT

This **AGREEMENT**, made and entered into this 19<sup>th</sup> day of February 2019, by and between **BUTLER COUNTY WATER SYSTEM, INC.**, (Butler Water) a water association of Butler County, Kentucky duly created in accordance with the applicable provisions of Chapter 273 of the Kentucky Revised Statutes and **SIMPSON COUNTY WATER DISTRICT** (Simpson Water) a water district duly created by the County of Simpson in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes and **WARREN COUNTY WATER DISTRICT** (Warren Water) a water district duly created by the County of Warren in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes.

### WITNESSETH:

**WHEREAS**, Butler Water, Simpson Water and Warren Water (Water Systems) presently operate water systems (the "Systems") within the County of Butler, Simpson and Warren for the citizens, residents and commercial and industrial users within said counties for the purpose of providing potable water service;

**WHEREAS**, by all Water Systems continuing to work together in a joint effort focusing on water operations and service to its customers, a better quality of service can be provided in a more economical manner to the water customers in Butler, Simpson and Warren Counties, and;

**WHEREAS**, an existing Joint Operations Agreement (existing agreement) expires on February 16, 2019 and it is set forth in the existing agreement any party may terminate the existing agreement with 12 months notice, and;

**WHEREAS**, the Water Systems desire to continue to work together under this Joint Operations Agreement upon the expiration of the existing agreement for certain services regarding operation of each System,

**NOW, THEREFORE,** for and in consideration of the mutual covenants contained herein and the benefits to be derived by the parties hereto, the parties hereby agree as follows:

1. **Operating Policies, Rules, Regulations and Rates.** Each Board of the respective Water Systems shall establish its own policies, rules, regulations and rates and direct activities on an appropriate board level. The Water Systems shall be operated in accordance with respective policies, rules, regulations. All records will be kept separate for each Water System.
2. **Joint Utility Committee.** All Water Systems join together to create a “Joint Utility Committee” consisting of one member from each of the Water System’s Boards. The committee shall meet at least bi-annually to oversee the planning and operations of jointly shared services. For all jointly shared services, standards of performance shall be defined and methodology for cost allocations shall be reviewed and approved by the Joint Utility Committee in an effort to provide the customers of all Water Systems quality service at the least cost. Changes in costs and the manner of providing jointly shared services shall be implemented only after they are recommended by the Joint Utility Committee and approved by the Boards of all participating utilities. The Joint Utility Committee shall also at the request of any of the Water Systems review previously established methodology for shared costs, services, or standards of performance.
3. **Lead Water System.** Warren Water will provide the employees, equipment, and other services necessary to carry out general system operations and the day to day business of each Water System in conformance with respective policies, rules and regulations. The employees working in Butler and Simpson Counties

on a regular basis will clearly be identified as representing the respective Water System for which they regularly work. Other jointly shared employees will be identified as Butler, Simpson and Warren County Water System employees or other identification as agreed to by the Water Systems.

4. **Water Systems General Manager.** The General Manager for each of the Water Systems is designated as John Dix. The General Manager will be evaluated on a regular basis by each Water System and the evaluation reported to The Joint Utility Committee. When a change in management becomes necessary, the Joint Utility Committee will have the option to participate in the process and approve the selection of the Manager of Butler Water and Simpson Water.
  - A. The General Manager shall be responsible for managing, planning, coordinating and administering all activities.
  - B. The General Manager shall be responsible for short and long-range strategies of the organizations subject to review and approval by each Water System Board.
  
5. **Services Provided.** Warren Water System shall provide:
  - A. A totally integrated information system for use by each of the Water Systems which will provide all functions necessary for efficient operation and business activities.
  - B. Coordination and supervision of construction, operations, and maintenance of the water system.
  - C. Engineering, supervision of contractors and construction inspection services for major projects and extension agreements. Engineering services shall also be provided for routine customer inquiries.

- D. Maintenance of proper operating and accounting records including a monthly report in a format to be approved by each Water System. Such reports outlining operations for the preceding month shall be submitted to each Water System. All accounting and operating records and plant accounts will be kept in accordance with requirements of the governmental agencies financing each Water System in addition to those required by the Kentucky Public Service Commission.
  - E. Coordination, supervision and maintenance of all necessary and proper services required for billing and collection of monthly water bills.
  - F. Customer service as required.
  - G. Read-in and read-out of water customers that change locations.
  - H. Monthly reading of meters and required data for billing and customer records.
  - I. Certain heavy equipment and material inventory necessary to maintain the Systems.
  - J. Processing of applications for new water services.
  - K. Installation of new water services.
  - L. Other duties as may be considered necessary to provide complete operations for each Water System.
6. **Compensation.** Each Water System shall pay the actual cost on a monthly basis of labor, equipment, material and other expenses for services provided by any other Water System.
7. **Term of Agreement.** This agreement shall be for a term of five (5) years from the expiration of the existing agreement on February 16, 2019 and shall expire on

February 16, 2024. Each Water System may terminate the agreement prior to the expiration date with 12 months notice to the other Water Systems.

8. **Insurance.** Each Water System shall maintain in full force and effect insurance coverage in amounts determined to be necessary for each Water System's own protection and the protection of the other parties to this agreement. Insurance shall be carried specifically for Workman's Compensation (if applicable), Public Liability and Automobile Liability. Each Water System shall be named as an additional insured on the other Water System's policies. Each Water System shall be held harmless from the other Water Systems for any damage or liability caused by an employee or contractor of the other Water Systems, or on account of any other liability or claim arising out of, or connected with, the within referred to relationship between the Water Systems.
9. **Audit.** Each Water System shall have an audit performed each year by a Certified Public Accountant in accordance with the federal standards required by the Water System's lending agency.
10. **Effective Date.** This Agreement is effective upon authorization and execution of the agreement by all Water Systems and expiration of the existing agreement on February 16, 2019.
11. **Third Party Rights.** It is the intention of the parties that nothing in this Agreement shall be deemed to create any right with respect to any person or entity not a party to this Agreement.
12. **Parties in Interest; Assignment.** All covenants and agreements contained in this Agreement by or on behalf of any of the parties to this Agreement shall bind and inure to the benefit of their respective successors. Neither party may assign

their rights or delegate their obligations under this Agreement to any other person or entity without the written consent of the other party.

13. **Construction; Governing Law.** The section headings contained in this Agreement are inserted as a matter of convenience and shall not affect in any way the construction of the terms of this Agreement. The Agreement shall be governed by and interpreted in accordance with the laws of the Commonwealth of Kentucky.

14. **Counterparts.** This Agreement may be executed in one or more counterparts, any one of which need not contain the signatures of more than one party but all of which taken together shall constitute one and the same Agreement.

**IN TESTIMONY WHEREOF**, the parties have executed this Agreement on the day and year first above written.

BUTLER COUNTY WATER SYSTEM, INC.

BY: Gary Robbin

TITLE: Secretary

SIMPSON COUNTY WATER DISTRICT

BY: Ray Mann

TITLE: Chairman

WARREN COUNTY WATER DISTRICT

BY: Glen Johnson

TITLE: Chairman



# **EXHIBIT 17B**

## JOINT OPERATIONS AGREEMENT

This **AGREEMENT**, made and entered into this 11 day of January 2024, by and between **BUTLER COUNTY WATER SYSTEM, INC.**, (Butler Water) a water association of Butler County, Kentucky duly created in accordance with the applicable provisions of Chapter 273 of the Kentucky Revised Statutes and **SIMPSON COUNTY WATER DISTRICT** (Simpson Water) a water district duly created by the County of Simpson in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes and **WARREN COUNTY WATER DISTRICT** (Warren Water) a water district duly created by the County of Warren in accordance with the applicable provisions of Chapter 74 of the Kentucky Revised Statutes.

WITNESSETH:

**WHEREAS**, Butler Water, Simpson Water and Warren Water (Water Systems) presently operate water systems (the "Systems") within the County of Butler, Simpson and Warren for the citizens, residents and commercial and industrial users within said counties for the purpose of providing potable water service;

**WHEREAS**, by all Water Systems continuing to work together in a joint effort focusing on water operations and service to its customers, a better quality of service can be provided in a more economical manner to the water customers in Butler, Simpson and Warren Counties, and;

**WHEREAS**, an existing Joint Operations Agreement (existing agreement) expires on February 14, 2024 and it is set forth in the existing agreement any party may terminate the existing agreement with 12 months notice, and;

**WHEREAS**, the Water Systems desire to continue to work together under this Joint Operations Agreement upon the expiration of the existing agreement for certain services regarding operation of each System,

**NOW, THEREFORE,** for and in consideration of the mutual covenants contained herein and the benefits to be derived by the parties hereto, the parties hereby agree as follows:

1. **Operating Policies, Rules, Regulations and Rates.** Each Board of the respective Water Systems shall establish its own policies, rules, regulations and rates and direct activities on an appropriate board level. The Water Systems shall be operated in accordance with respective policies, rules, regulations. All records will be kept separate for each Water System.
2. **Joint Utility Committee.** All Water Systems join together to create a "Joint Utility Committee" consisting of one member from each of the Water System's Boards. The committee shall meet at least bi-annually to oversee the planning and operations of jointly shared services. For all jointly shared services, standards of performance shall be defined and methodology for cost allocations shall be reviewed and approved by the Joint Utility Committee in an effort to provide the customers of all Water Systems quality service at the lowest cost. Changes in costs and the manner of providing jointly shared services shall be implemented only after they are recommended by the Joint Utility Committee and approved by the Boards of all participating utilities. The Joint Utility Committee shall also at the request of any of the Water Systems review previously established methodology for shared costs, services, or standards of performance.
3. **Lead Water System.** Warren Water will provide the employees, equipment, and other services necessary to carry out general system operations and the day-to-day business of each Water System in conformance with respective policies, rules and regulations. The employees working in Butler and Simpson Counties

on a regular basis will clearly be identified as representing the respective Water System for which they regularly work. Other jointly shared employees will be identified as Butler, Simpson and Warren County Water System employees or other identification as agreed to by the Water Systems.

4. **Water Systems General Manager.** The General Manager for each of the Water Systems is designated as Jacob Cuarta. The General Manager will be evaluated on a regular basis by each Water System and the evaluation reported to The Joint Utility Committee. When a change in management becomes necessary, the Joint Utility Committee will have the option to participate in the process and approve the selection of the Manager of Butler Water and Simpson Water.
  - A. The General Manager shall be responsible for managing, planning, coordinating, and administering all activities.
  - B. The General Manager shall be responsible for short and long-range strategies of the organizations subject to review and approval by each Water System Board.
  
5. **Services Provided.** Warren Water System shall provide:
  - A. A totally integrated information system for use by each of the Water Systems which will provide all functions necessary for efficient operation and business activities.
  - B. Coordination and supervision of construction, operations, and maintenance of the water system.
  - C. Engineering, supervision of contractors and construction inspection services for major projects and extension agreements. Engineering services shall also be provided for routine customer inquiries.

- D. Maintenance of proper operating and accounting records including a monthly report in a format to be approved by each Water System. Such reports outlining operations for the preceding month shall be submitted to each Water System. All accounting records, operating records, and plant accounts will be kept in accordance with the requirements of the governmental agencies financing each Water System in addition to those required by the Kentucky Public Service Commission.
  - E. Coordination, supervision, and maintenance of all necessary and proper services required for billing and collection of monthly water bills.
  - F. Customer service as required.
  - G. Read-in and read-out of water customers that change locations.
  - H. Monthly reading of meters and required data for billing and customer records.
  - I. Certain heavy equipment and material inventory necessary to maintain the Systems.
  - J. Processing of applications for new water services.
  - K. Installation of new water services.
  - L. Other duties may be considered necessary to provide complete operations for each Water System.
6. **Compensation.** Each Water System shall pay the actual cost on a monthly basis of labor, equipment, material and other expenses for services provided by any other Water System.
7. **Term of Agreement.** This agreement shall be for a term of five (5) years from the expiration of the existing agreement on February 14, 2024, and shall expire on

February 28, 2029. Each Water System may terminate the agreement prior to the expiration date with 12 months notice to the other Water Systems.

8. **Insurance.** Each Water System shall maintain in full force and effect insurance coverage in amounts determined to be necessary for each Water System's own protection and the protection of the other parties to this agreement. Insurance shall be carried specifically for Workman's Compensation (if applicable), Public Liability and Automobile Liability. Each Water System shall be named as an additional insured on the other Water System's policies. Each Water System shall be held harmless from the other Water Systems for any damage or liability caused by an employee or contractor of the other Water Systems, or on account of any other liability or claim arising out of, or connected with, the within referred to relationship between the Water Systems.
9. **Audit.** Each Water System shall have an audit performed each year by a Certified Public Accountant in accordance with the federal standards required by the Water System's lending agency.
10. **Effective Date.** This Agreement is effective upon authorization and execution of the agreement by all Water Systems and expiration of the existing agreement on February 14, 2024.
11. **Third Party Rights.** It is the intention of the parties that nothing in this Agreement shall be deemed to create any right with respect to any person or entity not a party to this Agreement.
12. **Parties in Interest; Assignment.** All covenants and agreements contained in this Agreement by or on behalf of any of the parties to this Agreement shall bind and inure to the benefit of their respective successors. Neither party may assign

their rights or delegate their obligations under this Agreement to any other person or entity without the written consent of the other party.

13. **Construction; Governing Law.** The section headings contained in this Agreement are inserted as a matter of convenience and shall not affect in any way the construction of the terms of this Agreement. The Agreement shall be governed by and interpreted in accordance with the laws of the Commonwealth of Kentucky.

14. **Counterparts.** This Agreement may be executed in one or more counterparts, any one of which need not contain the signatures of more than one party but all of which taken together shall constitute one and the same Agreement.

**IN TESTIMONY WHEREOF**, the parties have executed this Agreement on the day and year first above written.

BUTLER COUNTY WATER SYSTEM, INC.

BY: Wayne M. [Signature]  
TITLE: \_\_\_\_\_

SIMPSON COUNTY WATER DISTRICT

BY: Stephen B. [Signature]  
TITLE: \_\_\_\_\_

WARREN COUNTY WATER DISTRICT

BY: [Signature]  
TITLE: \_\_\_\_\_

# **EXHIBIT 17C**





COUNTY WATER DISTRICTS

# Memo

**To:** Jacob Cuarta  
**From:** Jeff Peeples  
**CC:** Rhonda L., Cheryl D., Derek W., Tina G., Marsha P., Ashley H.  
**Date:** January 24, 2023  
**Re:** Rates and Allocations – Year 2023

Based upon the end of year statistics, the following rates and allocations have been determined for Year 2023:

**1. Allocation of administration wages, and other shared expenses:**

<u>District</u>	<u>2023</u>	<u>2022</u>	<u>Diff</u>
Warren	64.1%	64.6%	-0.50%
Sewer	18.9%	18.0%	0.90%
Butler	9.9%	10.2%	-0.30%
Simpson	7.1%	7.2%	-0.10%
TOTAL	<u>100.0%</u>	<u>100.0%</u>	

**2. Distribution within each District of allocated administration wages:**

Management, Service Clerks, Operations Coordinators, and Accounting:

<u>Distributed to:</u>	<u>2023</u>	<u>2022</u>	<u>Diff</u>
Operations	60%	59%	1.0%
Capital	40%	41%	-1.0%
TOTAL	<u>100%</u>	<u>100%</u>	

General Manager:

<u>Distributed to:</u>	<u>2023</u>	<u>2022</u>	<u>Diff</u>
Operations	30%	30%	0%
Capital	70%	70%	0%
TOTAL	<u>100%</u>	<u>100%</u>	

(Continued: Memo – Rates & Allocations)

**3. Employee Overhead Rate:**

<u>Distributed to:</u>	Projected <u>2023</u>	Actual <u>2022</u>	<u>Diff</u>
Employee Costs	\$2,929,200	\$2,652,805	+\$276,395
Wage Base	4,706,763	4,106,220	+600,543
% Rate - Actual	62.2%	64.6%	-2.4%
<b>% Rate – Applied</b>	<b>62.2%</b>		

Note: Schedules providing detail for each of the above are attached.

## ALLOCATION OF ADMINISTRATIVE COSTS Year 2023

### SUMMARY OF TOTAL WATER DISTRICT CUSTOMERS SERVED AS OF: December 31, 2022

<u>Water District</u>	<u>Number Customers</u>	<u>Yr 2023 Percentage</u>	<u>Yr 2022 Percentage</u>	<u>Difference</u>
Warren	32,333	64.1%	64.6%	-0.50%
Sewer	9,528	18.9%	18.0%	0.90%
Butler	5,010	9.9%	10.2%	-0.30%
Simpson	3,596	7.1%	7.2%	-0.10%
<b>TOTAL</b>	<b>50,467</b>	<b>100.0%</b>	<b>100.0%</b>	

### ALLOCATION BY DISTRICT

<u>Names</u>	<u>Function</u>	<u>Dept Code</u>	<u>Butler County</u>	<u>Simpson County</u>	<u>Warren County</u>	<u>Sewer</u>
Cuarta	General Mgr	2H	9.9%	7.1%	64.1%	18.9%
Dix	Mgmt Advisor	2H	9.9%	7.1%	64.1%	18.9%
Peebles	Mgr - Finance	2H	9.9%	7.1%	64.1%	18.9%
Tillery	Mgr - Wtr Qlty / Oper	2H	9.9%	7.1%	64.1%	18.9%
Edmonds	Billing Admin	2H	9.9%	7.1%	64.1%	18.9%
Hale	Cust Serv Coord	2H	9.9%	7.1%	64.1%	18.9%
Phillippi	Oper Coord	2H	9.9%	7.1%	64.1%	18.9%
Johnson	Sys/Database Admn	2H	9.9%	7.1%	64.1%	18.9%
Davidson	IT Technician	2H	9.9%	7.1%	64.1%	18.9%
Harmon	Mgr - HR \ Comm Rel	2H	9.9%	7.1%	64.1%	18.9%
Anderson	Admin Asst	2H	9.9%	7.1%	64.1%	18.9%
Lawrence	Acctg Supv - Cust Accts	2J	9.9%	7.1%	64.1%	18.9%
Daugherty	Acctg Supv - Reports	2J	9.9%	7.1%	64.1%	18.9%
Watt	Accountant	2J	9.9%	7.1%	64.1%	18.9%
Gentry	Accounting Clerk	2J	9.9%	7.1%	64.1%	18.9%
Haley	Accounting Clerk	2J	9.9%	7.1%	64.1%	18.9%
Goodall	Operations Clerk	2I	-	-	60.0%	40.0%
Green	Applications Clerk	2I	-	-	60.0%	40.0%
Willis	CSR	2I	-	-	60.0%	40.0%
Meredith	CSR	2I	-	-	60.0%	40.0%
Thornton	CSR	2I	-	-	60.0%	40.0%
Belcher	CSR	2I	-	-	60.0%	40.0%
Solomon	CSR	5F	-	100.0%	-	-
Phelps	CSR	8F	100.0%	-	-	-
Morris	CSR	8F	100.0%	-	-	-

**WARREN \ SEWER \ SIMPSON \ BUTLER**  
Expense and Capital Distribution of Allocated Administrative Wages  
Year 2023

**SUMMARY OF TIME CARD WAGES**  
Based Upon Year 2022

<u>District</u>	<u>Expensed</u>	<u>Capitalized &amp; Other</u>	<u>Total</u>
Warren County Water District	\$ 1,030,501	\$ 737,531	\$ 1,768,032
Sewer Division	114,011	184,969	298,980
Simpson County Water District	148,282	80,155	228,437
Butler County Water System	<u>308,239</u>	<u>44,840</u>	<u>353,079</u>
TOTALS	\$ 1,601,034	\$ 1,047,494	\$ 2,648,528
<b>% Breakdown - Applied Current Year</b>	<b>60.0%</b>	<b>40.0%</b>	<b>100.0%</b>
% Breakdown - Applied Prior Year	59.0%	41.0%	100.0%

\* *NOTE: Timecard wages include wages paid to construction, repair, service, leak detection, meter reading, meter testing, collections, and engineering. Administrative employees provide a support role to these hourly personnel and the same timecard expense and capital breakdown is applied to administrative wages in the upcoming year.*

\*\* *NOTE: Other wages include wages to repair damages to our system by contractors, customers, etc. in which the district performs the repairs and charges the appropriate party for reimbursement of costs.*

**SUMMARY OF CURRENT COST ALLOCATIONS**

When the same employees are utilized to work with all three water districts, costs are allocated to each water district based on the percent of customers for each district. These employees include management, billing and collections, supervisors, customer service and operations coordinator, and accounting personnel. These employees usually work with all three water districts simultaneously.

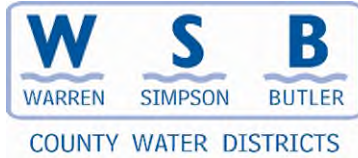
Operations, maintenance, construction, and engineering personnel's time is recorded directly to the job in each water district that they worked.

The general manager's time that is allocated to each water district is divided at 30% to operations expense and 70% to capital projects. The management, supervisors, information systems, accounting, office, operations, and customer service personnel time will be allocated at 60% to operations expense and 40% to capital projects.

**WARREN COUNTY WATER DISTRICT**  
Employee Overhead Rate  
Year 2023

<u>No.</u>	<u>Employee Costs</u>	<u>Year 2023</u> <u>Projected</u> <u>Costs</u>	<u>Prior Year</u> <u>Annual</u> <u>Costs</u>	<u>\$</u> <u>Difference</u>	<u>%</u> <u>Difference</u>
1	Payroll Taxes	\$ 391,000	\$ 368,519	\$ 22,481	6.1%
2	Birthday Holiday	19,000	15,291	3,709	24.3%
3	United Way Day Holiday	25,000	16,467	8,533	51.8%
4	Sick Leave	100,000	157,579	(57,579)	-36.5%
5	401(a) Contribution	305,000	238,206	66,794	28.0%
6	Insurance - Medical \ Drugs	526,500	476,454	50,046	10.5%
7	Insurance - Dental	35,000	32,091	2,909	9.1%
8	Insurance - LT. Disability	10,000	9,468	532	5.6%
9	Insurance - Life	20,500	20,227	273	1.3%
10	Pension	673,700	594,179	79,521	13.4%
11	Annual Leave Accrual	329,000	298,555	30,445	10.2%
12	Wellness Awards	7,500	11,777	(4,277)	-36.3%
13	Workman's Compensation	27,000	25,984	1,016	3.9%
14	Holiday Pay	204,000	163,798	40,202	24.5%
15	5% Annual Adjustment	256,000	224,210	31,790	14.2%
	<b>Total Employee Overhead Costs</b>	<b>2,929,200</b>	<b>2,652,805</b>	<b>276,395</b>	<b>10.4%</b>
	<b>Wage Base</b>	<b>\$ 4,706,763</b>	<b>\$ 4,106,220</b>	<b>600,543</b>	<b>14.6%</b>
	<b>Budgeted Employee Overhead Rate</b>	<b>62.2%</b>	<b>64.6%</b>	<b>-2.4%</b>	
	<b>Employee Overhead Rate - Applied</b>	<b>62.2%</b>			

# **EXHIBIT 17D**



# Memo

**To:** Jacob Cuarta  
**From:** Jeff Peeples  
**CC:** Rhonda L., Cheryl D., Ashley H., Derek W., Tina G., Marsha P.  
**Date:** January 11, 2024  
**Re:** Rates and Allocations – Year 2024

Based upon the end of year statistics, the following rates and allocations have been determined for Year 2024:

**1. Allocation of administration wages, and other shared expenses:**

<u>District</u>	<u>2024</u>	<u>2023</u>	<u>Diff</u>
Warren	64.1%	64.1%	0.00%
Sewer	19.4%	18.9%	0.50%
Butler	9.6%	9.9%	-0.30%
Simpson	<u>6.9%</u>	<u>7.1%</u>	-0.20%
TOTAL	<u>100.0%</u>	<u>100.0%</u>	

**2. Distribution within each District of allocated administration wages:**

Management, Operation Coordinators, Information Technology, and Accounting:

<u>Distributed to:</u>	<u>2024</u>	<u>2023</u>	<u>Diff</u>
Operations	58%	60%	-2.0%
Capital	<u>42%</u>	<u>40%</u>	2.0%
TOTAL	<u>100%</u>	<u>100%</u>	

General Manager:

<u>Distributed to:</u>	<u>2024</u>	<u>2023</u>	<u>Diff</u>
Operations	30%	30%	0%
Capital	<u>70%</u>	<u>70%</u>	0%
TOTAL	<u>100%</u>	<u>100%</u>	

(Continued: Memo – Rates & Allocations)

**3. Employee Overhead Rate:**

<u>Distributed to:</u>	Projected <u>2024</u>	Actual <u>2023</u>	<u>Diff</u>
Employee Costs	\$3,343,710	\$2,968,558	+\$375,152
Wage Base	5,207,953	4,591,468	+616,485
% Rate - Actual	64.2%	64.7%	-0.5%
<b>% Rate – Applied</b>	<b>64.2%</b>		

Note: Schedules providing detail for each of the above are attached.



## ALLOCATION OF ADMINISTRATIVE COSTS Year 2024

### SUMMARY OF TOTAL WATER DISTRICT CUSTOMERS SERVED AS OF: December 31, 2023

<u>Water District</u>	<u>Number Customers</u>	<u>Yr 2024 Percentage</u>	<u>Yr 2023 Percentage</u>	<u>Difference</u>
Warren	33,873	<b>64.1%</b>	64.1%	0.00%
Sewer	10,241	<b>19.4%</b>	18.9%	0.50%
Butler	5,044	<b>9.6%</b>	9.9%	-0.30%
Simpson	<u>3,620</u>	<b>6.9%</b>	<u>7.1%</u>	-0.20%
TOTAL	<u>52,778</u>	<b>100.0%</b>	<u>100.0%</u>	

### ALLOCATION BY DISTRICT

<u>Names</u>	<u>Function</u>	<u>Group Code</u>	<u>Group Description</u>	<u>Warren County</u>	<u>Warren Sewer</u>	<u>Butler County</u>	<u>Simpson County</u>
Cuarta	General Manager	2G	General Mgr	64.1%	19.4%	9.6%	6.9%
Peeples	Manager of Finance & Admn	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Tillery	Manager of Operations	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Harmon	Manager of HR & Communication	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Edmonds	Billing Administrator	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Phillippi	Operations Coordinator	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Johnson	Systems & Database Admin	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Davidson	IT Support Technician	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
*Vacant*	IT Support Helpdesk	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Jessup	CMSS Administrator	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
*Vacant*	CMSS Coordinator	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Freeman	Executive Administrator	2H	Admin #1	64.1%	19.4%	9.6%	6.9%
Lawrence	Accounting Supvr - Customer Accts	2J	Accounting	64.1%	19.4%	9.6%	6.9%
Daugherty	Accounting Supvr - Reporting	2J	Accounting	64.1%	19.4%	9.6%	6.9%
Watt	Accountant	2J	Accounting	64.1%	19.4%	9.6%	6.9%
*Vacant*	Accountant	2J	Accounting	64.1%	19.4%	9.6%	6.9%
Gentry	Accounting Clerk	2J	Accounting	64.1%	19.4%	9.6%	6.9%
Haley	Accounting Clerk	2J	Accounting	64.1%	19.4%	9.6%	6.9%
Hale	Customer Service Supervisor	2K	Admin #2	64.1%	19.4%	9.6%	6.9%
*Vacant*	Safety Specialist	2K	Admin #2	64.1%	19.4%	9.6%	6.9%
Goodall	Operations Clerk	2I	Front Office - WC	60.0%	40.0%	-	-
Owens	Applications Clerk	2I	Front Office - WC	60.0%	40.0%	-	-
Willis	CSR - Warren Co.	2I	Front Office - WC	60.0%	40.0%	-	-
Meredith	CSR - Warren Co.	2I	Front Office - WC	60.0%	40.0%	-	-
Thornton	CSR - Warren Co.	2I	Front Office - WC	60.0%	40.0%	-	-
Belcher	CSR - Warren Co.	2I	Front Office - WC	60.0%	40.0%	-	-
Phelps	Butler County Office Coordinator	8F	Front Office - BC	-	-	100.0%	-
Morris	CSR - Butler Co.	8F	Front Office - BC	-	-	100.0%	-
Solomon	CSR - Simpson Co.	5F	Front Office - SC	-	-	-	100.0%

Warren / Butler / Simpson  
District Allocations  
Year 2024

**ALLOCATIONS:**

**(1) All Districts:**

	<u>Allocate %</u>	<u># of Customers</u>
Warren	64.1%	33,873
Sewer	19.4%	10,241
Butler	9.6%	5,044
Simpson	<u>6.9%</u>	<u>3,620</u>
	100.0%	52,778

**(2) Warren, Simpson, Butler:**

	<u>Allocate %</u>	<u># of Customers</u>
Warren	79.6%	33,873
Butler	11.9%	5,044
Simpson	<u>8.5%</u>	<u>3,620</u>
	100.0%	42,537

**(3) Warren Co. & Sewer Division:**

	<u>Allocate %</u>	<u># of Customers</u>
Warren	76.8%	33,873
Sewer	<u>23.2%</u>	<u>10,241</u>
	100.0%	44,114

**(4) Warren & Simpson:**

	<u>Allocate %</u>	<u># of Customers</u>
Warren	90.3%	33,873
Simpson	<u>9.7%</u>	<u>3,620</u>
	100.0%	37,493

**(5) Warren & Butler:**

	<u>Allocate %</u>	<u># of Customers</u>
Warren	87.0%	33,873
Butler	<u>13.0%</u>	<u>5,044</u>
	100.0%	38,917

**(6) Simpson & Butler:**

	<u>Allocate %</u>	<u># of Customers</u>
Simpson	41.8%	3,620
Butler	<u>58.2%</u>	<u>5,044</u>
	100.0%	8,664

**(7) Warren, Sewer, Simpson:**

	<u>Allocate %</u>	<u># of Customers</u>
Warren	71.0%	33,873
Sewer	21.5%	10,241
Simpson	<u>7.5%</u>	<u>3,620</u>
	100.0%	47,734

**(8) Warren, Sewer, Butler:**

	<u>Allocate %</u>	<u># of Customers</u>
Warren	68.9%	33,873
Sewer	20.8%	10,241
Butler	<u>10.3%</u>	<u>5,044</u>
	100.0%	49,158

**WARREN \ SEWER \ SIMPSON \ BUTLER**  
Expense and Capital Distribution of Allocated Administrative Wages  
Year 2024

**SUMMARY OF TIME CARD WAGES**  
Based Upon Year 2023

<u>District</u>	<u>Expensed</u>	<u>Capitalized</u>	<u>Total</u>
Warren County Water District	\$ 1,222,103	\$ 1,029,756	\$ 2,251,859
Sewer Division	115,749	163,510	279,259
Simpson County Water District	140,268	65,275	205,543
Butler County Water System	<u>316,413</u>	<u>44,604</u>	<u>361,017</u>
<b>TOTALS</b>	<b>\$ 1,794,533</b>	<b>\$ 1,303,145</b>	<b>\$ 3,097,678</b>
<b>% Breakdown for Year 2024</b>	<b>58.0%</b>	<b>42.0%</b>	<b>100.0%</b>
% Breakdown used for Year 2023	60.0%	40.0%	100.0%

**Application of Expense & Capital Allocation:**

- 1- *Admin #1 and Accounting Wages:* These wages include managers, operations coordinators, information systems, and accounting that support direct hourly personnel. The 58% expense and 42% capital allocation of these wages is based upon the prior year timecard expense and capital breakdown (reference above table: Summary of Time Card Wages).
- 2- *General Manager* wages are based upon an allocation of 30% expense and 70% capital reflecting an allocation weighted towards current and future capital projects, system improvements, residential development, and industrial development.
- 3- *Admin #2 Wages:* These wages include the customer service supervisor and safety specialist who support all utilities and wages that are 100% expensed.
- 4- *Front Office Wages:* These wages include the customer service representatives who work at utility branch office locations and wages are 100% expensed.

GROUP CODE	GROUP DESCRIPTION	DISTRICT ALLOCATION	ALLOCATION IN DISTRICT	
			Expense	Capital
2G	General Manager	All	<b>30%</b>	<b>70%</b>
2H	Admin #1	All	<b>58%</b>	<b>42%</b>
2J	Accounting	All	<b>58%</b>	<b>42%</b>
2K	Admin #2	All	<b>100%</b>	
2I	Front Office - WC	Warren	<b>100%</b>	
5F	Front Office - SC	Simpson	<b>100%</b>	
8F	Front Office - BC	Butler	<b>100%</b>	

## WARREN COUNTY WATER DISTRICT

### Employee Overhead Rate

Year 2024

<u>No.</u>	<u>Employee Costs</u>	<u>Year 2024</u> <u>Projected</u> <u>Costs</u>	<u>Prior Year</u> <u>Annual</u> <u>Costs</u>	<u>\$</u> <u>Difference</u>	<u>%</u> <u>Difference</u>
1	Payroll Taxes	\$ 435,000	\$ 412,982	\$ 22,018	5.3%
2	Birthday Holiday	21,000	16,822	4,178	24.8%
3	United Way Day Holiday	38,000	34,202	3,798	11.1%
4	Sick Leave	137,000	139,912	(2,912)	-2.1%
5	401(a) Contribution	330,000	294,535	35,465	12.0%
6	Insurance - Medical \ Drugs	665,000	505,898	159,102	31.4%
7	Insurance - Dental	44,000	32,553	11,447	35.2%
8	Insurance - LT. Disability	17,000	10,375	6,625	63.9%
9	Insurance - Life	24,000	22,821	1,179	5.2%
10	Pension	727,710	664,963	62,747	9.4%
11	Annual Leave Accrual	355,000	340,969	14,031	4.1%
12	Wellness Awards	10,000	7,345	2,655	36.1%
13	Workman's Compensation	30,000	26,852	3,148	11.7%
14	Holiday Pay	225,000	200,301	24,699	12.3%
15	5% Annual Adjustment	<u>285,000</u>	<u>258,028</u>	<u>26,972</u>	<u>10.5%</u>
	Total Employee Overhead Costs	3,343,710	2,968,558	375,152	12.6%
	Wage Base	\$ 5,207,953	\$ 4,591,468	616,485	13.4%
	Budgeted Employee Overhead Rate	<u>64.2%</u>	<u>64.7%</u>	-0.5%	
	<b>Employee Overhead Rate - Applied</b>	<b>64.2%</b>			

# Warren / Butler / Simpson

District Allocations

Year 2024

## (1) Customers Added Per Year:

	Cumulative			2008			2007			2006			2005			2004		
	Total	Added	% Chg	Total	Added	% Chg	Total	Added	% Chg	Total	Added	% Chg	Total	Added	% Chg	Total	Added	% Chg
Warren	24,012	5,877	3.2%	24,012	394	1.7%	23,618	750	3.3%	22,868	867	3.9%	22,001	855	4.0%	21,146	890	4.4%
Sewer	3,994	2,614	18.9%	3,994	249	6.6%	3,745	345	10.1%	3,400	512	17.7%	2,888	454	18.7%	2,434	314	14.8%
Butler	4,732	524	1.2%	4,732	(41)	-0.9%	4,773	63	1.3%	4,710	43	0.9%	4,667	50	1.1%	4,617	102	2.3%
Simpson	3,164	422	1.5%	3,164	4	0.1%	3,160	36	1.2%	3,124	70	2.3%	3,054	69	2.3%	2,985	61	2.1%
<b>TOTAL</b>	<b>35,902</b>	<b>9,437</b>	<b>3.6%</b>	<b>35,902</b>	<b>606</b>	<b>1.7%</b>	<b>35,296</b>	<b>1,194</b>	<b>3.5%</b>	<b>34,102</b>	<b>1,492</b>	<b>4.6%</b>	<b>32,610</b>	<b>1,428</b>	<b>4.6%</b>	<b>31,182</b>	<b>1,367</b>	<b>4.6%</b>
Cumulative Years =	10			1			1			1			1			1		

## (2) District % of Customers:

	2008			2007			2006			2005			2004		
	Total	% of Total	% Chg	Total	% of Total	% Chg	Total	% of Total	% Chg	Total	% of Total	% Chg	Total	% of Total	% Chg
Warren	24,012	66.9%	0.0%	23,618	66.9%	-0.2%	22,868	67.1%	-0.4%	22,001	67.5%	-0.3%	21,146	67.8%	-0.1%
Sewer	3,994	11.1%	0.5%	3,745	10.6%	0.6%	3,400	10.0%	1.1%	2,888	8.9%	1.1%	2,434	7.8%	0.7%
Butler	4,732	13.2%	-0.3%	4,773	13.5%	-0.3%	4,710	13.8%	-0.5%	4,667	14.3%	-0.5%	4,617	14.8%	-0.3%
Simpson	3,164	8.8%	-0.2%	3,160	9.0%	-0.1%	3,124	9.1%	-0.2%	3,054	9.3%	-0.3%	2,985	9.6%	-0.3%
<b>TOTAL</b>	<b>35,902</b>	<b>100.0%</b>	<b>0.0%</b>	<b>35,296</b>	<b>100.0%</b>	<b>0.0%</b>	<b>34,102</b>	<b>100.0%</b>	<b>0.0%</b>	<b>32,610</b>	<b>100.0%</b>	<b>0.0%</b>	<b>31,182</b>	<b>100.0%</b>	<b>0.0%</b>

**Warren / Butler / Simpson**

District Allocations

Year 2024

**0 #**

(1) Customers Added Per Year:

	2003			2002			2001			2000			1999
	Total	Added	% Chg	Total	Added	% Chg	Total	Added	% Chg	Total	Added	% Chg	Total
Warren	20,256	553	2.8%	19,703	580	3.0%	19,123	593	3.2%	18,530	395	2.2%	18,135
Sewer	2,120	179	9.2%	1,941	224	13.0%	1,717	(108)	-5.9%	1,825	445	32.2%	1,380
Butler	4,515	55	1.2%	4,460	63	1.4%	4,397	127	3.0%	4,270	62	1.5%	4,208
Simpson	<u>2,924</u>	<u>65</u>	<u>2.3%</u>	<u>2,859</u>	<u>11</u>	<u>0.4%</u>	<u>2,848</u>	<u>39</u>	<u>1.4%</u>	<u>2,809</u>	<u>67</u>	<u>2.4%</u>	<u>2,742</u>
TOTAL	<u>29,815</u>	<u>852</u>	<u>2.9%</u>	<u>28,963</u>	<u>878</u>	<u>3.1%</u>	<u>28,085</u>	<u>651</u>	<u>2.4%</u>	<u>27,434</u>	<u>969</u>	<u>3.7%</u>	<u>26,465</u>
		1			1			1			1		1

(2) District % of Customers:

	2003			2002			2001			2000			1999	
	Total	% of Total	% Chg	Total	% of Total	% Chg	Total	% of Total	% Chg	Total	% of Total	% Chg	Total	% of Total
Warren	20,256	67.9%	-0.1%	19,703	68.0%	-0.1%	19,123	68.1%	0.6%	18,530	67.5%	-1.0%	18,135	68.5%
Sewer	2,120	7.1%	0.4%	1,941	6.7%	0.6%	1,717	6.1%	-0.6%	1,825	6.7%	1.5%	1,380	5.2%
Butler	4,515	15.1%	-0.3%	4,460	15.4%	-0.3%	4,397	15.7%	0.1%	4,270	15.6%	-0.3%	4,208	15.9%
Simpson	<u>2,924</u>	<u>9.9%</u>	<u>0.0%</u>	<u>2,859</u>	<u>9.9%</u>	<u>-0.2%</u>	<u>2,848</u>	<u>10.1%</u>	<u>-0.1%</u>	<u>2,809</u>	<u>10.2%</u>	<u>-0.2%</u>	<u>2,742</u>	<u>10.4%</u>
TOTAL	<u>29,815</u>	<u>100.0%</u>	<u>0.0%</u>	<u>28,963</u>	<u>100.0%</u>	<u>0.0%</u>	<u>28,085</u>	<u>100.0%</u>	<u>0.0%</u>	<u>27,434</u>	<u>100.0%</u>	<u>0.0%</u>	<u>26,465</u>	<u>100.0%</u>

# **EXHIBIT 18**



# Cost-of-Service Study

Sewer Utility Fund

Warren County Water District

*Warren Co., KY*  
June 26, 2024







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# CHAPTER 1: BACKGROUND AND HISTORICAL UTILITY DATA

## 1.1 Introduction

Warren County Water District (WCWD) wastewater system includes over 173 miles of sewer lines and 59 wastewater-pumping stations that transport more than 2 million gallons of wastewater each day from approximately 10,500 customers. WCWD sends the wastewater to be treated by Bowling Green Municipal Utilities (BGMU).

To maintain the financial health of their utility, WCWD has retained HDR to review the rates and charges, revenue and expenses associated with the Wastewater Utility and to provide a cost-of-service study that analyzes and allocates “known and measurable” expenses incurred by WCWD to determine and ascertain the appropriateness of the proposed rate increase. The purpose of this study is to determine how much of a rate increase is needed and to identify how to distribute the rate increase to WCWD customers. This study is performed in accordance with generally understood principals outlined by PSC and utilizes methods consistent with American Water Works Association (AWWA) M1 guidance for the development of wastewater rates.

## 1.2 Study Data

The financial and billing data that is discussed in this review was provided by WCWD (Appendix A). This financial data is used as the test year in the study and reflects the fiscal year 2023 (January 1, 2023, through December 31, 2023). The expenses presented are “known and measurable” with documentation from financial statements, utility work papers, and annual audits. Data regarding the amount of wastewater collected and disposed was also provided by WCWD.

The test year expenses and adjusted expenses in this report are allocated based on AWWA M1 guidance to identify utility revenue requirements by function and customer classification. The expense and revenue data that is used in this study has not been independently evaluated by HDR. HDR relies heavily on the data provided in the audit and the underlying accounting data provided by WCWD. Multiple schedules, allocation details and support tables that constitute the complete cost-of-service study are available in the numerous appendices as outlined in the narrative that follows.

## 1.3 Wastewater Collection

Table 1-1 provides a summary of the wastewater sold during the test year. Wastewater sales data was calculated using the Billing Analysis report. Additionally, a peak day is determined based on the maximum monthly usages of each customer divided by the number of days in the month as meters are not read daily. This information is further detailed in Appendix C.



**Table 1-1: Total Wastewater Collected & Sold**

Monthly (FY 2023)	Monthly Amounts	
	Wastewater Disposed <sup>1,2</sup>	Wastewater Collected <sup>2,3</sup>
January '23	86,935,000	106,394,697
February '23	87,752,000	106,524,200
March '23	91,212,000	109,076,572
April '23	89,822,000	107,824,315
May '23	92,199,000	115,216,023
June '23	93,350,000	129,821,395
July '23	88,152,000	121,016,636
August '23	91,032,000	125,961,165
September '23	88,981,000	129,821,395
October '23	88,926,000	129,692,500
November '23	93,041,000	123,084,266
December '23	88,564,000	108,525,302
<b>Total</b>	<b>1,079,966,000</b>	<b>1,415,935,861</b>
<b>Average</b>	<b>2,958,811</b>	<b>3,816,055</b>
<b>Peak Day</b>	<b>3,111,667</b>	<b>4,753,076</b>

Notes: <sup>1</sup> Data from Appendix B.

<sup>2</sup>Gallons

<sup>3</sup>Data from Appendix C.

Based on the information provided in Table 1-1, total wastewater collected in FY 2023 is approximately 1.42 billion gallons (3.88 MGD) and the total wastewater disposed during the same period was 1.08 billion gallons (2.96 MGD). A breakdown of the wastewater sales is provided in Table 1-2.

**Table 1-2: Wastewater Collection**

Customer Classification	Total Sold <sup>1,2</sup>
Industrial	787,156,135
Commercial	176,872,130
Residential	428,831,650
Smiths Grove	23,075,946
<b>Total</b>	<b>1,415,935,861</b>

Notes: <sup>1</sup> Measured in Gallons.

<sup>2</sup> Data from Appendix C



## 1.4 Wastewater Systems Revenues

The revenue generated in FY 2023 in wastewater collection from residential, commercial, and industrial customers is detailed in Appendix E and summarized in Table 1-3. In addition to sewer sales, WCWD also generates additional revenue through operations from fees and services related to the sewer utility. These revenues include items such as connection fees, service fees, and penalty fees.

**Table 1-3: Wastewater Sales Revenue**

Item	Amount <sup>1</sup>
Metered Revenue-Residential	\$2,606,013
Metered Revenue-Commercial	\$847,443
Metered Revenue-Industrial	\$2,690,800
<b>Total Metered Revenue</b>	<b>\$6,144,256</b>
Interest Income-Sinking/Misc	\$101,016
Interest Income-Depreciation Reserve	\$204,033
Interest Income-Customer Deposits	\$127,309
Fortified Discounts	\$84,207
Misc Service Revenue	\$33,870
Other Water Revenue	\$600
Rental Revenue-District Property	-\$14,876
<b>Total Other Revenue</b>	<b>\$536,159</b>
<b>Total</b>	<b>\$6,680,415</b>

Note: <sup>1</sup> Data from Appendix E.

## 1.5 Wastewater System Expenses

A summary of the expenses for operation and maintenance for the wastewater utility for FY 2023 is provided in Table 1-4. As with revenues, many expenses were purchasing and distribution combined. Therefore, expenses associated with it are proportionally allocated by function. Allocation methods between collection and disposal are detailed in Table 1-4. Further allocation of expenses by customer class and function are detailed in Chapter 2 of this report.



**Table 1-4: Total Operation and Maintenance Expenses**

Expense	Total <sup>1</sup>
Source	\$3,541,147
Transmission & Distribution	\$436,973
Customer Accounts	\$204,311
Administration & General	\$271,784
Unclassified	\$(27,244)
Depreciation Expense	\$1,918,276
Interest Expense	\$371,569
Debt Expense	\$245,097
<b>Total</b>	<b>\$6,961,913</b>

Note: <sup>1</sup> Data from Appendix D.

In addition to operations and maintenance costs, a utility will also incur cost for the loss of value on an asset that has been in service. This depreciation expense is determined based on the sum of all lost value on assets across the entire wastewater system during a fiscal year. This value is included in the revenue requirements to provide for the renewal and replacement of aging equipment. The annual depreciation of an asset is determined by dividing the initial cost of the item (less any salvage value) by its expected life. The expected life is based off the NARUC life of assets. The depreciation value for the wastewater utility in FY 2023 is shown in Table 1-5 along with amortization value for the principal and interest payments on notes used for construction of various improvements.

**Table 1-5: Depreciation / Amortization Expenses**

Expense	Total <sup>1</sup>
Depreciation	\$1,918,276
Debt Service (Principal and Interest Payments) <sup>2</sup>	\$616,666
<b>Total</b>	<b>\$2,534,942</b>

Note: <sup>1</sup> Data from Appendix D.

<sup>2</sup> Includes bond coverage.



# CHAPTER 2: EXPENSE ALLOCATION BY FUNCTION AND CUSTOMER CLASS

## 2.1 Background

Chapter 1 provided a summary of the FY 2023 revenues and expenses associated with WCWD. This chapter will focus on evaluating the expenses and allocating them to their appropriate functional cost component and customer classification. The purpose of this activity is to ascribe utility costs to the customers that have benefitted from them. This process involves allocating utility expenses using a Base/Extra Capacity approach as described in AWWA M1 *Principles of Water Rates, Fees and Charges*.

The Base/Extra Capacity method of allocation is intended to categorize expenses by the need for them. WCWD has provided audited expenses that are distributed to each sewer utility department (collections, disposal, etc.). The Base/Extra Capacity method takes this information and transforms it into expenses related to functions of the utility operation (average day, peak day, etc.). This is done to understand the fundamental costs of service related to the various operating conditions within the utility. As described previously, expenses incurred by the utility are classified into one of the three functional categories identified below:

- Base Costs
- Extra capacity costs
- Customer costs (including meters and services)

Base costs are operations and maintenance (O&M) costs as well as capital costs that are integral to daily utility functions including costs associated with service to customers under average day conditions. These costs would include salaries, insurance, power, chemical, etc. Capital investment related to meeting constant or average day usage would also be included in this category.

Extra capacity costs are associated with meeting water usage requirements above the average day condition. This includes capital and O&M expenses for system capacity required beyond the average rate of use. This includes determinations of the impact of maximum hour and maximum day requirements. Examples of this expense would include overtime salaries, extra chemical, power, storage needed and pipe capacity, etc.

Customer costs are those which are directly related with serving the customers such as billing, meter reading, customer service or utility management. In addition, costs related to meters, services and administrative functions are also included in this category. This category is typically related to expenses that are outside of the production and transmission aspects of the system.

## 2.2 Allocation of Expenses

Table 2-1 provides a summary of the expenses allocated by functional components. The allocation of costs is outlined in Appendix G. Each service function is also indicated next to the expense. The allocation percentages are developed from flow data (Appendix B and Appendix C) as outlined previously.



**Table 2-1: Base / Extra Capacity Expense Allocation by Component**

<b>Component</b>	<b>Total</b>	<b>Base</b>	<b>Maximum Day</b>	<b>Customer Costs</b>
Sewage Disposal	\$3,541,147	\$3,175,967	\$365,180	\$ -
Sewer Distribution	\$436,973	\$433,770	\$3,203	\$ -
Customer Accounts	\$204,311	\$204,311	\$ -	\$ -
Administration	\$271,784	\$ 271,784	\$ -	\$ -
Utility Unclassified	\$(27,244)	\$30,619	\$ -	\$-
Depreciation Expense	\$1,918,276	\$1,918,276	\$ -	\$ -
Interest Expense	\$371,569	\$371,569	\$ -	\$ -
Debt Expense	\$245,097	\$245,097	\$ -	\$ -
<b>Total Cost-of-Service</b>	<b>\$6,961,913</b>	<b>\$6,593,529</b>	<b>\$368,384</b>	<b>\$ -</b>

Note: <sup>1</sup> Data from Appendix G.



# CHAPTER 3: TEST YEAR ADJUSTMENTS

## 3.1 Introduction

Chapter 1 provided a summary of the FY 2023 revenues and expenses of WCWD. Chapter 2 reviewed the Base/Extra Capacity method utilized in determining a cost-of-service by function and customer class. This chapter will utilize the values outlined in Chapter 1 as a starting point and adjust them to include documented expense and revenue changes.

## 3.2 Test Year Adjustments

In addition to the test year cost-of-service, governing entities allow for the inclusion in the revenue requirements of known expenses that are absent or can be documented to be higher (or lower) than the test year value. Additionally, revenue can be adjusted if documentation is available that shows revenue to be lower (or higher) than the test year value.

Other documented expenses adjustments were made based on “known and measurable” costs. Additionally, adjustments were made for changes to expense allocation for costs to be allocated to customer costs. Below details areas that were adjusted:

- Salary Increases – All salaries were increased by 5.241%, 3.241% from Cost-of-Living Allocation (COLA) and 2% from merit-based raises.
- Employee Overhead Increases – All employee overhead were increased by 5.241% as well, except for Fringe Benefits- Insurance.
- New employees – Employees hired in the test year and known hires for 2024.
- Debt – Adjusted based on known amortization schedule for FY 2024.
- Depreciation – Adjusted based on WCWD’s projects in progress and future projects.
- Rate Case Expenses – Estimated expenses of the rate case including legal fees, HDR fees, and publication costs.

See Table 3-1 for an overview of adjustments impacts on each customer. See Appendix J for all known and measurable adjustments.



**Table 3-1: Test Year Adjustments by Customer Class**

<b>Customer Class</b>	<b>Cost-of-Service Adjustment <sup>3</sup></b>	<b>Total Revenue Adjustments <sup>3</sup></b>
Industrial	\$315,886	\$362,566
Commercial	\$70,890	\$114,233
Residential	\$175,236	\$350,977
Smiths Grove	\$9,253	\$24,986
<b>Utility Total</b>	<b>\$571,264</b>	<b>\$852,762</b>

Note: <sup>1</sup> Date from Appendix I.

<sup>2</sup> Based on test year adjusted.

<sup>3</sup> Increase in value is positive and a decrease is shown as \$(XXX).

For additional information on test year adjustments see Appendix D, Appendix E, and Appendix H.



# CHAPTER 4: COST OF SERVICE

## 4.1 Background

The previous sections in this study provide the information associated with the utility data from a historical test year (FY 2023) as well as a summarized breakdown of the expense allocations. In doing so, the costs incurred by WCWD during the normal course of operation have been allocated to those customers who derive the benefit from the personnel, facilities, and equipment necessary to provide them service. The purpose of this section is to determine if the present tariff structure will generate sufficient revenue to cover the cost-of-service.

## 4.2 Sufficiency of Existing Revenues

Chapter 2 reviewed the determination of cost-of-service requirements and allocation expenses. Chapter 3 reviewed adjusted revenues and expenses from the test year. Table 4-1 summarizes revenue requirements against revenue generated from wastewater sales, services, and miscellaneous income for adjusted test year. Additional details are provided in Appendix I.

**Table 4-1: Comparison of Revenue Requirements vs. Wastewater Revenue by Customer Class**

	Cost-of-Service	Total Revenue	Surplus (Deficit)
Industrial	\$4,166,302	\$2,840,289	\$(1,326,012)
Commercial	\$959,176	\$894,886	\$(64,290)
Residential	\$2,283,693	\$2,749,504	\$465,811
Smiths Grove	\$124,007	\$195,736	\$71,729
<b>Utility Total</b>	<b>\$7,533,177</b>	<b>\$6,680,415</b>	<b>\$(852,762)</b>

Note: <sup>1</sup> Data from Appendix I.

<sup>2</sup> Based on test year adjusted.

## 4.3 Rate Comparison

As seen in Table 4-1, WCWD presently has a revenue shortfall for. WCWD may need to adjust the rates for the WCWD customers to reduce this deficit. However, before recommending a rate adjustment for WCWD, a comparison of other utilities will identify where WCWD wastewater prices compare to utilities around the state.

Table 4-2 is a breakdown of average cost per month per household for wastewater service. The bill is based on the average household drinking water consumption which is assumed to be 4,000 gallons per month.



**Table 4-2: Average Monthly Bills in Select Cities (Residential)**

City	Monthly Water Bill <sup>1</sup>	Rate Increase Year
Shelbyville MW&SC <sup>2</sup>	\$21.95	2023
<b>Warren County<sup>2</sup> (Current)</b>	<b>\$22.85</b>	<b>2022</b>
<b>Warren County (Proposed)</b>	<b>\$26.03</b>	<b>-</b>
Berea <sup>2</sup>	\$26.28	2019
Paducah <sup>2</sup>	\$26.44	2019
HWEA <sup>2</sup>	\$28.68	2019
Madisonville <sup>2</sup>	\$31.00	2008
Bowling Green <sup>2</sup>	\$31.42	2023
Russellville <sup>2</sup>	\$35.80	2009
Lexington- LEXserv <sup>2</sup>	\$37.22	2019
Hardin Co. WD #1 <sup>2</sup>	\$37.50	2023
Nicholasville (Out-of-City) <sup>2</sup>	\$37.57	2019
Harrodsburg, KY (In-City) <sup>2</sup>	\$37.88	2023
Georgetown <sup>2</sup>	\$38.57	2023
Versailles <sup>2</sup>	\$41.55	2022
Frankfort <sup>4</sup> (In-City)	\$42.96	2018
Henderson <sup>2</sup>	\$44.68	2023
Richmond <sup>4</sup> (In-City)	\$49.15	2023
Northern Kentucky Sanitation District No. 1 <sup>3</sup>	\$51.99	2024
Winchester (In-City) <sup>2,4</sup>	\$52.93	2023
Owensboro <sup>2</sup>	\$56.47	2023
Louisville <sup>2</sup>	\$57.75	2022
Richmond (Out-of-City) <sup>3</sup>	\$68.29	2023
Murray <sup>2</sup>	\$87.82	2019

Note: <sup>1</sup> Based on 4,000 gallons per day usage.

<sup>2</sup> Rate info from phone calls, city websites, PSC, and WRIS Portal.

<sup>3</sup> PSC Case Filing



**Table 4-3: Average Monthly Bills in Select Cities (Commercial)**

City	Monthly Water Bill <sup>1</sup>	Rate Increase Year
<b>Warren County (Current)</b>	<b>\$151.87</b>	<b>2022</b>
Somerset <sup>2</sup>	\$157.11	2021
<b>Warren County (Proposed)</b>	<b>\$180.68</b>	-
BGMU <sup>2</sup> (In-City)	\$208.23	2024
Paducah McCracken County <sup>2</sup>	\$231.35	2023
Hardin Co WD #1 <sup>2</sup>	\$251.90	2023
Madisonville <sup>4</sup> (In-City)	\$271.25	-
HWEA <sup>4</sup>	\$286.30	2024
BGMU <sup>2</sup> (Out-of-City)	\$292.21	2023
Hardin Co WD #2 <sup>2</sup>	\$360.00	2023
Richmond <sup>2</sup>	\$375.03	2023
LEXServ <sup>2</sup>	\$389.15	2024
Madisonville <sup>4</sup> (Out-of-City)	\$407.05	-
Richmond <sup>4</sup> (Out-of-City)	\$752.01	2023

Note: <sup>1</sup> Based on 35,000 gallons per day usage.

<sup>2</sup> Rate info from phone calls, city websites, PSC, and WRIS Portal.

<sup>3</sup> PSC Case Filing

<sup>4</sup> Monthly Bill based on city website: implementation date unknown.



## 4.4 Rate Adjustment Recommendation

HDR recommends a rate increase of 13.88%. This level of increase would mitigate the current deficit amount seen by the entire the sewer utility. Table 4-4 outlines the rate adjustment recommendation.

**Table 4-4: Rate Adjustments Recommendation (Test Year Adjusted)**

	Cost-of-Service	Sales Revenue	Total Revenue	Rate Increase	Revenue Increase	Total Revenue w/ Increase	Surplus (Deficit) with Increase
<b>Industrial</b>	\$4,166,302	\$2,612,332	\$2,840,289	13.88%	\$362,566	\$3,202,855	\$(963,446)
<b>Commercial</b>	\$959,176	\$823,064	\$894,886	13.88%	\$114,233	\$1,009,119	\$49,943
<b>Residential</b>	\$2,283,693	\$2,528,833	\$195,736	13.88%	\$350,977	\$3,100,481	\$816,788
<b>Smiths Grove</b>	\$124,007	\$180,027	\$195,736	13.88%	\$24,986	\$220,722	\$96,715
<b>Utility Total</b>	<b>\$7,533,177</b>	<b>\$6,144,256</b>	<b>\$6,680,415</b>		<b>\$852,762</b>	<b>\$7,533,177</b>	<b>\$ -</b>

Note: <sup>1</sup> Data from Appendix I.

<sup>2</sup> Based on test year adjusted.

HDR also recommends that WCWD no longer uses a separate tariff for Smiths Grove and adjusts the current WCWD sewer tariff to match the proposed water schedule, since sewer charge is based on water usage. This will simplify billing for WCWD staff and customers. See Appendix K for the detailed changes.



# Appendix A. WCWD Utility Expenses and Revenue Financial Statements

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense**  
Actual vs. Prior Year  
December 31, 2023

	Month				Year To Date			
	Current	Prior	Variance	% Change	Current	Prior	Variance	% Change
<b>OPERATING REVENUE</b>								
Metered Revenue:								
460-0000-3 Unmetered Revenue - Chk Valves	0	\$0	\$0	0.0%	0	\$0	\$0	0.0%
461-0001-3 Metered Revenue - Residential	204,133	193,934	10,199	5.3%	2,606,013	2,427,629	178,385	7.3%
461-0002-3 Metered Revenue - Commercial	66,745	68,580	(1,834)	-2.7%	847,443	777,586	69,857	9.0%
461-0003-3 Metered Revenue - Industrial	208,595	213,900	(5,305)	-2.5%	2,690,800	2,571,949	118,850	4.6%
461-0004-3 Metered Revenue - City/County/State/Fed	0	0	0	0.0%	0	0	0	0.0%
461-0005-3 Metered Revenue - Mult Family	0	0	0	0.0%	0	0	0	0.0%
461-0033-3 Metered Revenue - Agricultural	0	0	0	0.0%	0	0	0	0.0%
461-0101-3 Unbilled Revenue - Residential	(17,879)	20,728	(38,606)	-186.3%	(17,879)	20,728	(38,606)	-186.3%
461-0102-3 Unbilled Revenue - Commercial	(28,538)	16,473	(45,011)	-273.2%	(28,538)	16,473	(45,011)	-273.2%
468-0000-3 Metered Revenue - Leak Adjusts	0	0	0	0.0%	0	0	0	0.0%
<b>Total Metered Revenue</b>	<b>433,058</b>	<b>513,615</b>	<b>(80,557)</b>	<b>-15.7%</b>	<b>6,097,840</b>	<b>5,814,365</b>	<b>283,475</b>	<b>4.9%</b>
Forfeited Discounts:								
470-0000-3 Forfeited Discounts	9,326	4,442	4,884	110.0%	84,207	86,445	(2,238)	-2.6%
<b>Total Forfeited Discounts</b>	<b>9,326</b>	<b>4,442</b>	<b>4,884</b>	<b>110.0%</b>	<b>84,207</b>	<b>86,445</b>	<b>(2,238)</b>	<b>-2.6%</b>
Miscellaneous Service Revenue:								
471-0000-3 Misc Service Revenue	2,038	2,495	(458)	-18.3%	33,870	37,222	(3,352)	-9.0%
<b>Total Miscellaneous Service Revenue</b>	<b>2,038</b>	<b>2,495</b>	<b>(458)</b>	<b>-18.3%</b>	<b>33,870</b>	<b>37,222</b>	<b>(3,352)</b>	<b>-9.0%</b>
Other Water Revenue:								
474-0000-3 Other Water Revenue	50	50	0	0.0%	600	600	0	0.0%
474-0001-3 Other Water Revenue - Meter Reading	0	0	0	0.0%	0	0	0	0.0%
<b>Total Other Water Revenue</b>	<b>50</b>	<b>50</b>	<b>0</b>	<b>0.0%</b>	<b>600</b>	<b>600</b>	<b>0</b>	<b>0.0%</b>
Interest Income:								
419-0000-3 Interest Income - Sinking/Misc	13,880	53,644	(39,765)	-74.1%	101,016	56,802	44,215	77.8%
419-0002-3 Interest Income - Customer Deposits	0	0	0	0.0%	0	0	0	0.0%
419-0002-3 Interest Income - Customer Deposits	1,919	0	1,919	0.0%	127,309	0	127,309	0.0%
419-0001-3 Interest Income - Depreciation Reserve Fund	(1,445)	4,272	(5,716)	-133.8%	204,033	35,187	168,846	479.9%
<b>Total Interest Income</b>	<b>14,355</b>	<b>57,916</b>	<b>(43,562)</b>	<b>-75.2%</b>	<b>432,359</b>	<b>91,989</b>	<b>340,370</b>	<b>370.0%</b>
Rental Income - Utility Property:								
472-0000-3 Rental Revenue - District Property	(4,761)	1,718	(6,479)	-377.1%	(14,876)	(5,225)	(9,651)	184.7%
<b>Total Rental Income - Utility Property</b>	<b>(4,761)</b>	<b>1,718</b>	<b>(6,479)</b>	<b>-377.1%</b>	<b>(14,876)</b>	<b>(5,225)</b>	<b>(9,651)</b>	<b>184.7%</b>
Disposition Gain \ (Losses):								
414-0000-3 Disposition - Gains / (Losses)	0	0	0	0.0%	0	0	0	0.0%
<b>Total Disposition Gain \ (Losses)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.0%</b>
<b>Total Operating Revenue</b>	<b>454,066</b>	<b>580,237</b>	<b>(126,171)</b>	<b>-21.7%</b>	<b>6,634,000</b>	<b>6,025,396</b>	<b>608,604</b>	<b>10.1%</b>
<b>OPERATING EXPENSES</b>								
Salaries and Wages:								
601-1001-3 Wages - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
601-2002-3 Wages - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
601-5001-3 Wages - Trans & Distr (Oper)	4,138	6,113	(1,975)	-32.3%	63,630	64,882	(1,251)	-1.9%
601-6002-3 Wages - T & D (Maint)	3,469	7,191	(3,722)	-51.8%	73,232	69,660	3,572	5.1%
601-7001-3 Wages - Customer Accounts	6,500	6,542	(41)	-0.6%	85,005	77,127	7,879	10.2%
601-8001-3 Wages - Admin & Genl	8,804	6,041	2,762	45.7%	95,687	83,795	11,892	14.2%
<b>Total Salaries and Wages</b>	<b>22,911</b>	<b>25,887</b>	<b>(2,976)</b>	<b>-11.5%</b>	<b>317,555</b>	<b>295,463</b>	<b>22,092</b>	<b>7.5%</b>
Commissioner Fees:								
675-8011-3 Misc Expense - Commissioner Fee	1,250	1,250	0	0.0%	15,000	15,000	0	0.0%
<b>Total Commissioner Fees</b>	<b>1,250</b>	<b>1,250</b>	<b>0</b>	<b>0.0%</b>	<b>15,000</b>	<b>15,000</b>	<b>0</b>	<b>0.0%</b>
Employee Overhead:								
604-1001-3 Employee Overhead - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
604-5001-3 Employee Overhead - T & D (Oper)	2,956	3,692	(736)	-19.9%	35,892	37,175	(1,283)	-3.5%
604-6002-3 Employee Overhead - T & D (Maint)	2,478	4,343	(1,865)	-42.9%	41,094	39,843	1,252	3.1%
604-7001-3 Employee Overhead - Customer Accounts	4,643	3,951	692	17.5%	48,168	44,171	3,997	9.0%
604-8001-3 Employee Overhead - Admin & Genl	6,289	3,649	2,640	72.3%	54,485	47,883	6,602	13.8%



604-8011-3 Employee Overhead - Comm SS & Medicare	0	0	0	0.0%	0	0	0	0.0%
604-8200-3 Employee Overhead - Reimbursement Acct	0	0	0	0.0%	0	0	0	0.0%
<b>Total Employee Overhead</b>	<b>16,365</b>	15,635	731	4.7%	<b>179,639</b>	169,071	10,568	6.3%
<b>Purchased Water:</b>								
610-1001-3 Purchased Water	275,471	294,209	(18,738)	-6.4%	3,377,072	3,173,207	203,865	6.4%
610-1100-3 Purchased Water - Unbilled (BGMU)	(3,057)	30,086	(33,143)	-110.2%	(3,057)	30,086	(33,143)	-110.2%
<b>Total Purchased Water</b>	<b>272,414</b>	324,295	(51,881)	-16.0%	<b>3,374,015</b>	3,203,293	170,722	5.3%
<b>Purchased Power:</b>								
615-1001-3 Purchased Power - Source	13,014	13,441	(427)	-3.2%	157,890	155,590	2,299	1.5%
615-5001-3 Purchased Power - T & D	0	0	0	0.0%	0	0	0	0.0%
615-5011-3 Purchased Power - Master Mtrs	0	0	0	0.0%	0	0	0	0.0%
<b>Total Purchased Power</b>	<b>13,014</b>	13,441	(427)	-3.2%	<b>157,890</b>	155,590	2,299	1.5%
<b>Chemicals:</b>								
618-6002-3 Chemicals	1,776	3,790	(2,014)	-53.1%	30,983	37,385	(6,403)	-17.1%
<b>Total Chemicals</b>	<b>1,776</b>	3,790	(2,014)	-53.1%	<b>30,983</b>	37,385	(6,403)	-17.1%
<b>Materials &amp; Supplies:</b>								
620-1001-3 Matl & Supply - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
620-2002-3 Matl & Supply - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
620-5001-3 Matl & Supply - T & D (Oper)	168	0	168	0.0%	6,445	3,885	2,560	65.9%
620-6002-3 Matl & Supply - T & D (Maint)	8,459	378	8,081	2,136.1%	45,683	19,549	26,134	133.7%
620-7001-3 Matl & Supply - Customer Accts	172	0	172	0.0%	454	74	381	518.1%
620-8001-3 Matl & Supply - Admin & General	1,110	1,187	(77)	-6.5%	7,022	8,073	(1,050)	-13.0%
<b>Total Materials &amp; Supplies</b>	<b>9,908</b>	1,565	8,343	533.1%	<b>59,604</b>	31,580	28,025	88.7%
<b>Contractual Servs - Engineering:</b>								
631-1001-3 Contract Eng - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
631-7001-3 Contract Eng - Customer Accts	0	0	0	0.0%	0	0	0	0.0%
<b>Total Contractual Servs - Engineering</b>	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
<b>Contractual Servs - Accounting:</b>								
632-1001-3 Contract Acctg - Source (Oper)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-2002-3 Contract Acctg - Source (Maint)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-5001-3 Contract Acctg - T & D (Oper)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-6002-3 Contract Acctg - T & D (Maint)	151	126	25	19.4%	1,750	1,511	239	15.8%
632-7001-3 Contract Acctg - Customer Acct	301	253	49	19.4%	3,500	3,022	478	15.8%
632-8001-3 Contract Acctg - Admin & Genl	301	325	(23)	-7.1%	3,500	3,094	406	13.1%
<b>Total Contractual Servs - Accounting</b>	<b>1,206</b>	1,082	124	11.4%	<b>14,000</b>	12,160	1,841	15.1%
<b>Contractual Servs - Legal:</b>								
633-1001-3 Contract Legal - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
633-2002-3 Contract Legal - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
633-5001-3 Contract Legal - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
633-6002-3 Contract Legal - T & D (Maint)	0	0	0	0.0%	0	0	0	0.0%
633-7001-3 Contract Legal - Customer Acct	0	0	0	0.0%	0	1,565	(1,565)	-100.0%
633-8001-3 Contract Legal - Admin & Genl	652	0	652	0.0%	5,136	880	4,256	483.5%
<b>Total Contractual Servs - Legal</b>	<b>652</b>	0	652	0.0%	<b>5,136</b>	2,446	2,691	110.0%
<b>Contractual Servs - Other:</b>								
635-1001-3 Contract Other - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
635-1021-3 Contract Other - Source (Alarm)	0	0	0	0.0%	0	0	0	0.0%
635-2002-3 Contract Other - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
635-4002-3 Contract Other - Water (Maint)	0	0	0	0.0%	0	0	0	0.0%
635-5001-3 Contract Other - T & D (Oper)	0	0	0	0.0%	1,637	80	1,557	1,954.7%
635-6002-3 Contract Other - T & D (Maint)	29,147	4,136	25,011	604.7%	94,158	42,695	51,463	120.5%
635-7001-3 Contract Other - Customer Acct	6,786	4,899	1,887	38.5%	63,808	58,814	4,994	8.5%
635-8001-3 Contract Other - Admin & Genl	7,835	6,538	1,296	19.8%	67,075	54,368	12,707	23.4%
<b>Total Contractual Servs - Other</b>	<b>43,768</b>	15,574	28,194	181.0%	<b>226,678</b>	155,956	70,722	45.3%
<b>Rental of Building &amp; Utilities:</b>								
641-1001-3 Rent & Utilities - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
641-5001-3 Rent & Utilities - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
641-5031-3 Rent & Utilities - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
641-7001-3 Rent & Utilities - Customer Acct	0	0	0	0.0%	0	0	0	0.0%
641-7011-3 Rent & Utilities - Customer Acct	0	0	0	0.0%	0	0	0	0.0%
641-8001-3 Rent & Utilities - Admin & Genl	0	0	0	0.0%	0	0	0	0.0%
<b>Total Rental of Building &amp; Utilities</b>	<b>0</b>	0	0	0.0%	<b>0</b>	0	0	0.0%
<b>Equipment Expense:</b>								
650-1001-3 Equipment Exp - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
650-2002-3 Equipment Exp - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
650-5001-3 Equipment Exp - T&D (Oper)	1,114	1,561	(447)	-28.6%	19,707	19,519	187	1.0%
650-6002-3 Equipment Exp - T&D (Maint)	588	1,914	(1,326)	-69.3%	17,668	18,714	(1,046)	-5.6%

650-7001-3 Equipment Exp - Customer Accts	0	0	0	0.0%	32	118	(87)	-73.4%
650-8001-3 Equipment Exp - Admin & Genl	40	0	40	0.0%	213	20	193	962.5%
Total Equipment Expense	1,742	3,475	(1,733)	-49.9%	37,618	38,371	(753)	-2.0%

Insurance - General Liability:

657-1001-3 Insurance G/L - Source (Oper)	504	402	103	25.5%	5,742	4,610	1,132	24.6%
657-5001-3 Insurance G/L - T & D (Oper)	294	234	60	25.5%	3,344	2,685	659	24.6%
657-7001-3 Insurance G/L - Customer Accts	294	234	60	25.5%	3,344	2,685	659	24.6%
657-8001-3 Insurance G/L - Admin & Genl	294	234	60	25.5%	3,344	2,685	659	24.6%
Total Insurance - General Liability	1,385	1,103	282	25.5%	15,775	12,664	3,111	24.6%

Insurance - Other:

659-1001-3 Insurance Other - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
659-5001-3 Insurance Other - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
659-8001-3 Insurance Other - Admin & Genl	212	212	(0)	-0.0%	2,545	2,545	(0)	-0.0%
Total Insurance - Other	212	212	(0)	-0.0%	2,545	2,545	(0)	-0.0%

Regulatory Expense:

408-0000-3 PSC Assessment	644	690	(46)	-6.6%	8,006	9,059	(1,053)	-11.6%
Total Regulatory Expense	644	690	(46)	-6.6%	8,006	9,059	(1,053)	-11.6%

Bad Debt Expense:

670-7001-3 Bad Debt Expense	240	(406)	646	-159.2%	4,466	1,064	3,403	319.8%
670-7010-3 Bad Debt Expense	0	0	0	0.0%	0	0	0	0.0%
Total Bad Debt Expense	240	(406)	646	-159.2%	4,466	1,064	3,403	319.8%

Miscellaneous Expenses:

675-1001-3 Misc Expense - Source (Oper)	0	0	0	0.0%	0	0	0	0.0%
675-2002-3 Misc Expense - Source (Maint)	0	0	0	0.0%	0	0	0	0.0%
675-5001-3 Misc Expense - T & D (Oper)	0	0	0	0.0%	0	0	0	0.0%
675-6002-3 Misc Expense - T & D (Maint)	0	0	0	0.0%	0	0	0	0.0%
675-7001-3 Misc Expense - Customer Accts	(343)	0	(343)	0.0%	0	155	(155)	-100.0%
675-7021-3 Misc Expense - Cash Over/Short (CIS)	0	0	0	0.0%	0	0	0	0.0%
675-7025-3 Misc Expense - Customer FB (CIS)	0	0	0	0.0%	0	0	0	0.0%
675-8011-3 Misc Expense - Commissioner Fee	0	0	0	0.0%	0	0	0	0.0%
675-8001-3 Misc Expense - Admin & Genl	3,612	2,293	1,319	57.5%	17,777	8,527	9,249	108.5%
Total Miscellaneous Expenses	3,269	2,293	976	42.5%	17,777	8,682	9,094	104.7%

Subtotal - Operating Expenses	390,757	409,886	(19,130)	-4.7%	4,466,687	4,150,329	316,358	7.6%
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**OTHER EXPENSES**

Depreciation:

403-3041-3 Depr Expense - Improvement (Land)	147	854	(707)	-82.8%	1,764	1,767	(3)	-0.2%
403-3043-3 Depr Expense - Structures	39,461	1,167,279	(1,127,818)	-96.6%	466,097	1,339,979	(873,882)	-65.2%
403-3044-3 Depr Expense - Office Building	7,017	43,619	(36,602)	-83.9%	86,689	96,655	(9,966)	-10.3%
403-3112-3 Depr Expense - Equip (Elec Pumping)	7,314	(595,002)	602,316	-101.2%	86,600	(510,203)	596,803	-117.0%
403-3304-3 Depr Expense - Standpipes	0	0	0	0.0%	0	0	0	0.0%
403-3314-3 Depr Expense - Mains (Trans & Distr)	80,353	18,426	61,927	336.1%	931,730	889,732	41,998	4.7%
403-3324-3 Depr Expense - SCADA	(6,354)	7,758	(14,112)	-181.9%	12,441	17,190	(4,749)	-27.6%
403-3334-3 Depr Expense - Meters (Services)	21,744	73,405	(51,661)	-70.4%	241,093	218,791	22,302	10.2%
403-3344-3 Depr Expense - Meters	28,290	26,245	2,045	7.8%	67,295	56,364	10,931	19.4%
403-3345-3 Depr Expense - Meters (Installations)	140	250	(110)	-44.0%	1,661	1,829	(168)	-9.2%
403-3354-3 Depr Expense - Hydrants	0	0	0	0.0%	0	0	0	0.0%
403-3392-3 Depr Expense - Equipment (Pumping)	0	0	0	0.0%	0	0	0	0.0%
403-3400-3 Depr Expense - Software	1,496	2,862	(1,366)	-47.7%	14,772	15,537	(765)	-4.9%
403-3401-3 Depr Expense - Hardware	283	258	25	9.7%	3,278	3,101	177	5.7%
403-3402-3 Depr Expense - Datamatic	0	0	0	0.0%	0	0	0	0.0%
403-3405-3 Depr Expense - Furniture & Equipment	288	(875)	1,163	-132.9%	1,092	822	270	32.9%
403-3415-3 Depr Expense - Trucks & Equipment	0	0	0	0.0%	0	0	0	0.0%
403-3435-3 Depr Expense - Equipment (Tools)	79	(13,839)	13,918	-100.6%	950	(13,114)	14,064	-107.2%
403-3465-3 Depr Expense - Equip (Communication)	235	(4,527)	4,762	-105.2%	2,814	3,767	(953)	-25.3%
403-9000-3 Depreciation Expense (Old)	0	0	0	0.0%	0	0	0	0.0%
Total Depreciation	180,493	726,713	(546,220)	-75.2%	1,918,276	2,122,217	(203,941)	-9.6%

421-0000-3 Non-Utility Income	0	0	0	0.0%	(4)	(13)	9	-71.9%
421-0001-3 Non-Utility Income	0	0	0	0.0%	0	0	0	0.0%
Total Misc Non-Operating Income	0	0	0	0.0%	(4)	(13)	9	-71.9%

426-0000-3 Unrealized (Gain)/Loss on Investments	(39,712)	0	(39,712)	0.0%	(39,712)	0	(39,712)	0.0%
Total Misc Non-Operating Expense	(39,712)	0	(39,712)	0.0%	(39,712)	0	(39,712)	0.0%

Interest Expense:

427-3000-3 Interest Exp - Series 1970, USDA	0	0	0	0.0%	0	0	0	0.0%
427-3001-3 Interest Exp - Series 1993, USDA	0	0	0	0.0%	0	0	0	0.0%

427-3002-3 Interest Exp - Series 1995, USDA	0	0	0	0.0%	0	0	0	0.0%
427-3003-3 Interest Exp - KIA, Russellville Rd.	0	0	0	0.0%	0	0	0	0.0%
427-3004-3 Interest Exp - KIA, Barren River Rd (A98-02)	0	0	0	0.0%	0	0	0	0.0%
427-3005-3 Interest Exp - 2019 USDA	1,697	1,246	450	36.1%	14,819	14,974	(156)	-1.0%
427-3007-3 Interest Exp - Series 2003C, KRWFC	0	0	0	0.0%	0	0	0	0.0%
427-3008-3 Interest Exp - KIA, Buchanan Park	1,039	1,152	(112)	-9.8%	14,144	15,345	(1,201)	-7.8%
427-3009-3 Interest Exp - Series 2013B, KRWFC	105	121	(16)	-12.9%	1,292	1,569	(277)	-17.7%
427-3010-3 Interest Exp - KIA, Alvaton Area Improvemer	0	0	0	0.0%	0	0	0	0.0%
427-3023-3 Interest Exp - KIA, Plum Springs Rehab	5,194	3,148	2,046	65.0%	36,109	37,798	(1,689)	-4.5%
427-3025-3 Interest Exp - Series 2021A, KRWFC	2,887	3,368	(482)	-14.3%	35,129	40,372	(5,243)	-13.0%
427-3040-3 Interest Exp - Series 2022D, KRWFC	21,732	37,719	(15,987)	-42.4%	277,409	62,865	214,544	341.3%
427-4005-3 Interest Exp - Consumer Deposits	416	36	380	1,051.3%	4,926	397	4,529	1,139.8%
427-5010-3 Interest Exp - Other	0	0	0	0.0%	0	0	0	0.0%
429-1007-3 Amortized Debt Expense	0	0	0	0.0%	0	0	0	0.0%
429-1025-3 Am Prem/Disc-KRWFC, Series 2021A	(1,022)	(1,117)	95	-8.5%	(12,259)	(13,404)	1,145	-8.5%
Total Interest Expense	<b>32,047</b>	<b>45,673</b>	<b>(13,626)</b>	<b>-29.8%</b>	<b>371,569</b>	<b>159,917</b>	<b>211,652</b>	<b>132.4%</b>
Debt Expense:								
428-0000-3 Amortized Debt Expense	0	60,657	(60,657)	-100.0%	0	121,315	(121,315)	-100.0%
428-1025-3 Am Debt Gain/(Loss)-KRWFC, Series 2021A	0	0	0	0.0%	0	0	0	0.0%
428-2000-3 Amortized Debt Expense	(7,049)	0	(7,049)	0.0%	(7,049)	0	(7,049)	0.0%
Total Debt Expense	<b>(7,049)</b>	<b>60,657</b>	<b>(67,706)</b>	<b>-111.6%</b>	<b>(7,049)</b>	<b>121,315</b>	<b>(128,364)</b>	<b>-105.8%</b>
OPEB Expense								
604-8300-3 OPEB Expense	629	(53,881)	54,510	101.2%	8,618	(44,733)	53,352	-119.3%
Total OPEB Expense	<b>629</b>	<b>(53,881)</b>	<b>54,510</b>	<b>101.2%</b>	<b>8,618</b>	<b>(44,733)</b>	<b>53,352</b>	<b>-119.3%</b>
Subtotal - Other Expenses	<b>166,409</b>	<b>779,163</b>	<b>(612,754)</b>	<b>-78.6%</b>	<b>2,251,699</b>	<b>2,358,703</b>	<b>(107,003)</b>	<b>-4.5%</b>
Total Expenses	<b>557,166</b>	<b>1,189,049</b>	<b>(631,883)</b>	<b>-53.1%</b>	<b>6,718,386</b>	<b>6,509,032</b>	<b>209,354</b>	<b>3.2%</b>
NET INCOME \ (LOSS)	<b>(103,100)</b>	<b>(\$608,812)</b>	<b>\$505,712</b>	<b>83.1%</b>	<b>(84,386)</b>	<b>(\$483,636)</b>	<b>\$399,250</b>	<b>82.6%</b>



# Appendix B. Monthly Sales & Disposal





# Appendix C. Monthly Sales by Meter

Monthly Sales for Test Year	Days per Month	Industrial								Industrial Sub-Total	CH- 5/8	CH- 1	CH- 1.5	CH- 2	Sub-Total	CO- 5/8
		IN 5/8	IN 1	IN 1.5	IN 2	IN 3	IN 4	IN 6								
January '23	31	3,473	9,533,401	17,212	33,108,524	1,763,200	8,528,032	7,575,000	60,528,842	13,478	14,931	43,000	5,339	76,748	1,025,243	
February '23	28	4,786	10,210,837	18,505	30,943,486	1,912,100	7,740,358	6,642,000	57,472,072	8,470	6,757	47,000	6,162	68,389	1,114,727	
March '23	31	4,618	10,703,250	35,352	34,302,557	2,118,300	8,473,799	8,280,000	63,917,876	11,752	8,432	17,900	3,660	41,744	988,895	
April '23	30	4,034	10,609,100	49,014	33,940,804	2,264,800	8,002,116	7,630,000	62,499,868	10,097	7,368	39,600	4,352	61,417	1,057,565	
May '23	31	4,448	11,892,107	17,479	33,776,964	2,436,200	8,955,896	7,313,000	64,396,094	11,291	10,666	38,900	5,654	66,511	958,114	
June '23	30	4,516	10,708,562	13,050	39,414,631	1,999,300	9,131,116	9,697,000	70,968,175	11,930	31,375	19,900	5,195	68,400	1,085,169	
July '23	31	4,424	9,644,394	61,463	34,056,287	1,759,000	8,965,658	8,738,000	63,229,226	20,484	13,226	24,300	6,761	64,771	1,094,625	
August '23	31	3,849	11,568,744	24,152	35,988,636	1,638,900	11,388,729	9,341,000	69,954,010	15,950	9,468	29,000	20,756	75,174	1,097,898	
September '23	30	3,725	10,962,920	49,226	38,365,874	2,152,000	9,853,970	10,182,000	71,569,715	21,873	9,322	16,600	12,115	59,910	1,170,935	
October '23	31	3,909	11,188,269	36,777	38,902,206	2,094,300	9,156,046	9,788,000	71,169,507	10,315	7,892	20,700	32,565	71,472	1,130,867	
November '23	30	4,130	11,170,022	52,774	41,266,532	2,384,500	6,906,888	8,752,000	70,536,846	14,684	8,570	18,300	20,585	62,139	1,056,720	
December '23	31	5,871	9,863,270	33,327	35,871,431	1,669,200	6,538,805	6,932,000	60,913,904	14,649	7,556	15,100	26,154	63,459	937,355	
<b>Total</b>	<b>365</b>	<b>51,783</b>	<b>128,054,876</b>	<b>408,331</b>	<b>429,937,932</b>	<b>24,191,800</b>	<b>103,641,413</b>	<b>100,870,000</b>	<b>787,156,135</b>	<b>164,973</b>	<b>135,563</b>	<b>330,300</b>	<b>149,298</b>	<b>780,134</b>	<b>12,718,113</b>	
% of Total									55.57%					0.06%		
Largest Monthly Value									71,569,715					76,748		
Maximum Day									2,385,657					2,476		
Maximum Day %									50.19%					0.05%		
Average Day									2,156,592					2,137		

Meter	5/8	1	1.5	2	3	4	6	Total
Gallons	452,045,729	192,166,249	22,737,080	487,030,856	53,641,430	108,074,517	100,870,000	1,416,565,861
Average Gallons/ Month	4,062	31,138	44,935	336,587	443,319	1,114,171	7,759,239	-
% of Total	31.91%	13.57%	1.61%	34.38%	3.79%	7.63%	7.12%	100.00%

Notes  
Data from Billing Analysis 2023 - Sewer.xlsx

**Commercial**

CO- 1	CO 1.5	CO 2	CO 3	CO 4	Sub-Total	GO- 5/8	GO 1	GO- 1.5	GO- 2	GO 3	GO- 4	Sub-Total	MF- 5/8	MF- 1	MF- 1.5	MF 2	MF- 3	Sub-Total
1,062,226	1,494,650	3,068,193	295,146	253,572	7,199,030	808	457,520	280,125	582,313	43,700	-	1,364,466	29,113	2,722,490	339,485	786,609	1,526,200	5,403,897
1,295,725	1,209,105	2,867,336	978,126	257,312	7,722,331	15,624	531,951	300,990	858,694	70,000	-	1,777,259	157,391	2,773,373	208,107	1,064,311	2,054,700	6,257,882
1,116,152	895,988	2,918,161	473,635	313,412	6,706,243	1,524	499,912	355,086	182,854	46,600	85,000	1,170,976	208,379	2,554,830	190,153	827,006	1,749,700	5,530,068
1,138,483	862,534	2,849,467	646,316	335,104	6,889,469	1,197	441,100	319,402	112,376	48,800	150,000	1,072,875	133,051	2,618,582	178,623	834,892	1,529,700	5,294,848
1,591,389	1,063,474	2,983,779	726,588	306,680	7,630,024	31,450	516,398	483,043	296,601	36,400	121,000	1,484,892	16,359	2,812,651	161,946	817,405	1,552,600	5,360,961
1,637,788	1,221,246	3,108,129	737,104	303,688	8,093,124	504	306,177	505,973	23,577	49,200	166,000	1,051,431	21,424	2,612,244	178,573	846,503	1,711,700	5,370,444
1,249,723	1,307,946	3,222,063	797,306	286,484	7,958,147	2,835	250,828	385,649	90,505	63,100	69,000	861,917	19,330	2,542,976	164,768	805,195	1,452,300	4,984,569
1,340,506	1,507,364	4,023,025	1,066,732	251,328	9,286,853	1,064	239,844	371,454	93,209	99,800	27,000	832,371	20,287	2,578,010	172,843	954,595	1,463,600	5,189,335
1,215,417	1,670,466	3,905,263	1,085,433	231,880	9,279,394	692	617,372	689,500	185,246	56,000	71,000	1,619,810	4,800	2,155,614	168,908	813,893	570,100	3,713,315
1,215,972	1,432,470	4,650,986	1,160,135	228,140	9,818,570	417	614,167	504,011	160,320	51,800	129,000	1,459,715	12,104	2,100,987	172,144	362,900	686,700	3,334,835
1,162,273	1,281,104	3,498,426	1,005,484	282,744	8,286,751	1,523	833,590	412,216	160,422	43,800	165,000	1,616,551	11,490	2,054,781	184,153	490,700	808,200	3,549,324
1,108,277	895,461	2,681,951	738,925	276,760	6,638,729	846	617,069	269,880	189,422	48,800	123,000	1,249,017	7,989	2,111,765	159,609	521,100	777,200	3,577,663
<b>15,133,931</b>	<b>14,841,808</b>	<b>39,776,779</b>	<b>9,710,930</b>	<b>3,327,104</b>	<b>95,508,665</b>	<b>58,484</b>	<b>5,925,928</b>	<b>4,877,329</b>	<b>2,935,539</b>	<b>658,000</b>	<b>1,106,000</b>	<b>15,561,280</b>	<b>641,717</b>	<b>29,638,303</b>	<b>2,279,312</b>	<b>9,125,109</b>	<b>15,882,700</b>	<b>57,567,141</b>
					6.74%							1.10%						4.06%
					9,818,570							1,777,259						6,257,882
					316,728							63,474						382,677
					6.66%							1.34%						8.05%
					261,668							42,634						157,718



						Residential							Smiths Grove			
MD- 5/8	MD- 1	MD- 2	MD- 3	Sub-Total	Commercial Sub-Total	RE- 5/8	RE- 1	RE- 2	Sub-Total	RN- 5/8	RN- 1	Sub-Total	Residential Sub-Total	SG- 5/8	SG- 1	SG- 2
-	-	-	-	-	14,044,141	32,453,990	582,867	21,300	33,058,157	-	-	-	33,058,157	1,290,626	211,429	261,502
-	-	-	-	-	15,825,861	30,078,123	499,396	10,700	30,588,219	1,787	-	1,787	30,590,006	2,143,700	215,784	276,777
-	-	-	-	-	13,449,031	29,377,873	492,434	15,700	29,886,007	57,910	-	57,910	29,943,917	1,337,512	199,010	229,226
-	-	-	-	-	13,318,609	29,534,528	517,102	14,600	30,066,230	210,665	-	210,665	30,276,895	1,295,136	204,503	229,304
-	-	-	-	-	14,542,388	31,873,313	624,343	9,900	32,507,556	1,782,861	14,567	1,797,428	34,304,984	1,489,197	224,081	259,279
-	-	-	-	-	14,583,399	38,025,110	802,508	14,300	38,841,918	3,595,608	17,766	3,613,374	42,455,292	1,331,917	209,455	250,552
-	-	-	-	-	13,869,404	37,369,185	868,636	15,300	38,253,121	3,557,554	31,733	3,589,287	41,842,408	1,478,248	351,223	246,127
-	24,432	-	-	24,432	15,408,165	34,791,860	730,024	13,000	35,534,884	3,810,405	33,248	3,843,653	39,378,537	1,309,181	315,115	226,157
12,225	537,161	116,844	752,500	1,418,730	16,091,159	35,162,124	725,599	12,600	35,900,323	4,257,266	42,104	4,299,370	40,199,693	1,409,773	313,874	237,181
14,700	561,987	562,207	789,500	1,928,394	16,612,986	34,855,164	699,772	13,100	35,568,036	4,429,978	44,794	4,474,772	40,042,808	1,290,857	311,506	264,836
15,191	577,603	613,215	859,000	2,065,009	15,579,774	31,708,122	572,202	16,100	32,296,424	2,887,246	28,921	2,916,167	35,212,591	1,226,712	277,688	250,655
10,264	591,157	619,924	797,000	2,018,345	13,547,213	28,913,136	502,245	18,900	29,434,281	2,692,401	29,680	2,722,081	32,156,362	1,329,211	291,699	286,913
<b>52,380</b>	<b>2,292,340</b>	<b>1,912,190</b>	<b>3,198,000</b>	<b>7,454,910</b>	<b>176,872,130</b>	<b>394,142,528</b>	<b>7,617,128</b>	<b>175,500</b>	<b>401,935,156</b>	<b>27,283,681</b>	<b>242,813</b>	<b>27,526,494</b>	<b>429,461,650</b>	<b>16,932,070</b>	<b>3,125,367</b>	<b>3,018,509</b>
				0.53%	12.49%				28.37%			1.94%	30.32%			
				2,065,009	19,995,468				38,841,918			4,474,772	43,316,690			
				68,834	834,188				1,294,731			144,347	1,439,078			
				1.45%	17.55%				27.24%			3.04%	30.28%			
				20,424	484,581				1,101,192			75,415	1,176,607			

Smiths Grove Sub-Total	Total
1,763,557	109,394,697
2,636,261	106,524,200
1,765,748	109,076,572
1,728,943	107,824,315
1,972,557	115,216,023
1,791,924	129,798,790
2,075,598	121,016,636
1,850,453	126,591,165
1,960,828	129,821,395
1,867,199	129,692,500
1,755,055	123,084,266
1,907,823	108,525,302
23,075,946	1,416,565,861
1.63%	100%
2,636,261	134,881,873
94,152	4,753,076
1.98%	100%
63,222	3,817,781

Monthly Sales for Test Year Adjusted	Days per Month	Industrial								Industrial Sub-Total	CH- 5/8	CH- 1	CH- 1.5	CH- 2	Sub-Total	CO- 5/8	CO- 1
		IN 5/8	IN 1	IN 1.5	IN 2	IN 3	IN 4	IN 6									
January '23	31	3,473	9,533,401	17,212	33,108,524	1,763,200	8,528,032	7,575,000	60,528,842	13,478	14,931	43,000	5,339	76,748	1,025,243	1,062,226	
February '23	28	4,786	10,210,837	18,505	30,943,486	1,912,100	7,740,358	6,642,000	57,472,072	8,470	6,757	47,000	6,162	68,389	1,114,727	1,295,725	
March '23	31	4,618	10,703,250	35,352	34,302,557	2,118,300	8,473,799	8,280,000	63,917,876	11,752	8,432	17,900	3,660	41,744	988,895	1,116,152	
April '23	30	4,034	10,609,100	49,014	33,940,804	2,264,800	8,002,116	7,630,000	62,499,868	10,097	7,368	39,600	4,352	61,417	1,057,565	1,138,483	
May '23	31	4,448	11,892,107	17,479	33,776,964	2,436,200	8,955,896	7,313,000	64,396,094	11,291	10,666	38,900	5,654	66,511	958,114	1,591,389	
June '23	30	4,516	10,708,562	13,050	39,414,631	1,999,300	9,131,116	9,697,000	70,968,175	11,930	31,375	19,900	5,195	68,400	1,085,169	1,637,788	
July '23	31	4,424	9,644,394	61,463	34,056,287	1,759,000	8,965,658	8,738,000	63,229,226	20,484	13,226	24,300	6,761	64,771	1,094,625	1,249,723	
August '23	31	3,849	11,568,744	24,152	35,988,636	1,638,900	11,388,729	9,341,000	69,954,010	15,950	9,468	29,000	20,756	75,174	1,097,898	1,340,506	
September '23	30	3,725	10,962,920	49,226	38,365,874	2,152,000	9,853,970	10,182,000	71,569,715	21,873	9,322	16,600	12,115	59,910	1,170,935	1,215,417	
October '23	31	3,909	11,188,269	36,777	38,902,206	2,094,300	9,156,046	9,788,000	71,169,507	10,315	7,892	20,700	32,565	71,472	1,130,867	1,215,972	
November '23	30	4,130	11,170,022	52,774	41,266,532	2,384,500	6,906,888	8,752,000	70,536,846	14,684	8,570	18,300	20,585	62,139	1,056,720	1,162,273	
December '23	31	5,871	9,863,270	33,327	35,871,431	1,669,200	6,538,805	6,932,000	60,913,904	14,649	7,556	15,100	26,154	63,459	937,355	1,108,277	
<b>Total</b>	<b>365</b>	<b>51,783</b>	<b>128,054,876</b>	<b>408,331</b>	<b>429,937,932</b>	<b>24,191,800</b>	<b>103,641,413</b>	<b>100,870,000</b>	<b>787,156,135</b>	<b>164,973</b>	<b>135,563</b>	<b>330,300</b>	<b>149,298</b>	<b>780,134</b>	<b>12,718,113</b>	<b>15,133,931</b>	
<b>% of Total</b>									<b>55.57%</b>					<b>0.06%</b>			
<b>Maximum Month</b>									<b>71,569,715</b>					<b>76,748</b>			
<b>Maximum Day</b>									<b>2,385,657</b>					<b>2,476</b>			
<b>Maximum Day %</b>									<b>50.19%</b>					<b>0.05%</b>			
<b>Average Day</b>									<b>2,156,592</b>					<b>2,137</b>			

Meter	5/8	1	1.5	2	3	4	6	Total
<b>Gallons</b>	<b>452,045,729</b>	<b>192,166,249</b>	<b>22,737,080</b>	<b>487,030,856</b>	<b>53,641,430</b>	<b>108,074,517</b>	<b>100,870,000</b>	<b>1,416,565,861</b>
<b>Average Gallons/ Month</b>	<b>4,062</b>	<b>31,138</b>	<b>44,935</b>	<b>336,587</b>	<b>443,319</b>	<b>1,114,171</b>	<b>7,759,239</b>	<b>-</b>
<b>% of Total</b>	<b>31.91%</b>	<b>13.57%</b>	<b>1.61%</b>	<b>34.38%</b>	<b>3.79%</b>	<b>7.63%</b>	<b>7.12%</b>	<b>100.00%</b>

Notes  
Data from Billing Analysis 2023 - Sewer.xlsx

**Commercial**

CO 1.5	CO 2	CO 3	CO 4	Sub-Total	GO- 5/8	GO 1	GO- 1.5	GO- 2	GO 3	GO- 4	Sub-Total	MF- 5/8	MF- 1	MF- 1.5	MF 2	MF- 3	Sub-Total	MD- 5/8
1,494,650	3,068,193	295,146	253,572	7,199,030	808	457,520	280,125	582,313	43,700	-	1,364,466	29,113	2,722,490	339,485	786,609	1,526,200	5,403,897	-
1,209,105	2,867,336	978,126	257,312	7,722,331	15,624	531,951	300,990	858,694	70,000	-	1,777,259	157,391	2,773,373	208,107	1,064,311	2,054,700	6,257,882	-
895,988	2,918,161	473,635	313,412	6,706,243	1,524	499,912	355,086	182,854	46,600	85,000	1,170,976	208,379	2,554,830	190,153	827,006	1,749,700	5,530,068	-
862,534	2,849,467	646,316	335,104	6,889,469	1,197	441,100	319,402	112,376	48,800	150,000	1,072,875	133,051	2,618,582	178,623	834,892	1,529,700	5,294,848	-
1,063,474	2,983,779	726,588	306,680	7,630,024	31,450	516,398	483,043	296,601	36,400	121,000	1,484,892	16,359	2,812,651	161,946	817,405	1,552,600	5,360,961	-
1,221,246	3,108,129	737,104	303,688	8,093,124	504	306,177	505,973	23,577	49,200	166,000	1,051,431	21,424	2,612,244	178,573	846,503	1,711,700	5,370,444	-
1,307,946	3,222,063	797,306	286,484	7,958,147	2,835	250,828	385,649	90,505	63,100	69,000	861,917	19,330	2,542,976	164,768	805,195	1,452,300	4,984,569	-
1,507,364	4,023,025	1,066,732	251,328	9,286,853	1,064	239,844	371,454	93,209	99,800	27,000	832,371	20,287	2,578,010	172,843	954,595	1,463,600	5,189,335	-
1,670,466	3,905,263	1,085,433	231,880	9,279,394	692	617,372	689,500	185,246	56,000	71,000	1,619,810	4,800	2,155,614	168,908	813,893	570,100	3,713,315	12,225
1,432,470	4,650,986	1,160,135	228,140	9,818,570	417	614,167	504,011	160,320	51,800	129,000	1,459,715	12,104	2,100,987	172,144	362,900	686,700	3,334,835	14,700
1,281,104	3,498,426	1,005,484	282,744	8,286,751	1,523	833,590	412,216	160,422	43,800	165,000	1,616,551	11,490	2,054,781	184,153	490,700	808,200	3,549,324	15,191
895,461	2,681,951	738,925	276,760	6,638,729	846	617,069	269,880	189,422	48,800	123,000	1,249,017	7,989	2,111,765	159,609	521,100	777,200	3,577,663	10,264
<b>14,841,808</b>	<b>39,776,779</b>	<b>9,710,930</b>	<b>3,327,104</b>	<b>95,508,665</b>	<b>58,484</b>	<b>5,925,928</b>	<b>4,877,329</b>	<b>2,935,539</b>	<b>658,000</b>	<b>1,106,000</b>	<b>15,561,280</b>	<b>641,717</b>	<b>29,638,303</b>	<b>2,279,312</b>	<b>9,125,109</b>	<b>15,882,700</b>	<b>57,567,141</b>	<b>52,380</b>
				6.74%							1.10%						4.06%	
				9,818,570							1,777,259						6,257,882	
				316,728							63,474						382,677	
				6.66%							1.34%						8.05%	
				261,668							42,634						157,718	

					Residential								Smiths Grove			
MD- 1	MD- 2	MD- 3	Sub-Total	Commercial Sub-Total	RE- 5/8	RE 1	RE- 2	Sub-Total	RN- 5/8	RN- 1	Sub-Total	Residential Sub-Total	SG- 5/8	SG- 1	SG- 2	Smiths Grove Sub-Total
-	-	-	-	14,044,141	32,453,990	582,867	21,300	33,058,157	-	-	-	33,058,157	1,290,626	211,429	261,502	1,763,557
-	-	-	-	15,825,861	30,078,123	499,396	10,700	30,588,219	1,787	-	1,787	30,590,006	2,143,700	215,784	276,777	2,636,261
-	-	-	-	13,449,031	29,377,873	492,434	15,700	29,886,007	57,910	-	57,910	29,943,917	1,337,512	199,010	229,226	1,765,748
-	-	-	-	13,318,609	29,534,528	517,102	14,600	30,066,230	210,665	-	210,665	30,276,895	1,295,136	204,503	229,304	1,728,943
-	-	-	-	14,542,388	31,873,313	624,343	9,900	32,507,556	1,782,861	14,567	1,797,428	34,304,984	1,489,197	224,081	259,279	1,972,557
-	-	-	-	14,583,399	38,025,110	802,508	14,300	38,841,918	3,595,608	17,766	3,613,374	42,455,292	1,331,917	209,455	250,552	1,791,924
-	-	-	-	13,869,404	37,369,185	868,636	15,300	38,253,121	3,557,554	31,733	3,589,287	41,842,408	1,478,248	351,223	246,127	2,075,598
24,432	-	-	24,432	15,408,165	34,791,860	730,024	13,000	35,534,884	3,810,405	33,248	3,843,653	39,378,537	1,309,181	315,115	226,157	1,850,453
537,161	116,844	752,500	1,418,730	16,091,159	35,162,124	725,599	12,600	35,900,323	4,257,266	42,104	4,299,370	40,199,693	1,409,773	313,874	237,181	1,960,828
561,987	562,207	789,500	1,928,394	16,612,986	34,855,164	699,772	13,100	35,568,036	4,429,978	44,794	4,474,772	40,042,808	1,290,857	311,506	264,836	1,867,199
577,603	613,215	859,000	2,065,009	15,579,774	31,708,122	572,202	16,100	32,296,424	2,887,246	28,921	2,916,167	35,212,591	1,226,712	277,688	250,655	1,755,055
591,157	619,924	797,000	2,018,345	13,547,213	28,913,136	502,245	18,900	29,434,281	2,692,401	29,680	2,722,081	32,156,362	1,329,211	291,699	286,913	1,907,823
<b>2,292,340</b>	<b>1,912,190</b>	<b>3,198,000</b>	<b>7,454,910</b>	<b>176,872,130</b>	<b>394,142,528</b>	<b>7,617,128</b>	<b>175,500</b>	<b>401,935,156</b>	<b>27,283,681</b>	<b>242,813</b>	<b>27,526,494</b>	<b>429,461,650</b>	<b>16,932,070</b>	<b>3,125,367</b>	<b>3,018,509</b>	<b>23,075,946</b>
			0.53%	12.49%				28.37%			1.94%	30.32%				1.63%
			2,065,009	19,995,468				38,841,918			4,474,772	43,316,690				2,636,261
			68,834	834,188				1,294,731			144,347	1,439,078				94,152
			1.45%	17.55%				27.24%			3.04%	30.28%				1.98%
			20,424	484,581				1,101,192			75,415	1,176,607				63,222

<b>Total</b>
109,394,697
106,524,200
109,076,572
107,824,315
115,216,023
129,798,790
121,016,636
126,591,165
129,821,395
129,692,500
123,084,266
108,525,302
1,416,565,861
100%
134,881,873
4,753,076
100%
3,817,781



# Appendix D. Allocated Utility Operation and Non-Operational Expenses





620-6002-3	620-6002-2	Materials & Supplies- T&D (Maint)	\$ 45,683	\$ 261,520	14.9%	85.1%	\$ 307,203	\$ 45,683	\$ 261,520	
632-5001-3	632-5001-2	Contract Accounting- T&D (Oper)	\$ 1,750	\$ 1,817	49.1%	50.9%	\$ 3,567	\$ 1,750	\$ 1,817	
632-6002-3	632-6002-2	Contract Accounting- T&D (Maint)	\$ 1,750	\$ 1,817	49.1%	50.9%	\$ 3,567	\$ 1,750	\$ 1,817	
633-5001-3	633-5001-2	Contract Legal- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
633-6002-3	633-6002-2	Contract Legal- T&D (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
635-5001-3	635-5001-2	Contract Other- T&D (Oper)	\$ 1,637	\$ 50,543	3.1%	96.9%	\$ 52,180	\$ 1,637	\$ 50,543	
635-6002-3	635-6002-2	Contract Other- T&D (Maint)	\$ 94,158	\$ 178,649	34.5%	65.5%	\$ 272,807	\$ 94,158	\$ 178,649	
641-5001-3	641-5001-2	Rent & Utilities- T&D (Oper)	\$ -	\$ 18,877	0.0%	100.0%	\$ 18,877	\$ -	\$ 18,877	
641-5031-3	641-5031-2	Rent & Utilities- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
650-5001-3	650-5001-2	Equipment Expense- T&D (Oper)	\$ 19,707	\$ 108,465	15.4%	84.6%	\$ 128,172	\$ 19,707	\$ 108,465	
650-6002-3	650-6002-2	Equipment Expense- T&D (Maint)	\$ 17,668	\$ 98,814	15.2%	84.8%	\$ 116,482	\$ 17,668	\$ 98,814	
657-5001-3	657-5001-2	Insurance G/L- T&D (Oper)	\$ 3,344	\$ 49,168	6.4%	93.6%	\$ 52,512	\$ 3,344	\$ 49,168	
659-5001-3	659-5001-2	Insurance Other- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
675-5001-3	675-5001-2	Misc Expense- T&D (Oper)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
675-6002-3	675-6002-2	Misc Expense- T&D (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
618-6002-3	-	Chemicals	\$ 30,983	\$ -	100.0%	0.0%	\$ 30,983	\$ 30,983	\$ -	
635-4002-3	635-4002-2	Contract Other- Water (Maint)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
		Payroll Taxes- T&D (Oper)	\$ 5,468	\$ 34,386	13.7%	86.3%	\$ 39,854	\$ 6,609	\$ 39,011	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Wages (OH)- T&D (Oper)	\$ 9,695	\$ 60,966	13.7%	86.3%	\$ 70,661	\$ 11,718	\$ 69,166	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Worker's Compensation- T&D (Oper)	\$ 356	\$ 2,236	13.7%	86.3%	\$ 2,591	\$ 430	\$ 2,536	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Fringe Benefits- Insurance- T&D (Oper)	\$ 7,669	\$ 48,229	13.7%	86.3%	\$ 55,898	\$ 8,867	\$ 52,188	
		Retirement- T&D (Oper)	\$ 12,704	\$ 79,891	13.7%	86.3%	\$ 92,595	\$ 15,355	\$ 90,636	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Payroll Taxes- T&D (Maint)	\$ 6,261	\$ 30,320	17.1%	82.9%	\$ 36,580	\$ 6,589	\$ 35,045	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Wages (OH)- T&D (Maint)	\$ 11,100	\$ 53,756	17.1%	82.9%	\$ 64,856	\$ 11,682	\$ 62,133	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Worker's Compensation- T&D (Maint)	\$ 407	\$ 1,971	17.1%	82.9%	\$ 2,378	\$ 428	\$ 2,279	COLA 3.241% + 2% Merit increase, Depreciation- Developments
		Fringe Benefits- Insurance- T&D (Maint)	\$ 8,781	\$ 42,525	17.1%	82.9%	\$ 51,306	\$ 8,781	\$ 46,923	Depreciation- Developments
		Retirement- T&D (Maint)	\$ 14,546	\$ 70,443	17.1%	82.9%	\$ 84,989	\$ 15,308	\$ 81,421	COLA 3.241% + 2% Merit increase, Depreciation- Developments
<b>Sub-Total</b>			<b>\$ 436,973</b>	<b>\$ 1,990,484</b>			<b>\$ 2,427,457</b>	<b>\$ 463,274</b>	<b>\$ 2,157,603</b>	
<b>Customer Accounts</b>										
601-7001-3	601-7001-2	Wages	\$ 85,005	\$ 528,041	13.9%	86.1%	\$ 613,046	\$ 128,783	\$ 623,912	COLA 3.241% + 2% Merit increase, New Employee Salaries
604-7001-3	604-7001-2	Employee Overhead	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase, New Employee Salaries
620-7001-3	620-7001-2	Materials & Supplies	\$ 454	\$ 17,514	2.5%	97.5%	\$ 17,968	\$ 454	\$ 17,514	
631-7001-3	631-7001-2	Contract Engineering	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
632-7001-3	632-7001-2	Contract Accounting	\$ 3,500	\$ 3,633	49.1%	50.9%	\$ 7,133	\$ 3,500	\$ 3,633	
633-7001-3	633-7001-2	Contract Legal	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
635-7001-3	635-7001-2	Contract Other	\$ 63,808	\$ 224,862	22.1%	77.9%	\$ 288,670	\$ 63,808	\$ 224,862	
641-7001-3	641-7001-2	Rent & Utilities	\$ -	\$ 28,725	0.0%	100.0%	\$ 28,725	\$ -	\$ 28,725	
641-7011-3	641-7011-2	Rent & Utilities	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	

650-7001-3	650-7001-2	Equipment Expenses	\$ 32	\$ 79,805	0.0%	100.0%	\$ 79,837	\$ 32	\$ 79,805	
657-7001-3	657-7001-2	Insurance G/L	\$ 3,344	\$ 5,784	36.6%	63.4%	\$ 9,128	\$ 3,344	\$ 5,784	
675-7001-3	675-7001-2	Misc Expense	\$ -	\$ 5,246	0.0%	100.0%	\$ 5,246	\$ -	\$ 5,246	
		Payroll Taxes	\$ 7,338	\$ 45,540	13.9%	86.1%	\$ 52,878	\$ 11,092	\$ 53,769	COLA 3.241% + 2% Merit increase, CSR Wages
		Wages	\$ 13,011	\$ 80,741	13.9%	86.1%	\$ 93,752	\$ 19,665	\$ 95,330	COLA 3.241% + 2% Merit increase, CSR Wages
		Worker's Compensation	\$ 477	\$ 2,961	13.9%	86.1%	\$ 3,438	\$ 721	\$ 3,496	COLA 3.241% + 2% Merit increase, CSR Wages
		Fringe Benefits- Insurance	\$ 10,292	\$ 63,872	13.9%	86.1%	\$ 74,164	\$ 15,017	\$ 72,066	CSR Wages
		Retirement	\$ 17,049	\$ 105,805	13.9%	86.1%	\$ 122,854	\$ 25,769	\$ 124,923	COLA 3.241% + 2% Merit increase, CSR Wages
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 204,311</b>	<b>\$ 1,192,529</b>			<b>\$ 1,396,840</b>	<b>\$ 272,185</b>	<b>\$ 1,339,065</b>	
<b>Admin &amp; General</b>										
601-8001-3	601-8001-2	Wages	\$ 95,687	\$ 482,363	16.6%	83.4%	\$ 578,050	\$ 136,400	\$ 625,593	COLA 3.241% + 2% Merit increase, New Employees
604-8001-3	604-8001-2	Employee Overhead	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
620-8001-3	620-8001-2	Materials & Supplies	\$ 7,022	\$ 31,108	18.4%	81.6%	\$ 38,130	\$ 7,022	\$ 31,108	
632-8001-3	632-8001-2	Contract Accounting	\$ 3,500	\$ 3,633	49.1%	50.9%	\$ 7,133	\$ 3,500	\$ 3,633	
633-8001-3	633-8001-2	Contract Legal	\$ 5,136	\$ 16,922	23.3%	76.7%	\$ 22,058	\$ 5,136	\$ 16,922	
635-8001-3	635-8001-2	Contract Other	\$ 67,075	\$ 318,815	17.4%	82.6%	\$ 385,890	\$ 67,075	\$ 318,815	
641-8001-3	641-8001-2	Rent & Utilities	\$ -	\$ 4,924	0.0%	100.0%	\$ 4,924	\$ -	\$ 4,924	
650-8001-3	650-8001-2	Equipment Expenses	\$ 213	\$ 9,716	2.1%	97.9%	\$ 9,929	\$ 213	\$ 9,716	
657-8001-3	657-8001-2	Insurance G/L	\$ 3,344	\$ 5,784	36.6%	63.4%	\$ 9,128	\$ 3,344	\$ 5,784	
659-8001-3	659-8001-2	Insurance Other	\$ 2,545	\$ 2,843	47.2%	52.8%	\$ 5,388	\$ 2,545	\$ 2,843	
675-8001-3	675-8001-2	Misc Expesne	\$ 17,777	\$ 50,260	26.1%	73.9%	\$ 68,037	\$ 17,777	\$ 50,260	
675-8011-3	675-8011-2	Misc Expense- Commissioner Fee	\$ 15,000	\$ 15,000	50.0%	50.0%	\$ 30,000	\$ 15,000	\$ 15,000	
604-8011-3	604-8011-2	Commissioner SS & Medicare	\$ -	\$ 2,295	0.0%	100.0%	\$ 2,295	\$ -	\$ 2,295	COLA 3.241% + 2% Merit increase
		Payroll Taxes	\$ 8,301	\$ 41,725	16.6%	83.4%	\$ 50,025	\$ 11,702	\$ 53,712	COLA 3.241% + 2% Merit increase, New Employees
		Wages	\$ 14,717	\$ 73,976	16.6%	83.4%	\$ 88,693	\$ 20,747	\$ 95,229	COLA 3.241% + 2% Merit increase, New Employees
		Worker's Compensation	\$ 540	\$ 2,713	16.6%	83.4%	\$ 3,253	\$ 761	\$ 3,492	COLA 3.241% + 2% Merit increase, New Employees
		Fringe Benefits- Insurance	\$ 11,642	\$ 58,521	16.6%	83.4%	\$ 70,163	\$ 15,802	\$ 72,266	New Employees
		Retirement	\$ 19,285	\$ 96,940	16.6%	83.4%	\$ 116,226	\$ 27,187	\$ 124,790	COLA 3.241% + 2% Merit increase, New Employees
		-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 271,784</b>	<b>\$ 1,217,538</b>			<b>\$ 1,489,322</b>	<b>\$ 334,211</b>	<b>\$ 1,436,383</b>	
<b>Unclassified</b>										
604-8200-3	604-8200-2	Employee Overhead- Reimbursement Acct	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase
615-5011-3	615-5011-2	Purchased Power- Master Mtrs	\$ -	\$ 4,902	0.0%	100.0%	\$ 4,902	\$ -	\$ 4,902	
-	615-7001-2	Purchased Power- Property	\$ -	\$ 2,376	0.0%	100.0%	\$ 2,376	\$ -	\$ 2,376	
-	415-0000-2	Reimbursement- Trucks & Equipment	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
-	416-0000-3	Expense - Trucks & Equipment	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
408-0000-3	408-0000-2	PSC Assessment	\$ 8,006	\$ 20,980	27.6%	72.4%	\$ 28,986	\$ 8,006	\$ 20,980	



			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
			\$ -	\$ -	-	-	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 1,918,276</b>	<b>\$ 3,763,349</b>			<b>\$ 5,681,625</b>	<b>\$ 2,163,615</b>	<b>\$ 4,435,642</b>	
<b>Interest Expense</b>										
427-3000-3	427-3000-2	Series 1970, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3001-3	427-3001-2	Series 1993, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3002-3	427-3002-2	Series 1995, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3003-3		KIA Russellville Rd	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3004-3		KIA Barren River Rd (A98-02)	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3005-3		2019 USDA	\$ 14,819	\$ -	100.0%	0.0%	\$ 14,819	\$ 17,783	\$ -	20% Debt Service Coverage
427-3007-3		Series 2003C, KRWFC	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3008-3		KIA, Buchanan Park (C11-02)	\$ 14,144	\$ -	100.0%	0.0%	\$ 14,144	\$ 14,071	\$ -	20% Debt Service Coverage
427-3009-3		Series 2013B, KRWFC	\$ 1,292	\$ -	100.0%	0.0%	\$ 1,292	\$ 984	\$ -	20% Debt Service Coverage
427-3010-3		KIA, Alvanton Area Improvement	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
427-3023-3		KIA, Plum Springs Rehab	\$ 36,109	\$ -	100.0%	0.0%	\$ 36,109	\$ 39,319	\$ -	20% Debt Service Coverage
427-3025-3		Series 2021A, KRWFC	\$ 35,129	\$ -	100.0%	0.0%	\$ 35,129	\$ 33,953	\$ -	20% Debt Service Coverage
427-3040-3		Series 2022D, KRWFC	\$ 277,409	\$ -	100.0%	0.0%	\$ 277,409	\$ 346,694	\$ -	20% Debt Service Coverage
427-4005-3		Consumer Deposits	\$ 4,926	\$ -	100.0%	0.0%	\$ 4,926	\$ 5,911	\$ -	20% Debt Service Coverage
427-5010-3		Other	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
429-1007-3		Amortized Debt Expense	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
429-1025-3		Am Prem/Disc-KRWFC, Series 2021A	\$ (12,259)	\$ -	100.0%	0.0%	\$ (12,259)	\$ (12,259)	\$ -	
	427-3003-2	Series 2004A, Refunding	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3004-2	KIA, So KY Industrial/Hwy 31W	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3005-2	KIA, So KY Industrial Park	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3006-2	Series 2005A, USDA	\$ -	\$ 39,540	0.0%	100.0%	\$ 39,540	\$ -	\$ 45,220	20% Debt Service Coverage
	427-3007-2	-	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3008-2	Series 1998, Refunding	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3009-2	Series 1998B, Revenue	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3010-2	Series 1999 A, USDA	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3011-2	KRWFC 2003, KRWFC	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3012-2	Series 2003C, KRWFC	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	427-3013-2	Series 2013B, KRWFC	\$ -	\$ 18,892	0.0%	100.0%	\$ 18,892	\$ -	\$ 13,960	20% Debt Service Coverage
	427-3014-2	Series 2016B, KRWFC	\$ -	\$ 37,922	0.0%	100.0%	\$ 37,922	\$ -	\$ 37,068	20% Debt Service Coverage
	427-3020-2	KIA Morgantown Rd Improvements	\$ -	\$ 54,693	0.0%	100.0%	\$ 54,693	\$ -	\$ 65,632	20% Debt Service Coverage
	427-3036-2	Series 2021A, KRWFC	\$ -	\$ 43,655	0.0%	100.0%	\$ 43,655	\$ -	\$ 39,785	20% Debt Service Coverage
	427-3036-2	Series 2022D, KRWFC	\$ -	\$ 104,697	0.0%	100.0%	\$ 104,697	\$ -	\$ 130,846	20% Debt Service Coverage
	427-4005-2	Consumer Deposits	\$ -	\$ 15,005	0.0%	100.0%	\$ 15,005	\$ -	\$ 15,005	20% Debt Service Coverage
	427-5010-2	Other	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1004-2	Amortized Prem/Disc Exp- Rev Bonds, Series 2004A	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1005-2	Amortized Prem/Disc Exp- KRWFC, Series 2006A	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1006-2	Amortized Prem/Disc Exp- KRWFC, Series 2012B	\$ -	\$ -	-	-	\$ -	\$ -	\$ -	20% Debt Service Coverage
	429-1007-2	Amortized Prem/Disc Exp- KRWFC, Series 2013B	\$ -	\$ 844	0.0%	100.0%	\$ 844	\$ -	\$ 1,013	20% Debt Service Coverage
	429-1008-2	Amortized Prem/Disc Exp- KRWFC, Series 2016B	\$ -	\$ (1,973)	0.0%	100.0%	\$ (1,973)	\$ -	\$ (1,973)	
	429-1036-2	Amortized Prem/Disc Exp- KRWFC, Series 2021A	\$ -	\$ (11,561)	0.0%	100.0%	\$ (11,561)	\$ -	\$ (11,561)	





# Appendix E. Allocated Utility Revenues

		Water & Sewer System Revenue Allocation		Allocated Test Year		Allocation Percent		Test Year	Test Year w/ Defined Adjustments		Comments
Code		Item		Sewer	Water	Sewer	Water	Combined	Sewer	Water	
Sewer	Water	Metered Revenue									
460-0000-3	460-0000-2	Unmetered Revenue-Check Valves		\$ -	\$ -			\$ -	\$ -	\$ -	
461-0001-3	461-0001-2	Metered Revenue-Residential		\$ 2,606,013	\$ 10,121,995	20.5%	79.5%	\$ 12,728,008	\$ 2,606,013	\$ 10,121,995	
461-0002-3	461-0002-2	Metered Revenue-Commercial		\$ 847,443	\$ 2,805,185	23.2%	76.8%	\$ 3,652,628	\$ 847,443	\$ 2,805,185	
461-0003-3	461-0003-2	Metered Revenue-Industrial		\$ 2,690,800	\$ 2,971,463	47.5%	52.5%	\$ 5,662,263	\$ 2,690,800	\$ 2,971,463	
461-0004-3	461-0004-2	Metered Revenue-City/County/State/Fed		\$ -	\$ -			\$ -	\$ -	\$ -	
461-0005-3	461-0005-2	Metered Revenue-Mult Family		\$ -	\$ -			\$ -	\$ -	\$ -	
461-0006-3	461-0006-2	Metered Revenue-Bulk Loading		\$ -	\$ -			\$ -	\$ -	\$ -	
461-0033-3	461-0033-2	Metered Revenue-Agricultural		\$ -	\$ 20,811	0.0%	100.0%	\$ 20,811	\$ -	\$ 20,811	
461-0101-3	461-0101-2	Unbilled Revenue-Residential		\$ -	\$ -			\$ -	\$ -	\$ -	
461-0102-3	461-0102-2	Unbilled Revenue-Commercial & Industrial		\$ -	\$ -			\$ -	\$ -	\$ -	
461-0000-3	461-0000-2	Metered Revenue-Fire Protect		\$ -	\$ 161,466	0.0%	100.0%	\$ 161,466	\$ -	\$ 161,466	
461-0000-3	461-0000-2	Metered Revenue-Irrigation		\$ -	\$ -			\$ -	\$ -	\$ -	
461-0000-3	461-0000-2	Metered Revenue-Leak Adjusts		\$ -	\$ 1,981	0.0%	100.0%	\$ 1,981	\$ -	\$ 1,981	
		<b>Sub-Total</b>		<b>\$ 6,144,256</b>	<b>\$ 16,082,901</b>			<b>\$ 22,227,157</b>	<b>\$ 6,144,256</b>	<b>\$ 16,082,901</b>	
		<b>Interest Income</b>									
419-0000-3	419-0000-2	Interest Income-Sinking/Misc		\$ 101,016	\$ 54,565	64.9%	35.1%	\$ 155,581	\$ 101,016	\$ 54,565	
419-0002-3	419-0003-2	Interest Income-Depreciation Reserve		\$ -	\$ (102)	0.0%	100.0%	\$ (102)	\$ -	\$ (102)	
-	419-0004-2	Interest Income-DSR (SC Bank)		\$ -	\$ -			\$ -	\$ -	\$ -	
-	419-0008-2	Interest Income-Depreciation Reserve		\$ -	\$ 48,048	0.0%	100.0%	\$ 48,048	\$ -	\$ 48,048	
419-0001-3	419-0008-2	Interest Income-Depreciation Reserve		\$ 204,033	\$ 156,561	56.6%	43.4%	\$ 360,594	\$ 204,033	\$ 156,561	
-	419-0009-2	Interest Income-Customer Deposits		\$ -	\$ -			\$ -	\$ -	\$ -	
-	419-0001-2	Interest Income-Depreciation Reserve Fund		\$ -	\$ -			\$ -	\$ -	\$ -	
419-0002-3	-	Interest Income-Customer Deposits		\$ -	\$ -			\$ -	\$ -	\$ -	
419-0002-3	-	Interest Income-Customer Deposits		\$ 127,309	\$ -	100.0%	0.0%	\$ 127,309	\$ 127,309	\$ -	
		<b>Sub-Total</b>		<b>\$ 432,358</b>	<b>\$ 259,072</b>			<b>\$ 691,430</b>	<b>\$ 432,358</b>	<b>\$ 259,072</b>	
		<b>Unclassified</b>									
470-000-3	470-0000-2	Fortified Discounts		\$ 84,207	\$ 207,919	28.8%	71.2%	\$ 292,126	\$ 84,207	\$ 207,919	
471-0000-3	471-0000-2	Misc Service Revenue		\$ 33,870	\$ 267,538	11.2%	88.8%	\$ 301,408	\$ 33,870	\$ 267,538	
474-0000-3	474-0000-2	Other Water Revenue		\$ 600	\$ 600	50.0%	50.0%	\$ 1,200	\$ 600	\$ 600	
474-0001-3	474-0001-2	Other Water Revenue-Meter Reading		\$ -	\$ -			\$ -	\$ -	\$ -	
472-0000-3	472-0000-2	Rental Revenue-District Property		\$ (14,876)	\$ 136,825	-12.2%	112.2%	\$ 121,949	\$ (14,876)	\$ 136,825	
	421-0000-2	Non-Utility Income-Southern Recycling		\$ -	\$ -			\$ -	\$ -	\$ -	
	421-0002-2	Non-Utility Income-Storm Water Agency		\$ -	\$ 70,540	0.0%	100.0%	\$ 70,540	\$ -	\$ 70,540	
414-0000-3	414-0000-2	Disposition - Gains / (Losses)		\$ -	\$ 32,445	0.0%	100.0%	\$ 32,445	\$ -	\$ 32,445	
		<b>Sub-Total</b>		<b>\$ 103,801</b>	<b>\$ 715,867</b>			<b>\$ 819,668</b>	<b>\$ 103,801</b>	<b>\$ 715,867</b>	
		<b>Total</b>		<b>\$ 6,680,415</b>	<b>\$ 17,057,840</b>			<b>\$ 23,738,255</b>	<b>\$ 6,680,415</b>	<b>\$ 17,057,840</b>	

Notes

Data from 2023 Financials - Water Division Revenue & Expenses FINAL.pdf

Data from 2023 Financials - Sewer Division Revenue & Expenses FINAL.pdf



# Appendix F. Sewer Collection and Disposal Calculated Allocations



**Allocation Methods**

Test Year	GPD	GPM
Average Day	3,881,002	2,695
Maximum Day	4,326,626	3,005

Allocation Factors Based on Expense Type for Service	Service Function	Base	Max Day / Extra Capacity	Customer Costs
Avg Day Only	AD	100.0%	0%	0%
Avg Day + Max Day	ADM	89.7%	10.3%	0%
Customer Costs	CC	0%	0%	100.0%

Test Year - User Allocations for Service Functions (Distribution)	Churches & Community Center	Commercial	Government	Industrial	Multi-Family Non Domicile (MF)	Multi-Family Domicile (MD)	Residential Non-Domicile (RN)	Residential Domicile (RE)	Smiths Grove	Total
Base	0.06%	6.74%	1.10%	55.57%	4.06%	0.53%	1.94%	28.37%	1.63%	100.0%
Maximum Day	0.05%	6.66%	1.34%	50.19%	8.05%	1.45%	3.04%	27.24%	1.98%	100.0%
Customer Class	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0%

Test Year - User Allocations for Service Functions (Distribution)	Industrial	Commercial	Residential	Smiths Grove	Total
Base	55.57%	12.49%	30.32%	1.63%	100.0%
Maximum Day	50.19%	17.55%	30.28%	1.98%	100.0%
Customer Class	55.6%	12.49%	30.32%	1.63%	100.0%

Notes

Calculated from Billing Analysis 2023 - Sewer.xlsx

**Allocation Methods**

Test Year Adjusted	GPD	GPM
Average Day	3,881,002	2,695
Maximum Day	4,326,626	3,005

Allocation Factors Based on Expense Type for Service Functions	Service Function	Base	Max Day / Extra Capacity	Customer Costs
Avg Day Only	AD	100.0%	0%	0%
Avg Day + Max Day	ADM	89.7%	10.3%	0%
Customer Costs	CC	0%	0%	100.0%

Test Year Adjusted User Allocations for Service Functions (Distribution)	Churches & Community Center	Commercial	Government	Industrial	Multi-Family Non Domicile	Multi-Family Domicile	Residential Non-Domicile	Residential Domicile	Smiths Grove	Total
Base	0.06%	6.74%	1.10%	55.57%	4.06%	0.53%	1.94%	28.37%	1.63%	100.0%
Maximum Day	0.1%	6.66%	1.34%	50.19%	8.05%	1.45%	3.04%	27.24%	1.98%	100.0%
Customer Class	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.0%

Test Year Adjusted User Allocations for Service Functions (Distribution)	Industrial	Commercial	Residential	Smiths Grove	Total
Base	55.57%	12.49%	30.32%	1.63%	100.0%
Maximum Day	50.19%	17.55%	30.28%	1.98%	100.0%
Customer Class	55.6%	12.49%	30.32%	1.63%	100.0%

Notes

Calculated from 2023 Monthly Sales & Disposal - Sewer



# Appendix G. Sewer System Cost-of-Service by Function

Water System Cost of Service by Function for Test Year	Source	Transmission & Distribution	Customer Accounts	Admin & General	Unclassified	Depreciation Expense	Interest Expense	Debt Expense	Test Year Amount <sup>1</sup>	Industrial	Commerical	Residential	Smiths Grove
Item													
Base	\$ 3,177,376	\$ 433,782	\$ 204,311	\$ 271,784	\$ (27,244)	\$ 1,918,276	\$ 371,569	\$ 245,097	\$ 6,594,951	\$ 3,664,677	\$ 823,444	\$ 1,999,398	\$ 107,432
Maximum Day	\$ 363,771	\$ 3,191	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 366,962	\$ 184,185	\$ 64,404	\$ 111,104	\$ 7,269
Customer Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 3,541,147</b>	<b>\$ 436,973</b>	<b>\$ 204,311</b>	<b>\$ 271,784</b>	<b>\$ (27,244)</b>	<b>\$ 1,918,276</b>	<b>\$ 371,569</b>	<b>\$ 245,097</b>	<b>\$ 6,961,913</b>	<b>\$ 3,848,862</b>	<b>\$ 887,848</b>	<b>\$ 2,110,502</b>	<b>\$ 114,701</b>
<b>Percent</b>									<b>100.0%</b>	<b>55.3%</b>	<b>12.8%</b>	<b>30.3%</b>	<b>1.6%</b>

Notes

Allocated from 2023 Financials - Sewer Division Revenue & Expenses Final.pdf

Water System Cost of Service by Function for Test Year Adjusted	Source	Transmission & Distribution	Customer Accounts	Admin & General	Unclassified	Depreciation Expense	Interest Expense	Debt Expense	Test Year Amount <sup>1</sup>	Industrial	Commerical	Residential	Smiths Grove
Item													
Base	\$ 3,177,376	\$ 460,083	\$ 272,185	\$ 334,211	\$ 16,480	\$ 2,163,615	\$ 446,456	\$ 295,809	\$ 7,166,215	\$3,982,116	\$ 894,772	\$2,172,588	\$116,738
Maximum Day	\$ 363,771	\$ 3,191	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 366,962	\$ 184,185	\$ 64,404	\$ 111,104	\$ 7,269
Customer Costs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 3,541,147</b>	<b>\$ 463,274</b>	<b>\$ 272,185</b>	<b>\$ 334,211</b>	<b>\$ 16,480</b>	<b>\$ 2,163,615</b>	<b>\$ 446,456</b>	<b>\$ 295,809</b>	<b>\$ 7,533,177</b>	<b>\$4,166,302</b>	<b>\$ 959,176</b>	<b>\$2,283,693</b>	<b>\$124,007</b>
<b>Percent</b>									<b>100.0%</b>	<b>55.3%</b>	<b>12.7%</b>	<b>30.3%</b>	<b>1.6%</b>

Notes

Allocated from 2023 Financials - Sewer Division Revenue & Expenses Final.pdf



# Appendix H. Sewer System Category Cost-of-Service by Customer Class

	Water System Cost of Service by Function for Test Year		Test Year Adjusted	Service Function	Base	Maximum Day	Customer Costs	Notes
	Item	Source						
Sewer	Source							
601-1001-3	Wages- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
601-2002-3	Wages- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
604-1001-3	Employee Overhead- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- Source		\$ 157,890	ADM	\$ 141,628	\$ 16,262	\$ -	
-	Purchased Power- Source (ENERNOC)		\$ -	ADM	\$ -	\$ -	\$ -	
620-1001-3	Materials & Supplies- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
620-2002-3	Materials & Supplies- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
631-1001-3	Contract Engineering- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
632-1001-3	Contract Accounting- Source (Oper)		\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
632-2002-3	Contract Accounting- Source (Maint)		\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
633-1001-3	Contract Legal- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
633-2002-3	Contract Legal- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
635-1001-3	Contract Other- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
635-1021-3	Contract Other- Source (Alarm)		\$ -	AD	\$ -	\$ -	\$ -	
635-2002-3	Contract Other- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
641-1001-3	Rent & Utilities- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
650-1001-3	Equipment Expense- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
650-2002-3	Equipment Expense- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
657-1001-3	Insurance G/L- Source (Oper)		\$ 5,742	AD	\$ 5,742	\$ -	\$ -	
659-1001-3	Insurance Other- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
675-1001-3	Misc Expense- Source (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
675-2002-3	Misc Expense- Source (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
610-1001-3	Purchased Water		\$ 3,377,072	ADM	\$ 3,029,248	\$ 347,824	\$ -	
610-1100-3	Purchased Water - Unbilled (BGMU)		\$ (3,057)	ADM	\$ (2,742)	\$ (315)	\$ -	
-	Purchased Power Water Treat		\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
-			\$ -	AD	\$ -	\$ -	\$ -	
<b>Sub-Total</b>			<b>\$ 3,541,147</b>		<b>\$ 3,177,376</b>	<b>\$ 363,771</b>	<b>\$ -</b>	
<b>Transmission &amp; Distribution</b>								
601-5001-3	Wages- T&D (Oper)		\$ 63,630	AD	\$ 63,630	\$ -	\$ -	
601-6002-3	Wages- T&D (Maint)		\$ 73,232	AD	\$ 73,232	\$ -	\$ -	
604-5001-3	Employee Overhead T&D (Oper)		\$ -	AD	\$ -	\$ -	\$ -	
604-6001-3	Employee Overhead- T&D (Maint)		\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- T&D		\$ -	AD	\$ -	\$ -	\$ -	
-	Purchased Power- T&D (ENERNOC)		\$ -	AD	\$ -	\$ -	\$ -	
620-5001-3	Materials & Supplies- T&D (Oper)		\$ 6,445	AD	\$ 6,445	\$ -	\$ -	
620-6002-3	Materials & Supplies- T&D (Maint)		\$ 45,683	AD	\$ 45,683	\$ -	\$ -	
632-5001-3	Contract Accounting- T&D (Oper)		\$ 1,750	AD	\$ 1,750	\$ -	\$ -	

632-6002-3	Contract Accounting- T&D (Maint)	\$ 1,750	AD	\$ 1,750	\$ -	\$ -
633-5001-3	Contract Legal- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
633-6002-3	Contract Legal- T&D (Maint)	\$ -	AD	\$ -	\$ -	\$ -
635-5001-3	Contract Other- T&D (Oper)	\$ 1,637	AD	\$ 1,637	\$ -	\$ -
635-6002-3	Contract Other- T&D (Maint)	\$ 94,158	AD	\$ 94,158	\$ -	\$ -
641-5001-3	Rent & Utilities- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
641-5031-3	Rent & Utilities- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
650-5001-3	Equipment Expense- T&D (Oper)	\$ 19,707	AD	\$ 19,707	\$ -	\$ -
650-6002-3	Equipment Expense- T&D (Maint)	\$ 17,668	AD	\$ 17,668	\$ -	\$ -
657-5001-3	Insurance G/L- T&D (Oper)	\$ 3,344	AD	\$ 3,344	\$ -	\$ -
659-5001-3	Insurance Other- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
675-5001-3	Misc Expense- T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -
675-6002-3	Misc Expense- T&D (Maint)	\$ -	AD	\$ -	\$ -	\$ -
618-6002-3	Chemicals	\$ 30,983	ADM	\$ 27,792	\$ 3,191	\$ -
635-4002-3	Contract Other- Water (Maint)	\$ -	AD	\$ -	\$ -	\$ -
	Payroll Taxes- T&D (Oper)	\$ 5,468	AD	\$ 5,468	\$ -	\$ -
	Wages (OH)- T&D (Oper)	\$ 9,695	AD	\$ 9,695	\$ -	\$ -
	Worker's Compensation- T&D (Oper)	\$ 356	AD	\$ 356	\$ -	\$ -
	Fringe Benefits- Insurance- T&D (Oper)	\$ 7,669	AD	\$ 7,669	\$ -	\$ -
	Retirement- T&D (Oper)	\$ 12,704	AD	\$ 12,704	\$ -	\$ -
	Payroll Taxes- T&D (Maint)	\$ 6,261	AD	\$ 6,261	\$ -	\$ -
	Wages (OH)- T&D (Maint)	\$ 11,100	AD	\$ 11,100	\$ -	\$ -
	Worker's Compensation- T&D (Maint)	\$ 407	AD	\$ 407	\$ -	\$ -
	Fringe Benefits- Insurance- T&D (Maint)	\$ 8,781	AD	\$ 8,781	\$ -	\$ -
	Retirement- T&D (Maint)	\$ 14,546	AD	\$ 14,546	\$ -	\$ -
	<b>Sub-Total</b>	<b>\$ 436,973</b>		<b>\$ 433,782</b>	<b>\$ 3,191</b>	<b>\$ -</b>
	<b>Customer Accounts</b>					
601-7001-3	Wages	\$ 85,005	AD	\$ 85,005	\$ -	\$ -
604-7001-3	Employee Overhead	\$ -	AD	\$ -	\$ -	\$ -
620-7001-3	Materials & Supplies	\$ 454	AD	\$ 454	\$ -	\$ -
631-7001-3	Contract Engineering	\$ -	AD	\$ -	\$ -	\$ -
632-7001-3	Contract Accounting	\$ 3,500	AD	\$ 3,500	\$ -	\$ -
633-7001-3	Contract Legal	\$ -	AD	\$ -	\$ -	\$ -
635-7001-3	Contract Other	\$ 63,808	AD	\$ 63,808	\$ -	\$ -
641-7001-3	Rent & Utilities	\$ -	AD	\$ -	\$ -	\$ -
641-7011-3	Rent & Utilities	\$ -	AD	\$ -	\$ -	\$ -
650-7001-3	Equipment Expenses	\$ 32	AD	\$ 32	\$ -	\$ -
657-7001-3	Insurance G/L	\$ 3,344	AD	\$ 3,344	\$ -	\$ -
675-7001-3	Misc Expense	\$ -	AD	\$ -	\$ -	\$ -
	Payroll Taxes	\$ 7,338	AD	\$ 7,338	\$ -	\$ -
	Wages	\$ 13,011	AD	\$ 13,011	\$ -	\$ -
	Worker's Compensation	\$ 477	AD	\$ 477	\$ -	\$ -
	Fringe Benefits- Insurance	\$ 10,292	AD	\$ 10,292	\$ -	\$ -
	Retirement	\$ 17,049	AD	\$ 17,049	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	<b>Sub-Total</b>	<b>\$ 204,311</b>		<b>\$ 204,311</b>	<b>\$ -</b>	<b>\$ -</b>



		<b>Admin &amp; General</b>					
601-8001-3	Wages	\$ 95,687	AD	\$ 95,687	\$ -	\$ -	
604-8001-3	Employee Overhead	\$ -	AD	\$ -	\$ -	\$ -	
620-8001-3	Materials & Supplies	\$ 7,022	AD	\$ 7,022	\$ -	\$ -	
632-8001-3	Contract Accounting	\$ 3,500	AD	\$ 3,500	\$ -	\$ -	
633-8001-3	Contract Legal	\$ 5,136	AD	\$ 5,136	\$ -	\$ -	
635-8001-3	Contract Other	\$ 67,075	AD	\$ 67,075	\$ -	\$ -	
641-8001-3	Rent & Utilities	\$ -	AD	\$ -	\$ -	\$ -	
650-8001-3	Equipment Expenses	\$ 213	AD	\$ 213	\$ -	\$ -	
657-8001-3	Insurance G/L	\$ 3,344	AD	\$ 3,344	\$ -	\$ -	
659-8001-3	Insurance Other	\$ 2,545	AD	\$ 2,545	\$ -	\$ -	
675-8001-3	Misc Expesne	\$ 17,777	AD	\$ 17,777	\$ -	\$ -	
675-8011-3	Misc Expense- Commissioner Fee	\$ 15,000	AD	\$ 15,000	\$ -	\$ -	
604-8011-3	Commissioner SS & Medicare	\$ -	AD	\$ -	\$ -	\$ -	
	Payroll Taxes	\$ 8,301	AD	\$ 8,301	\$ -	\$ -	
	Wages	\$ 14,717	AD	\$ 14,717	\$ -	\$ -	
	Worker's Compensation	\$ 540	AD	\$ 540	\$ -	\$ -	
	Fringe Benefits- Insurance	\$ 11,642	AD	\$ 11,642	\$ -	\$ -	
	Retirement	\$ 19,285	AD	\$ 19,285	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	<b>Sub-Total</b>	<b>\$ 271,784</b>		<b>\$ 271,784</b>	<b>\$ -</b>	<b>\$ -</b>	
		<b>Unclassified</b>					
604-8200-3	Employee Overhead- Reimbursement Acct	\$ -	AD	\$ -	\$ -	\$ -	
615-5011-3	Purchased Power- Master Mtrs	\$ -	AD	\$ -	\$ -	\$ -	
-	Purchased Power- Property	\$ -	AD	\$ -	\$ -	\$ -	
-	Reimbursement- Trucks & Equipment	\$ -	AD	\$ -	\$ -	\$ -	
-	Expense - Trucks & Equipment	\$ -	AD	\$ -	\$ -	\$ -	
408-0000-3	PSC Assessment	\$ 8,006	AD	\$ 8,006	\$ -	\$ -	
670-7001-3	Bad Debt Expense	\$ 4,466	AD	\$ 4,466	\$ -	\$ -	
670-7010-3	Bad Debt Expense	\$ -	AD	\$ -	\$ -	\$ -	
675-7021-3	Misc Expense- Cash Over/Short (CIS)	\$ -	AD	\$ -	\$ -	\$ -	
675-7025-3	Misc Expense- Customer FB (CIS)	\$ -	AD	\$ -	\$ -	\$ -	
421-0000-3	Non-Utility Income	\$ (4)	AD	\$ (4)	\$ -	\$ -	
421-0001-3	Non-Utility Income- Miscellaneous	\$ -	AD	\$ -	\$ -	\$ -	
426-0000-3	Unrealized (Gain)/Loss on Investments	\$ (39,712)	AD	\$ (39,712)	\$ -	\$ -	
	Rate Case Expenses	\$ -	AD	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	-	\$ -	AD	\$ -	\$ -	\$ -	
	<b>Sub-Total</b>	<b>\$ (27,244)</b>		<b>\$ (27,244)</b>	<b>\$ -</b>	<b>\$ -</b>	
		<b>Depreciation Expense</b>					
403-3041-3	Improvement (Land)	\$ 1,764	AD	\$ 1,764	\$ -	\$ -	



427-4005-3	Consumer Deposits	\$ 4,926	AD	\$ 4,926	\$ -	\$ -
427-5010-3	Other	\$ -	AD	\$ -	\$ -	\$ -
429-1007-3	Amortized Debt Expense	\$ -	AD	\$ -	\$ -	\$ -
429-1025-3	Am Prem/Disc-KRWFC, Series 2021A	\$ (12,259)	AD	\$ (12,259)	\$ -	\$ -
	Series 2004A, Refunding	\$ -	AD	\$ -	\$ -	\$ -
	KIA, So KY Industrial/Hwy 31W	\$ -	AD	\$ -	\$ -	\$ -
	KIA, So KY Industrial Park	\$ -	AD	\$ -	\$ -	\$ -
	Series 2005A, USDA	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	Series 1998, Refunding	\$ -	AD	\$ -	\$ -	\$ -
	Series 1998B, Revenue	\$ -	AD	\$ -	\$ -	\$ -
	Series 1999 A, USDA	\$ -	AD	\$ -	\$ -	\$ -
	KRWFC 2003, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2003C, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2013B, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2016B, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	KIA Morgantown Rd Improvements	\$ -	AD	\$ -	\$ -	\$ -
	Series 2021A, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Series 2022D, KRWFC	\$ -	AD	\$ -	\$ -	\$ -
	Consumer Deposits	\$ -	AD	\$ -	\$ -	\$ -
	Other	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- Rev Bonds, Series 2004A	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2006A	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2012B	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2013B	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2016B	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Prem/Disc Exp- KRWFC, Series 2021A	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	-	\$ -	AD	\$ -	\$ -	\$ -
	<b>Sub-Total</b>	<b>\$ 371,569</b>		<b>\$ 371,569</b>	<b>\$ -</b>	<b>\$ -</b>
	<b>Debt Expense</b>					
428-0000-3	Amortized Debt Expense	\$ -	AD	\$ -	\$ -	\$ -
	Amortized Debt Gain/Loss KRWFC Series 2016B	\$ -	AD	\$ -	\$ -	\$ -
428-1025-3	Amortized Debt Gain/Loss KRWFC Series 2021A	\$ -	AD	\$ -	\$ -	\$ -
428-2000-3	Amortized Debt Expense	\$ (7,049)	AD	\$ (7,049)	\$ -	\$ -
	Debt Issuance Expense	\$ -	AD	\$ -	\$ -	\$ -
604-8300-3	OPEB Expense	\$ 8,618	AD	\$ 8,618	\$ -	\$ -
	Bonds- Series 2020, USDA	\$ 7,500	AD	\$ 7,500	\$ -	\$ -
	Loan- KIA, Buchanon Park (C11-02)	\$ 40,587	AD	\$ 40,587	\$ -	\$ -
	Loan- Series 2013B, RWFA	\$ 9,871	AD	\$ 9,871	\$ -	\$ -
	Loan - KIA, Plum Springs Rehab (B19-006)	\$ 85,570	AD	\$ 85,570	\$ -	\$ -
	Loan- Series 2021A, KRWFC	\$ 100,000	AD	\$ 100,000	\$ -	\$ -

Loan- Series 2022D, KRWFC	\$ -	AD	\$ -	\$ -	\$ -	\$ -
Bond- Series 2005A, USDA (RD)	\$ -	AD	\$ -	\$ -	\$ -	\$ -
Loan- Series 2013B, KRWFC	\$ -	AD	\$ -	\$ -	\$ -	\$ -
Loan- Series 2016B, KRWFC	\$ -	AD	\$ -	\$ -	\$ -	\$ -
Loan- Series 2020 KIA	\$ -	AD	\$ -	\$ -	\$ -	\$ -
Loan- Series 2021A KRWFC	\$ -	AD	\$ -	\$ -	\$ -	\$ -
-	\$ -	AD	\$ -	\$ -	\$ -	\$ -
-	\$ -	AD	\$ -	\$ -	\$ -	\$ -
<b>Sub-Total</b>	<b>\$ 245,097</b>		<b>\$ 245,097</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Total</b>	<b>\$ 6,961,913</b>		<b>\$ 6,594,951</b>	<b>\$ 366,962</b>	<b>\$ -</b>	<b>\$ -</b>

Notes

Data adjusted from WCWD Revenue & Expenses Detail- Sewer

Water System Cost of Service by Function for Test Year Adjusted		Test Year Adjusted	Service Function	Base	Maximum Day	Customer Costs	Notes
	Item						
Sewer	Source						
601-1001-3	Wages- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	COLA 3.241% + 2% Merit increase COLA 3.241% + 2% Merit increase COLA 3.241% + 2% Merit increase
601-2002-3	Wages- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
604-1001-3	Employee Overhead- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- Source	\$ 157,890	ADM	\$ 141,628	\$ 16,262	\$ -	
-	Purchased Power- Source (ENERNOC)	\$ -	ADM	\$ -	\$ -	\$ -	
620-1001-3	Materials & Supplies- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
620-2002-3	Materials & Supplies- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
631-1001-3	Contract Engineering- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
632-1001-3	Contract Accounting- Source (Oper)	\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
632-2002-3	Contract Accounting- Source (Maint)	\$ 1,750	AD	\$ 1,750	\$ -	\$ -	
633-1001-3	Contract Legal- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
633-2002-3	Contract Legal- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
635-1001-3	Contract Other- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
635-1021-3	Contract Other- Source (Alarm)	\$ -	AD	\$ -	\$ -	\$ -	
635-2002-3	Contract Other- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
641-1001-3	Rent & Utilities- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
650-1001-3	Equipment Expense- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
650-2002-3	Equipment Expense- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
657-1001-3	Insurance G/L- Source (Oper)	\$ 5,742	AD	\$ 5,742	\$ -	\$ -	
659-1001-3	Insurance Other- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
675-1001-3	Misc Expense- Source (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
675-2002-3	Misc Expense- Source (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
610-1001-3	Purchased Water	\$ 3,377,072	ADM	\$ 3,029,248	\$ 347,824	\$ -	
610-1100-3	Purchased Water - Unbilled (BGMU)	\$ (3,057)	ADM	\$ (2,742)	\$ (315)	\$ -	
-	Purchased Power Water Treat	\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
-		\$ -	AD	\$ -	\$ -	\$ -	
<b>Sub-Total</b>		<b>\$ 3,541,147</b>		<b>\$ 3,177,376</b>	<b>\$ 363,771</b>	<b>\$ -</b>	
<b>Transmission &amp; Distribution</b>							
601-5001-3	Wages- T&D (Oper)	\$ 77,313	AD	\$ 77,313	\$ -	\$ -	COLA 3.241% + 2% Merit increase, New Employee Salaries COLA 3.241% + 2% Merit increase, New Employee Salaries COLA 3.241% + 2% Merit increase COLA 3.241% + 2% Merit increase
601-6002-3	Wages- T&D (Maint)	\$ 77,070	AD	\$ 77,070	\$ -	\$ -	
604-5001-3	Employee Overhead T&D (Oper)	\$ -	AD	\$ -	\$ -	\$ -	
604-6001-3	Employee Overhead- T&D (Maint)	\$ -	AD	\$ -	\$ -	\$ -	
615-5001-3	Purchased Power- T&D	\$ -	AD	\$ -	\$ -	\$ -	
-	Purchased Power- T&D (ENERNOC)	\$ -	AD	\$ -	\$ -	\$ -	
620-5001-3	Materials & Supplies- T&D (Oper)	\$ 6,445	AD	\$ 6,445	\$ -	\$ -	



641-7011-3	Rent & Utilities	\$	-	AD	\$	-	\$	-	\$	-
650-7001-3	Equipment Expenses	\$	32	AD	\$	32	\$	-	\$	-
657-7001-3	Insurance G/L	\$	3,344	AD	\$	3,344	\$	-	\$	-
675-7001-3	Misc Expense	\$	-	AD	\$	-	\$	-	\$	-
	Payroll Taxes	\$	11,092	AD	\$	11,092	\$	-	\$	-
	Wages	\$	19,665	AD	\$	19,665	\$	-	\$	-
	Worker's Compensation	\$	721	AD	\$	721	\$	-	\$	-
	Fringe Benefits- Insurance	\$	15,017	AD	\$	15,017	\$	-	\$	-
	Retirement	\$	25,769	AD	\$	25,769	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	<b>Sub-Total</b>	<b>\$</b>	<b>272,185</b>		<b>\$</b>	<b>272,185</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>
	<b>Admin &amp; General</b>									
601-8001-3	Wages	\$	136,400	AD	\$	136,400	\$	-	\$	-
604-8001-3	Employee Overhead	\$	-	AD	\$	-	\$	-	\$	-
620-8001-3	Materials & Supplies	\$	7,022	AD	\$	7,022	\$	-	\$	-
632-8001-3	Contract Accounting	\$	3,500	AD	\$	3,500	\$	-	\$	-
633-8001-3	Contract Legal	\$	5,136	AD	\$	5,136	\$	-	\$	-
635-8001-3	Contract Other	\$	67,075	AD	\$	67,075	\$	-	\$	-
641-8001-3	Rent & Utilities	\$	-	AD	\$	-	\$	-	\$	-
650-8001-3	Equipment Expenses	\$	213	AD	\$	213	\$	-	\$	-
657-8001-3	Insurance G/L	\$	3,344	AD	\$	3,344	\$	-	\$	-
659-8001-3	Insurance Other	\$	2,545	AD	\$	2,545	\$	-	\$	-
675-8001-3	Misc Expesne	\$	17,777	AD	\$	17,777	\$	-	\$	-
675-8011-3	Misc Expense- Commissioner Fee	\$	15,000	AD	\$	15,000	\$	-	\$	-
604-8011-3	Commissioner SS & Medicare	\$	-	AD	\$	-	\$	-	\$	-
	Payroll Taxes	\$	11,702	AD	\$	11,702	\$	-	\$	-
	Wages	\$	20,747	AD	\$	20,747	\$	-	\$	-
	Worker's Compensation	\$	761	AD	\$	761	\$	-	\$	-
	Fringe Benefits- Insurance	\$	15,802	AD	\$	15,802	\$	-	\$	-
	Retirement	\$	27,187	AD	\$	27,187	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	<b>Sub-Total</b>	<b>\$</b>	<b>334,211</b>		<b>\$</b>	<b>334,211</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>
	<b>Unclassified</b>									
604-8200-3	Employee Overhead- Reimbursement Acct	\$	-	AD	\$	-	\$	-	\$	-
615-5011-3	Purchased Power- Master Mtrs	\$	-	AD	\$	-	\$	-	\$	-
-	Purchased Power- Property	\$	-	AD	\$	-	\$	-	\$	-
-	Reimbursement- Trucks & Equipment	\$	-	AD	\$	-	\$	-	\$	-
-	Expense - Trucks & Equipment	\$	-	AD	\$	-	\$	-	\$	-
408-0000-3	PSC Assessment	\$	8,006	AD	\$	8,006	\$	-	\$	-
670-7001-3	Bad Debt Expense	\$	4,466	AD	\$	4,466	\$	-	\$	-
670-7010-3	Bad Debt Expense	\$	-	AD	\$	-	\$	-	\$	-
675-7021-3	Misc Expense- Cash Over/Short (CIS)	\$	-	AD	\$	-	\$	-	\$	-
675-7025-3	Misc Expense- Customer FB (CIS)	\$	-	AD	\$	-	\$	-	\$	-
421-0000-3	Non-Utility Income	\$	(4)	AD	\$	(4)	\$	-	\$	-
421-0001-3	Non-Utility Income- Miscellaneous	\$	-	AD	\$	-	\$	-	\$	-

COLA 3.241% + 2% Merit increase, CSR Wages  
COLA 3.241% + 2% Merit increase, CSR Wages  
COLA 3.241% + 2% Merit increase, CSR Wages  
CSR Wages  
COLA 3.241% + 2% Merit increase, CSR Wages

COLA 3.241% + 2% Merit increase, New Employees  
COLA 3.241% + 2% Merit increase

COLA 3.241% + 2% Merit increase  
COLA 3.241% + 2% Merit increase, New Employees  
COLA 3.241% + 2% Merit increase, New Employees  
COLA 3.241% + 2% Merit increase, New Employees  
New Employees  
COLA 3.241% + 2% Merit increase, New Employees

COLA 3.241% + 2% Merit increase

426-0000-3	Unrealized (Gain)/Loss on Investments	\$	(39,712)	AD	\$	(39,712)	\$	-	\$	-	
	Rate Case Expenses	\$	43,724	AD	\$	43,724	\$	-	\$	-	Legal fee, HDR fees, Publication Costs (Distributed over 3 years)
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	<b>Sub-Total</b>	<b>\$</b>	<b>16,480</b>		<b>\$</b>	<b>16,480</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>	
	<b>Depreciation Expense</b>										
403-3041-3	Improvement (Land)	\$	1,764	AD	\$	1,764	\$	-	\$	-	
403-3043-3	Structures	\$	473,530	AD	\$	473,530	\$	-	\$	-	Depreciation-Developments
403-3044-3	Office Building	\$	86,689	AD	\$	86,689	\$	-	\$	-	
403-3112-3	Equip (Elec Plumbing)	\$	86,600	AD	\$	86,600	\$	-	\$	-	
403-3304-3	Standpipes	\$	-	AD	\$	-	\$	-	\$	-	
403-3314-3	Mains (T&D)	\$	986,946	AD	\$	986,946	\$	-	\$	-	Depreciation-Developments, Transpark 2 Upgrade
403-3324-3	SCADA	\$	135,055	AD	\$	135,055	\$	-	\$	-	Depreciation- SCADA Upgrade
403-3334-3	Meters (Services)	\$	278,938	AD	\$	278,938	\$	-	\$	-	Depreciation-Developments
403-3344-3	Meters	\$	67,295	AD	\$	67,295	\$	-	\$	-	
403-3345-3	Meters (Installations)	\$	1,661	AD	\$	1,661	\$	-	\$	-	MCO
403-3354-3	Hydrants	\$	-	AD	\$	-	\$	-	\$	-	Depreciation-Developments, Transpark 2 Upgrade
403-3392-3	Equipment (Plumbing)	\$	-	AD	\$	-	\$	-	\$	-	
403-3400-3	Software	\$	37,002	AD	\$	37,002	\$	-	\$	-	Billing Software
403-3401-3	Hardware	\$	3,278	AD	\$	3,278	\$	-	\$	-	
403-3402-3	Datamatic	\$	-	AD	\$	-	\$	-	\$	-	
403-3405-3	Furniture & Equipment	\$	1,092	AD	\$	1,092	\$	-	\$	-	
403-3415-3	Trucks & Equipment	\$	-	AD	\$	-	\$	-	\$	-	
403-3435-3	Equipment (Tools)	\$	950	AD	\$	950	\$	-	\$	-	
403-3465-3	Equip (Communication)	\$	2,814	AD	\$	2,814	\$	-	\$	-	
403-9000-3	Depreciation Expense (Old)	\$	-	AD	\$	-	\$	-	\$	-	
-	Structures	\$	-	AD	\$	-	\$	-	\$	-	Depreciation- Transpark 2 Tank
	505 Hwy 31 W (Block Bldg)	\$	-	AD	\$	-	\$	-	\$	-	
	505 Hwy 31 W (Rental Bldg)	\$	-	AD	\$	-	\$	-	\$	-	
	Equipment	\$	-	AD	\$	-	\$	-	\$	-	
	Unidentified Assets	\$	-	AD	\$	-	\$	-	\$	-	
	Equipment (T&D)	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	-	\$	-	AD	\$	-	\$	-	\$	-	
	<b>Sub-Total</b>	<b>\$</b>	<b>2,163,615</b>		<b>\$</b>	<b>2,163,615</b>	<b>\$</b>	<b>-</b>	<b>\$</b>	<b>-</b>	
	<b>Interest Expense</b>										
427-3000-3	Series 1970, USDA	\$	-	AD	\$	-	\$	-	\$	-	20% Debt Service Coverage





Debt Expense										
428-0000-3	Amortized Debt Expense	\$	-	AD	\$	-	\$	-	\$	-
-	Amortized Debt Gain/Loss KRWFC Series 2016B	\$	-	AD	\$	-	\$	-	\$	-
428-1025-3	Amortized Debt Gain/Loss KRWFC Series 2021A	\$	-	AD	\$	-	\$	-	\$	-
428-2000-3	Amortized Debt Expense	\$	(7,049)	AD	\$	(7,049)	\$	-	\$	-
-	Debt Issuance Expense	\$	-	AD	\$	-	\$	-	\$	-
604-8300-3	OPEB Expense	\$	8,618	AD	\$	8,618	\$	-	\$	-
	Bonds- Series 2020, USDA	\$	9,800	AD	\$	9,800	\$	-	\$	-
	Loan- KIA, Buchanon Park (C11-02)	\$	51,727	AD	\$	51,727	\$	-	\$	-
	Loan- Series 2013B, RWFA	\$	11,845	AD	\$	11,845	\$	-	\$	-
	Loan - KIA, Plum Springs Rehab (B19-006)	\$	106,868	AD	\$	106,868	\$	-	\$	-
	Loan- Series 2021A, KRWFC	\$	114,000	AD	\$	114,000	\$	-	\$	-
	Loan- Series 2022D, KRWFC	\$	-	AD	\$	-	\$	-	\$	-
	Bond- Series 2005A, USDA (RD)	\$	-	AD	\$	-	\$	-	\$	-
	Loan- Series 2013B, KRWFC	\$	-	AD	\$	-	\$	-	\$	-
	Loan- Series 2016B, KRWFC	\$	-	AD	\$	-	\$	-	\$	-
	Loan- Series 2020 KIA	\$	-	AD	\$	-	\$	-	\$	-
	Loan- Series 2021A KRWFC	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	-	\$	-	AD	\$	-	\$	-	\$	-
	<b>Sub-Total</b>	\$	<b>295,809</b>		\$	<b>295,809</b>	\$	<b>-</b>	\$	<b>-</b>
	<b>Total</b>	\$	<b>7,533,177</b>		\$	<b>7,166,215</b>	\$	<b>366,962</b>	\$	<b>-</b>

20% Debt Service Coverage  
20% Debt Service Coverage  
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20% Debt Service Coverage

Notes  
Data adjusted from WCWD Revenue & Expenses Detail- Sewer



# Appendix I. Summary of Cost-of-Service and Revenue Requirements

Test Year Financial Summary	Cost of Service		Sewer Sales Revenue		Other Revenues	Total Revenue	Surplus / (Deficit)	Potential Rate Increase		Total revenues w/ Rate Increase	Surplus / (Deficit)
	Amount	%	Amount	%	Amount	Amount	Amount	Amount	%	Amount	Amount
<b>WCWD</b>											
<b>Industrial</b>	\$3,848,862	55.3%	\$2,612,332	42.52%	\$ 227,957	\$ 2,840,289	\$ (1,008,573)	\$ 119,675	4.58%	\$ 2,959,965	\$ (888,897)
<b>Commercial</b>	\$887,848	12.8%	\$823,064	13.40%	\$ 71,822	\$ 894,886	\$ 7,038	\$ 37,706	4.58%	\$ 932,592	\$ 44,744
<b>Residential</b>	\$2,110,502	30.3%	\$2,528,833	41.16%	\$ 220,671	\$ 2,749,504	\$ 639,002	\$ 115,850	4.58%	\$ 2,865,354	\$ 754,852
<b>Smiths Grove</b>	\$114,701	1.6%	\$180,027	2.93%	\$ 15,728	\$ 195,755	\$ 81,054	\$ 8,247	4.58%	\$ 204,002	\$ 89,301
	<b>\$6,961,913</b>	<b>100.0%</b>	<b>\$6,144,256</b>	<b>100.0%</b>	<b>\$ 536,178</b>	<b>\$ 6,680,434</b>	<b>\$ (281,479)</b>	<b>\$ 281,479</b>	<b>4.58%</b>	<b>\$ 6,961,913</b>	<b>\$ -</b>

Test Year Financial Summary (Values Per 1,000 Gallons Sold)	Cost of Service per 1,000 gallons sold	Water Sales Revenue per 1,000 gallons sold	Surplus / (Deficit) per 1,000 gallons sold	Approx. Current Bill per 1000 gal	Revenue Based on Sales	Revenue Based on Sales minus Cost of Service
	Amount	Amount	Amount	Amount	Amount	Amount
<b>WCWD</b>	\$ 4.91	\$ 4.34	\$ (0.58)	\$ 5.40	\$ 7,649,456	\$ 687,543
<b>Industrial</b>	\$ 4.89	\$ 3.32	\$ (1.57)	\$ 4.79	\$ 3,770,478	\$ (78,384)
<b>Commercial</b>	\$ 5.02	\$ 4.65	\$ (0.37)	\$ 6.08	\$ 1,075,383	\$ 187,535
<b>Residential</b>	\$ 4.91	\$ 5.89	\$ 0.97	\$ 6.08	\$ 2,611,127	\$ 500,625
<b>Smiths Grove</b>	\$ 4.97	\$ 7.80	\$ 2.83	\$ 7.87	\$ 181,608	\$ 66,906

**SEWER RATE SCHEDULE  
WARREN COUNTY WATER DISTRICT**

**MONTHLY GENERAL SERVICE SEWER RATES**

5/8 X 3/4 INCH METER

First	2,000 Gallons	*\$12.25 Minimum Bill
Next	6,000 Gallons	5.30 per 1,000 Gallons
Next	12,000 Gallons	4.16 per 1,000 Gallons
Next	80,000 Gallons	3.86 per 1,000 Gallons
All Over	100,000 Gallons	3.36 per 1,000 Gallons

\*\$12.25 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	28.14 Minimum Bill
1-1/2" First	10,000 Gallons	52.17 Minimum Bill
2" First	16,000 Gallons	76.50 Minimum Bill
3" First	30,000 Gallons	129.29 Minimum Bill
4" First	50,000 Gallons	202.39 Minimum Bill
6" First	100,000 Gallons	385.14 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.

**MONTHLY GENERAL SERVICE SEWER RATES  
FOR USERS INSIDE THE CITY OF SMITHS GROVE**

5/8 X 3/4 INCH METER

First	2,000 Gallons	*\$18.94 Minimum Bill
Next	6,000 Gallons	5.47 per 1,000 Gallons
Next	12,000 Gallons	5.26 per 1,000 Gallons
Next	80,000 Gallons	4.64 per 1,000 Gallons
All Over	100,000 Gallons	4.24 per 1,000 Gallons

\*\$18.94 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	35.35 Minimum Bill
1-1/2" First	10,000 Gallons	62.29 Minimum Bill
2" First	16,000 Gallons	92.84 Minimum Bill
3" First	30,000 Gallons	161.34 Minimum Bill
4" First	50,000 Gallons	254.17 Minimum Bill
6" First	100,000 Gallons	486.22 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.

Test Year Adjusted Financial Summary	Cost of Service		Sewer Sales Revenue		Other Revenues	Total Revenue	Surplus / (Deficit)	Potential Rate Increase		Total Revenues w/ Rate Increase	Surplus / (Deficit)
	Amount	%	Amount	%	Amount	Amount	Amount	Amount	%	Amount	Amount
<b>WCWD</b>											
Industrial	\$4,166,302	55.31%	\$2,612,332	42.5%	\$ 227,957	\$ 2,840,289	\$ (1,326,012)	\$ 362,566	13.88%	\$ 3,202,855	\$ (963,446)
Commercial	\$959,176	12.73%	\$823,064	13.4%	\$ 71,822	\$ 894,886	\$ (64,290)	\$ 114,233	13.88%	\$ 1,009,119	\$ 49,943
Residential	\$2,283,693	30.32%	\$2,528,833	41.2%	\$ 220,671	\$ 2,749,504	\$ 465,811	\$ 350,977	13.88%	\$ 3,100,481	\$ 816,788
Smiths Grove	\$124,007	1.65%	\$180,027	2.9%	\$ 15,709	\$ 195,736	\$ 71,729	\$ 24,986	13.88%	\$ 220,722	\$ 96,715
<b>Sub-Total</b>	<b>\$7,533,177</b>	<b>100.00%</b>	<b>\$6,144,256</b>	<b>100.0%</b>	<b>\$ 536,159</b>	<b>\$ 6,680,415</b>	<b>\$ (852,762)</b>	<b>\$ 852,762</b>	<b>13.88%</b>	<b>\$ 7,533,177</b>	<b>\$ -</b>

Test Year Financial Summary (Values Per 1,000 Gallons)	Cost of Service per 1,000 gallons sold	Water Sales Revenue per 1,000 gallons sold	Surplus / (Deficit) per 1,000 gallons sold	Approx. Current Bill per 1000 gal	Revenue Based on Sales	Revenue Based on Sales minus Cost of Service
	Amount	Amount	Amount	Amount	Amount	Amount
<b>WCWD</b>	<b>\$ 5.32</b>	<b>\$ 4.34</b>	<b>\$ (0.98)</b>	<b>\$ 5.40</b>	<b>\$ 7,649,456</b>	<b>\$ 116,278</b>
Industrial	\$ 5.29	\$ 3.32	\$ (1.97)	\$ 3.42	\$ 2,692,074	\$ (1,474,228)
Commercial	\$ 5.42	\$ 4.65	\$ (0.77)	\$ 4.79	\$ 847,218	\$ (111,958)
Residential	\$ 5.32	\$ 5.89	\$ 0.57	\$ 6.07	\$ 2,606,832	\$ 323,139
Smiths Grove	\$ 5.37	\$ 7.80	\$ 2.43	\$ 7.87	\$ 181,608	\$ 57,601

**MONTHLY GENERAL SERVICE SEWER RATES FOR USERS INSIDE THE CITY OF SMITHS GROVE**

**5/8 X 3/4 INCH METER**

First	2,000 Gallons	*\$18.94 Minimum Bill
Next	6,000 Gallons	5.47 per 1,000 Gallons
Next	12,000 Gallons	5.26 per 1,000 Gallons
Next	80,000 Gallons	4.64 per 1,000 Gallons
All Over	100,000 Gallons	4.24 per 1,000 Gallons

\*\$18.94 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	35.35 Minimum Bill
1-1/2" First	10,000 Gallons	62.29 Minimum Bill
2" First	16,000 Gallons	92.84 Minimum Bill
3" First	30,000 Gallons	161.34 Minimum Bill
4" First	50,000 Gallons	254.17 Minimum Bill
6" First	100,000 Gallons	486.22 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.

**SEWER RATE SCHEDULE WARREN COUNTY WATER DISTRICT**

**MONTHLY GENERAL SERVICE SEWER RATES**

**5/8 X 3/4 INCH METER**

First	2,000 Gallons	*\$12.25 Minimum Bill
Next	6,000 Gallons	5.30 per 1,000 Gallons
Next	12,000 Gallons	4.16 per 1,000 Gallons
Next	80,000 Gallons	3.86 per 1,000 Gallons
All Over	100,000 Gallons	3.36 per 1,000 Gallons

\*\$12.25 Minimum Bill shown above applies only to 5/8 x 3/4-inch meters. The minimum bills listed below will apply to all other meter sizes.

1" First	5,000 Gallons	28.14 Minimum Bill
1-1/2" First	10,000 Gallons	52.17 Minimum Bill
2" First	16,000 Gallons	76.50 Minimum Bill
3" First	30,000 Gallons	129.29 Minimum Bill
4" First	50,000 Gallons	202.39 Minimum Bill
6" First	100,000 Gallons	385.14 Minimum Bill

The rates to be charged for water used in excess of the minimum usage amount are the same regardless of meter size. All rates are subject to a 10 percent penalty if paid after the due date.



# Appendix J. Known and Measurables

**SEWER DIVISION**

No	Description	Amount
1	New Employees - Wages	\$ 46,046
2	New Employees - Employee Overhead	25,077
3	Customer Service - Wages Previously Capitalized in Base Year	39,323
4	Customer Service - Benefits	22,111
5	Depreciation Expense - Developments	100,494
6	Depreciation Expense - Capital Projects	98,241
	TOTAL	<u>\$ 331,292</u>



# Appendix K. Proposed Sewer Rate Schedule





Warren County Existing					
5/8" X 3/4" Rate Table			1" - 6" Minimum Rate Table		
Gallons	Rate	Multiplier	Size	Gallons	Minimum
2,000	12.25		1"	5,000	28.14
6,000	5.3	0.0053	1-1/2"	10,000	52.17
12,000	4.16	0.00416	2"	16,000	76.5
80,000	3.86	0.00386	3"	30,000	129.29
100,000	3.36	0.00336	4"	50,000	202.39
			6"	100,000	385.14

Smiths Grove Existing					
5/8" X 3/4" Rate Table			1"-6" Minimum Rate Table		
Gallons	Rate	Multiplier	Size	Gallons	Minimum
2,000	18.94		1"	5,000	35.35
6,000	5.47	0.00547	1-1/2"	10,000	62.29
12,000	5.26	0.00526	2"	16,000	92.84
80,000	4.64	0.00464	3"	30,000	161.34
100,000	4.24	0.00424	4"	50,000	254.17
			6"	100,000	486.22

Warren County Proposed (Combined)					
5/8" X 3/4" Rate Table			1" - 10" Minimum Rate Table		
Gallons	Rate	Multiplier	Size	Gallons	Minimum
2,000	13.49		1"	5,000	31.01
8,000	5.84	0.00584	1-1/2"	10,000	60.21
90,000	4.59	0.00459	2"	20,000	106.11
900,000	4.25	0.00425	3"	30,000	152.01
1,000,000	3.85	0.00385	4"	50,000	243.81
			6"	100,000	473.31
			8"	150,000	685.81
			10"	250,000	1110.81

# **EXHIBIT 19**

# **EXHIBIT 19A**

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Summary of Revenue & Expense (Adjusted)**  
December 31, 2023

	<u>ACTUAL</u>	<u>ADJUSTMENT</u>	<u>PRO FORMA</u>
OPERATING REVENUE:			
Metered Revenue	\$ 6,097,840		\$ 6,097,840
Forfeited Discounts	84,207		84,207
Miscellaneous Service Revenue	33,870		33,870
Other Water Revenue	600		600
Interest Income	432,359		432,359
Rental Income	(14,876)		(14,876)
Disposition Gain \ (Losses)	-		-
<b>TOTAL Operating Revenue</b>	<b>6,634,000</b>		<b>6,634,000</b>
OPERATING EXPENSES:			
Salaries and Wages	\$ 317,555	102,012	\$ 419,567
Commissioner Fees	15,000		15,000
Employee Overhead	179,639	54,590	234,229
Sewage Disposal	3,374,015		3,374,015
Purchased Power	157,890		157,890
Chemicals	30,983		30,983
Materials & Supplies	59,604		59,604
Contractual Servs - Engineering	-		-
Contractual Servs - Accounting	14,000		14,000
Contractual Servs - Legal	5,136		5,136
Contractual Servs - Other	226,678		226,678
Rental of Building & Utilities	-		-
Equipment Expense	37,618		37,618
Insurance - General Liability	15,775		15,775
Insurance - Other	2,545		2,545
Regulatory Expense	8,006		8,006
Bad Debt Expense	4,466		4,466
Miscellaneous Expenses	17,777		17,777
<b>SUBTOTAL - Operating Expenses</b>	<b>4,466,687</b>		<b>4,623,289</b>
OTHER EXPENSES:			
Depreciation	\$ 1,918,276	245,339	\$ 2,163,615
Misc Non-Operating Income	(4)	4	0
Unrealized (Gain) \ Loss	(39,712)		(39,712)
Interest Expense	371,569		371,569
Debt Expense	(7,049)		(7,049)
OPEB Expense	8,618		8,618
<b>Subtotal - Other Expenses</b>	<b>2,251,699</b>		<b>2,497,042</b>
<b>TOTAL Expenses</b>	<b>6,718,386</b>		<b>7,120,331</b>
<b>NET INCOME \ (LOSS)</b>	<b>\$ (84,386)</b>		<b>\$ (486,331)</b>

# **EXHIBIT 19B**

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Balance Sheet (Adjusted)**  
December 31, 2023

	ACTUAL	ADJUSTMENT	PRO FORMA
<b>ASSETS AND OTHER DEBITS</b>			
UTILITY PLANT:			
Utility Plant in Service	\$ 87,244,808	410,579	\$ 87,655,387
Construction Work in Progress	1,794,480		1,794,480
Less Accumulated Depreciation	(20,395,223)	(245,339)	(20,640,562)
<b>TOTAL UTILITY PLANT</b>	<b>68,644,065</b>		<b>68,809,305</b>
<b>OTHER PROPERTY AND INVESTMENTS</b>			
Depreciation Reserve	6,838,127	(111,152)	6,726,975
Sinking Funds:			
KIA Loan, Buchanon Park	1,782		1,782
KIA Loan, Plum Springs Rehabilitation	5,418		5,418
USDA, Series 2019	28,968		28,968
KRWFC Loan, Series 2021A	128,144		128,144
KRWFC Loan, Series 2021A	304,414		304,414
Total Sinking Funds	468,726		468,726
Debt Service Reserve	-		-
Special Funds:			
Construction Accounts	6,749,881	(299,427)	6,450,454
Letter of Credit (KEDFA)	292,433		292,433
Customer Deposits	440,122		440,122
Total Special Funds	7,482,435		7,183,008
<b>TOTAL OTHER PROPERTY AND INVESTMENTS</b>	<b>14,789,288</b>		<b>14,378,709</b>
<b>CURRENT AND ACCRUED ASSETS:</b>			
Cash - General Operations	1,905,302	(156,606)	1,748,696
Accounts Receivable - Customer	677,784		677,784
Accounts Receivable - Misc	734,412		734,412
Prepayments	15,669		15,669
Deferred Debits	7,889		7,889
Other Current Assets	60,446		60,446
<b>TOTAL CURRENT AND ACCRUED ASSETS</b>	<b>3,401,503</b>		<b>3,244,897</b>
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>\$ 86,834,856</b>		<b>\$ 86,432,911</b>

WARREN COUNTY WATER DISTRICT  
SEWER DIVISION  
**Balance Sheet (Adjusted)**  
December 31, 2023

	<u>ACTUAL</u>	<u>ADJUSTMENT</u>	<u>PRO FORMA</u>
LIABILITIES AND OTHER CREDITS			
CAPITAL:			
Contributions in Aid of Construction	\$ 66,131,016		\$ 66,131,016
Customer Advance for Construction	1,527,790		1,527,790
<b>TOTAL CAPITAL</b>	<b><u>67,658,806</u></b>		<b><u>67,658,806</u></b>
LONG TERM DEBT:			
Bonds Held by Public:			
USDA (RD), Series 2019	623,000		623,000
Long Term Loans:			
KIA Loan, Buchanon Park	452,763		452,763
KIA Loan, Plum Springs Rehabilitation	1,748,314		1,748,314
KRWFC Loan, Series 2013B	41,229		41,229
KRWFC Loan, Series 2021A	1,070,000		1,070,000
KRWFC Loan, Series 2022D	7,754,620		7,754,620
Total Long Term Loans	<u>11,066,925</u>		<u>11,066,925</u>
<b>TOTAL LONG TERM DEBT</b>	<b><u>11,689,925</u></b>		<b><u>11,689,925</u></b>
CURRENT AND ACCRUED LIABILITIES:			
Accounts Payable - General	711,424		711,424
Customer Deposits	419,272		419,272
Interest - Customer Deposits	-		-
Taxes and Equivalents	13,166		13,166
Deferred Credits	67,995		67,995
Total Current Liabilities	<u>1,211,857</u>		<u>1,211,857</u>
Interest Accrued - Long Term Debt:			
KIA Loan, Buchanon Park	1,132		1,132
KRWFC Loan, Series 2013B	528		528
KIA Loan, Plum Springs Rehabilitation	2,914		2,914
USDA, Series 2019	7,421		7,421
KRWFC Loan, Series 2021A	14,490		14,490
KRWFC Loan, Series 2022D	120,380		120,380
KRWFC Loan, Series 2022D (Arbitrage)	96,623		96,623
Total Interest Accrued - Long Term Debt	<u>243,487</u>		<u>243,487</u>
<b>TOTAL CURRENT AND ACCRUED LIABILITIES</b>	<b><u>1,455,344</u></b>		<b><u>1,455,344</u></b>
ACCUMULATED EARNINGS:			
Beginning of Year	6,115,167		6,115,167
Current Year to Date	<u>(84,386)</u>	(401,945)	<u>(486,331)</u>
<b>TOTAL ACCUMULATED EARNINGS</b>	<b><u>6,030,781</u></b>		<b><u>5,628,836</u></b>
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>	<b><u>\$ 86,834,856</u></b>		<b><u>\$ 86,432,911</u></b>

# **EXHIBIT 20**





# **EXHIBIT 21**

## PROPOSED PROFORMA ADJUSTMENTS FOR PLANT ADDITIONS

Warren County Water District-Sewer Division proposes to adjust depreciation expense to reflect the addition of the following plant:

Asset	Construction Start	Proposed In Service Date	CWIP 12/31/23	Final Cost	Service Life (Yrs)	Annual Depreciation Expense
SCADA System Upgrade	May 2023	June 2024	\$926,717	\$1,226,145	10	\$ 22,615
Billing System Upgrade	Aug 2023	May 2025	\$ 0.00	\$ 111,152	5	\$ 22,230
Subdivision Transfers* <b>Structures</b>	Various Dates Jul 23 – Apr 24	Various Dates Jul 23 – Apr 24	\$ 0.00	\$ 446,000	35	\$ 7,433
Subdivision Transfers* <b>Mains</b>	Various Dates Jul 23 – Apr 24	Various Dates Jul 23 – Apr 24	\$ 0.00	\$3,266,810	52	\$ 55,216
Subdivision Transfers* <b>Sewer Laterals</b>	Various Dates Jul 23 – Apr 24	Various Dates Jul 23 – Apr 24	\$ 0.00	\$1,694,215	40	\$ 37,845
<b>Totals</b>			<b>\$926,717</b>	<b>\$6,744,322</b>		<b>\$245,339</b>
*Donated property from Developers. Property is not transferred until completion of construction and is not recorded on District's books until transfer occurs. CWIP = Construction Work in Progress						

### NOTES

1. **Requirements of 807 KAR 5:001, Section 16(5)(c)(1)-(8).** The chart on page 1 of this Exhibit provides the information required by Commission regulation 807 KAR, 5:001, Section 16(5)(c)(1)-(4) and (8). For the reasons explained below, 807 KAR 5:001, Section 16(5)(c)(5) and (6) do not apply in this circumstance because no plant retirements are planned. Additionally, 807 KAR 5:001, Section 16(5)(c)(7) is also not applicable for the reason set forth below.
2. **Subdivision Developments.** The subdivision developments shown on page 1 of this Exhibit were constructed by different developers and donated to the District. The District acquired ownership and commenced operating and maintaining the sewer structures, sewer mains, and sewer laterals (“Subdivision Infrastructure”) in these subdivisions as each subdivision was completed. The dates are shown on page 1 of this Exhibit. There was no CWIP for the Subdivision Infrastructure because the District did not spend any money.
3. **Plant Retirements.** There have been no plant retirements, and there will be no plant retirements as a result of these plant additions. Therefore, no schedule of plant retirements and how they relate to the pro forma plant additions is provided because **807 KAR 5:001, Section 16(5)(c)(5)** is not applicable in this circumstance.

4. **Salvage Value.** Since there will be no plant retirements, there is no cost of removal and no salvage value. Therefore, no original cost, cost of removal, or salvage value is provided because **807 KAR 5:001, Section 16(5)(c)(6)** is not applicable in this circumstance.
5. **Capital Construction Budget versus Actual Cost.** There is no difference in the cost for these plant additions between the amount shown in the Capital Construction Budget and the construction costs contained in the proforma adjustment period. Therefore, **807 KAR 5:001, Section 16(5)(c)(7)** is not applicable.
6. **Depreciation Expense.** The impact on depreciation expense is shown in the Table on page 1 of this Exhibit as required by **807 KAR 5:001, Section 16(5)(c)(8)**. Since there will be no retirement of any plant, there is no offsetting reductions to the depreciation expense.
7. **New Customers.** The only new customers which will be added as a result of these plant additions are included in Exhibit 23 (Post-Test Period Customers and Their Effect on Revenues and Expenses). **807 KAR Section 16(5)(e)**.
8. **SCADA System Upgrade.** The SCADA System Upgrade for the Warren Sewer Division was completed and placed into service in June 2024.

# **EXHIBIT 22**

# **EXHIBIT 22A**

**2023 BUDGET**  
**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**

Revenue & Expense Statement Comparison  
Budget 2023 vs. Projected 2022  
November 23, 2022

		BUDGET	PROJECTED	BUDGET	Budget 2023 vs Projected 2022	
		2023	2022	2022	\$ DIFFERENCE	% DIFFERENCE
<b>OPERATING REVENUE:</b>						
<u>Line</u>						
1	Sewer Revenue	\$ 5,916,100	\$ 5,652,000	\$ 5,623,000	\$ 264,100	4.67%
2	Forfeited Discounts	99,400	94,000	68,500	5,400	5.74%
3	Miscellaneous Service Revenue	40,300	38,100	37,900	2,200	5.77%
4	Other Sewer Revenue	600	600	600	-	-
5	Interest Income	282,300	32,000	32,900	250,300	782.19%
6	Rental Income - Office Building	18,000	500	26,400	17,500	3500.00%
	<b>TOTAL Operating Revenue</b>	<b>6,356,700</b>	<b>5,817,200</b>	<b>5,789,300</b>	<b>539,500</b>	<b>9.27%</b>
<b>OPERATING EXPENSES:</b>						
7	Salaries and Wages	352,700	294,000	302,100	58,700	19.97%
8	Commissioners' Fees	15,000	15,000	15,000	-	-
9	Employee Overhead	205,300	179,500	175,700	25,800	14.37%
10	Sewage Disposal	3,300,400	3,121,800	3,145,300	178,600	5.72%
11	Purchased Power	172,700	152,400	159,900	20,300	13.32%
12	Chemicals	40,700	38,000	21,000	2,700	7.11%
13	Materials & Supplies	39,100	33,700	40,800	5,400	16.02%
14	Contractual Services - Accounting	14,100	13,000	13,300	1,100	8.46%
15	Contractual Services - Legal	14,500	3,000	2,000	11,500	383.33%
16	Contractual Services - Other	174,200	144,600	138,700	29,600	20.47%
17	Equipment	46,200	38,400	41,600	7,800	20.31%
18	Insurance - General Liability	13,500	12,400	12,500	1,100	8.87%
19	Insurance - Other	2,500	2,500	2,500	-	-
20	Regulatory Commission Expense	10,400	9,500	10,400	900	9.47%
21	Bad Debts Expense	3,000	2,000	5,100	1,000	50.00%
22	Miscellaneous Expense	8,500	10,500	7,800	(2,000)	-19.05%
	<b>SUBTOTAL Operating Expenses</b>	<b>4,412,800</b>	<b>4,070,300</b>	<b>4,093,700</b>	<b>342,500</b>	<b>8.41%</b>
<b>OTHER EXPENSES:</b>						
23	Depreciation	1,939,200	1,523,500	1,467,000	415,700	27.29%
24	Interest Expense	387,400	154,500	117,600	232,900	150.74%
25	Debt Expense	-	122,800	(12,200)	(122,800)	-100.00%
26	OPEB Expense	13,600	9,600	10,000	4,000	41.67%
	<b>SUBTOTAL Other Expenses</b>	<b>2,340,200</b>	<b>1,810,400</b>	<b>1,582,400</b>	<b>529,800</b>	<b>29.26%</b>
	<b>TOTAL Expenses</b>	<b>6,753,000</b>	<b>5,880,700</b>	<b>5,676,100</b>	<b>872,300</b>	<b>14.83%</b>
	<b>NET INCOME</b>	<b>\$ (396,300)</b>	<b>\$ (63,500)</b>	<b>\$ 113,200</b>	<b>\$ (332,800)</b>	<b>524.09%</b>
	<b>LESS: Principal Payments</b>	<b>(243,600)</b>	<b>(225,300)</b>	<b>(225,300)</b>	<b>(18,300)</b>	<b>-8.12%</b>
	<b>NET INCOME AFTER PRINCIPAL</b>	<b>\$ (639,900)</b>	<b>\$ (288,800)</b>	<b>\$ 28,700</b>	<b>\$ (351,100)</b>	<b>121.57%</b>

# **EXHIBIT 22B**



**2024 BUDGET**  
**WARREN COUNTY WATER DISTRICT**  
**SEWER DIVISION**

Revenue & Expense Statement Comparison  
 Budget 2024 vs. Projected 2023  
 November 29, 2023

		BUDGET	PROJECTED	\$ DIFFERENCE	% DIFFERENCE
		2024	2023		
OPERATING REVENUE:					
<u>Line</u>					
1	Sewer Revenue	\$ 6,531,700	\$ 6,141,300	\$ 390,400	6.36%
2	Forfeited Discounts	88,200	83,600	4,600	5.50%
3	Miscellaneous Service Revenue	37,700	36,000	1,700	4.72%
4	Other Sewer Revenue	600	600	-	-
5	Interest Income	471,400	445,000	26,400	5.93%
6	Rental Income - Office Building	(15,600)	(15,600)	-	-
TOTAL Operating Revenue		<b>7,114,000</b>	6,690,900	423,100	6.32%
OPERATING EXPENSES:					
7	Salaries and Wages	415,500	326,100	89,400	27.41%
8	Commissioners' Fees	15,000	15,000	-	-
9	Employee Overhead	233,600	180,700	52,900	29.28%
10	Sewage Disposal	3,593,100	3,357,500	235,600	7.02%
11	Purchased Power	172,800	157,200	15,600	9.92%
12	Chemicals	38,600	36,500	2,100	5.75%
13	Materials & Supplies	57,900	54,200	3,700	6.83%
14	Contractual Services - Engineering	35,000	-	35,000	100.00%
15	Contractual Services - Accounting	23,500	15,000	8,500	56.67%
16	Contractual Services - Legal	14,250	10,000	4,250	42.50%
17	Contractual Services - Other	237,700	194,500	43,200	22.21%
18	Rental of Building / Property	3,600	-	3,600	100.00%
19	Equipment	52,200	44,000	8,200	18.64%
20	Insurance - General Liability	17,100	15,800	1,300	8.23%
21	Insurance - Other	2,500	2,500	-	-
22	Regulatory Commission Expense	8,500	8,100	400	4.94%
23	Bad Debts Expense	6,400	5,800	600	10.34%
24	Miscellaneous Expense	15,800	15,000	800	5.33%
SUBTOTAL Operating Expenses		<b>4,943,050</b>	4,437,900	505,150	11.38%
OTHER EXPENSES:					
25	Depreciation	2,165,100	1,947,300	217,800	11.18%
26	Interest Expense	465,100	386,400	78,700	20.37%
27	Debt Expense	136,500	-	136,500	100.00%
28	OPEB Expense	8,300	9,000	(700)	-7.78%
SUBTOTAL Other Expenses		<b>2,775,000</b>	2,342,700	432,300	18.45%
TOTAL Expenses		<b>7,718,050</b>	6,780,600	937,450	13.83%
NET INCOME \ (LOSS)		<b>\$ (604,050)</b>	\$ (89,700)	\$ (514,350)	573.41%
LESS: Principal Payments		<b>252,300</b>	243,600	8,700	-3.57%
NET INCOME \ (LOSS) AFTER PRINCIPAL		<b>\$ (856,350)</b>	\$ (333,300)	\$ (523,050)	156.93%

# **EXHIBIT 23**

**POST-TEST PERIOD CUSTOMERS AND THEIR EFFECT ON REVENUES & EXPENSES**

NEW METER INSTALLATIONS JANUARY 1, 2024 THROUGH JUNE 30, 2024

WARREN COUNTY WATER DISTRICT - SEWER DIVISION

Meter Size	5/8"	1"	2"	4"	TOTALS
<b>Number of Meter Installations</b>	287	42	6	1	336
Average Monthly Usage (Gals)	4,062	31,144	336,821	1,125,776	
Average Monthly Bill	\$ 23.18	\$ 136.98	\$ 1,197.66	\$ 3,842.00	
Annual Gallons Sold	13,989,528	15,696,576	24,251,112	13,509,312	67,446,528
<b>Annual Revenue</b>	\$ 79,832	\$ 69,038	\$ 86,232	\$ 46,104	\$ <b>281,206</b>
Annual Gallons Disposed	10,729,968	12,039,274	18,600,603	10,361,642	51,731,487
<b>Annual Sewer Disposal Expense</b>	\$ 33,522	\$ 37,613	\$ 58,112	\$ 32,372	\$ <b>161,619</b>
<b>Annual Purchased Power Expense</b>	\$ 1,569	\$ 1,760	\$ 2,719	\$ 1,515	\$ <b>7,563</b>
<b>NET REVENUE FROM NEW CUSTOMERS</b>					\$ <b>112,024</b>

Sewer Disposal Cost	\$ 3,374,015
Gallons Purchased	1,079,966,000
Cost Per 1000	\$ 3.1242
Purchased Power Cost	\$ 157,890
Gallons Purchased	1,079,966,000
Cost Per 1000	\$ 0.1462
Percentage Disposed	76.7%
No. of Net Revenue Months	12

# **EXHIBIT 24**

# **EXHIBIT 24A**

AGREEMENT

THIS AGREEMENT, made and entered into on this the 22<sup>nd</sup> day of June 2004, by and between the BOWLING GREEN MUNICIPAL UTILITIES (BGMU), 801 Center Street, Bowling Green, Kentucky, hereinafter referred to as BGMU, and the WARREN COUNTY WATER DISTRICT (the District), 523 US Hwy 31W Bypass, Bowling Green, Kentucky, hereinafter referred to as WCWD;

WHEREAS, BGMU accepts and disposes of sewage from the District pursuant to the Order of the Public Service Commission dated February 27, 1996, in Case No. 95-044, and:

WHEREAS, the City of Bowling Green, the County of Warren, and other governmental entities have entered into agreements with the Intermodal Transportation Authority (ITA) pertaining to the development of a regional industrial park called the Kentucky Transpark which will necessitate construction of the North Warren County Sewer Improvement Project (NWCSIP) with a new sewer interceptor along the Louisville Road Corridor, north of Barren River from where BGMU's existing sewer system ends, and;

WHEREAS, in order for the District to serve the expected future flows from the north area, it will be necessary for the District to revise its location for discharge of the sewage collected from the north area to a connection point on BGMU's 14-inch sanitary sewer force main on Beech Bend Road.

WITNESSETH: That for and in consideration of the mutual benefits to be derived by the parties hereto, it is agreed as follows:

1. BGMU hereby agrees that it will accept for transport, treatment, and disposition from the Northside discharge point, the sewage collected by the District in the District's sanitary sewage collection system in the area north of Barren River in such quantity not to exceed 2,000 gallons per minute rate of flow. BGMU agrees to accept the anticipated future flows of wastewater from WCWD in the area served by the Northside discharge point as per the February 27, 1996 Order of the Public Service Commission in Case No. 95-044.

2. The flow from the District's existing Lift Station No. 5 (which also serves the District's north area) will be diverted to the revised discharge location on the 14" force main owned by BGMU. Wastewater flow from the WCWD Northside will not enter BGMU's gravity sewer on Beech Bend Road. The District will install controls to prevent both the NWCSIP Lift Station and Lift Station No. 5 from operating at the same time. The District will connect to BGMU's 14-inch force main so that additional pumping by BGMU will not be required. This will entail construction of a 14-inch force main bypass with valving around the existing BGMU Beech Bend Road pump station. This bypass will be installed by WCWD and will be owned by BGMU.

3. The rate per 1,000 gallons for disposing of the sewage by BGMU shall be the same rate charged for the District's other sewage connection points.

4. The District shall at its expense construct the north Warren County sewer improvement project to serve its customers in the area north of Barren River and the Beech Bend Road pump station bypass, and BGMU will accept such sewage for treatment within the flow limits specified herein.

5. The District shall furnish, own, install and maintain a flow meter on its pump station force main. The meter so installed shall accurately measure the quantity of the wastewater deposited into the BGMU's facilities for conveyance, treatment and disposition. The meter shall include a totalizer and rate of flow indicator. The District, at its expense, will test and calibrate the meter on an annual basis in coordination with BGMU. Test results will be given to BGMU. Billing adjustments up or down due to meter inaccuracies will be made on an annual basis. BGMU, at its expense, reserves the right at any time, to test and calibrate this meter. Test results will be given to WCWD. BGMU shall have right of entry for inspecting and testing metering equipment. In the event that the metering equipment is out of service, monthly total flow figures shall be estimated by BGMU from values for the preceding three months with additional consideration for any new customers that have not discharged for the entire three months.

IN TESTIMONY WHEREOF, the parties hereto have caused this agreement to be executed by its duly authorized officers on the day and year first above written.

BOWLING GREEN MUNICIPAL UTILITIES

BY: Larry Miller  
Larry Miller, General Manager

ATTEST:

[Signature]  
Secretary

STATE OF KENTUCKY)  
  ) SCT.  
COUNTY OF WARREN)

The foregoing instrument was acknowledged before me by Bowling Green Municipal Utilities, by and through its General Manager, duly attested by its Secretary.

Carol Ann Dales  
Notary Public, State of Kentucky at Large  
My commission expires: 02.19.08

WARREN COUNTY WATER DISTRICT

BY: [Signature]  
R. Harvey Johnston, III, Chairman

ATTEST:

Glen Johnson  
Glen Johnson, Secretary

STATE OF KENTUCKY)  
  ) SCT.  
COUNTY OF WARREN)

The foregoing instrument was acknowledged before me by Warren County Water District, by and through its Chairman, duly attested by its Secretary.

Joe Liles  
Notary Public, State of Kentucky at Large,  
My commission expires: 2-17-04



**Resolution of the Board of Commissioners of  
Warren County Water District and Bowling  
Green Municipal Utilities Board of Directors  
Separately adopted by each utility board.**

WHEREAS, an Agreed Order Issued by the Commonwealth of Kentucky before the Public Service Commission set forth an Order in Case No. 95-044 that Bowling Green Municipal Utilities (BGMU) and Warren County Water District (WCWD) jointly create the "Joint Engineering, Planning, and Finance Committee" (Committee) to oversee the development and implementation of long range plans for the development and expansion of water and sewer service from BGMU to WCWD, to include the necessary capital improvement needs for such service, and;

WHEREAS, all future capital improvements of BGMU that result from the need for increased service by BGMU to WCWD and all future capital improvements of WCWD which have a direct impact on BGMU's service to WCWD shall be reviewed by the Committee in an effort to provide the customers of both utilities the best service at the least cost, and;

WHEREAS, future capital improvements needed for increased service by BGMU to WCWD shall only be made after the methods and time for payment of such capital improvements are recommended by the Committee and approved by the respective governing bodies of BGMU and WCWD, and;

WHEREAS, the Committee met on June 21, 2004 and recommends to the respective governing bodies of BGMU and WCWD to approve an Agreement related to BGMU's acceptance and disposal of sewage collected by the District, the Agreement for a revision of discharge point located at Beech Bend Road.

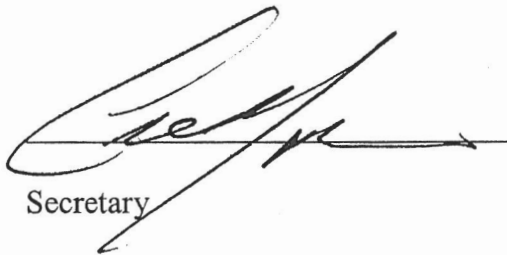
NOW, THEREFORE, BE IT RESOLVED by BGMU that the two Agreements as recommended by the Joint Engineering, Planning and Finance Committee of BGMU and WCWD is approved by Bowling Green Municipal Utilities.

Adopted this 12<sup>th</sup> day of July, 2004.



Chairman  
Bowling Green Municipal Utilities

ATTEST:



Secretary

Resolution of the Board of Commissioners of  
Warren County Water District and Bowling  
Green Municipal Utilities Board of Directors  
separately adopted by each utility board.

WHEREAS, an Agreed Order issued by the Commonwealth of Kentucky before the Public Service Commission set forth an Order in Case No. 95-044 that Bowling Green Municipal Utilities (BGMU) and Warren County Water District (WCWD) jointly create the "Joint Engineering, Planning, and Finance Committee" (Committee) to oversee the development and implementation of long range plans for the development and expansion of water and sewer service from BGMU to WCWD, to include the necessary capital improvement needs for such service, and;

WHEREAS, all future capital improvements of BGMU that result from the need for increased service by BGMU to WCWD and all future capital improvements of WCWD which have a direct impact on BGMU's service to WCWD shall be reviewed by the Committee in an effort to provide the customers of both utilities the best service at the least cost, and;

WHEREAS, the Committee shall recommend allocations of costs of future capital improvements of BGMU in accordance with the Public Service Commission's Agreed Order, and;

WHEREAS, future capital improvements needed for increased service by BGMU to WCWD shall only be made after the methods and time for payment of such capital improvements are recommended by the Committee and approved by the respective governing bodies of BGMU and WCWD, and;


WHEREAS, the Committee met on June 21, 2004 and recommends to the respective governing bodies of BGMU and WCWD to approve an Agreement related to BGMU's acceptance and disposal of sewage collected by the District from the North Warren County Sewer Improvement Project at the connection point on BGMU's 14-inch sanitary sewer force main on Beech Bend Road.

NOW, THEREFORE, BE IT RESOLVED by WCWD that the Agreement as recommended by the Joint Engineering, Planning and Finance Committee of BGMU and WCWD is approved by Warren County Water District.

Adopted this 22 day of June, 2004



R. Harvey Johnston, III  
Chairman  
Warren County Water District

ATTEST:   
Glen Johnson  
Secretary

# **EXHIBIT 24B**

SUPPLEMENT TO AGREEMENT

**THIS SUPPLEMENT TO AGREEMENT** made and entered into on this the 4th day of December, 2018, by and between the Bowling Green Municipal Utilities, hereinafter referred to as BGMU, of Bowling Green, Kentucky, and the Warren County Water District, of Warren County, Kentucky hereinafter referred to as District.

**WHEREAS**, the parties hereto entered into an Agreement the 22<sup>nd</sup> day of June 2004, for the disposition and treatment of sewerage from the north area of Warren County, and;

**WHEREAS**, the District plans to rehabilitate/replace aging infrastructure in the north area through the Plum Springs Area Sewer Rehab Project, hereinafter referred to as the Project, and;

**WHEREAS**, the sewerage for the area served by the Project is collected and conveyed to BGMU at the Northside discharge point, hereinafter referred to as Beech Bend Road Master Meter, and;

**WHEREAS**, the District desires to obtain financing from the United States Department of Agriculture Rural Development Agency for the Project.

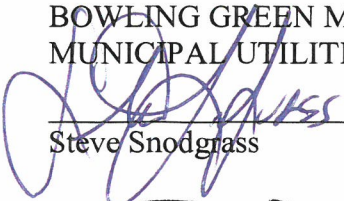
**NOW, THEREFORE**, and in consideration of mutual benefits to be desired by the parties hereto, it is agreed as follows:

1. BGMU will continue to accept, treat, and dispose of sewage from the District for the next 45 years.
2. The District will continue to discharge its wastewater to BGMU for the next 45 years.
3. The parties hereto agree that the District pledges this wastewater purchase contract to the United States Department of Agriculture Rural Development Agency as security for a loan or loans made or to be made to the District.
4. (Successor to the District) That in the event of any occurrence rendering the District incapable of performing under this agreement, any successor of the District, whether the result of legal process, assignment, or otherwise, shall succeed to the rights of the District hereunder.

**IN WITNESSETH WHEREOF**, subject to the approval of the respective Board of Directors, the parties have executed this mutual agreement on December 4, 2018.

Joint Engineering, Planning and Finance Committee

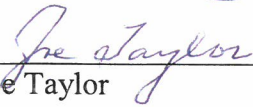
BOWLING GREEN MUNICIPAL UTILITIES  
MUNICIPAL UTILITIES

  
\_\_\_\_\_  
Steve Snodgrass

  
\_\_\_\_\_  
Todd Davis

WARREN COUNTY  
WATER DISTRICT

  
\_\_\_\_\_  
Tad Donnelly

  
\_\_\_\_\_  
Joe Taylor

# **EXHIBIT 25**

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Title Page

	Name of Respondent	Addr Line 1	Addr Line 2	City	State	Zip
Sewer Utilities						
Annual Report of						
Respondent	Warren County Water District	PO Box 10180	523 US Hwy 31W Bypass	Bowling Green	KY	42102

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Principal Payment and Interest Information**

	Amount	Yes/No
Amount of Principal Payment During Calendar Year	\$243,527.93	
Is Principal Current?		Y
Is Interest Current?		Y

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Services Performed by Independent CPA**

	Yes/No	A/C/R
Are your financial statements examined by a Certified Public Accountant?		
Enter Y for Yes or N for No	Y	
If yes, which service is performed?		
Enter an X on each appropriate line		
Audit		X
Compilation		
Review		
Please enclose a copy of the accountant's report with annual report.		

**Note:**  
The 2023 financial audit will be submitted as soon as it becomes available; anticipated receipt in April.



22231700 Warren County Water District 01/01/2023 - 12/31/2023

Additional Information Required

Case Num	Date	Explain
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**General Information 1. (Ref Page: 1)**

Exact name of utility making this report.

(Use the words "The", "Company" or "Incorporated" only when part of the corporate name.)

Warren County Water District

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**General Information 2 - 3 (Ref Page: 1)**

	Name	Address	City	State	Phone
Give the location, including street and number, and TELEPHONE NUMBER of the principal office in KY.	Warren County Water District	PO Box 10180	Bowling Green	KY	(270) 842-0052
Name, title, address and telephone number with area code of the person to be contacted concerning this report	Jacob Cuarta	General Manager	PO Box 10180 Bowling Green	KY	

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**General Information 4 (Ref Page: 1)**

List

Name of State under the laws of which respondent is incorporated and the date of incorporation. Kentucky - May 28, 1962

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**General Information 5. (Ref Page: 1)**

Date
1970

Date sewer utility began operations

22231700 Warren County Water District 01/01/2023 - 12/31/2023

General Information 6. (Ref Page: 1)

City or Town	Community or Subdivision	County
Warren		

22231700 Warren County Water District 01/01/2023 - 12/31/2023

General Information 7. (Ref Page: 1)

Count
Number of Full-time employees
Number of Part-time employees

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Principal Officers (Ref Page: 1)

Title	Last Name	First Name	Bus. Address	Salary or Fee
General Manager	Cuarta	Jacob	523 US Hwy 31W Bypass, Bowling Green, KY 42102	\$0.00
Chairman	Donnelly	Thomas A.	1344 Garvin Lane, Bowling Green, KY 42101	\$0.00
Vice-Chairman	Kanaly	Tim	198 Bant Creek Court, Bowling Green, KY 42103	\$0.00
Treasurer	Houchins	Dion	640 E Main Avenue, Bowling Green, KY 42101	\$0.00
Secretary	Johnston	R. Harvey	111 Callaway Court, Suite 200, Bowling Green KY 42103	\$0.00
Commissioner	Berta	Vince	2480 South Ford Avenue, Bowling Green, KY 42103	\$0.00

**Note:**

There are five commissioners serving Warren County Water District comprised of a water division and a sewer division. Each commissioner receives \$500 per month over a twelve-month period for a total of \$6000 per year. The Warren County Water District - Water Division pays the full \$6000. The Warren County Water District - Sewer Division reimburses the Water Division for one-half; \$3,000 per year. This results in annual payments of \$3000 from the Warren County Water District - Water Division and \$3000 from the Warren County Water District - Sewer Division.



22231700 Warren County Water District 01/01/2023 - 12/31/2023

Balance Sheet - Assets and Other Debts (Ref Page: 2)

	Balance First of Yr	Balance End of Yr
<b>UTILITY PLANT</b>		
Utility Plant (101-109)	\$83,633,856.29	\$89,039,288.38
less: Accum. Prov. for Depr., Depletion and Amortization (110)	\$18,776,670.37	\$20,395,223.28
Net Utility Plant	\$64,857,185.92	\$68,644,065.10
<b>OTHER PROPERTY AND INVESTMENTS</b>		
Non-Utility Property (121)		
less: Accum. Prov for Depr. and Amort. of Non-Utility Property (122)		
Net non-Utility Property		
Other Investments (124)	\$664,608.60	\$468,725.67
Special Funds (125)	\$13,842,844.24	\$14,320,562.27
Total Other Property and Investments	\$14,507,452.84	\$14,789,287.94
<b>CURRENT AND ACCRUED ASSETS</b>		
Cash and Working Funds (131)	\$2,265,699.60	\$1,905,302.31
Temporary Cash Investments (132)	\$5,350.00	\$5,350.00
Notes Receivable (141)		
Customer Accounts Receivable (142)	\$755,645.70	\$724,883.22
Other Accounts Receivable (143)	\$614,963.31	\$734,411.60
Accum. Prov. For Uncollectible Accts - CR (144)	\$42,632.42	\$47,098.82
Notes Receivable from Assoc. Companies (145)		
Accounts Receivable from Assoc Companies (146)		
Materials and Supplies (150)		
Prepayments (166)	\$13,375.84	\$15,669.10
Other Current and Accrued Assets (170)	\$37,534.94	\$55,096.27
Total Current and Accrued Assets	\$3,649,936.97	\$3,393,613.68
<b>DEFERRED DEBITS</b>		
Unamortized Debt Expense (181)		
Extraordinary Property Losses (182)		
Other Deferred Debits (183)	\$47,747.67	\$7,889.37
Total Deferred Debits	\$47,747.67	\$7,889.37
<b>TOTAL ASSETS AND OTHER DEBITS</b>	<b>\$83,062,323.40</b>	<b>\$86,834,856.09</b>

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Balance Sheet - Liabilities and Other Credits (Ref Page: 3)

	Balance First of Yr.	Balance End of Yr.
<b>EQUITY CAPITAL</b>		
Common Capital Stock (201)		
Preferred Capital Stock (204)		
Other Paid-In Capital (207)		
Discount on Capital Stock (213)		
Capital Stock Expense (214)		
Appropriated Retained Earnings (215)		
Unappropriated Retained Earnings (216)	\$6,115,167.23	\$6,030,781.23
Non-Corporate Proprietorship (218)		
Total Equity Capital	\$6,115,167.23	\$6,030,781.23
<b>LONG-TERM DEBT</b>		
Bonds (221)	\$630,500.00	\$623,000.00
Advances From Associated Companies (223)		
Other Long-Term Debt (224)	\$11,802,952.88	\$11,066,924.95
Total Long-Term Debt	\$12,433,452.88	\$11,689,924.95
<b>CURRENT AND ACCRUED LIABILITIES</b>		
Notes Payable (231)		
Accounts Payable (232)	\$820,907.92	\$711,423.80
Notes Payable to Associated Companies (233)		
Accounts Payable to Associated Companies (234)		
Customer Deposits (235)	\$393,853.06	\$419,271.56
Taxes Accrued (236)	\$12,523.82	\$13,166.18
Interest Accrued (237)	\$91,547.03	\$146,863.83
Other Current and Accrued Liabilities (238)		\$96,623.49
Total Current and Accrued Liabilities	\$1,318,831.83	\$1,387,348.86
<b>DEFERRED CREDITS</b>		
Advances for Construction (252)	\$1,646,970.35	\$1,527,790.35
Other Deferred Credits (253)	\$80,254.00	\$67,995.00
Accum. Deferred Investment Tax Credits (255)		
Total Deferred Credits	\$1,727,224.35	\$1,595,785.35
Operating Reserves (261-265)		
Contributions in Aid of Construction (271)	\$61,467,647.11	\$66,131,015.70

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Balance Sheet - Liabilities and Other Credits (Ref Page: 3)**

	Balance First of Yr.	Balance End of Yr.
<b>ACUMULATED DEFERRED INCOME TAXES</b>		
Accum. Def. Income Taxes-Accel. Amort (281)		
Accum. Def. Income Taxes-Lib. Depr. (282)		
Accum. Def. Income Taxes-Other (283)		
Total Accum. Deferred Income Taxes	\$83,062,323.40	\$86,834,856.09
<b>TOTAL LIABILITIES AND OTHER CREDITS</b>		

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Summary of Utility Plant (Ref Page: 4)

	Amount
<b>UTILITY PLANT</b>	
In Service:	
Plant in Service Classified (from pg 5 line 40) (101)	\$85,990,298.55
Completed Construction Not Classified (102)	
Utility Plant in Process of Reclassification (103)	
Utility Plant Purchased or Sold (106)	
Total In Service	\$85,990,298.55
Utility Plant Leased to Others (104)	
Property Held for Future Use (105)	\$1,254,509.54
Construction Work in Progress (107)	\$1,794,480.29
Utility Plant Acquisition Adjustments (108)	
Other Utility Plant Adjustments (109)	
Total Utility Plant ( to pg 2 line 4)	\$89,039,288.38
Less:	
Accumulated Provision for Depreciation and Amort. of Utility Plant (to pg 2 line 6) (110)	\$20,395,223.28
Net Utility Plant ( to pg 2 line 7)	\$68,644,065.10

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Accum. Prov. for Depreciation and Amortization of Utility Plant (Ref Page: 4)

Item	Amount
Balance Beginning of Year	\$18,776,670.37
Accruals for Year:	
Depreciation	\$1,918,276.25
Amortization	
Other Accounts (detail)	
Total Accruals for Year	\$1,918,276.25
Credit Adjustments (describe)	
Total Credits for Year	
Net Charges for Plant Retired:	
Book Cost of Plant Retired ( same as pg 5 line 40)	\$299,723.34
Add: Cost of Removal	
Less: Salvage	
Net Charges for Plant Retired	\$299,723.34
Debit Adjustments (describe)	
Total Debit Adjustments for Year	
Balance End of Year	\$20,395,223.28

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Utility Plant In Service (Ref Page: 5)

	Depr Rate	Balance Beg of Year	Additions	Retirements	ReClass (Debit-Credit)	Balance End of Year
<b>INTANGIBLE PLANT</b>						
Organization (301)						
Franchises and Consents (302)						
Misc. Intangible Plant (303)						
Total Intangible Plant						
<b>LAND AND STRUCTURES</b>						
Land and Land Rights (310)		\$20,795.00	\$0.00	\$0.00	\$0.00	\$20,795.00
Structures and Improvements (311)	35yrs	\$16,002,630.19	\$1,617,584.05	\$0.00	\$0.00	\$17,620,214.24
Total Land and Structures		\$16,023,425.19	\$1,617,584.05	\$0.00	\$0.00	\$17,641,009.24
<b>COLLECTION PLANT</b>						
Collection Sewers - Force (352.1)	52.5yrs	\$20,265,665.98	\$1,754,500.19	\$0.00	\$0.00	\$22,020,166.17
Collection Sewers - Gravity (352.2)	52.5yrs	\$30,289,856.62	\$3,367,516.00	\$0.00	\$0.00	\$33,657,372.62
Other Collection Plant Facilities (353)	10yrs	\$446,046.91	\$2,263.60	\$260,500.94	\$0.00	\$187,809.57
Services to Customers (354)	40yrs	\$8,790,001.56	\$812,904.78	\$0.00	\$0.00	\$9,602,906.34
Flow Measuring Devices (355)	20yrs	\$945,346.12	\$118,045.80	\$0.00	\$0.00	\$1,063,391.92
Total Collection Plant		\$60,736,917.19	\$6,055,230.37	\$260,500.94	\$0.00	\$66,531,646.62
<b>PUMPING PLANT</b>						
<b>Receiving Wells and Pump Pits (362)</b>						
Pumping Equipment - Electric (363A)	7yrs	\$1,069,755.80	\$239,783.70	\$0.00	\$0.00	\$1,309,539.50
<b>Pumping Equipment- Diesel (363B)</b>						
<b>Pumping Equipment - Other (363C)</b>						
Total Pumping Plant (364)		\$1,069,755.80	\$239,783.70	\$0.00	\$0.00	\$1,309,539.50
<b>TREATMENT AND DISPOSAL PLANT</b>						

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Utility Plant In Service (Ref Page: 5)

	Depr Rate	Balance Beg of Year	Additions	Retirements	ReClass (Debit-Credit)	Balance End of Year
Oxidation Lagoon (372)						
Treatment and Disposal Equipment (373)						
Plant Sewers (374)						
Outfall Sewer Lines (375)						
Other Treatment and Disposal Plant Equip. (376)						
Total Treatment and Disposal Plant (371)						
GENERAL PLANT (372)						
Office Furniture and Equipment (391)	5yrs	\$297,123.08	\$127,061.00	\$38,212.86	\$0.00	\$385,971.22
Transportation Equipment (392)						
Stores Equipment (393A)						
Tools, Shop and Garage Equipment (393B)	12.5yrs	\$50,580.73	\$1,199.20	\$43.73	\$0.00	\$51,736.20
Laboratory Equipment (393C)						
Power Operated Equipment (393D)						
Communication Equipment (393E)	10yrs	\$70,521.58	\$0.00	\$125.81	\$0.00	\$70,395.77
Other Tangible Property (393F)	5yrs	\$840.00	\$0.00	\$840.00	\$0.00	\$0.00
Total General Plant		\$419,065.39	\$128,260.20	\$39,222.40	\$0.00	\$508,103.19
TOTAL SEWER PLANT IN SERVICE		\$78,249,163.57	\$8,040,858.32	\$299,723.34	\$0.00	\$85,990,298.55

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Capital Stock (Ref Page: 6)

Class and Series (a)	No. of Shares Auth. (b)	Par Val per Share of Par	Stated Val Per Share of	Outstanding Shares (e)	Outstanding Amount (f)
Total					



22231700 Warren County Water District 01/01/2023 - 12/31/2023

Long-Term Debt (Ref Page: 6)

Class and Series	Orig. Issue Amt	Date of Issue (b)	Date of Maturity (c)	Outstanding Balance	Interest Rate (e)	Interest Amt (f)
List each Original Issue Amount Class and Series of Obligation						
Bonds - Series 2019, USDA	\$645,000.00	4/15/2020	1/1/2060	\$623,000.00	2.3750	\$14,818.68
Loan - KIA, Buchanan Park	\$797,431.04	5/15/2012	10/24/2033	\$452,762.51	3.0000	\$14,143.96
Loan - Series 2013B, KRW/FC	\$129,967.30	2/27/2016	2/1/2028	\$41,228.76	2.8000	\$1,292.12
Loan - KIA, Plum Springs Improvements	\$2,000,000.00	1/15/2020	12/1/2040	\$1,748,313.68	2.0000	\$36,109.35
Loan - Series 2021A, KRW/FC	\$1,255,000.00	6/8/2021	12/31/2036	\$1,070,000.00	4.2500	\$35,129.20
Loan - Series 2022D, KRW/FC	\$8,254,620.00	10/27/2022	8/1/2024	\$7,754,620.00	3.5000	\$277,408.76
<b>Total</b>	<b>\$13,082,018.34</b>			<b>\$11,689,924.95</b>	<b>0.0000</b>	<b>\$378,902.07</b>

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Notes Payable (Ref Page: 6)**

(Include Notes Payable to Associated Companies Under This Heading)	Name of Payee (a)	Date Of Note (b)	Date of Maturity (c)	Interest Rate (d)	Balance End of Year (e)
Total					

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Interest Accrued (Ref Page: 6)**

Description of Obligation (a)	Int. Accr. Balance First of Yr	Int. Accr. During Yr (c)	Int. Paid During Yr (d)	Int. Accr. Balance End of Yr
Bonds - Series 2019, USDA	\$7,487.19	\$14,818.68	\$14,885.31	\$7,420.56
Loan - K/A, Buchanan Park	\$1,233.37	\$14,143.96	\$14,245.42	\$1,131.91
Loan - Series 2013B, KRWFC	\$644.55	\$1,292.12	\$1,408.67	\$528.00
Loan - K/A Plum Springs Improvements	\$3,056.47	\$36,109.35	\$36,251.96	\$2,913.86
Loan - Series 2021A, KRWFC	\$16,260.40	\$35,129.20	\$36,900.00	\$14,489.60
Loan - Series 2022D, KRWFC	\$62,865.05	\$277,408.76	\$219,893.91	\$120,379.90
Customer Deposits	\$0.00	\$4,925.93	\$4,925.93	\$0.00
<b>Total</b>	<b>\$91,547.03</b>	<b>\$383,828.00</b>	<b>\$328,511.20</b>	<b>\$146,863.83</b>

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Other Current and Accrued Liabilities (Ref Page: 7)

Description	Amount
236-7000-3 Accounts Payable - Arbitrage, Series 2022D	\$96,623.49
Total (must agree with pg 3 Acct 238)	\$96,623.49

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Statement of Retained Earnings For the Year (Ref Page: 7)

Item (a)	This Year (b)	Last Year (c)
<b>UNAPPROPRIATED RETAINED EARNINGS</b>		
(216)		
Balance Beginning of Year	\$6,115,167.23	\$6,598,802.91
Balance Transferred From Income (435)	(\$84,386.00)	(\$483,635.68)
Appropriations of Retained Earnings (436)		
Dividends Declared-Preferred Stock (437)		
Dividends Declared-Common Stock (438)		
Adjustments to Retained Earnings (439)		
Balance End of Year	\$6,030,781.23	\$6,115,167.23

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Statement of Income for the Year (Ref Page: 8)

Description	Number Customers (b)	Amount (c)
<b>OPERATING REVENUES</b>		
Flat Rate Revenues-General Customers:		
Residential Revenues (521.1)		
Commercial Revenues (521.2)		
Industrial Revenues (521.3)		
Revenues From Public Authorities (521.4)		
Total (521)		
Measured Revenues - General Customers: (483)		
Residential Revenues (522.1)	9,352	\$2,588,134.96
Commercial Revenues (522.2)	829	\$818,905.93
Industrial Revenues (522.3)	60	\$2,690,799.52
Revenues From Public Authorities (522.4)		
Total (522)	10,241	\$6,097,840.41
Revenues From Public Authorities (523)		
Revenues From Other Systems (524)		
Miscellaneous Sewage Revenues (526)		
Total Sewage Service Revenues (521-526)	10,241	\$6,097,840.41
<b>OTHER OPERATING REVENUES</b>		
Customers Forfeited Discounts (532)		\$84,207.14
Miscellaneous Operating Revenues (536)		\$34,470.08
Total Other Operating Revenues		\$118,677.22
Total Operating Revenues		\$6,216,517.63
<b>OPERATING EXPENSES</b>		
Total Sewer Operation and Maint. Expenses (from pg 9 )		\$4,467,299.11
Depreciation Expense (403)		\$1,918,276.25
Amortization Expense (from pg 10) (404-407)		
Taxes Other Than Income taxes (from pg 10) (408.1)		\$8,006.34
Total Income Taxes-Utility Operations (from pg 10)		
Total Sewage Operating Expenses		\$6,393,581.70
Net Operating Income		(\$177,064.07)

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Statement of Income for the Year (Ref Page: 8)

	Description	Number Customers (b)	Amount (c)
<b>OTHER INCOME</b>			
Income from NonUtility Operations (417)			(\$14,876.12)
Interest and dividend Income (419)			\$432,358.56
Miscellaneous Nonoperating Income (421)			\$3.65
Other Accounts (Specify Acct. No & Title)			
Total Other Income			\$417,486.09
<b>OTHER DEDUCTIONS</b>			
Interest on Long-Term Debt (427)			\$378,902.07
Amortization of Debt Discount and Expense (428)			(\$19,308.07)
Interest on Debt to Associated Companies (430)			
Other Interest Expense (431)			\$4,925.93
Taxes Other than Income Taxes 408.2 (from pg 10)			
Total Income Taxes-Nonutility Operations (from pg 10)			
Other Accounts (Specify Acct. No. and Title)			
	426-0000-3 Unrealized Gain/Loss on Investments		(\$39,711.91)
Total Other Deductions			\$324,808.02
Net Income			(\$84,386.00)

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Operation and Maintenance Expenses (Ref Page: 9)

	Amount (b)
<b>OPERATION EXPENSES</b>	
Supervision and Engineering (700) :	
Owner/Manager-Management Fee (700-A)	
Other Expenses (700-B)	
Labor and Expenses (701) :	
Collection System-Labor, Materials and Expenses (701-A)	
Pumping System-Labor, Materials and Expenses (701-B)	
Treatment System (701-C) :	
Sludge Hauling	
Utility Service - Water Cost	
Other-Labor, Materials and Expense	
Rents (702)	
Fuel and Power Purchased for Pumping and Treatment (703)	
Chemicals (704)	
Miscellaneous Supplies and Expenses (705) :	
Collection System (705-A)	
Pumping System (705-B)	
Treatment an Disposal (705-C)	
Total Operation Expenses	\$3,702,784.56
<b>MAINTENANCE EXPENSES</b>	
Supervision and Engineering (710) :	
Routine Maintenance Service Fee (710-A)	
Internal Supervision and Engineering (710-B)	
Maintenance of Structures and Improvements (711)	
Maintenance of Collection Sewer system (712)	
Maintenance of Pumping System (713)	
Maintenance of Treatment and Disposal Plant (714)	
Maintenance of Other Plant Facilities (715)	
Total Maintenance Expenses	\$275,334.76
<b>CUSTOMER ACCOUNTS EXPENSES</b>	
Supervision (901)	
Meter Reading Expenses and Flat Rate Inspections (902)	



22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Operation and Maintenance Expenses (Ref Page: 9)

	Amount (b)
Customer Records and Collection Expenses (903):	
Agency Collection Fee (903-A)	
Internal Labor, Materials and Expenses (903-B)	\$133,173.37
Uncollectible Accounts (904)	\$4,466.40
Miscellaneous Customer Accounts Expenses (905)	\$71,137.63
Total Customer Accounts Expenses	\$208,777.40
ADMINISTRATIVE AND GENERAL EXPENSES	
Administrative and General Salaries (920)	\$95,687.42
Office Supplies and Other Expenses (921)	\$7,022.15
Outside Services Employed (923)	\$75,711.10
Insurance Expenses (924)	\$5,889.26
Employee Pensions and Benefits (926)	\$63,103.35
Regulatory Commission Expense (928)	
Transportation Expenses (929)	\$212.50
Miscellaneous General Expenses (930)	\$32,776.61
Rents (931)	
Maintenance of General Plant (932)	
Total Administrative and General Expenses	\$280,402.39
TOTAL SEWER OPERATION AND MAINTENANCE EXPENSES (to pg 8)	\$4,467,299.11

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Taxes Other Than Income Taxes (Ref Page: 10)

Item (a)	Amount (b)
Payroll Taxes	
Property Taxes	
Utility Regulatory Commission Assessment	\$8,006.34
Other (specify)	
Total (Same as Page 8 line 27 plus 44)	\$8,006.34

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Operating and Non-Operating Income Taxes (Ref Page: 10)

	Amount (b)
Income Taxes-Federal (409.1)	
Income Taxes - State (409.1)	
Income Taxes - Other (409.1)	
Provisions for Deferred Income Taxes (410.1)	
Income Taxes Deferred in Prior Years - Credit (411.1)	
Investment Tax Credits - Net (412.0)	
Total Income Taxes - Util. Operating Income (to pg 8 line 28)	
Income Taxes - Federal (409.2)	
Income Taxes - State (409.2)	
Income Taxes - Other (409.2)	
Provisions for Deferred Income (410.2)	
Income Taxes Deferred in Prior Years - Credit (411.2)	
Investment Tax Credits - Net (412.4)	
Total Inc. Taxes - Nonutil. Op. Income (to pg 8 line 45)	

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Amortization Expense (Ref Page: 10)

	Amount (b)
Amortization of Limited - Term Utility Plant (404)	
Amortization of Other Utility Plant (405)	
Amortization of Utility Plant Acquisition Adjustments (406)	
Amortization of Property Losses (407)	
Amortization of Rate Case Expense	
Total Amortization Expense (to pg 8 line 26)	

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Plant Statistics - Plant Valuation 1 - 3 (Ref Page: 11)

Description	Percentage
What method of valuation was used with reference to Sewer Utility Plant in Service Appearing on page two line four: Original Cost, Estimated Cost, Original Cost Study?	
What percentage of Sewer Utility Plant in Service was recovered, by the developer of the subdivision, through the sale of lots?	3.0000
If less than one-hundred percent of the utility plant was recovered, please designate what portion (collection lines, treatment plant, etc.) of the plant that represents non-contributed plant	22.0000

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Plant Statistics - Plant Valuation 4. (Ref Page: 11)

	Last Name	First Name	Date
By whom were the books of account audited? What was the date of the last audit?			
	Carr Riggs & Ingram, LLC	Independent CPA Firm	12/31/2023
If unaudited in the past twelve months, when and by whom is the next audit anticipated?			

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Sewer Plant Statistics - Physical Data of Sewer Plant (Ref Page: 11)**

Date of Construction of original Plant	WCWD - Sewer Division does not have a wastewater treatment plant.
Type of treatment process	All waste is treated by Bowling Green Municipal Utilities
Date and additional GPD Capacity of subsequent additions to plant	N/A
Population for which plant is designed including population equivalent of industrial waste load	N/A

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Sewer Plant Statistics - Treatment Plant Operating Statistics (Ref Page: 11)**

	Total	Cost
Total gallons received during the year		
Total gallons received on maximum day		
Maximum G.P.D. Capacity of the sewage treatment plant		
Routine maintenance service fee		
Cost per month		
Contract Expires		
Sludge hauling		
Cost per load		
Average number of gallons per load		
Number of loads this year		



22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Plant Statistics - Customer Statistics End of Year (Ref Page: 12)

Type	Num of Customers	Bi-Month or Month Billing	Number of bills
Residential			
Single Family	9,352	Monthly	9,352
Apartments/Condominiums			
Commercial	829	Monthly	829
Industrial	60	Monthly	60
Other			
<b>Total</b>	<b>10,241</b>		<b>10,241</b>

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Plant Statistics - Industrial Customers Served (Ref Page: 12)

Name	Type of Industry	Gallons	Pretreatment of Wastes
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**Note:**

See uploaded document 2023 Gallons Disposed, Industrial Customers Served.

**22231700 Warren County Water District 01/01/2023 - 12/31/2023**

**Sewer Plant Statistics - Pumping Stations (Ref Page: 12)**

Location	Size of Motor	Type of Motor	Gals per Day
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**Note:**  
See uploaded document 2023 Lift Station Summary

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Plant Statistics - Mains (Feet) (Ref Page: 12)

Kind of Pipe	Diameter	Num of Feet	additions	removed	Feet End of Year
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Note:  
See uploaded document 2023 Miles of Main Included in Plant.

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Sewer Plant Statistics - Service Laterals and Stubs (Ref Page: 12)

	Count
Number of service laterals owned by the utility at end of year	0
Number of stubs as of end of year	12,767
Number of service laterals owned by others	

22231700 Warren County Water District 01/01/2023 - 12/31/2023

CheckList

Item	Value 1	Value 2	Agree	Explain
Balance Sheet (ref pg 2) Line Utility Plant (101-109) agrees with Sched Summary of Utility Plant (ref. pg 4) Total Utility Plant	89039288.38	89039288.38	OK	
Balance Sheet (ref pg 2) Line Less: Acct 110 agrees with Sched Summary of Utility Plant (ref pg 4) Line Total Utility Plant	20395223.28	20395223.28	OK	
Balance Sheet (ref pg 2) Line Net Utility Plant agrees with Summary of Utility Plant (ref pg 4) Line Net Utility Plant	68644065.10	68644065.10	OK	
Summary of Utility Plant (ref pg 4) Plant in Service Classified (Acct 101) agrees with Sched Sewer Plant in Service (ref pg 5) Total Sewer Plant in Service	85990298.55	85990298.55	OK	
Accum. Prov for Deprec. and Amort (Ref pg 4) Balance End of Year agrees with Sched Summary of Utility Plant (ref pg 4) Accumulated Prov. for Depr. and Amort.	20395223.28	20395223.28	OK	
Balance Sheet (ref pg 3) Sum of Common Capital Stock (201) and Preferred Capital Stock (204) agrees with Schedule Capital Stock (ref pg 6)	0	0	OK	
Balance Sheet (ref pg 3) Unappropriated Retained Earnings (216) agrees with Sched Statement of Retained Earnings (ref pg 7) Balance End of Year	6030781.23	6030781.23	OK	
Balance Sheet (ref pg 3) Total Long Term Debt (224) agrees with Sched Long Term Debt (ref pg 6) Total col d	11689924.95	11689924.95	OK	
Balance Sheet (ref pg 3) The sum of Notes Payable (231) and (233) agrees with Sched Notes Payable (ref pg 6) Total Col e	0	0	OK	
Balance Sheet (ref pg 3) Interest Accrued (237) agrees with Sched Interest Accrued (ref pg 6) Total Col e	146863.83	146863.83	OK	
Balance Sheet (ref pg 3) Current and Accrued Liabilities (238) agrees with Sched Other Current and Accrued Liabilities (ref pg 7) Total	96623.49	96623.49	OK	

22231700 Warren County Water District 01/01/2023 - 12/31/2023

CheckList

Item	Value 1	Value 2	Agree	Explain
Balance Sheet (ref pg 3) Total Liabilities and Other Credits agrees with Balance Sheet (ref pg 2) Total Assets and Other Debits	86834856.09	86834856.09	OK	
Accum Prov. for Depreciation and Amortization (ref. pg 4) Depreciation agrees with Sched Statement of Income for the Year (ref pg 8) Depreciation Expense (403)	1918276.25	1918276.25	OK	
Sched Long Term Debt (ref pg 6) Total Interest Amount agrees with Sched Statement of Income (ref pg 8) Interest on Long Term Debt (427)	378902.07	378902.07	OK	
Interest Accrued (ref pg 6) Total Interest Accrued agrees with Sched Statement of Income (ref pg 8) Other Interest Expense (431)	383828.00	383828.00	OK	
Statement of Income for the Year (ref pg 8) Total Sewer Operation and Maint. Expenses agrees with Sched Sewer Operation and Maintenance Expenses (ref pg 9) Total Sewer Operation and Maint. Exp	4467299.11	4467299.11	OK	
Statement of Income for the Year (ref pg 8) Total Income taxes - Utility Operations agrees with Sched Operating and Non-Operating Income Taxes (ref pg 10) Total Income Taxes - Util Operating Income	0	0	OK	
Statement of Income for the Year (ref pg 8) Amortization Expense agrees with Sched Amortization Expense (ref pg 10) Total Amortization Expense	0	0	OK	
Statement of Income for the Year (ref pg 8) The sum of lines Taxes Other than Income Taxes 408.1 and 408.2 agrees with Taxes Other Than Income (ref pg 10)	8006.34	8006.34	OK	
Statement of Income for the Year (ref pg 8) Total Income Taxes - Nonutility Operations agrees with Sched Operating and Non-Operating Income Taxes Total Inc. Taxes - Nonutil. Op Income	0	0	OK	
Schedule Sewer Plant Statistics (ref pg 11 and 12) have been completed				

22231700 Warren County Water District 01/01/2023 - 12/31/2023

Upload supporting documents

Document	Description	Supports
<a href="#">SD 22231700 2023 1. Sewer Plant Statistics - Industrial Customers Served</a>		Sewer Plant Statistics - Industrial Customers Served
<a href="#">SD 22231700 2023 2. SICRA</a>		OTHER
<a href="#">SD 22231700 2023 3. Sewer Plant Statistics - Pumping Stations</a>		Sewer Plant Statistics - Pumping Stations
<a href="#">SD 22231700 2023 4. 2023 Miles of Main Included in Plant</a>		Sewer Plant Statistics - Mains (Feet)
<a href="#">SD 22231700 2023 5. 2023 Audit</a>		Audit Report



OATH

Commonwealth of Kentucky )  
 ) ss:  
County of Warren )

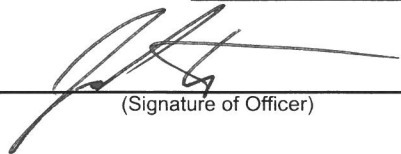
Jacob Cuarta makes oath and says  
(Name of Officer)

that he/she is General Manager of  
(Official title of officer)

Warren County Water District  
(Exact legal title or name of respondent)

that it is his/her duty to have supervision over the books of account of the respondent and to control the manner in which such books are kept; that he/she knows that such books have, during the period covered by the foregoing report, been kept in good faith in accordance with the accounting and other orders of the Public Service Commission of Kentucky, effective during the said period; that he/she has carefully examined the said report and to have the best of his/her knowledge and belief the entries contained in the said report have, so far as they relate to matters of account, been accurately taken from the said books of account and are in exact accordance therewith; that he/she believes that all other statements of fact contained in the said report are true; and that the said report is a correct and complete statement of the business and affairs of the above-named respondent during the period of time from and including

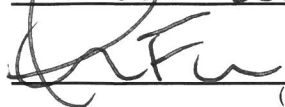
January 1, 2023 , to and including December 31, 2023

  
(Signature of Officer)

subscribed and sworn to before me, a Notary Public , in and for

the State and County named in the above this 27<sup>th</sup> day of March, 2024

My Commission expires November 29, 2027

  
(Signature of officer authorized to administer oath)

