

BOARD OF DIRECTORS

May 16th, 2023

BEDFORD REGIONAL WATER AUTHORITY

Providing quality service to everyone.



1723 Falling Creek Road, Bedford, VA 24523-3137



540.586.7679



540.586.5805



www.brwa.com

MEETING NOTES

To: BRWA Board of Directors
From: Brian M. Key, PE; Executive Director
Date: May 9, 2023
Re: Notes for the May 16, 2023 Board of Directors Meeting

As is the case every spring, the agenda is quite full with items related to the rates and the budget. Below are a few notes, with the numbering below corresponding to the agenda items.

3. There will be a public hearing for the rate adjustments. Jill will make a presentation about the details of the rate adjustment calculations. No action can be taken until after the hearing is closed.
4. **Resolution 2023-05.01:** If the board decides to proceed with setting the rates as advertised, this resolution is included for consideration.
5. The public comment period for issues not related to the rates is a little later in the agenda than normal; this is to allow anyone from the public, who attends to only hear about the rates, to be able to leave without having to sit through the rest of the meeting.
- 7.a. Our financial position for the current fiscal year looks good; we are trending to end the year with a little more revenue than expenditures.
- 7.b. **Resolution 2023-05.02:** If the board decides to proceed with setting the rates as advertised, this resolution to adopt the Rate Policy 2.00 is included for consideration.
- 7.c. **Resolution 2023-05.03:** If the rates are adopted, there are a few descriptions of the new rates need to be added to the policy and a few descriptions need to be modified. This resolution for consideration is to adopt the Rate Information Policy 2.01.
- 9.b. Megan will discuss PFAS with the board, and talk about the Authority's plans for transparent communication.
- 10.b. **Resolution 2023-05.04:** The capital improvement projects list is included for the board to consider adopting the CIP budget. Also included is a draft of the Capital Improvement Plan, which will be published on our website if the board approves the CIP budget.
13. The Personnel Committee requested to have a closed session to review the annual performance evaluation of me as the Executive Director. Based on the Committee's review, I have placed a DRAFT of my goals for the next fiscal year in the CLOSED SESSION folder in Dropbox; the committee will bring additional information to share in the closed session.

If you have any questions about any of the information contained in your board packets, or if you are not going to be able to attend the meeting, please contact me ASAP prior to the board meeting.

AGENDA

NOTICE AND AGENDA

To: Board of Directors
From: Brian Key – Executive Director
Date: May 9, 2023
Re: Notice of Board Meeting and Agenda

A regular meeting of the Board of Directors of the Bedford Regional Water Authority (“Authority”) will be held on **Tuesday, May 16, 2023 at 7:00 p.m.** in the **Board Meeting Room** of the Authority located in the **Annex** building at **1723 Falling Creek Road in Bedford County**. The public can provide input and/or join the meeting in-person or in the following ways:

- Join the Zoom meeting with **audio/video** by electronic device (computer, phone, tablet):
<https://us02web.zoom.us/j/88687572611?pwd=WXY1NWFiK3RmOUhDZTBBSi6YVFYzZ09>
 - Meeting ID: 886 8757 2611; Passcode: 2MFZMM
- Join the Zoom meeting with **audio only** by phone:
 - Phone Numbers:
 - (470) 381 2552, (646) 518 9805, (786) 635 1003, (267) 831 0333
 - Meeting ID: 886 8757 2611; Passcode: 415863
- Click on the link to the online meeting on our Facebook page or website
 - www.brwa.com (Navigate to “Get In Touch/Calendar” and find the date of the meeting)
 - <https://www.facebook.com/bedfordwater>

The following Agenda is proposed for discussion:

1. Call to Order
 - a. Pledge of Allegiance
 - b. Moment of Silence
2. Review of Agenda
3. Public Hearing for Rate Adjustments
 - a. Open Public Hearing
 - b. Presentation about Rates
 - c. Public Comments about Rates
 - d. Close Public Hearing
4. Action Item Following Rate Hearing
 - a. **Resolution 2023-05.01:** Rates
5. Public Comments for all issues other than the public hearing
6. Approval of Minutes: April 18, 2023 – Regular Board Meeting
7. Financial Report: Presented by Jill Underwood
 - a. Financial Statements through month end April 2023
 - b. **Resolution 2023-05.02:** Rate Information Policy
 - c. **Resolution 2023-05.03:** Operating Budget
8. Operations Report: Presented by Thomas Cherro

To: Board of Directors
From: Brian Key – Executive Director
Date: May 9, 2023
Re: Notice of Board Meeting and Agenda

9. Administration Report: Presented by Megan Pittman
 - a. Public Relations Report
 - b. PFAS Notifications
10. Projects Report: Presented by Rhonda English
 - a. Summary of Projects
 - b. **Resolution 2023-05.04:** Capital Budget
11. Executive Report: Presented by Brian Key
12. Other business not covered on the above agenda
13. Closed Session Pursuant to Section 2.2-3711 A. 1 of the Code of Virginia, specifically for discussions related to personnel including the annual evaluation of the Executive Director.
14. Motion to Adjourn

The Bedford Regional Water Authority ("BRWA") will hold a public hearing on May 16, 2023 at 7:00 p.m. for the purpose of receiving comments about the proposed changes of rates as shown herein. Descriptions of the rates, and details on how to join the meeting, can be found at www.brwa.com.

The rates will not be adopted until after the public hearing. The rates are scheduled to take effect June 1, 2023 and be utilized for all billing statements after June 30, 2023.

Please direct questions to 540-586-7679 or rates@brwa.com.

| Existing Customer Fees | Water | Sewer |
|---|------------|------------|
| A. Volume Charges (per 1000 gallons) | | |
| Residential & Commercial | \$6.50 | \$8.50 |
| Industrial | \$5.75 | \$7.75 |
| B. Base Charges (per Month) Based on meter size | | |
| 5/8" | \$27.00 | \$27.00 |
| 3/4" | \$38.00 | \$38.00 |
| 1" | \$63.00 | \$63.00 |
| 1-1/2" | \$108.00 | \$108.00 |
| 2" | \$173.00 | \$173.00 |
| 3" | \$324.00 | \$324.00 |
| 4" | \$540.00 | \$540.00 |
| 6" | \$1,080.00 | \$1,080.00 |
| 8" | \$1,755.00 | \$1,755.00 |
| 10" | \$2,970.00 | \$2,970.00 |
| B. Base Charges for Special Service Areas (per Month) Based on Meter | | |
| Cedar Rock 5/8" | \$27.00 | \$70.00 |
| Paradise Point 5/8" | \$39.00 | n/a |
| Mariners Landing 5/8" | \$27.00 | \$35.00 |
| Mariners Landing 1" | \$63.00 | \$82.00 |

| Connection Charges | |
|---|--------------|
| B. Capital Recovery Fee - WATER (Based on Meter Size) | |
| 5/8" | \$5,000.00 |
| 3/4" | \$7,000.00 |
| 1" | \$12,000.00 |
| 1-1/2" | \$20,000.00 |
| 2" | \$32,000.00 |
| 3" | \$60,000.00 |
| 4" | \$100,000.00 |
| 6" | \$200,000.00 |
| 8" | \$346,000.00 |
| C. Tap Fee | |
| Water | |
| 5/8" | \$1,600.00 |
| 3/4" | \$1,800.00 |
| 1" | \$2,000.00 |
| Sewer | |
| 4" | \$2,500.00 |
| 6" | \$2,700.00 |

| Other Charges and Fees | |
|---|------------|
| G. Unauthorized Connection and Tampering Fee | |
| 1st Occurrence | \$1,000.00 |
| 2nd Occurrence | \$1,500.00 |
| 3rd (and subsequent) Occurrence(s) | \$2,500.00 |
| Engineering Service Charges | |
| H.1. Small Grinder Pump Station Review (per unit) | \$500.00 |
| H.2. Small Grinder Pump Station Reinstatement Inspection Fee (per unit) | \$300.00 |

Monthly WATER Bill Increase (\$) for Average Residential Customer

(based on 4,000 gallons per month)



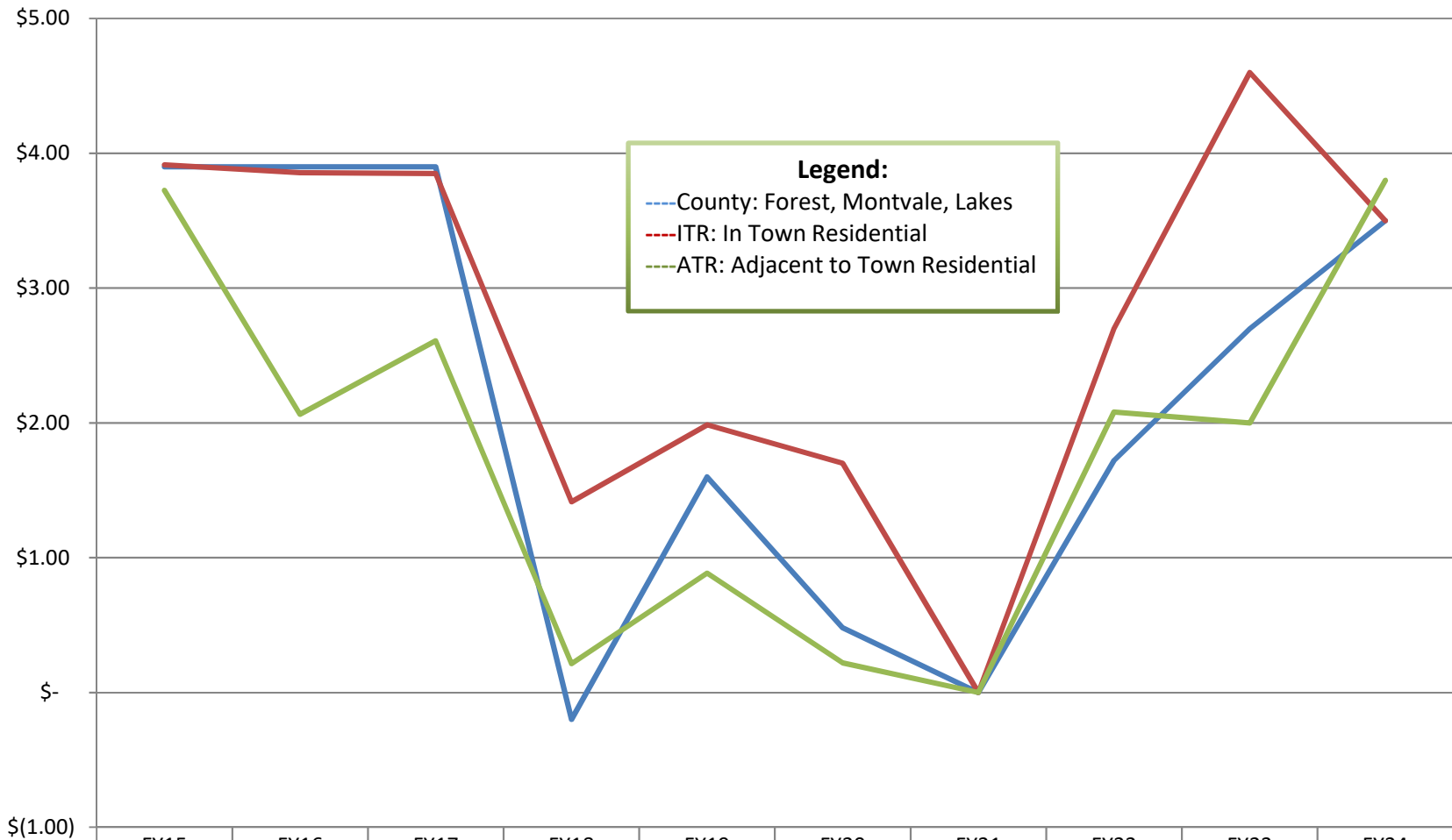
| | FY15 | FY16 | FY17 | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 |
|--------|--------|--------|--------|--------|--------|--------|------|--------|--------|--------|
| County | \$3.26 | \$2.90 | \$3.20 | \$1.00 | \$1.20 | \$1.40 | \$- | \$1.80 | \$1.80 | \$4.00 |
| ITR | \$3.56 | \$3.59 | \$5.75 | \$2.50 | \$2.55 | \$3.00 | \$- | \$3.40 | \$3.80 | \$6.00 |
| ATR | \$3.50 | \$3.90 | \$3.75 | \$1.20 | \$1.55 | \$2.00 | \$- | \$2.40 | \$3.30 | \$5.50 |

| Monthly Water Bills | | FY22 | FY23 | FY24 |
|--|--------------|-------------|-------------|--------------|
| Changes to the Bills (displayed in %) | | | | |
| County Customers | | | | |
| 5/8" Meter: | | | | |
| | 2,000 | 4.1% | 3.9% | 8.1% |
| | 4,000 | 4.0% | 3.8% | 8.2% |
| | 8,000 | 3.8% | 3.7% | 8.2% |
| | 10,000 | 3.8% | 3.7% | 8.2% |
| | 12,000 | 3.8% | 3.6% | 8.2% |
| 1" Meter: | | | | |
| | 20,000 | 4.3% | 4.4% | 9.3% |
| | 40,000 | 4.0% | 4.0% | 8.9% |
| In Town Residential (ITR) Customers | | | | |
| 5/8" Meter: | | | | |
| | 2,000 | 7.0% | 7.1% | 11.1% |
| | 4,000 | 8.5% | 8.8% | 12.8% |
| | 8,000 | 10.2% | 10.6% | 14.5% |
| | 10,000 | 10.8% | 11.1% | 15.0% |
| | 12,000 | 11.2% | 11.5% | 15.4% |
| Adjacent to Town Residential (ATR) Customers | | | | |
| 5/8" Meter: | | | | |
| | 2,000 | 3.6% | 5.5% | 9.6% |
| | 4,000 | 5.7% | 7.5% | 11.6% |
| | 8,000 | 8.2% | 9.6% | 13.7% |
| | 10,000 | 10.8% | 11.1% | 15.0% |
| | 12,000 | 11.2% | 11.5% | 15.4% |
| In Town Commercial (ITC) Customers | | | | |
| 5/8" Meter: | | | | |
| | 4,000 | 8.5% | 8.8% | 12.8% |
| | 8,000 | 10.2% | 10.6% | 14.5% |
| 1" Meter: | | | | |
| | 20,000 | 11.2% | 11.7% | 15.9% |
| | 40,000 | 12.4% | 12.9% | 16.8% |
| 1.5" Meter: | | | | |
| | 30,000 | 11.4% | 12.0% | 15.6% |
| | 60,000 | 12.5% | 13.0% | 16.6% |
| 2" Meter: | | | | |
| | 100,000 | 14.3% | 12.7% | 15.9% |
| | 200,000 | 14.3% | 13.5% | 16.9% |
| Adjacent to Town Commercial (ATC) Customers | | | | |
| 5/8" Meter: | | | | |
| | 4,000 | 1.2% | 2.0% | 6.4% |
| | 8,000 | 3.3% | 4.3% | 8.8% |
| 1" Meter | | | | |
| | 20,000 | 6.7% | 7.5% | 12.2% |
| | 40,000 | 7.3% | 8.3% | 12.9% |

| Monthly Water Bills | | FY22 | FY23 | FY24 |
|--|----|--------|------|--------|
| Changes to the Bills (displayed in \$\$) | | | | |
| County Customers | | | | |
| 5/8" Meter: | | | | |
| 2,000 | \$ | 1.40 | \$ | 1.40 |
| 4,000 | \$ | 1.80 | \$ | 1.80 |
| 8,000 | \$ | 2.60 | \$ | 2.60 |
| 10,000 | \$ | 3.00 | \$ | 3.00 |
| 12,000 | \$ | 3.40 | \$ | 3.40 |
| 1" Meter: | | | | |
| 20,000 | \$ | 7.00 | \$ | 7.50 |
| 40,000 | \$ | 11.00 | \$ | 11.50 |
| In Town Residential (ITR) Customers | | | | |
| 5/8" Meter: | | | | |
| 2,000 | \$ | 2.20 | \$ | 2.40 |
| 4,000 | \$ | 3.40 | \$ | 3.80 |
| 8,000 | \$ | 5.80 | \$ | 6.60 |
| 10,000 | \$ | 7.00 | \$ | 8.00 |
| 12,000 | \$ | 8.20 | \$ | 9.40 |
| Adjacent to Town Residential (ATR) Customers | | | | |
| 5/8" Meter: | | | | |
| 2,000 | \$ | 1.20 | \$ | 1.90 |
| 4,000 | \$ | 2.40 | \$ | 3.30 |
| 8,000 | \$ | 4.80 | \$ | 6.10 |
| 10,000 | \$ | 7.00 | \$ | 8.00 |
| 12,000 | \$ | 8.20 | \$ | 9.40 |
| In Town Commercial (ITC) Customers | | | | |
| 5/8" Meter: | | | | |
| 4,000 | \$ | 3.40 | \$ | 3.80 |
| 8,000 | \$ | 5.80 | \$ | 6.60 |
| 1" Meter: | | | | |
| 20,000 | \$ | 15.00 | \$ | 17.50 |
| 40,000 | \$ | 27.00 | \$ | 31.50 |
| 1.5" Meter: | | | | |
| 30,000 | \$ | 24.00 | \$ | 28.00 |
| 60,000 | \$ | 42.00 | \$ | 49.00 |
| 2" Meter: | | | | |
| 100,000 | \$ | 79.00 | \$ | 80.00 |
| 200,000 | \$ | 139.00 | \$ | 150.00 |
| Adjacent to Town Commercial (ATC) Customers | | | | |
| 5/8" Meter: | | | | |
| 4,000 | \$ | 0.60 | \$ | 1.00 |
| 8,000 | \$ | 2.20 | \$ | 3.00 |
| 1" Meter | | | | |
| 20,000 | \$ | 10.00 | \$ | 12.00 |
| 40,000 | \$ | 18.00 | \$ | 22.00 |
| Average change per month for 4k cus | | | | |
| | \$ | 2.32 | \$ | 2.74 |
| | \$ | | \$ | 4.94 |

Monthly SEWER Bill Increase (\$) for Average Residential Customer

(based on 4,000 gallons per month)



| | FY15 | FY16 | FY17 | FY18 | FY19 | FY20 | FY21 | FY22 | FY23 | FY24 |
|--------|--------|--------|--------|----------|--------|--------|------|--------|--------|--------|
| County | \$3.90 | \$3.90 | \$3.90 | \$(0.20) | \$1.60 | \$0.48 | \$- | \$1.72 | \$2.70 | \$3.50 |
| ITR | \$3.91 | \$3.86 | \$3.85 | \$1.41 | \$1.99 | \$1.70 | \$- | \$2.70 | \$4.60 | \$3.50 |
| ATR | \$3.73 | \$2.06 | \$2.61 | \$0.21 | \$0.89 | \$0.22 | \$- | \$2.08 | \$2.00 | \$3.80 |

| Monthly Sewer Bills | | FY22 | FY23 | FY24 |
|--|---------|-------|------|------|
| Changes to the Bills (displayed in %) | | | | |
| County Customers | | | | |
| 5/8" Meter: | | | | |
| | 2,000 | 3.6% | 5.3% | 6.0% |
| | 4,000 | 3.2% | 4.9% | 6.1% |
| | 8,000 | 2.9% | 4.6% | 6.1% |
| | 10,000 | 2.9% | 4.5% | 6.2% |
| | 12,000 | 2.8% | 4.4% | 6.2% |
| 1" Meter: | | | | |
| | 20,000 | 5.0% | 6.7% | 8.1% |
| | 40,000 | 3.9% | 5.5% | 7.3% |
| In Town Residential (ITR) Customers | | | | |
| 5/8" Meter: | | | | |
| | 2,000 | 3.1% | 6.5% | 3.8% |
| | 4,000 | 5.4% | 8.7% | 6.1% |
| | 8,000 | 5.6% | 9.1% | 6.6% |
| | 10,000 | 5.6% | 9.2% | 6.8% |
| | 12,000 | 5.6% | 9.2% | 6.9% |
| Adjacent to Town Residential (ATR) Customers | | | | |
| 5/8" Meter: | | | | |
| | 2,000 | 2.4% | 1.9% | 4.8% |
| | 4,000 | 3.9% | 3.6% | 6.6% |
| | 8,000 | 3.1% | 3.7% | 5.6% |
| | 10,000 | 2.9% | 3.7% | 5.3% |
| | 12,000 | 2.8% | 3.7% | 5.0% |
| In Town Commercial (ITC) Customers | | | | |
| 5/8" Meter: | | | | |
| | 4,000 | 3.6% | 8.1% | 6.8% |
| | 8,000 | 3.2% | 7.0% | 5.7% |
| 1" Meter: | | | | |
| | 20,000 | 4.1% | 7.1% | 5.8% |
| | 40,000 | 3.4% | 6.3% | 4.9% |
| 1.5" Meter: | | | | |
| | 30,000 | 4.6% | 7.8% | 6.0% |
| | 60,000 | 3.8% | 6.7% | 5.0% |
| 2" Meter: | | | | |
| | 100,000 | 3.1% | 6.0% | 4.6% |
| | 200,000 | 2.9% | 5.6% | 4.2% |
| Adjacent to Town Commercial (ATC) Customers | | | | |
| 5/8" Meter: | | | | |
| | 4,000 | 1.7% | 3.3% | 2.7% |
| | 8,000 | 0.6% | 2.5% | 2.2% |
| 1" Meter | | | | |
| | 20,000 | -0.3% | 2.7% | 2.5% |
| | 40,000 | -0.7% | 2.1% | 1.9% |

| Monthly Sewer Bills | | FY22 | | FY23 | | FY24 | |
|--|----|--------|------|-------|------|-------|------|
| Changes to the Bills (displayed in \$) | | | | | | | |
| County Customers | | | | | | | |
| 5/8" Meter: | | | | | | | |
| 2,000 | \$ | 1.36 | \$ | 2.10 | \$ | 2.50 | |
| 4,000 | \$ | 1.72 | \$ | 2.70 | \$ | 3.50 | |
| 8,000 | \$ | 2.44 | \$ | 3.90 | \$ | 5.50 | |
| 10,000 | \$ | 2.80 | \$ | 4.50 | \$ | 6.50 | |
| 12,000 | \$ | 3.16 | \$ | 5.10 | \$ | 7.50 | |
| 1" Meter: | | | | | | | |
| 20,000 | \$ | 9.60 | \$ | 13.50 | \$ | 17.50 | |
| 40,000 | \$ | 13.20 | \$ | 19.50 | \$ | 27.50 | |
| In Town Residential (ITR) Customers | | | | | | | |
| 5/8" Meter: | | | | | | | |
| 2,000 | \$ | 1.20 | \$ | 2.60 | \$ | 1.60 | |
| 4,000 | \$ | 2.70 | \$ | 4.60 | \$ | 3.50 | |
| 8,000 | \$ | 4.30 | \$ | 7.40 | \$ | 5.90 | |
| 10,000 | \$ | 5.10 | \$ | 8.80 | \$ | 7.10 | |
| 12,000 | \$ | 5.90 | \$ | 10.20 | \$ | 8.30 | |
| Adjacent to Town Residential (ATR) Customers | | | | | | | |
| 5/8" Meter: | | | | | | | |
| 2,000 | \$ | 0.96 | \$ | 0.80 | \$ | 2.00 | |
| 4,000 | \$ | 2.08 | \$ | 2.00 | \$ | 3.80 | |
| 8,000 | \$ | 2.64 | \$ | 3.20 | \$ | 5.00 | |
| 10,000 | \$ | 2.92 | \$ | 3.80 | \$ | 5.60 | |
| 12,000 | \$ | 3.20 | \$ | 4.40 | \$ | 6.20 | |
| In Town Commercial (ITC) Customers | | | | | | | |
| 5/8" Meter: | | | | | | | |
| 4,000 | \$ | 1.84 | \$ | 4.30 | \$ | 3.90 | |
| 8,000 | \$ | 2.64 | \$ | 5.90 | \$ | 5.10 | |
| 1" Meter: | | | | | | | |
| 20,000 | \$ | 8.04 | \$ | 14.70 | \$ | 12.70 | |
| 40,000 | \$ | 12.04 | \$ | 22.70 | \$ | 18.70 | |
| 1.5" Meter: | | | | | | | |
| 30,000 | \$ | 14.04 | \$ | 24.70 | \$ | 20.70 | |
| 60,000 | \$ | 20.04 | \$ | 36.70 | \$ | 29.70 | |
| 2" Meter: | | | | | | | |
| 100,000 | \$ | 28.04 | \$ | 55.70 | \$ | 44.70 | |
| 200,000 | \$ | 48.04 | \$ | 95.70 | \$ | 74.70 | |
| Adjacent to Town Commercial (ATC) Customers | | | | | | | |
| 5/8" Meter: | | | | | | | |
| 4,000 | \$ | 0.98 | \$ | 1.90 | \$ | 1.60 | |
| 8,000 | \$ | 0.58 | \$ | 2.30 | \$ | 2.00 | |
| 1" Meter | | | | | | | |
| 20,000 | \$ | (0.62) | \$ | 6.00 | \$ | 5.70 | |
| 40,000 | \$ | (2.62) | \$ | 8.00 | \$ | 7.70 | |
| Average Increase for 4k customers | | \$ | 1.86 | \$ | 3.10 | \$ | 3.26 |

Schedule I**Monthly Water and Sewer Bills - Total Combined Bill**

| | | FY22 | FY23 | FY24 |
|-------------------------|----|----------|-------------|-------------|
| County Customers | | | | |
| 5/8" Meter: | | | | |
| 1,000 | \$ | 61.50 | \$ 64.50 | \$ 69.00 |
| 2,000 | \$ | 75.00 | \$ 78.50 | \$ 84.00 |
| 4,000 | \$ | 102.00 | \$ 106.50 | \$ 114.00 |
| 8,000 | \$ | 156.00 | \$ 162.50 | \$ 174.00 |
| 10,000 | \$ | 183.00 | \$ 190.50 | \$ 204.00 |
| 12,000 | \$ | 210.00 | \$ 218.50 | \$ 234.00 |
| 1" Meter: | | | | |
| 20,000 | \$ | 371.00 | \$ 392.00 | \$ 426.00 |
| 40,000 | \$ | 641.00 | \$ 672.00 | \$ 726.00 |
| 1.5" Meter: | | | | |
| 30,000 | \$ | 577.00 | \$ 612.00 | \$ 666.00 |
| 60,000 | \$ | 982.00 | \$ 1,032.00 | \$ 1,116.00 |
| 2" Meter: | | | | |
| 100,000 | \$ | 1,610.00 | \$ 1,701.50 | \$ 1,846.00 |
| 200,000 | \$ | 2,960.00 | \$ 3,101.50 | \$ 3,346.00 |
| ITR Customers | | | | |
| 5/8" Meter: | | | | |
| 1,000 | \$ | 62.70 | \$ 65.70 | \$ 69.00 |
| 2,000 | \$ | 73.40 | \$ 78.40 | \$ 84.00 |
| 4,000 | \$ | 96.10 | \$ 104.50 | \$ 114.00 |
| 8,000 | \$ | 144.10 | \$ 158.10 | \$ 174.00 |
| 10,000 | \$ | 168.10 | \$ 184.90 | \$ 204.00 |
| 12,000 | \$ | 192.10 | \$ 211.70 | \$ 234.00 |
| ATR Customers | | | | |
| 5/8" Meter: | | | | |
| 1,000 | \$ | 63.90 | \$ 65.50 | \$ 69.00 |
| 2,000 | \$ | 74.80 | \$ 78.00 | \$ 84.00 |
| 4,000 | \$ | 98.40 | \$ 104.20 | \$ 114.00 |
| 8,000 | \$ | 149.20 | \$ 159.00 | \$ 174.00 |
| 10,000 | \$ | 174.60 | \$ 186.40 | \$ 204.00 |
| 12,000 | \$ | 200.00 | \$ 213.80 | \$ 234.00 |
| ITC Customers | | | | |
| 5/8" Meter: | | | | |
| 4,000 | \$ | 96.00 | \$ 104.10 | \$ 114.00 |
| 8,000 | \$ | 146.40 | \$ 158.90 | \$ 174.00 |
| 1" Meter: | | | | |
| 20,000 | \$ | 354.60 | \$ 386.80 | \$ 426.00 |
| 40,000 | \$ | 606.60 | \$ 660.80 | \$ 726.00 |

| | | | | |
|---------------|----|----------|-------------|-------------|
| 1.5" Meter: | | | | |
| 30,000 | \$ | 551.60 | \$ 604.30 | \$ 666.00 |
| 60,000 | \$ | 929.60 | \$ 1,015.30 | \$ 1,116.00 |
| | | FY22 | FY23 | FY24 |
| 2" Meter: | | | | |
| 100,000 | \$ | 1,552.60 | \$ 1,688.30 | \$ 1,846.00 |
| 200,000 | \$ | 2,812.60 | \$ 3,058.30 | \$ 3,346.00 |
| ATC Customers | | | | |
| 5/8" Meter: | | | | |
| 4,000 | \$ | 106.30 | \$ 109.20 | \$ 114.00 |
| 8,000 | \$ | 160.30 | \$ 165.60 | \$ 174.00 |
| 1" Meter: | | | | |
| 20,000 | \$ | 381.30 | \$ 399.30 | \$ 426.00 |
| 40,000 | \$ | 651.30 | \$ 681.30 | \$ 726.00 |

Schedule J
Monthly Water and Sewer Bills - Changes (in %)

| | FY22 | FY23 | FY24 |
|-------------------------|------|------|------|
| County Customers | | | |
| 5/8" Meter: | | | |
| 2,000 | 4% | 5% | 7% |
| 4,000 | 4% | 4% | 7% |
| 8,000 | 3% | 4% | 7% |
| 10,000 | 3% | 4% | 7% |
| 12,000 | 3% | 4% | 7% |
| 1" Meter: | | | |
| 20,000 | 5% | 6% | 9% |
| 40,000 | 4% | 5% | 8% |
| 1.5" Meter: | | | |
| 30,000 | 5% | 6% | 9% |
| 60,000 | 4% | 5% | 8% |
| 2" Meter: | | | |
| 100,000 | 5% | 6% | 8% |
| 200,000 | 4% | 5% | 8% |
| ITR Customers | | | |
| 5/8" Meter: | | | |
| 2,000 | 5% | 7% | 7% |
| 4,000 | 6.8% | 8.7% | 9.1% |
| 8,000 | 8% | 10% | 10% |
| 10,000 | 8% | 10% | 10% |
| 12,000 | 8% | 10% | 11% |
| ATR Customers | | | |
| 5/8" Meter: | | | |
| 2,000 | 4% | 4% | 8% |
| 4,000 | 5.9% | 5.9% | 9.4% |
| 8,000 | 6% | 7% | 9% |
| 10,000 | 6% | 7% | 9% |
| 12,000 | 6% | 7% | 9% |
| ITC Customers | | | |
| 5/8" Meter: | | | |
| 4,000 | 6% | 8% | 10% |
| 8,000 | 6% | 9% | 10% |
| 1" Meter: | | | |
| 20,000 | 7% | 9% | 10% |
| 40,000 | 7% | 9% | 10% |
| 1.5" Meter: | | | |
| 30,000 | 7% | 10% | 10% |

| | | | | |
|----------------------|---------|------|------|------|
| | 60,000 | 7% | 9% | 10% |
| | | FY22 | FY23 | FY24 |
| 2" Meter: | | | | |
| | 100,000 | 7% | 9% | 9% |
| | 200,000 | 7% | 9% | 9% |
| ATC Customers | | | | |
| 5/8" Meter: | | | | |
| | 4,000 | 2% | 3% | 4% |
| | 8,000 | 2% | 3% | 5% |
| 1" Meter | | | | |
| | 20,000 | 3% | 5% | 7% |
| | 40,000 | 2% | 5% | 7% |

Schedule K
Monthly Water and Sewer Bills - Changes (in \$\$)

| | | FY22 | FY23 | FY24 |
|-------------------------|----|--------|-----------|-----------|
| County Customers | | | | |
| 5/8" Meter: | | | | |
| 2,000 | \$ | 2.76 | \$ 3.50 | \$ 5.50 |
| 4,000 | \$ | 3.52 | \$ 4.50 | \$ 7.50 |
| 8,000 | \$ | 5.04 | \$ 6.50 | \$ 11.50 |
| 10,000 | \$ | 5.80 | \$ 7.50 | \$ 13.50 |
| 12,000 | \$ | 6.56 | \$ 8.50 | \$ 15.50 |
| 1" Meter: | | | | |
| 20,000 | \$ | 16.60 | \$ 21.00 | \$ 34.00 |
| 40,000 | \$ | 24.20 | \$ 31.00 | \$ 54.00 |
| 1.5" Meter: | | | | |
| 30,000 | \$ | 27.40 | \$ 35.00 | \$ 54.00 |
| 60,000 | \$ | 38.80 | \$ 50.00 | \$ 84.00 |
| 2" Meter: | | | | |
| 100,000 | \$ | 78.00 | \$ 91.50 | \$ 144.50 |
| 200,000 | \$ | 116.00 | \$ 141.50 | \$ 244.50 |
| ITR Customers | | | | |
| 5/8" Meter: | | | | |
| 2,000 | \$ | 3.40 | \$ 5.00 | \$ 5.60 |
| 4,000 | \$ | 6.10 | \$ 8.40 | \$ 9.50 |
| 8,000 | \$ | 10.10 | \$ 14.00 | \$ 15.90 |
| 10,000 | \$ | 12.10 | \$ 16.80 | \$ 19.10 |
| 12,000 | \$ | 14.10 | \$ 19.60 | \$ 22.30 |
| ATR Customers | | | | |
| 5/8" Meter: | | | | |
| 2,000 | \$ | 3.16 | \$ 3.20 | \$ 6.00 |
| 4,000 | \$ | 5.48 | \$ 5.80 | \$ 9.80 |
| 8,000 | \$ | 8.44 | \$ 9.80 | \$ 15.00 |
| 10,000 | \$ | 9.92 | \$ 11.80 | \$ 17.60 |
| 12,000 | \$ | 11.40 | \$ 13.80 | \$ 20.20 |
| ITC Customers | | | | |
| 5/8" Meter: | | | | |
| 4,000 | \$ | 5.24 | \$ 8.10 | \$ 9.90 |
| 8,000 | \$ | 8.44 | \$ 12.50 | \$ 15.10 |
| 1" Meter: | | | | |
| 20,000 | \$ | 23.04 | \$ 32.20 | \$ 39.20 |
| 40,000 | \$ | 39.04 | \$ 54.20 | \$ 65.20 |
| 1.5" Meter: | | | | |
| 30,000 | \$ | 38.04 | \$ 52.70 | \$ 61.70 |
| 60,000 | \$ | 62.04 | \$ 85.70 | \$ 100.70 |

| | | FY22 | FY23 | FY24 |
|----------------------|---------|-----------|-----------|-----------|
| 2" Meter: | | | | |
| | 100,000 | \$ 107.04 | \$ 135.70 | \$ 157.70 |
| | 200,000 | \$ 187.04 | \$ 245.70 | \$ 287.70 |
| ATC Customers | | | | |
| 5/8" Meter: | | | | |
| | 4,000 | \$ 1.58 | \$ 2.90 | \$ 4.80 |
| | 8,000 | \$ 2.78 | \$ 5.30 | \$ 8.40 |
| 1" Meter | | | | |
| | 20,000 | \$ 9.38 | \$ 18.00 | \$ 26.70 |
| | 40,000 | \$ 15.38 | \$ 30.00 | \$ 44.70 |



1723 Falling Creek Road
Bedford, VA 24523-3137
(540) 586-7679 (phone)
(540) 586-5805 (fax)
www.brwa.com

RESOLUTION MEMORANDUM

To: BRWA Board of Directors
From: Jill Underwood, Director of Finance
Date: May 8, 2023
Re: Resolution 2023-05.01 – Rate Policy 2.00

Attached is the above stated resolution for your consideration.

This resolution is necessary to adopt the rates and support the FY 2024 operating budget, which will be presented and approved later in the agenda.

A copy of the advertisement showing the proposed rate changes was presented during the rate hearing portion of the meeting.

RATES

Section 1. PURPOSE

A complete description of the rates can be found in the Rate Information Policy 2.01.

The policy is to document the current rates of the Bedford Regional Water Authority (“Authority”). When the Authority was established, it was agreed that the rates would be equalized over a ten (10) year period. By July 1, 2023 it is the intention of the Authority that customers in the Town of Bedford and the County of Bedford will have the same rates.

Section 2. FIXED CHARGES AND COMMODITY CHARGES: These charges are for existing customers.

Volume Charges:

Volume Charges are rates per 1,000 gallons.

| Customer Type | Water | Sewer |
|--------------------------|---------------|---------------|
| Residential & Commercial | \$6.50 | \$8.50 |
| Industrial | \$5.75 | \$7.75 |
| Bulk Filling | \$12.00 | n/a |

Base Charges:

Base Charges are per month.

| Meter Size | Water | Sewer |
|---------------------|-------------------|-------------------|
| 5/8" | \$27.00 | \$27.00 |
| 3/4" | \$38.00 | \$38.00 |
| 1" | \$63.00 | \$63.00 |
| 1-1/2" | \$108.00 | \$108.00 |
| 2" | \$173.00 | \$173.00 |
| 3" | \$324.00 | \$324.00 |
| 4" | \$540.00 | \$540.00 |
| 6" | \$1,080.00 | \$1,080.00 |
| 8" | \$1,755.00 | \$1,755.00 |
| 10" | \$2,970.00 | \$2,970.00 |
| Cedar Rock 5/8" | \$27.00 | \$70.00 |
| Paradise Point 5/8" | \$39.00 | n/a |
| Mariners 5/8" | \$27.00 | \$35.00 |
| Mariners 1" | \$63.00 | \$82.00 |

RATES

Section 3. NEW CUSTOMER FEES:

These charges are primarily for new customers. For meter sizes large than 2-inch, please contact the Authority.

| Customer Type or Meter Size | All Service Areas | |
|--|-------------------|----------------|
| | Water | Sewer |
| Deposits – See Deposit Policy | | |
| Residential | \$125 | \$125 |
| Non-Residential | \$425 | \$425 |
| Capital Recovery Fees – See Rate Information Policy | | |
| 5/8" | \$5,000 | \$5,900 |
| 3/4" | \$7,000 | \$9,000 |
| 1" | \$12,000 | \$14,000 |
| 1-1/2" | \$20,000 | \$24,000 |
| 2" | \$32,000 | \$38,000 |
| 3" | \$60,000 | \$71,000 |
| 4" | \$100,000 | \$118,000 |
| 6" | \$200,000 | \$236,000 |
| 8" | \$346,000 | \$384,000 |
| Tap Fees – See Rate Information Policy | | |
| 5/8" w & 4" s | \$1,600 | \$2,500 |
| 3/4" w & 4" s | \$1,800 | \$2,500 |
| 1" w & 6" s | \$2,000 | \$2,700 |
| Meter Fees – See Rate Information Policy | | |
| 5/8" | \$275 | |
| 3/4" | \$425 | |
| 1" | \$450 | |

RATES

Section 4. OTHER RATES AND CHARGES

Please see the Rate Information Policy 2.01 for a complete description of the following rates and charges.

| | |
|--|---------|
| Credit Card Payment Convenience Fee (per transaction) | \$3 |
| Fire Suppression Service Fee (per month) | \$100 |
| Application Fee | \$25 |
| Late Payment Charges (Penalties based on balance) | 10% |
| Septage Treatment (per 1000 gallons) | \$60 |
| Wastewater Pretreatment Permit | \$100 |
| Unauthorized Connection and Tampering Fee – First Occurrence | \$1,000 |
| Unauthorized Connection and Tampering Fee – Second Occurrence | \$1,500 |
| Unauthorized Connection and Tampering Fee – Third Occurrence | \$2,500 |
| Processing Fee | \$50 |
| Repeat Service Fee (Meter re-read, multiple trips for meter install) | \$20 |
| Meter Test Fee (no charge if defective meter is found) | \$50 |
| Returned Check Fee (insufficient funds) | \$35 |
| Small Grinder Pump - Maintenance Fee (per month) | \$35 |
| Project Fee – Tier 1 (Neighborhood Line Extensions) | \$3,500 |
| Project Fee – Tier 2 (Neighborhood Line Extensions) | \$5,000 |
| Project Fee – Tier 3 (Neighborhood Line Extensions) | \$6,500 |

RATES

Section 5. ENGINEERING SERVICE CHARGES:

These charges are primarily for developers, engineers, and contractors. Please see the Rate Information Policy 2.01 for a complete description of the following rates and charges.

| | |
|--|-----------------|
| Base Project Review Fee (per submittal) | \$400.00 |
| Plan Review Fee – Water (per linear foot) | \$2.60 |
| Plan Review Fee – Sewer (per linear foot) | \$3.20 |
| Extended Plan Review Fee (per submittal) | \$200.00 |
| Inspection Fee – Water (per linear foot) | \$1.85 |
| Inspection Fee – Sewer (per linear foot) | \$2.90 |
| After Hours and Weekend Inspections (per event) | \$250.00 |
| Small Grinder Pump Station Review and Inspection (per unit) | \$300.00 |
| Small Grinder Pump Station Reinstatement Fee (per unit) | \$500.00 |
| Large Pump Station Review and Inspection (per unit) | \$2,000.00 |
| Fire flow vault review & inspection (per vault) | \$1,000.00 |
| Fire flow test (per test) | \$75.00 |

Section 6. REVISIONS

- A. This policy was approved by the Board after conducting a public hearing on May 19, 2015, effective July 1, 2015.
- B. This policy was approved by the Board after conducting a public hearing on May 17, 2016, effective July 1, 2016.
- C. This policy was approved by the Board after conducting a public hearing on April 20, 2017, effective for usage beginning on May 1, 2017, with bills processed after June 30, 2017.
- D. This policy was approved by the Board after conducting a public hearing on May 15, 2018, effective for usage beginning on June 1, 2018, with bills processed after June 30, 2018.
- E. This policy was approved by the Board after conducting a public hearing on May 21, 2019, effective for usage beginning on June 1, 2019, with bills processed after June 30, 2019.
- F. This policy was approved by the Board after conducting a public rate hearing on April 21, 2020, effective for usage beginning on July 1, 2020.
- G. This policy was approved by the Board after conducting a public rate hearing on April 20, 2021, effective for usage beginning on June 1, 2021.
- H. This policy was approved by the Board after conducting a public rate hearing on April 19, 2022, effective for usage beginning on June 1, 2022.
- I. This policy was approved by the Board after conducting a public rate hearing on May 16, 2023, effective for usage beginning on June 1, 2023.**



RESOLUTION

2023-05.01

Rate Policy 2.00

At a regular meeting of the Bedford Regional Water Authority ("Authority") Board of Directors, held in the Board Meeting Room at the Authority's Administrative Annex Building on the 16th day of May 2023, beginning at 7:00 p.m.:

WHEREAS, the Bedford Regional Water Authority (the "Authority") is a public service authority formed and existing in accordance with the provisions of Chapter 51 of Title 15.2 of the Code of Virginia, 1950, as amended, the Virginia Water and Waste Authorities Act §§ 15.2-5100-15.2-5159 (the "Act"); and,

WHEREAS, the Authority desires to have a comprehensive set of policies governing the manner in which the Authority conducts its regular business, and the Authority directs that these policies be grouped together into an operating policy manual; and,

WHEREAS, to provide sufficient revenue to cover all of the expenditures that are included in the proposed FY 2023-2024 operating budget, certain changes have been proposed to the Authority schedule of rates and charges; and,

WHEREAS, the Authority has provided sufficient notice in the Bedford Bulletin on March 29, 2023 and April 5, 2023 and conducted a public hearing on Tuesday, May 16, 2023 to solicit public comments on the proposed changes to the schedule of rates; and,

WHEREAS, the Board of Directors of the Authority has reviewed the proposed changes to the schedule of rates and rate information and desires to implement these changes; now,

THEREFORE, BE IT RESOLVED, that the Board of Directors of the Bedford Regional Water Authority does hereby adopt the revised Rate Policy 2.00 and further authorizes the Executive Director to proceed with implementing the rates as properly advertised. The new rates will be effective for all usage beginning on June 1, 2023 and for all bills sent out after June 30, 2023.

Member _____ made a motion to approve this Resolution.

Member _____ made a Second to approve.

Board Member Votes: ____ Aye ____ Nay ____ Abstain

CERTIFICATION

The undersigned secretary of the Bedford Regional Water Authority does hereby certify that the foregoing is a true, complete, and correct Resolution adopted by a vote of a majority of the Directors of the Bedford Regional Water Authority, present at a regular meeting of the Board of Directors of the Bedford Regional Water Authority duly called and held May 16, 2023 at which a quorum was present and acting throughout, and that the same has not been amended or rescinded and is in full force and effect as of the date of the above mentioned meeting.

(SEAL)

Brian M. Key, Secretary,
Bedford Regional Water Authority

MINUTES

Bedford Regional Water Authority – Board of Directors Regular Board Meeting – Minutes April 18, 2023

A regular meeting of the Board of Directors of the Bedford Regional Water Authority (“Bedford Water”) was held on Tuesday, April 18, 2023, in the Board Meeting Room in Bedford Water's Annex building located at 1723 Falling Creek Road in Bedford County.

Members Present:..... Bob Flynn, Chair
Jay Gray, Vice Chair
Donald Barger, Jr
Jay Gray
Rusty Mansel
Kevin Mele
Michael Moldenhauer
John Sharp

Members Absent: none

Staff & Counsel Present: . Brian Key – Executive Director

Rhonda English – Deputy Director
Jill Underwood – Director of Finance
Thomas Cherro – Director of Operations
Megan Pittman – Director of Administration (virtual)

1. Call to Order

The meeting was called to order by the Chair at approximately 7:00 p.m. The Pledge of Allegiance and a moment of silence were conducted.

2. Review of Agenda

The following agenda was reviewed as shown. Revisions are shown in ***bold italics***.

1. Call to Order
 - a. Pledge of Allegiance
 - b. Moment of Silence
2. Review of Agenda
3. Public Comments
4. Approval of Minutes: March 21, 2023 – Regular Board Meeting
5. Financial Report: Presented by Jill Underwood
 - a. Financial Statements through month end March 2023
 - b. Finance Committee Meeting Summary – April 5, 2023
 - i. ***Resolution 2023-04.01*** – Bylaws Policy
 - c. FY 2023-2024 Budget Presentation
6. Operations Report: Presented by Tom Cherro
 - a. Wastewater Ops – ESCO Project at Central WTP
 - b. Maintenance – Bedford Weaving
 - c. Water Ops – Flocculator and Mountain View Shores
7. Administration Report: Presented by Megan Pittman
8. Deputy Director Report: Presented by Rhonda English

9. Executive Report: Presented by Brian Key
 - a. Executive Leadership Program Summary
 - b. Strategic Planning
 - c. **Recap of Town Council Meeting**
10. Other business not covered on the above agenda
11. Motion to Adjourn

3. Public Comments

There were no public comments.

4. Approval of Minutes: March 21, 2023 - Regular Meeting

The regular Board Meeting Minutes from March 21, 2023, were reviewed and approved as amended to indicate that Member Gray is Vice Chair.

Member Moldenhauer made a motion to approve the minutes.

Member Mele seconded the motion.

- Board member votes: 7 Aye; 0 Nay; 0 Abstain. The motion carried.

5. Financial Report: Presented by Jill Underwood

a. Financial Statements through month end March 2023

The report for March is included. Based on feedback from the Board at the last meeting, there have been modifications to the payment statistics. Another modification was requested which prompted the board to discuss the purpose of the report.

The budget goal was 75% for March with operating revenues at 78% and operating expenses at 63%. Revenue is recorded; however, some categories are being reported to incorrect GL accounts (i.e. Paradise Point water has some other service areas included). Finance is reviewing the details and making corrections in the billing software. Capital Recovery fees received this FY are 101% of the total budgeted amount, with water at 103% and sewer at 96%.

Proposals were received for audit services for the upcoming and subsequent fiscal years. The RFQ was sent to five companies and two responses were received. Brown Edwards was \$15,000 less expensive than the other company that sent a proposal.

b. Finance Committee Meeting Summary – April 5, 2023

The Committee discussed the CIP and a review of the board's compensation. The Committee requested to review the Board compensation line item of the budget; there have been no changes to the compensation since the inception of the Authority in January 2013. They reviewed the 29.1% cumulative inflation since 2013. A differential salary amount was discussed, providing the Chairman and Vice Chairman a slightly higher compensation than the other positions. The bylaws will need to be updated in order to make a change to compensation. This proposed change is included in the draft of the budget.

Member Mansel said that he sees that there should be a different pay rate for the Chair and Vice Chair and was not in favor of raising the pay. Member Moldenhauer said that the last time this was discussed he was against it but now he is neutral. Member Sharp said that he agreed that the Chair and Vice Chair should get more, and since he is new he did not feel strongly about an overall increase. Member Mele said that inflation from January 2013 to today is 29.1% and these numbers bring the board in line with other boards in the area. He stated that he would vote in favor of it.

Member Barger said that he thought it was an unpaid position and will go along with the majority. Member Gray initially looked at being a part of the board as community service. He said that he thinks the adjustment for the Chair should be made, and if that adjustment is made, then all the members should be adjusted. Member Flynn said that the Chair does not always do more work than the other members who also serve other roles on Committees; however, the inflation rate is undeniable and he would vote in favor of the change.

i. **Resolution 2023-04.01 – Bylaws Policy**

At a regular meeting of the Bedford Regional Water Authority (“Authority”) Board of Directors, held in the Board Meeting Room at the Authority’s Administrative Annex Building on the 18th day of April 2023, beginning at 7:00 p.m.:

WHEREAS, the Bedford Regional Water Authority (the “Authority”) is a public service authority formed and existing in accordance with the provisions of Chapter 51 of Title 15.2 of the Code of Virginia, 1950, as amended, the Virginia Water and Waste Authorities Act §§ 15.2-5100-15.2-5159 (the “Act”); and,

WHEREAS, the Authority desires to have a comprehensive set of policies governing the manner in which the Authority conducts its regular business, and the Authority directs that these policies be grouped together into an operating policy manual; and,

WHEREAS, at a meeting that was held on April 5, 2023 the Finance Committee reviewed the Bylaws policy and has recommended the revisions, as shown on the attached document, to be presented to and approved by the Board of Directors of the Authority; now,

THEREFORE, BE IT RESOLVED by the Board of Directors of the Bedford Regional Water Authority that the above noted policy revisions be hereby adopted by the Authority.

On behalf of the Committee, Member Mele made a motion to approve this resolution.

Being a motion from a committee, a second motion was not needed.

- Board Member Votes: 7 Aye, 0 Nay, 0 Abstain. The motion passed.

c. **FY 2023-2024 Budget Presentation**

Ms. Underwood presented an overview of the draft budget. The board discussed the budget and Mr. Key and Ms. Underwood answered questions. The budget will be presented at the May meeting for approval.

6. Operations Report: Presented by Thomas Cherro

a. **Wastewater Ops – ESCO Project at Central WTPP**

Mr. Cherro discussed the ESCO project’s savings, referring to a graph outlining the cost savings that was included in the board packets.

b. **Maintenance – Bedford Weaving**

The Bedford Weaving isolation valves have been installed and the project is complete.

c. **Water Ops – Flocculator and Mountain View Shores**

The flocculator replacement will begin at the end of May or the beginning of June. Spraying for algae at Stoney Creek Reservoir will begin now through the fall.

7. Administration Report: Presented by Megan Pittman

Ms. Pittman reviewed the news articles included in the packet. She also reviewed the ESCO Ribbon Cutting ceremony that was held on April 13th. She reported on the growth of her team’s staff with the addition of an HR Assistant and the Safety Supervisor a few months ago.

8. Deputy Director Report: Presented by Rhonda English

The Ivy Creek project has received 11,000 feet of pipe on site. They are doubling up on the blasting crews and are still working on the manhole order. The 460 pump station is almost complete with a minor list of punch list items. Staff met with a consultant to discuss replacing the pumps at Pump Stations 1 and 2. Westyn Village has approached the BRWA to request additional buildings to connect. The developments on 122 South will require BRWA lines to be relocated to allow for the addition of turn lanes, including a center turn lane.

9. Executive Report: Presented by Brian Key

- a. Executive Leadership Program Summary
Mr. Key gave a summary of the two-week immersion leadership program he attended at UNC at Chapel Hill.
- b. Strategic Planning
Mr. Key included in the board packets two prior strategic plans and explained the process behind creating the plans. He asked the board what level of involvement they would like in the creation of the plan. His suggestion was for staff to create a draft and regularly bring it to the board during the process. Another option is to do a board retreat to create the plan. Mr. Mansel asked about the amount of time this will take to develop, which would impact the board's involvement. Mr. Key said that he would like an outline in place before the adoption of FY 2025 budget. Mr. Mansel said that it is the staff's role to develop the plan with the board reviewing it and the board agreed with him. Mr. Key also asked how much outreach to the public the board would like incorporated into the plan. The board responded that they saw receiving public feedback as favorable.
- c. Recap of Town Council Meeting
Mr. Key attended the Town Council to discuss ARPA funds and the projects the Authority is working on. Mr. Mansel received a phone call from the Mayor after the meeting asking about the costs, which he was able to clarify. Mr. Key also met with Mr. Hiss and Mr. Warner to further discuss projects that they had questions about.

10. Other Business

No other business was discussed.

11. Motion to Adjourn:

There being no further business to discuss, Member Moldenhauer made a motion to adjourn and Member Sharp seconded the motion.

Board Member Votes: 7 Aye, 0 Nay, 0 Abstain. The motion carried.

The meeting adjourned at approximately 9:35 pm.

Prepared by Megan Pittman – Director of Administration

Approved: _____ 2023

FINANCIAL REPORT

MEMORANDUM

To: BRWA Board of Directors
From: Jill W. Underwood, Director of Finance
Date: May 10, 2023
Re: Financial Highlights for April 2023

Customer Service Statistical Report:

The report for April is included. Based on the discussion at the April Board meeting, I have included the original report from 2006. Over the years, this report has evolved and fields have been added based on requests from the Board.

Summary of Revenues & Expenses:

- 1) Budget goal is 83% for April, operating revenues are at 86% and operating expenses at 72%. We are continuing to modify the GL distributions for revenue. Paradise Point and Mariners Landing are almost complete, determining the correcting entry requires reviewing monthly billing data and filtering by address to determine which area revenue should be recorded. We have two months of data remaining to correct.
- 2) Capital Recovery fees received this FY are 111% of the total budgeted amount, with water at 114% and sewer at 104%.

Cash Flow Summary

The summary is included in your packets.

Audit

We are working on implementing a new Governmental Accounting Standard for this year's audit. This standard is reporting for Subscription based information technology agreements. As more software gravitates to the cloud, this increases the reporting under this standard. We are using DebtBook to track these agreements, as we did with the lease standard last year.

Tracking Data for Customer Service Department

| Description | | May '22 | June '22 | July '22 | August '22 | September '22 | October '22 | November '22 | December '22 | January '23 | February '23 | March '23 | April '23 | Running 12 Month Totals |
|-------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------------|
| 1 | Statements Generated | 14,206 | 14,210 | 14,244 | 14,454 | 14,365 | 14,345 | 14,277 | 14,270 | 14,286 | 14,291 | 14,309 | 14,340 | 171,597 |
| 2 | Total \$ Amount of Statements Generated | \$1,184,161.72 | \$1,340,398.42 | \$1,402,132.45 | \$1,241,882.27 | \$1,520,175.34 | \$1,412,481.97 | \$1,272,680.32 | \$1,344,339.45 | \$1,350,337.14 | \$1,525,796.19 | \$1,212,382.01 | \$1,252,787.83 | \$16,059,555.11 |
| 3 | Total \$ Payments Received | \$1,415,203.32 | \$1,460,223.31 | \$1,342,647.62 | \$1,592,202.60 | \$1,540,233.12 | \$1,431,571.66 | \$1,353,615.77 | \$1,533,867.61 | \$1,379,464.27 | \$1,198,156.84 | \$1,585,834.36 | \$1,252,834.74 | \$17,085,855.22 |
| 4 | Account Transfers | 135 | 380 | 173 | 154 | 185 | 121 | 266 | 160 | 152 | 170 | 229 | 157 | 2,282 |
| 5 | New Customers - Forest | 10 | 18 | 5 | 104 | 28 | 4 | 5 | 2 | 6 | 8 | 9 | 13 | 212 |
| 6 | New Customers - SML | 4 | 4 | 2 | 8 | 2 | 3 | 4 | 2 | 7 | 1 | 1 | | 38 |
| 7 | Residential Disconnected Customers (#) | 109 | 92 | 85 | 94 | 99 | 100 | 85 | - | 101 | 68 | 85 | 82 | 1,000 |
| 8 | Residential Disconnected Customers (\$) | \$28,864.20 | \$15,073.35 | \$11,866.26 | \$15,084.57 | \$15,711.69 | \$39,944.49 | \$13,922.43 | \$0.00 | \$20,975.10 | \$10,642.80 | \$14,138.59 | \$16,738.83 | \$202,962 |
| 9 | Meters Read - Normal and Transfer Readings | 14,426 | 14,424 | 14,449 | 14,493 | 14,489 | 14,502 | 14,500 | 14,511 | 14,535 | 14,507 | 14,570 | 14,597 | 174,003 |
| 10 | Radio Read Meters | 14,373 | 14,381 | 14,406 | 14,451 | 14,444 | 14,462 | 14,460 | 14,472 | 14,498 | 14,470 | 14,534 | 14,575 | 173,526 |
| 11 | Manually Read Meters | 53 | 43 | 43 | 42 | 45 | 40 | 40 | 39 | 37 | 37 | 36 | 22 | 477 |
| 12 | Tower Read Meters | 3,387 | 2,757 | 3,349 | 2,160 | 2,722 | 2,641 | 2,460 | 2,594 | 3,027 | 2,924 | 2,927 | 3,106 | 34,054 |
| 13 | New Meter Installs | 25 | 22 | 21 | 36 | 15 | 8 | 18 | 11 | 18 | 9 | 12 | 30 | 225 |
| 15 | Meters Changed - Program | 25 | 24 | 23 | - | - | 14 | - | - | 11 | 35 | 97 | 33 | 262 |
| 17 | Remaining Developer's Credits | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | \$341,484.01 | N/A |
| 18 | Bulk Water Sales - New London (Gallons) | 46,730 | 47,285 | 22,782 | 18,255 | 6,942 | 26,515 | 26,140 | 3,050 | - | 3,050 | - | 7,110 | 207,859 |
| 19 | Bulk Water Sales - Moneta (Gallons) | 21,821 | 55,600 | 14,960 | 29,930 | 8,720 | 22,570 | 11,180 | 700 | - | 700 | - | - | 166,181 |
| 20 | Bulk Water Sales - Central Distr (Gallons) | 138,300 | 96,700 | 83,200 | 12,825 | 16,265 | 52,520 | 9,200 | 17,500 | - | 20,600 | 34,300 | 75,200 | 556,610 |
| 21 | Total Bulk Water Sales | \$2,482.21 | \$2,395.02 | \$1,451.30 | \$732.12 | \$383.12 | \$1,219.26 | \$558.24 | \$255.00 | \$0.00 | \$292.20 | \$411.60 | \$987.72 | \$11,167.80 |

Customer Service Statistics 2006

[illegible]

Bedford Regional Water Auth.
Balance Sheet
For the Ten Months Ending Sunday, April 30, 2023

| | | <u><i>7/1/2022</i></u> <u><i>Beginning</i></u> | <u><i>Apr 2023</i></u> <u><i>Actual</i></u> |
|-----------|------------------------------|---|--|
| | ASSETS | | |
| 1000:1000 | Cash | \$4,899,990.01 | \$6,511,943.13 |
| 1001 | Restricted Investments | 10,056,754.45 | 19,109,248.48 |
| 1002:1002 | Prepaid Expenses | 755,585.59 | 828,118.40 |
| 1101:1101 | Accounts Receivable | 4,262,201.48 | 4,455,024.38 |
| 1102 | Accounts Receivable Other | 312,979.48 | 141,919.58 |
| 1200 | Inventory | 511,260.41 | 1,466,198.15 |
| 1202 | Loan Related Assets | 3,934.66 | 3,934.66 |
| 1250 | Construction In Progress | 7,560,947.50 | 15,003,979.02 |
| 1301 | Tangible Assets- Office | 5,333,848.08 | 5,333,848.08 |
| 1302 | Tangible Assets - Vehicles | 3,623,581.18 | 3,623,581.18 |
| 1400:1500 | Tangible Assets - Water | 102,663,697.11 | 102,663,697.11 |
| 1700 | Tangible Assets - Sewer | 65,138,016.44 | 65,138,016.44 |
| 1800 | Intangible Assets | 743,601.00 | 743,601.00 |
| 1801 | Fixed Asset Clearing Account | | 862,294.06 |
| 1900 | Depreciation | <u>(73,817,992.44)</u> | <u>(73,817,992.44)</u> |
| | Total assets | 132,048,404.95 | 152,067,411.23 |
| | LIABILITIES | | |
| 2000 | Accounts Payable | (1,510,085.37) | (2,029,025.65) |
| 2001 | Customer Liabilities | (483,257.87) | (516,461.66) |
| 2100 | Employee Liabilities | (696,354.41) | (595,152.28) |
| 2200 | Notes Payable | (40,490,614.90) | (50,579,060.11) |
| 2300 | Developer Credits | (2,283,412.36) | (2,283,412.36) |
| 2999 | Retained Earnings | <u>(87,621,566.54)</u> | <u>(87,621,566.54)</u> |
| | Total liabilities | (133,085,291.45) | (143,624,678.60) |
| | Operating Surplus/ (Loss) | (1,036,886.50) | 8,442,732.63 |

Bedford Regional Water Auth.
Balance Sheet
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>7/1/2022</u> <u>Beginning</u> | <u>Apr 2023</u> <u>Actual</u> |
|-------------------------|---|-------------------------------------|----------------------------------|
| ASSETS | | | |
| Cash: | | | |
| 1000-0000 | Change Box for CS | 350.00 | (15,230.00) |
| 1000-0001 | Petty Cash | 16.57 | 16.57 |
| 1000-0002 | Truist Checking Account | 1,026,445.26 | 4,544,892.05 |
| 1000-0004 | Cash Drawer | 225.00 | 225.00 |
| 1000-0011 | LGIP Operating Reserves Fund | 323,682.44 | 332,933.10 |
| 1000-1000 | VA Investment Pool-Capital Projects Reserve | 2,508,883.89 | 608,097.50 |
| 1000-2000 | VA Investment Pool- Operating Reserves | 1,040,386.85 | 1,068,082.92 |
| 1000-0005 | Cash Suspense Account (for F.A.) | | (27,074.01) |
| | Total Cash | 4,899,990.01 | 6,511,943.13 |
| Restricted Investments: | | | |
| 1001-0001 | Deposit Refund Program Fund | 359,661.65 | 359,661.65 |
| 1001-0010 | Debt Service Accumulation Fund | 2,462,452.47 | 566,426.48 |
| 1001-0020 | Reserve for future capital projects | 663,502.47 | 668,965.95 |
| 1001-0021 | County Funds for New Projects | 101,931.35 | 141,955.11 |
| 1001-0022 | SML WTF Depreciation Fund WVWA | 471,329.02 | 483,876.22 |
| 1001-0023 | BRWA Cell Tower Funds | 327,966.19 | 345,913.55 |
| 1001-0024 | SML WTF Depreciation Fund- BRWA portion | 471,329.01 | 483,876.22 |
| 1001-0025 | Vehicle and Equipment Replacement Fund | 682,438.43 | 708,024.24 |
| 1001-0030 | Information Systems Replacement Fund | 228,845.33 | 271,932.32 |
| 1001-0035 | Meter Replacement Fund | 503,735.46 | 177,198.84 |
| 1001-0040 | Sewerline Replacement Fund | 825,862.76 | 1,055,862.76 |
| 1001-0045 | Waterline Replacement Fund | 364,757.70 | 306,970.70 |
| 1001-0050 | Tank Rehab | 322,995.76 | 392,995.76 |
| 1001-1010 | VA Investment Pool- Reserve Fund | 435,736.87 | 438,536.42 |
| 1001-1020 | LGIP Repairs & Maintenance Reserve | 24,085.63 | 24,085.63 |
| 1001-1025 | VRA Debt Service Reserve Fund | 1,771,632.63 | 1,733,987.67 |
| 1001-1100 | Escrow Account | 38,491.72 | 33,241.72 |
| 1001-1220 | DEQ (Ivy Creek) Construction Fund | | 10,915,737.24 |
| | Total Restricted Investments | 10,056,754.45 | 19,109,248.48 |
| Prepaid Expenses: | | | |
| 1002-1000 | Prepaid Insurance | 104,265.53 | 153,649.92 |
| 1002-1001 | Prepaid Dues/Service Contracts | 36,819.06 | 59,967.48 |
| 1002-1002 | Deferred Outflows of Resources (Pensions) | 655,832.00 | 655,832.00 |
| 1002-1003 | VRS OPEB Deferred Outflow | 68,499.00 | 68,499.00 |
| 1002-1004 | VRS OPEB Deferred Outflow | (78,862.00) | (78,862.00) |
| 1002-1005 | Local OPEB Deferred Outflows | 17,861.00 | 17,861.00 |
| 1002-1006 | Local OPEB Deferred Inflows | (48,829.00) | (48,829.00) |
| | Total Prepaid Expenses | 755,585.59 | 828,118.40 |
| Accounts Receivable: | | | |
| 1101-1000 | Billings Receivable Water | 2,552,181.64 | 976,854.87 |
| 1101-2000 | Budget Billing Accounts Rec. | 6.52 | 6.52 |
| 1101-2001 | Monthly Statement A/R | (20.00) | (20.00) |
| 1101-2002 | Monthly Deferred A/R- holding account | 553.47 | 553.47 |
| 1101-2003 | AR Credits | (50.00) | (50.00) |
| 1101-3000 | Billings Receivable Sewer | 942,934.38 | 1,715,885.13 |
| 1101-3210 | Credit Card Convenience Fee AR | 735.34 | 735.34 |
| 1101-4000 | Allowance for Doubtful Accounts | (252,468.34) | (252,468.34) |
| 1101-4001 | Water Penalties- A/R | (375,168.57) | (365,412.66) |
| 1101-4002 | Payment Arrangement AR- Water | (154.96) | (154.96) |
| 1101-4003 | Sewer Penalties A/R | 11,664.05 | 16,102.66 |
| 1101-4004 | Payment Arrangement AR- Sewer | 268.43 | 268.43 |
| 1101-4005 | Payment Arrangement AR- Sewer Penalties | 94.60 | 94.60 |
| 1101-4006 | Payment Arrangement AR- Water Penalties | 174.14 | 174.14 |
| 1101-5001 | Water Capital Recovery Fees A/R | 57,779.00 | 702,079.00 |

Bedford Regional Water Auth.
Balance Sheet
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>7/1/2022</u> <u>Beginning</u> | <u>Apr 2023</u> <u>Actual</u> |
|----------------------------|---|-------------------------------------|----------------------------------|
| 1101-5002 | Returned Check A/R | 858.63 | 1,103.63 |
| 1101-5003 | Sewer Capital Recovery Fees A/R | 40,563.73 | 347,138.73 |
| 1101-5005 | Reconnect Fee A/R | 16,293.26 | 18,581.34 |
| 1101-6000 | Water Account Charge A/R | 12,593.53 | 8,886.87 |
| 1101-6003 | Sewer Account Charges A/R | 4,657.59 | 10,832.59 |
| 1101-7001 | Water Deposits A/R | (45,211.60) | (54,006.33) |
| 1101-7003 | Sewer Deposits A/R | 20,948.25 | 20,948.25 |
| 1101-7500 | Meter Base Installation Fee A/R | 71,163.43 | 139,593.43 |
| 1101-7502 | A/R- Sewer Clean-Out Insallation Fee | 16,700.00 | 36,600.00 |
| 1101-7504 | Sewer Pump Maintenance A/R | 3,829.77 | 9,838.53 |
| 1101-7505 | Service Repairs & Rents A/R | (709.88) | (709.88) |
| 1101-7506 | A/R- Septage Dumping Fees | 8,335.00 | 8,335.00 |
| 1101-7507 | Meter Fee A/R | 44,994.63 | 71,994.63 |
| 1101-7508 | A/R- Industrial Pretreatment | (749.99) | (7,562.44) |
| 1101-7510 | SGP Review and Inpections A/R | (130.06) | (6,677.60) |
| 1101-8000 | Misc. Charges Receivable | (1.00) | (1.00) |
| 1101-8002 | NSF holding/clearing account | 50.51 | 612.67 |
| 1101-8003 | Consolidation holding account | (3,761.63) | (3,761.63) |
| 1101-8006 | Unauthorized Service A/R | 4,000.00 | 4,000.00 |
| 1101-8008 | Cellular Rental AR | 1,179,749.36 | 1,179,749.36 |
| 1101-8009 | Pending Electronic Payments | (50,501.75) | (125,119.97) |
| | Total Accounts Receivable | 4,262,201.48 | 4,455,024.38 |
| Accounts Receivable Other: | | | |
| 1102-0001 | Miscellaneous Accounts Receivable | 312,979.48 | 141,919.58 |
| | Total Accounts Receivable Other | 312,979.48 | 141,919.58 |
| Inventory: | | | |
| 1200-0001 | Maintenance Inventory | 344,698.52 | 512,444.00 |
| 1200-0002 | Meter Inventory | 166,561.89 | 953,754.15 |
| | Total Inventory | 511,260.41 | 1,466,198.15 |
| Loan Related Assets: | | | |
| 1202-0009 | VRA 2014 Cash Account (per docs) | 3,934.66 | 3,934.66 |
| | Total Loan Related Assets | 3,934.66 | 3,934.66 |
| Construction In Progress: | | | |
| 1250-0317 | CIP- Website Development Project | 22,000.00 | 61,190.00 |
| 1250-0318 | Town & Country WATER Replacement | 11,200.00 | 36,200.00 |
| 1250-0320 | CIP- Paradise Point Waterline | 101,098.86 | 116,806.94 |
| 1250-0322 | CIP- Key System | 32,890.00 | 65,780.00 |
| 1250-0323 | Central Water control valves | 112,742.82 | 123,742.82 |
| 1250-0326 | Town & Country Sewer Replacement Project ARPA | 68,745.00 | 851,364.33 |
| 1250-0328 | Bridgewater Bay PRV | 16,815.71 | 70,401.81 |
| 1250-0330 | CIP- Stoney Creek Telemetry | 338.64 | 323.63 |
| 1250-0336 | CIP- Belltown Rd Waterline (ARPA) | 34,025.00 | 39,451.12 |
| 1250-0346 | CIP- Moneta Park WL Ext. | 230,985.18 | 425,907.33 |
| 1250-0365 | CIP- Mountain View Shores | 13,588.48 | 19,225.75 |
| 1250-0378 | Helm Street Tank Project (ARPA) | 27,063.19 | 139,261.00 |
| 1250-0383 | CIP- Ivy Creek Sewer | 1,259,112.09 | 5,029,089.07 |
| 1250-0390 | CIP- 460 Booster Station | 1,409,353.60 | 2,196,373.00 |
| 1250-0391 | CIP- Turkey Mtn Booster Station | 42,490.00 | 42,490.00 |
| 1250-0395 | ESCO Project | 4,178,498.93 | 5,258,732.24 |
| 1250-0001 | CIP Inventory | | 42,170.60 |
| 1250-0315 | CIP- Central Water Electrical Study | | 21,765.00 |
| 1250-0316 | CIP- Peakview St Water | | 111,886.86 |
| 1250-0321 | CIP- Billing System Upgrade | | 19,637.56 |
| 1250-0324 | Central Sewer Pump Station 7 | | 94,799.00 |
| 1250-0331 | CIP- Laurel Street Waterline | | 6,146.18 |

Bedford Regional Water Auth.
Balance Sheet
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>7/1/2022</u> <u>Beginning</u> | <u>Apr 2023</u> <u>Actual</u> |
|-------------------------------|---|-------------------------------------|----------------------------------|
| 1250-0332 | Stoney Creek Reservoir Drain Analysis | | 27,385.56 |
| 1250-0359 | Board Room Improvements | | 16,180.11 |
| 1250-0361 | SCADA Reliability Improvements | | 77,000.00 |
| 1250-0363 | BRWA Office Complex Improvements | | 5,000.00 |
| 1250-0399 | CIP- Galax St. WATER | | 105,669.11 |
| | Total Construction In Progress | 7,560,947.50 | 15,003,979.02 |
| Tangible Assets- Office: | | | |
| 1301-0001 | Office Facilities | 3,510,228.41 | 3,510,228.41 |
| 1301-0002 | Information Systems | 1,823,619.67 | 1,823,619.67 |
| | Total Tangible Assets- Office | 5,333,848.08 | 5,333,848.08 |
| Tangible Assets - Vehicles: | | | |
| 1302-0001 | Vehicles and Equipment | 3,623,581.18 | 3,623,581.18 |
| | Total Tangible Assets - Vehicles | 3,623,581.18 | 3,623,581.18 |
| Tangible Assets - Water: | | | |
| 1400-1000 | SML Water Treatment Facility | 16,694,001.18 | 16,694,001.18 |
| 1400-2000 | Smith Mountain Lake Central | 22,056,027.84 | 22,056,027.84 |
| 1400-3000 | Stewartsville Water | 2,735,076.84 | 2,735,076.84 |
| 1500-1000 | Forest Water | 37,453,958.35 | 37,453,958.35 |
| 1500-2000 | Lakes Water | 1,625,458.78 | 1,625,458.78 |
| 1500-3000 | Central Water | 22,099,174.12 | 22,099,174.12 |
| | Total Tangible Assets - Water | 102,663,697.11 | 102,663,697.11 |
| Tangible Assets - Sewer: | | | |
| 1700-0014 | Central Sewer | 22,895,431.45 | 22,895,431.45 |
| 1700-0015 | Moneta Sewer | 12,701,962.43 | 12,701,962.43 |
| 1700-0016 | Forest Sewer | 20,492,925.92 | 20,492,925.92 |
| 1700-0020 | Mariners Landing Sewer | 1,448,700.18 | 1,448,700.18 |
| 1700-1016 | BRWA Share Lynchburg Sewer Upgrade | 5,529,117.24 | 5,529,117.24 |
| 1700-8000 | Montvale Sewer | 2,069,879.22 | 2,069,879.22 |
| | Total Tangible Assets - Sewer | 65,138,016.44 | 65,138,016.44 |
| Intangible Assets: | | | |
| 1800-0000 | Studies & Permits (Feasibility, master studies) | 687,190.55 | 687,190.55 |
| 1800-0090 | Capitalized Interest (Various projects) | 56,410.45 | 56,410.45 |
| | Total Intangible Assets | 743,601.00 | 743,601.00 |
| Fixed Asset Clearing Account: | | | |
| 1801-0000 | Fixed Asset Clearing Account | | 862,294.06 |
| | Total Fixed Asset Clearing Account | | 862,294.06 |
| Depreciation: | | | |
| 1900-0000 | Accumulated Depreciation | (73,817,992.44) | (73,817,992.44) |
| | Total Depreciation | (73,817,992.44) | (73,817,992.44) |
| | Total assets | 132,048,404.95 | 152,067,411.23 |
| LIABILITIES | | | |
| Accounts Payable: | | | |
| 2000-1000 | Accounts Payable | (1,436,523.93) | (1,586,026.89) |
| 2000-1005 | Retainage Payable | (73,561.44) | (442,998.76) |

Bedford Regional Water Auth.
Balance Sheet
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>7/1/2022</u> <u>Beginning</u> | <u>Apr 2023</u> <u>Actual</u> |
|-----------------------|--|-------------------------------------|----------------------------------|
| | Total Accounts Payable | (1,510,085.37) | (2,029,025.65) |
| Customer Liabilities: | | | |
| 2001-0000 | Customer Credit- Budget Billing accounts | 3,009.22 | 3,009.22 |
| 2001-0001 | Customer Credits | (356,158.10) | (356,158.10) |
| 2001-0002 | Misc. Misposting | 713.57 | 713.57 |
| 2001-0003 | Customer Refunds Payable | 57,157.44 | 76,201.89 |
| 2001-0004 | Liability for Sureties Held | (5,250.00) | |
| 2001-0005 | Liability for Easement Condemnations | (4,394.72) | (4,394.72) |
| 2001-1000 | Water Deposits | (96,965.87) | (153,964.11) |
| 2001-1555 | Fireline Assembly Deposits | (16,308.86) | (16,308.86) |
| 2001-2000 | Interest on Deposits (Town accounts) | 1,256.93 | 1,256.93 |
| 2001-3000 | Sewer Deposits | (66,317.48) | (66,317.48) |
| 2001-4000 | Liability for SML Meeting Room Deposits | | (500.00) |
| | Total Customer Liabilities | (483,257.87) | (516,461.66) |
| Employee Liabilities: | | | |
| 2100-0050 | Compensated Absences Liability | (169,071.65) | (169,071.65) |
| 2100-0060 | Accrued Payroll | (178,057.64) | (0.01) |
| 2100-0250 | VRS Employee Contribution Payable | 343.89 | (14,507.15) |
| 2100-0400 | Net Pension Liability | 96,066.00 | 96,066.00 |
| 2100-0500 | VRS OPEB Liability | (205,844.00) | (205,844.00) |
| 2100-0510 | Local OPEB Liability | (237,887.00) | (237,887.00) |
| 2100-0550 | Health Insurance Payable- Employee Share | (4,125.49) | (7,052.96) |
| 2100-0600 | VRS Mandatory Cash Match- Hybrid | 1.25 | (770.58) |
| 2100-0750 | Optional Life Insurance Payable | 600.39 | 526.02 |
| 2100-0800 | AFLAC Withholding Payable | 1,669.67 | 1,714.33 |
| 2100-0900 | Outstanding Payables Checks | (49.83) | (49.83) |
| 2100-0100 | Federal Taxes Withholding Payable | | (14,242.27) |
| 2100-0200 | State Withholding Payable | | (14,671.98) |
| 2100-0300 | FICA Payable (BRWA Share) | | (13,013.48) |
| 2100-0350 | FICA Payable (Employee Share) | | (13,013.48) |
| 2100-0450 | Flexible Spending Account Payable | | (1,054.56) |
| 2100-0625 | Hybrid Voluntary Contributions | | (1,111.93) |
| 2100-0650 | Deferred Compensation Payable | | (817.50) |
| 2100-0675 | VRS Roth Contributions | | (262.50) |
| 2100-0950 | Employee Gym Memberships | | (87.75) |
| | Total Employee Liabilities | (696,354.41) | (595,152.28) |
| Notes Payable: | | | |
| 2200-0115 | Current Maturities Long-Term Debt | 0.40 | 3,250,012.19 |
| 2200-2001 | Accrued Interest Payable | (368,798.41) | (368,798.41) |
| 2200-2020 | VRA 2015 Loan | (28,045,000.00) | (28,045,000.00) |
| 2200-2021 | VRA 2015 Premium | (253,203.04) | (253,203.04) |
| 2200-2026 | VRA Series 2005 Premium | (1,264.20) | (1,264.20) |
| 2200-2029 | VRA 2009 Series Deferred amount of Refunding | 15,266.75 | 15,266.75 |
| 2200-2230 | Series 2012 Loan (2005 Refunding) | (1,620,000.00) | (1,620,000.00) |
| 2200-2231 | Series 2012 Premium (2005 Refunding) | (133,621.72) | (133,621.72) |
| 2200-2232 | VRA 2012 Deferred Amount on refunding | 65,117.30 | 65,117.30 |
| 2200-2233 | VRA Series 2014 Loan (2005 refunding) | (1,745,000.00) | (1,745,000.00) |
| 2200-2234 | VRA Series 2014 Premium (2005) | (92,648.12) | (92,648.12) |
| 2200-2235 | VRA 2014 Deferred Amt on Refunding | 30,406.83 | 30,406.83 |
| 2200-2236 | VRA 2019 Refunding Premium | (23,664.33) | (23,664.33) |
| 2200-2237 | VRA Series 2019 Refunding | (955,000.00) | (955,000.00) |
| 2200-2238 | VRA Series 2019 Deferred Amt on Refunding | (12,467.11) | (12,467.11) |
| 2200-2240 | VRA 2020 Loan (ESCO) | (3,555,000.00) | (3,555,000.00) |
| 2200-2241 | VRA 2020 Premium | (508,741.56) | (508,741.56) |
| 2200-2500 | Assumed Debt from Town | (2,289,012.55) | (2,289,012.55) |
| 2200-3000 | Lynchburg Sewer System Loan Payable | (997,985.14) | (997,985.14) |
| 2200-2250 | 2022 VA Water Facilities Revolving Fund | | (13,338,457.00) |

Bedford Regional Water Auth.
Balance Sheet
For the Ten Months Ending Sunday, April 30, 2023

| | | <u><i>7/1/2022</i></u> <u><i>Beginning</i></u> | <u><i>Apr 2023</i></u> <u><i>Actual</i></u> |
|--------------------|--------------------------------------|---|--|
| | Total Notes Payable | (40,490,614.90) | (50,579,060.11) |
| Developer Credits: | | | |
| 2300-0000 | Deferred Revenue Liability | (357,684.01) | (357,684.01) |
| 2300-1000 | Deferred Inflows of Resources | (776,796.00) | (776,796.00) |
| 2300-1001 | Deferred Inflow of Resources- Leases | (1,148,932.35) | (1,148,932.35) |
| | Total Developer Credits | (2,283,412.36) | (2,283,412.36) |
| Retained Earnings: | | | |
| 2999-0000 | Retained Earnings | (87,621,566.54) | (87,621,566.54) |
| | Total Retained Earnings | (87,621,566.54) | (87,621,566.54) |
| | Total liabilities | (133,085,291.45) | (143,624,678.60) |
| | Operating Surplus/ (Loss) | (1,036,886.50) | 8,442,732.63 |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23</u> <u>YTD</u> | <u>FY 22-23</u> <u>Budget</u> | <u>Remaining</u> <u>On Budget</u> | <u>Goal:</u> <u>83%</u> |
|--------------------|--|---------------------|-------------------------------|----------------------------------|--------------------------------------|----------------------------|
| OPERATING REVENUE | | | | | | |
| 3000-3000 | Water Sales | (\$608,013.16) | (\$6,926,877.57) | (\$9,937,316.00) | (\$3,010,438.43) | 70% |
| 3100- | Sewer Sales | (553,831.41) | (5,515,249.61) | (4,748,954.00) | 766,295.61 | 116% |
| 3902 | Penalties | (1,330.20) | (57,315.45) | (70,000.00) | (12,684.55) | 82% |
| 3903- | Account Charges | (3,400.00) | (33,625.00) | (60,000.00) | (26,375.00) | 56% |
| 3903- | Review Fees | (900.00) | (56,972.09) | (55,500.00) | 1,472.09 | 103% |
| 3900- | Interest Earned | | (108,025.10) | (2,000.00) | 106,025.10 | 5,401% |
| 3903- | Sewer Clean Outs | | (21,250.00) | (7,000.00) | 14,250.00 | 304% |
| 3903-3250 | Meter Installation Revenues | (18,100.00) | (153,225.00) | (95,000.00) | 58,225.00 | 161% |
| 3903-3255 | Industrial Pretreatment Revenue | (1,437.49) | (14,249.90) | (18,000.00) | (3,750.10) | 79% |
| 3903-3261 | Rent/Meter Charges | | (15,086.22) | (5,000.00) | 10,086.22 | 302% |
| 3903- | Misc | (12,586.77) | (116,396.07) | (149,528.00) | (33,131.93) | 78% |
| 3903- | Fixed Asset Disposals | | (5,100.00) | | 5,100.00 | 0% |
| 3901- | Account Default Fees | (4,160.00) | (21,235.00) | (28,000.00) | (6,765.00) | 76% |
| 3201-3275 | Contract Reimbursements | <u>(117,082.94)</u> | <u>(217,710.55)</u> | <u>(219,000.00)</u> | <u>(1,289.45)</u> | <u>99%</u> |
| | Revenue from BRWA Operations | (1,320,841.97) | (13,262,317.56) | (15,395,298.00) | (2,132,980.44) | 86% |
| | | | | | | |
| 3000-3220 | Capital Recovery Fees | (114,600.00) | (1,326,600.00) | (1,200,000.00) | 126,600.00 | 111% |
| 3903-3265 | Cellular Antenna Site Rental-County portion | (3,814.51) | (43,916.95) | (53,416.00) | (9,499.05) | 82% |
| 3904-3310 | BOS Capital Contributions | | (2,000,000.00) | (2,000,000.00) | | 100% |
| 3904-3340 | Projects Funded by Bedford Co. | | (201,243.91) | | 201,243.91 | 0% |
| 3904-3312 | BOS Contributions for New Development | | (500,000.00) | (500,000.00) | | 100% |
| 3904-3315 | Developer Line Contributions | | | (200,000.00) | (200,000.00) | 0% |
| 3904:3904- | Contributions from Town | | (676,254.49) | | 676,254.49 | 0% |
| 3904-3335 | Contributions for DEQ Projects | | (632,636.00) | | 632,636.00 | 0% |
| 3903-3330 | SML WTF Revenue | | (25,094.41) | (400.00) | 24,694.41 | 6,274% |
| 3904-3317 | Developer Prepayments Redemption Revenue | | | (20,000.00) | (20,000.00) | 0% |
| 3903-3266 | Cell Tower Inspection Revenue | | (4,209.00) | | 4,209.00 | 0% |
| 3903-3290 | Insurance Proceeds | | (25,061.17) | | 25,061.17 | 0% |
| | Revenue from Other Sources | <u>(118,414.51)</u> | <u>(5,435,015.93)</u> | <u>(3,973,816.00)</u> | <u>1,461,199.93</u> | <u>137%</u> |
| | | | | | | |
| | Total Revenue | (1,439,256.48) | (18,697,333.49) | (19,369,114.00) | (671,780.51) | 97% |
| | | | | | | |
| OPERATING EXPENSES | | | | | | |
| 4000 + 4002 | Salaries | 355,284.27 | 3,768,962.79 | 5,078,187.82 | 1,309,225.03 | 74% |
| 4010 | General Office Expenses | 30,051.16 | 223,235.97 | 254,464.00 | 31,228.03 | 88% |
| 4100 | Employee Benefit & Related Expenses | 135,690.33 | 1,398,124.58 | 2,155,392.00 | 757,267.42 | 65% |
| 4110 | Billing Expenses | 13,909.77 | 174,583.22 | 237,949.00 | 63,365.78 | 73% |
| 4120 | Information Systems Expenses | 90,577.07 | 195,621.26 | 192,404.00 | (3,217.26) | 102% |
| 4130 | Adminstration Supplies | | 600.33 | 1,746.00 | 1,145.67 | 34% |
| 4140 | Customer Service Supplies | 50.00 | 1,798.02 | 5,301.00 | 3,502.98 | 34% |
| 4210 | Engineering Expenses | 9,729.32 | 80,634.60 | 143,621.00 | 62,986.40 | 56% |
| 4220 + 4223 | Operations Expenses | | 1,643.61 | 1,600.00 | (43.61) | 103% |
| 4221 | Compliance Program Supplies | 61.95 | 643.34 | 6,350.00 | 5,706.66 | 10% |
| 4222 | Pretreatment Expenses | 574.00 | 15,763.63 | 29,600.00 | 13,836.37 | 53% |
| 4225-0100 | Lab Supplies | 2,667.95 | 14,407.65 | 22,000.00 | 7,592.35 | 65% |
| 4230 | Maintenance Expenses | 11,649.58 | 51,450.38 | 69,228.00 | 17,777.62 | 74% |
| 4240 | Vehicles & Equipment Expenses | 28,243.42 | 247,912.69 | 267,727.00 | 19,814.31 | 93% |
| 4250 | Forest Water Expenses | 111,199.95 | 607,481.34 | 874,145.00 | 266,663.66 | 69% |
| 4260 | Well Systems Expenses | 3,625.39 | 48,409.65 | 36,876.00 | (11,533.65) | 131% |
| 4265 | SML Central Distribution Water System Expenses | 16,668.62 | 38,158.38 | 52,008.00 | 13,849.62 | 73% |
| 4270 | Highpoint Facility Expenses | 6,057.19 | 27,476.39 | 32,560.00 | 5,083.61 | 84% |
| 4330 | SMLWTF Water Treatment Expenses | 123,488.85 | 417,900.21 | 542,104.00 | 124,203.79 | 77% |
| 4275 | Central Water Distribution Expenses | 30,527.42 | 157,329.09 | 204,091.00 | 46,761.91 | 77% |
| 4276 | Central Water Treatment Expenses | 16,347.16 | 134,925.68 | 160,788.00 | 25,862.32 | 84% |
| 4280 | Stewartsville Water Expenses | 1,234.43 | 24,387.35 | 53,143.00 | 28,755.65 | 46% |
| 4290 | Forest Sewer Expenses | 68,124.46 | 370,351.43 | 582,501.00 | 212,149.57 | 64% |
| 4291 | Central Sewer Collection System Expenses | 30,687.61 | 210,472.66 | 295,250.00 | 84,777.34 | 71% |
| 4293 | Central Sewer Treatment Expenses | 45,584.63 | 387,084.50 | 561,640.00 | 174,555.50 | 69% |
| 4292 | Moneta Sewer Collection System Expenses | 2,129.85 | 41,315.63 | 35,000.00 | (6,315.63) | 118% |
| 4294 | Moneta Sewer Treatment Expenses | 11,463.01 | 97,210.90 | 132,237.00 | 35,026.10 | 74% |
| 4295 | Montvale Sewer Expenses | 1,029.48 | 11,952.11 | 26,260.00 | 14,307.89 | 46% |
| 4296 | Montvale Sewer Collection System Expenses | | | 6,500.00 | 6,500.00 | 0% |
| 4340 | Mariners Landing Sewer Expenses | 10,191.67 | 75,647.46 | 102,567.00 | 26,919.54 | 74% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|-------------|---|---------------------|-------------------------|----------------------------|--------------------------------|----------------------|
| 4350 | Cedar Rock Sewer Expenses | 1,684.08 | 21,565.88 | 36,200.00 | 14,634.12 | 60% |
| 4360 | Paradise Point Water Expenses | 268.43 | 7,605.76 | 18,024.00 | 10,418.24 | 42% |
| 4300 + 4310 | Schools Sewer Expenses | 2,820.71 | 14,912.03 | 30,500.00 | 15,587.97 | 49% |
| 4315 | Mariners Landing Water Expenses | 353.18 | 432.84 | | (432.84) | 0% |
| 4320 | Franklin County Operations | 7,706.38 | 24,056.09 | 36,000.00 | 11,943.91 | 67% |
| | Total Operating Expenditures | <u>1,169,681.32</u> | <u>8,894,057.45</u> | <u>12,283,963.82</u> | <u>3,389,906.37</u> | <u>72%</u> |
| 4400 | Depreciation | | | 4,587,600.00 | 4,587,600.00 | 0% |
| 4500-0640 | Lynchburg Debt Service Paid | | | 1,754.00 | 1,754.00 | 0% |
| 4500-0645 | 2012 VRA Interest | | 62,781.25 | 62,781.00 | (0.25) | 100% |
| 4500-0660 | 2014 VRA Interest | | 77,281.26 | 77,281.00 | (0.26) | 100% |
| 4500-0665 | 2015 VRA Interest | | 996,425.01 | 996,425.00 | (0.01) | 100% |
| 4500-0650 | Assumed Debt from City | 169.31 | 65,474.62 | 65,475.00 | 0.38 | 100% |
| 4500-0670 | VRA 2019 Interest | | 24,471.88 | 24,472.00 | 0.12 | 100% |
| 4500-0675 | VRA 2020 Interest (ESCO project) | | 134,109.39 | 134,109.00 | (0.39) | 100% |
| | Total Interest and Debt Service | <u>169.31</u> | <u>1,360,543.41</u> | <u>1,362,297.00</u> | <u>1,753.59</u> | <u>100%</u> |
| | Total Exp., Depr. and Debt Service | <u>1,169,850.63</u> | <u>10,254,600.86</u> | <u>18,233,860.82</u> | <u>7,979,259.96</u> | <u>56%</u> |
| | Total Revenues Less Oper Expense | <u>(269,405.85)</u> | <u>(8,442,732.63)</u> | <u>(1,135,253.18)</u> | <u>7,307,479.45</u> | <u>744%</u> |
| | Gross Cash Before Capital Exp | <u>(269,405.85)</u> | <u>(8,442,732.63)</u> | <u>(1,135,253.18)</u> | <u>7,307,479.45</u> | <u>744%</u> |
| | Less non-debt Capital Contributions | | <u>(1,333,984.90)</u> | <u>(220,400.00)</u> | <u>1,113,584.90</u> | <u>605%</u> |
| | Earnings/(loss) before BRWA Capital Outlays | <u>(269,405.85)</u> | <u>(7,108,747.73)</u> | <u>(914,853.18)</u> | <u>6,193,894.55</u> | <u>777%</u> |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|----------------------------------|---------------------------------------|--------------|-------------------------|----------------------------|--------------------------------|----------------------|
| OPERATING REVENUE | | | | | | |
| Water Sales: | | | | | | |
| 3000-3000 | Water Sales | (594,975.24) | (6,789,623.20) | (9,793,780.00) | (3,004,156.80) | 69% |
| 3000-3050 | Contract Water Sales | (11,911.60) | (124,056.21) | (130,000.00) | (5,943.79) | 95% |
| 3000-3100 | Paradise Point Water | (1,126.32) | (13,198.16) | (13,536.00) | (337.84) | 98% |
| | Total Water Sales | (608,013.16) | (6,926,877.57) | (9,937,316.00) | (3,010,438.43) | 70% |
| Sewer Sales: | | | | | | |
| 3100-3000 | Sewer Sales | (540,902.77) | (5,395,665.61) | (4,715,854.00) | 679,811.61 | 114% |
| 3100-3025 | Mariners Landing Sewer | (10,028.90) | (90,114.10) | | 90,114.10 | 0% |
| 3100-3050 | Cedar Rock Revenue | (2,899.74) | (29,469.90) | (33,100.00) | (3,630.10) | 89% |
| | Total Sewer Sales | (553,831.41) | (5,515,249.61) | (4,748,954.00) | 766,295.61 | 116% |
| Penalties: | | | | | | |
| 3902-3211 | Water Penalty Revenue | (917.77) | (36,593.37) | (45,000.00) | (8,406.63) | 81% |
| 3902-3213 | Sewer Penalty Revenue | (412.43) | (20,722.08) | (25,000.00) | (4,277.92) | 83% |
| | Total Penalties | (1,330.20) | (57,315.45) | (70,000.00) | (12,684.55) | 82% |
| Account Charges: | | | | | | |
| 3903-3231 | Water Account Charge Revenue | (2,125.00) | (27,450.00) | (40,000.00) | (12,550.00) | 69% |
| 3903-3233 | Sewer Account Charge Revenue | (1,275.00) | (6,175.00) | (20,000.00) | (13,825.00) | 31% |
| | Total Account Charges | (3,400.00) | (33,625.00) | (60,000.00) | (26,375.00) | 56% |
| Review Fees: | | | | | | |
| 3903-3240 | Engineering Review Fees | (600.00) | (22,667.09) | (50,000.00) | (27,332.91) | 45% |
| 3903-3242 | Engineering Fire Flow Testing | | (375.00) | (1,500.00) | (1,125.00) | 25% |
| 3903-3243 | SGP Review and Inspections | (300.00) | (33,930.00) | (4,000.00) | 29,930.00 | 848% |
| | Total Review Fees | (900.00) | (56,972.09) | (55,500.00) | 1,472.09 | 103% |
| Interest Earned: | | | | | | |
| 3900-3250 | Bank Interest Earned | | (94,829.93) | | 94,829.93 | 0% |
| 3900-3251 | VRA Interest Earned | | (13,195.17) | (2,000.00) | 11,195.17 | 660% |
| | Total Interest Earned | | (108,025.10) | (2,000.00) | 106,025.10 | 5,401% |
| Sewer Clean Outs: | | | | | | |
| 3903-3245 | Sewer Clean-Out Installation Fee | | (21,250.00) | (7,000.00) | 14,250.00 | 304% |
| | Total Sewer Clean Outs | | (21,250.00) | (7,000.00) | 14,250.00 | 304% |
| Meter Installation Revenues: | | | | | | |
| 3903-3250 | Meter Fee Revenue | (5,100.00) | (38,525.00) | (35,000.00) | 3,525.00 | 110% |
| 3903-3260 | Meter Base Installation Revenue | (13,000.00) | (114,700.00) | (60,000.00) | 54,700.00 | 191% |
| | Total Meter Installation Revenues | (18,100.00) | (153,225.00) | (95,000.00) | 58,225.00 | 161% |
| Industrial Pretreatment Revenue: | | | | | | |
| 3903-3255 | Industrial Pretreatment Revenue | (1,437.49) | (14,249.90) | (18,000.00) | (3,750.10) | 79% |
| | Total Industrial Pretreatment Revenue | (1,437.49) | (14,249.90) | (18,000.00) | (3,750.10) | 79% |
| Rent/Meter Charges: | | | | | | |
| 3903-3261 | Service Repairs & Equipment Rentals | | (15,086.22) | (5,000.00) | 10,086.22 | 302% |
| | Total Rent/Meter Charges | | (15,086.22) | (5,000.00) | 10,086.22 | 302% |
| Misc: | | | | | | |
| 3903-3262 | Cellular Antenna Rental- BRWA portion | (4,191.77) | (58,240.47) | (71,124.00) | (12,883.53) | 82% |
| 3903-3263 | Sewer Extension Revenue | (1,500.00) | (3,000.00) | | 3,000.00 | 0% |
| 3903-3264 | Sewer Pump Maintenance Revenue | (6,895.00) | (32,935.00) | (63,000.00) | (30,065.00) | 52% |
| 3903-3270 | Miscellaneous Revenue | | (14,313.56) | (5,000.00) | 9,313.56 | 286% |
| 3903-3275 | Revenue from Communication Towers | | (7,907.04) | (10,404.00) | (2,496.96) | 76% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|--|----------------|-------------------------|----------------------------|--------------------------------|----------------------|
| Total Misc | (12,586.77) | (116,396.07) | (149,528.00) | (33,131.93) | 78% |
| Fixed Asset Disposals: | | | | | |
| 3903-3280 Sales and Disposals | | (5,100.00) | | 5,100.00 | 0% |
| Total Fixed Asset Disposals | | (5,100.00) | | 5,100.00 | 0% |
| Account Default Fees: | | | | | |
| 3901-3211 Reconnect Fee Revenue | (3,950.00) | (12,800.00) | (25,000.00) | (12,200.00) | 51% |
| 3901-3212 Return Check Revenue | (210.00) | (1,435.00) | (2,000.00) | (565.00) | 72% |
| 3901-3213 Unauthorized Service Revenue | | (7,000.00) | (1,000.00) | 6,000.00 | 700% |
| Total Account Default Fees | (4,160.00) | (21,235.00) | (28,000.00) | (6,765.00) | 76% |
| Contract Reimbursements: | | | | | |
| 3201-3275 School System Operations | | (9,062.64) | (51,000.00) | (41,937.36) | 18% |
| 3904-3318 Franklin County Contract Operations | (117,082.94) | (208,647.91) | (168,000.00) | 40,647.91 | 124% |
| Total Contract Reimbursements | (117,082.94) | (217,710.55) | (219,000.00) | (1,289.45) | 99% |
| Revenue from BRWA Operations | (1,320,841.97) | (13,262,317.56) | (15,395,298.00) | (2,132,980.44) | 86% |
| Capital Recovery Fees: | | | | | |
| 3000-3220 Water Capital Recovery Fees | (84,700.00) | (911,200.00) | (800,000.00) | 111,200.00 | 114% |
| 3100-3220 Sewer Capital Recovery Fees | (29,900.00) | (415,400.00) | (400,000.00) | 15,400.00 | 104% |
| Total Capital Recovery Fees | (114,600.00) | (1,326,600.00) | (1,200,000.00) | 126,600.00 | 111% |
| Cellular Antenna Site Rental-County portion: | | | | | |
| 3903-3265 Cellular Antenna Revenue- Co. portion | (2,794.51) | (38,826.95) | (47,416.00) | (8,589.05) | 82% |
| 3903-3285 Bedford County Broadband Revenue | (1,020.00) | (5,090.00) | (6,000.00) | (910.00) | 85% |
| Total Cellular Antenna Site Rental-County portion | (3,814.51) | (43,916.95) | (53,416.00) | (9,499.05) | 82% |
| BOS Capital Contributions: | | | | | |
| 3904-3310 Bedford County Debt Support | | (2,000,000.00) | (2,000,000.00) | | 100% |
| Total BOS Capital Contributions | | (2,000,000.00) | (2,000,000.00) | | 100% |
| Projects Funded by Bedford Co.: | | | | | |
| 3904-3340 Bedford County Projects | | (201,243.91) | | 201,243.91 | 0% |
| Total Projects Funded by Bedford Co. | | (201,243.91) | | 201,243.91 | 0% |
| BOS Contributions for New Development: | | | | | |
| 3904-3305 Bedford County Support-Forest Sewer | | (500,000.00) | (500,000.00) | | 100% |
| Total BOS Contributions for New Development | | (500,000.00) | (500,000.00) | | 100% |
| Developer Line Contributions: | | | | | |
| 3904-3315 Developer Contributions | | | (200,000.00) | (200,000.00) | 0% |
| Total Developer Line Contributions | | | (200,000.00) | (200,000.00) | 0% |
| Contributions from Town: | | | | | |
| 3904-3325 Town of Bedford ARPA Projects | | (676,254.49) | | 676,254.49 | 0% |
| Total Contributions from Town | | (676,254.49) | | 676,254.49 | 0% |
| Contributions for DEQ Projects: | | | | | |
| 3904-3350 VA Revolving Loan- Principal Forgiveness | | (632,636.00) | | 632,636.00 | 0% |
| Total Contributions for DEQ Projects | | (632,636.00) | | 632,636.00 | 0% |
| SML WTF Revenue: | | | | | |
| 3903-3330 SML WTF Revenue | | (25,094.41) | (400.00) | 24,694.41 | 6,274% |
| Total SML WTF Revenue | | (25,094.41) | (400.00) | 24,694.41 | 6,274% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|---|----------------|-------------------------|----------------------------|--------------------------------|----------------------|
| Developer Prepayments Redemption Revenue: | | | | | |
| 3904-3317 Developer Capital Recovery Fee Redemption Revenue | | | (20,000.00) | (20,000.00) | 0% |
| Total Developer Prepayments Redemption Revenue | | | (20,000.00) | (20,000.00) | 0% |
| Cell Tower Inspection Revenue: | | | | | |
| 3903-3266 Cell Tower Inspection Revenue | | (4,209.00) | | 4,209.00 | 0% |
| Total Cell Tower Inspection Revenue | | (4,209.00) | | 4,209.00 | 0% |
| Insurance Proceeds: | | | | | |
| 3903-3290 Insurance Proceeds | | (25,061.17) | | 25,061.17 | 0% |
| Total Insurance Proceeds | | (25,061.17) | | 25,061.17 | 0% |
| Revenue from Other Sources | (118,414.51) | (5,435,015.93) | (3,973,816.00) | 1,461,199.93 | 137% |
| Total Revenue | (1,439,256.48) | (18,697,333.49) | (19,369,114.00) | (671,780.51) | 97% |
| OPERATING EXPENSES | | | | | |
| Salaries: | | | | | |
| 4000-0010 Administration Salaries | 58,837.64 | 606,869.07 | 932,277.96 | 325,408.89 | 65% |
| 4000-0019 IT Oncall Stipend | 600.00 | 6,064.29 | 7,800.00 | 1,735.71 | 78% |
| 4000-0020 Administration Overtime | 638.52 | 1,040.26 | 2,309.73 | 1,269.47 | 45% |
| 4002-0010 Customer Service Salaries | 31,132.00 | 340,909.98 | 405,307.40 | 64,397.42 | 84% |
| 4002-0020 Customer Service Overtime | 302.28 | 4,223.44 | 19,615.92 | 15,392.48 | 22% |
| 4003-0010 Engineering Department Salaries | 62,135.17 | 669,927.22 | 722,756.20 | 52,828.98 | 93% |
| 4003-0019 Engineering OnCall Stipend | 750.00 | 6,964.29 | 7,800.00 | 835.71 | 89% |
| 4003-0020 Engineering Department Overtime | 2,372.42 | 30,910.71 | 34,938.46 | 4,027.75 | 88% |
| 4004-0010 Maintenance Department Salaries | 89,582.44 | 909,602.90 | 1,212,304.00 | 302,701.10 | 75% |
| 4004-0019 Maintenance Oncall Stipend Expense | 1,350.00 | 9,364.29 | 34,400.00 | 25,035.71 | 27% |
| 4004-0020 Maintenance Department Overtime | 10,266.92 | 88,958.91 | 167,976.59 | 79,017.68 | 53% |
| 4005-0010 Operations Department Salaries | 91,686.15 | 1,028,857.58 | 1,418,315.80 | 389,458.22 | 73% |
| 4005-0019 Operations Oncall Stipend | 750.00 | 3,750.00 | | (3,750.00) | 0% |
| 4005-0020 Operations Department Overtime | 4,880.73 | 61,519.85 | 112,385.76 | 50,865.91 | 55% |
| Total Salaries | 355,284.27 | 3,768,962.79 | 5,078,187.82 | 1,309,225.03 | 74% |
| General Office Expenses: | | | | | |
| 4010-0075 Board & Committee Meetings | | 895.08 | 1,000.00 | 104.92 | 90% |
| 4010-0100 Office Supplies | 3,037.23 | 10,731.82 | 8,000.00 | (2,731.82) | 134% |
| 4010-0103 Public Outreach Expenses | 2,319.86 | 5,294.64 | 15,875.00 | 10,580.36 | 33% |
| 4010-0110 Building Maintenance Expense | 6,121.25 | 43,586.71 | 24,000.00 | (19,586.71) | 182% |
| 4010-0130 Postage and Shipping Expense | 1,351.62 | 7,420.99 | 8,000.00 | 579.01 | 93% |
| 4010-0140 Commercial Phone Charges | 1,127.50 | 9,028.64 | 12,120.00 | 3,091.36 | 74% |
| 4010-0142 Cellular Phone Service | 4,169.85 | 18,330.07 | 20,480.00 | 2,149.93 | 90% |
| 4010-0150 Building Power and Utilities | 3,437.37 | 16,928.98 | 16,767.00 | (161.98) | 101% |
| 4010-0155 Building Fuel Costs | 1,224.67 | 6,657.53 | 8,000.00 | 1,342.47 | 83% |
| 4010-0170 Advertising | 2,242.52 | 17,708.41 | 18,000.00 | 291.59 | 98% |
| 4010-0175 Bank Service charges | | 10,632.02 | 16,800.00 | 6,167.98 | 63% |
| 4010-0200 Accounting Services | | 36,904.00 | 45,000.00 | 8,096.00 | 82% |
| 4010-0220 Legal Expenses | 3,238.50 | 21,658.60 | 18,000.00 | (3,658.60) | 120% |
| 4010-0400 Board of Directors Fees | 1,750.00 | 17,250.00 | 21,000.00 | 3,750.00 | 82% |
| 4010-0401 Board Mileage Reimbursements | 30.79 | 208.48 | 3,360.00 | 3,151.52 | 6% |
| 4010-0085 Long Range Planning | | | 15,000.00 | 15,000.00 | 0% |
| 4010-0160 Employee Bond | | | 562.00 | 562.00 | 0% |
| 4010-0161 Building Insurance | | | 2,500.00 | 2,500.00 | 0% |
| Total General Office Expenses | 30,051.16 | 223,235.97 | 254,464.00 | 31,228.03 | 88% |
| Employee Benefit & Related Expenses: | | | | | |
| 4100-0030 Payroll Taxes | 25,850.42 | 288,315.24 | 384,656.00 | 96,340.76 | 75% |
| 4100-0040 VRS Retirement and Group Life | 29,505.81 | 281,914.22 | 470,086.00 | 188,171.78 | 60% |
| 4100-0041 VRS Hybrid Disability Program | 785.76 | 6,969.67 | 12,668.00 | 5,698.33 | 55% |
| 4100-0050 Health Insurance | 65,047.77 | 678,305.84 | 868,514.00 | 190,208.16 | 78% |
| 4100-0055 Flexible Spending Account | (309.72) | 1,540.44 | 2,500.00 | 959.56 | 62% |
| 4100-0060 Worker's Compensation | | 1,941.00 | 66,018.00 | 64,077.00 | 3% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|-------------------------------|---|--------------|-------------------------|----------------------------|--------------------------------|----------------------|
| 4100-0065 | Employee Testing | | 4,609.10 | 5,556.00 | 946.90 | 83% |
| 4100-0075 | Meetings | 290.21 | 3,495.42 | 6,165.00 | 2,669.58 | 57% |
| 4100-0080 | Professional Dues | 404.00 | 5,143.50 | 20,137.00 | 14,993.50 | 26% |
| 4100-0085 | Training and Education | 9,284.08 | 60,209.36 | 144,845.00 | 84,635.64 | 42% |
| 4100-0086 | Continuing Education | | 7,878.00 | 13,501.00 | 5,623.00 | 58% |
| 4100-0090 | Whistle Blower Hotline | 143.75 | 143.75 | 500.00 | 356.25 | 29% |
| 4100-0101 | Clothing and Uniforms | 1,406.10 | 12,742.01 | 46,981.00 | 34,238.99 | 27% |
| 4100-0102 | Employee & Incentive Fund | 693.81 | 15,595.26 | 32,500.00 | 16,904.74 | 48% |
| 4100-0103 | Safety | 2,588.34 | 29,321.77 | 73,595.00 | 44,273.23 | 40% |
| 4100-0045 | Unemployment Payments | | | 6,000.00 | 6,000.00 | 0% |
| 4100-0070 | Mileage Reimbursements | | | 1,170.00 | 1,170.00 | 0% |
| | Total Employee Benefit & Related Expenses | 135,690.33 | 1,398,124.58 | 2,155,392.00 | 757,267.42 | 65% |
| Billing Expenses: | | | | | | |
| 4110-0097 | Collection Agency Expense | 2,124.42 | 2,597.78 | 3,000.00 | 402.22 | 87% |
| 4110-0110 | Bill Processing Services | 7,196.97 | 100,026.58 | 100,099.00 | 72.42 | 100% |
| 4110-0112 | Customer Notification Expenses | | 113.67 | 5,000.00 | 4,886.33 | 2% |
| 4110-0120 | Customer Service Software Maintenance | 446.00 | 36,944.22 | 58,050.00 | 21,105.78 | 64% |
| 4110-0125 | Credit Card Processing Fees | 3,596.97 | 30,264.91 | 26,250.00 | (4,014.91) | 115% |
| 4110-0175 | Courier Service | 545.41 | 4,636.06 | 5,550.00 | 913.94 | 84% |
| 4110-0091 | Bad Debt Expense Water | | | 20,000.00 | 20,000.00 | 0% |
| 4110-0093 | Bad Debt Expense Sewer | | | 15,000.00 | 15,000.00 | 0% |
| 4110-0094 | Bad Debt Expense Penalties/Misc. | | | 5,000.00 | 5,000.00 | 0% |
| | Total Billing Expenses | 13,909.77 | 174,583.22 | 237,949.00 | 63,365.78 | 73% |
| Information Systems Expenses: | | | | | | |
| 4120-0100 | Information Systems Supplies | 1,105.08 | 10,034.57 | 8,500.00 | (1,534.57) | 118% |
| 4120-0110 | Contracted Services (Network) | 5,945.58 | 26,382.30 | 30,160.00 | 3,777.70 | 87% |
| 4120-0115 | Continuing Support (Software) | 82,276.41 | 152,928.59 | 140,894.00 | (12,034.59) | 109% |
| 4120-0145 | Internet and WAN Communications | 1,250.00 | 6,275.80 | 12,850.00 | 6,574.20 | 49% |
| | Total Information Systems Expenses | 90,577.07 | 195,621.26 | 192,404.00 | (3,217.26) | 102% |
| Administration Supplies: | | | | | | |
| 4130-0100 | Administration Supplies | | 600.33 | 1,746.00 | 1,145.67 | 34% |
| | Total Administration Supplies | | 600.33 | 1,746.00 | 1,145.67 | 34% |
| Customer Service Supplies: | | | | | | |
| 4140-0100 | Customer Service Supplies | 50.00 | 1,798.02 | 5,301.00 | 3,502.98 | 34% |
| | Total Customer Service Supplies | 50.00 | 1,798.02 | 5,301.00 | 3,502.98 | 34% |
| Engineering Expenses: | | | | | | |
| 4210-0100 | Engineering Supplies | 3,234.52 | 24,739.90 | 23,491.00 | (1,248.90) | 105% |
| 4210-0110 | Engineering Reviews | 5,475.00 | 46,792.25 | 104,500.00 | 57,707.75 | 45% |
| 4210-0141 | Locating Notification Tickets | 814.80 | 7,303.45 | 10,270.00 | 2,966.55 | 71% |
| 4210-0240 | Construction testing | 205.00 | 1,799.00 | 5,360.00 | 3,561.00 | 34% |
| | Total Engineering Expenses | 9,729.32 | 80,634.60 | 143,621.00 | 62,986.40 | 56% |
| Operations Expenses: | | | | | | |
| 4220-0100 | Wastewater Operations Supplies | | 1,643.61 | 1,600.00 | (43.61) | 103% |
| | Total Operations Expenses | | 1,643.61 | 1,600.00 | (43.61) | 103% |
| Compliance Program Supplies: | | | | | | |
| 4221-0100 | FROG Program Supplies | 61.95 | 643.34 | 6,350.00 | 5,706.66 | 10% |
| | Total Compliance Program Supplies | 61.95 | 643.34 | 6,350.00 | 5,706.66 | 10% |
| Pretreatment Expenses: | | | | | | |
| 4222-0100 | Pretreatment Supplies/Expenses | 574.00 | 13,013.15 | 19,600.00 | 6,586.85 | 66% |
| 4222-0200 | Backflow Supplies | | 2,750.48 | 10,000.00 | 7,249.52 | 28% |
| | Total Pretreatment Expenses | 574.00 | 15,763.63 | 29,600.00 | 13,836.37 | 53% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|---|--|--------------|-------------------------|----------------------------|--------------------------------|----------------------|
| Lab Supplies: | | | | | | |
| 4225-0100 | Lab Supplies | 2,667.95 | 14,407.65 | 22,000.00 | 7,592.35 | 65% |
| | Total Lab Supplies | 2,667.95 | 14,407.65 | 22,000.00 | 7,592.35 | 65% |
| Maintenance Expenses: | | | | | | |
| 4230-0100 | Maintenance Supplies | 11,649.58 | 51,450.38 | 69,228.00 | 17,777.62 | 74% |
| | Total Maintenance Expenses | 11,649.58 | 51,450.38 | 69,228.00 | 17,777.62 | 74% |
| Vehicles & Equipment Expenses: | | | | | | |
| 4240-0100 | Vehicles and Equipment Supplies | 6,483.94 | 36,465.96 | 43,350.00 | 6,884.04 | 84% |
| 4240-0110 | Vehicles and Equipment Contracted Services | 9,178.90 | 99,130.53 | 85,000.00 | (14,130.53) | 117% |
| 4240-0155 | Vehicles & Equipment Fuel Costs | 12,580.58 | 112,316.20 | 105,000.00 | (7,316.20) | 107% |
| 4240-0162 | Vehicles and Equipment Insurance | | | 34,377.00 | 34,377.00 | 0% |
| | Total Vehicles & Equipment Expenses | 28,243.42 | 247,912.69 | 267,727.00 | 19,814.31 | 93% |
| Forest Water Expenses: | | | | | | |
| 4250-0100 | Forest Water Supplies | 1,284.45 | 12,990.55 | 35,000.00 | 22,009.45 | 37% |
| 4250-0110 | Forest Water Contracted Services | 7,333.33 | 21,742.13 | 30,000.00 | 8,257.87 | 72% |
| 4250-0115 | Forest Water System Repairs & Improvements | (3,114.19) | 1,411.89 | 3,500.00 | 2,088.11 | 40% |
| 4250-0140 | Forest Water Communications | 123.78 | 827.25 | 400.00 | (427.25) | 207% |
| 4250-0150 | Forest Water Power | 383.24 | 4,078.22 | 6,000.00 | 1,921.78 | 68% |
| 4250-0240 | Forest Water Sampling and Testing | 949.60 | 7,395.85 | 7,000.00 | (395.85) | 106% |
| 4250-0300 | Forest Water Purchased | 104,239.74 | 532,776.45 | 690,250.00 | 157,473.55 | 77% |
| 4250-0410 | Forest Water VDH Fees | | 26,259.00 | 27,232.00 | 973.00 | 96% |
| 4250-0101 | Forest Water Meter Installations | | | 56,000.00 | 56,000.00 | 0% |
| 4250-0105 | Forest Water Chemicals | | | 500.00 | 500.00 | 0% |
| 4250-0161 | Forest Water Insurance | | | 18,263.00 | 18,263.00 | 0% |
| | Total Forest Water Expenses | 111,199.95 | 607,481.34 | 874,145.00 | 266,663.66 | 69% |
| Well Systems Expenses: | | | | | | |
| 4260-0100 | Well Systems Supplies | 339.26 | 8,183.99 | 10,400.00 | 2,216.01 | 79% |
| 4260-0105 | Well Systems Chemicals | 2,102.09 | 5,635.04 | 5,000.00 | (635.04) | 113% |
| 4260-0110 | Well Systems Contracted Services | 80.72 | 26,626.48 | 9,000.00 | (17,626.48) | 296% |
| 4260-0115 | Well Systems Repairs & Improvements | 226.01 | 226.01 | 1,500.00 | 1,273.99 | 15% |
| 4260-0140 | Well Systems Communications | | 208.33 | | (208.33) | 0% |
| 4260-0150 | Well Systems Power | 837.31 | 4,391.95 | 6,000.00 | 1,608.05 | 73% |
| 4260-0240 | Well Systems Sampling and Testing | 40.00 | 2,435.85 | 3,000.00 | 564.15 | 81% |
| 4260-0410 | Well Systems VDH Fees | | 702.00 | 690.00 | (12.00) | 102% |
| 4260-0101 | Well Systems Meter Installations | | | 500.00 | 500.00 | 0% |
| 4260-0161 | Well Systems Insurance | | | 786.00 | 786.00 | 0% |
| | Total Well Systems Expenses | 3,625.39 | 48,409.65 | 36,876.00 | (11,533.65) | 131% |
| SML Central Distribution Water System Expenses: | | | | | | |
| 4265-0100 | SML Central Water Distribution Supplies | 11,132.01 | 20,733.27 | 20,000.00 | (733.27) | 104% |
| 4265-0110 | SML Central Water Distribution Contracted Services | 4,963.33 | 7,341.56 | 15,000.00 | 7,658.44 | 49% |
| 4265-0140 | SML Communications | 21.12 | 510.81 | | (510.81) | 0% |
| 4265-0150 | SML Central Electric | 125.76 | 597.22 | | (597.22) | 0% |
| 4265-0240 | SML Central Water Distribution Sampling & Testing | 426.40 | 4,334.52 | 5,000.00 | 665.48 | 87% |
| 4265-0410 | SML Central Water Distribution VDH Fees | | 4,641.00 | 4,508.00 | (133.00) | 103% |
| 4265-0101 | SML Central Water Distribution Meter Installations | | | 6,500.00 | 6,500.00 | 0% |
| 4265-0115 | SML Central Water Distrib. Repairs & Improvements | | | 1,000.00 | 1,000.00 | 0% |
| | Total SML Central Distribution Water System Expenses | 16,668.62 | 38,158.38 | 52,008.00 | 13,849.62 | 73% |
| Highpoint Facility Expenses: | | | | | | |
| 4270-0105 | Highpoint Facility Chemicals | 4,445.32 | 4,445.32 | 1,000.00 | (3,445.32) | 445% |
| 4270-0110 | Highpoint Facility Contracted Services | | 6,484.30 | 7,000.00 | 515.70 | 93% |
| 4270-0150 | Highpoint Facility Power | 1,611.87 | 13,802.40 | 14,000.00 | 197.60 | 99% |
| 4270-0155 | Highpoint Facility Fuel Costs | | 1,284.37 | 2,000.00 | 715.63 | 64% |
| 4270-0371 | Highpoint Facility Road Maintenance Fees | | 1,460.00 | 1,320.00 | (140.00) | 111% |
| 4270-0100 | Highpoint Facility Supplies | | | 1,500.00 | 1,500.00 | 0% |
| 4270-0161 | Highpoint Facility Insurance | | | 5,740.00 | 5,740.00 | 0% |
| | Total Highpoint Facility Expenses | 6,057.19 | 27,476.39 | 32,560.00 | 5,083.61 | 84% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|---|-------------------|-------------------------|----------------------------|--------------------------------|----------------------|
| SMLWTF Water Treatment Expenses: | | | | | |
| 4330-0100 SMLWTF Water Treatment Supplies | 8,071.44 | 34,433.16 | 33,000.00 | (1,433.16) | 104% |
| 4330-0105 SMLWTF Water Treatment Chemicals | 9,612.00 | 71,868.98 | 55,000.00 | (16,868.98) | 131% |
| 4330-0110 SMLWTF Water Treatment Contracted Services | 83,628.44 | 95,098.56 | 208,750.00 | 113,651.44 | 46% |
| 4330-0140 SMLWTF Water Treatment Communications | 53.20 | 1,510.24 | 780.00 | (730.24) | 194% |
| 4330-0150 SMLWTF Water Treatment Power | 22,037.77 | 205,477.07 | 210,000.00 | 4,522.93 | 98% |
| 4330-0240 SMLWTF Water Treatment Sampling & Testing | 86.00 | 2,012.20 | 8,750.00 | 6,737.80 | 23% |
| 4330-0300 SML Water Quality Monitoring | | 7,500.00 | 7,500.00 | | 100% |
| 4330-0155 SMLWTF Water Treatment Fuel Costs | | | 1,000.00 | 1,000.00 | 0% |
| 4330-0161 SMLWTF Water Treatment Property Insurance | | | 8,524.00 | 8,524.00 | 0% |
| 4330-0370 SMLWTF Water Treatment Raw Water Fee | | | 8,800.00 | 8,800.00 | 0% |
| Total SMLWTF Water Treatment Expenses | 123,488.85 | 417,900.21 | 542,104.00 | 124,203.79 | 77% |
| Central Water Distribution Expenses: | | | | | |
| 4275-0100 Central Water Supplies | 10,440.43 | 25,115.85 | 45,000.00 | 19,884.15 | 56% |
| 4275-0110 Central Water Contracted Services | 12,261.34 | 82,653.39 | 90,000.00 | 7,346.61 | 92% |
| 4275-0115 Central Water Repairs & Improvements | 6,917.65 | 31,664.69 | 40,000.00 | 8,335.31 | 79% |
| 4275-0140 Central Water Communications | | 208.33 | | (208.33) | 0% |
| 4275-0155 Central Water Fuel Purchases | | 22.61 | 500.00 | 477.39 | 5% |
| 4275-0240 Central Water Sampling & Testing | 908.00 | 6,357.22 | 12,750.00 | 6,392.78 | 50% |
| 4275-0410 Central Water VDH Fees | | 11,307.00 | 12,091.00 | 784.00 | 94% |
| 4275-0101 Central Water Meter Installations | | | 3,750.00 | 3,750.00 | 0% |
| Total Central Water Distribution Expenses | 30,527.42 | 157,329.09 | 204,091.00 | 46,761.91 | 77% |
| Central Water Treatment Expenses: | | | | | |
| 4276-0100 Central Water Treatment Supplies | 1,886.45 | 33,744.76 | 40,000.00 | 6,255.24 | 84% |
| 4276-0105 Central Water Treatment Chemicals | 8,162.53 | 42,348.34 | 50,000.00 | 7,651.66 | 85% |
| 4276-0110 Central Water Treatment Contracted Services | 200.00 | 21,441.34 | 15,000.00 | (6,441.34) | 143% |
| 4276-0140 Central Water Treatment Communications | 165.45 | 1,001.63 | 1,020.00 | 18.37 | 98% |
| 4276-0150 Central Water Treatment Power | 5,932.73 | 35,896.19 | 32,000.00 | (3,896.19) | 112% |
| 4276-0155 Central Water Treatment Fuel | | 493.42 | 1,800.00 | 1,306.58 | 27% |
| 4276-0161 Central Water Treatment Property Insurance | | | 19,468.00 | 19,468.00 | 0% |
| 4276-0240 Central Water Treatment Sampling & Testing | | | 1,500.00 | 1,500.00 | 0% |
| Total Central Water Treatment Expenses | 16,347.16 | 134,925.68 | 160,788.00 | 25,862.32 | 84% |
| Stewartsville Water Expenses: | | | | | |
| 4280-0100 Stewartsville Water Supplies | | 8,340.63 | 3,500.00 | (4,840.63) | 238% |
| 4280-0110 Stewartsville Water Contracted Services | | 810.00 | 4,000.00 | 3,190.00 | 20% |
| 4280-0140 Stewartsville Water Communications | 108.90 | 544.54 | 600.00 | 55.46 | 91% |
| 4280-0150 Stewartsville Water Power | 27.77 | 236.36 | 400.00 | 163.64 | 59% |
| 4280-0240 Stewartsville Water Sampling and Testing | 20.00 | 842.49 | 2,000.00 | 1,157.51 | 42% |
| 4280-0300 Stewartsville Water Purchased | 1,077.76 | 13,184.33 | 38,500.00 | 25,315.67 | 34% |
| 4280-0410 Stewartsville Water VDH Fees | | 429.00 | 422.00 | (7.00) | 102% |
| 4280-0101 Stewartsville Meter Installations | | | 500.00 | 500.00 | 0% |
| 4280-0115 Stewartsville Water Repairs & Improvements | | | 2,500.00 | 2,500.00 | 0% |
| 4280-0161 Stewartsville Water Insurance | | | 721.00 | 721.00 | 0% |
| Total Stewartsville Water Expenses | 1,234.43 | 24,387.35 | 53,143.00 | 28,755.65 | 46% |
| Forest Sewer Expenses: | | | | | |
| 4290-0100 Forest Sewer Supplies | 243.34 | 22,731.75 | 66,000.00 | 43,268.25 | 34% |
| 4290-0105 Forest Sewer Chemicals | 8,661.17 | 48,807.78 | 72,000.00 | 23,192.22 | 68% |
| 4290-0110 Forest Sewer Contracted Services | 3,365.00 | 32,114.78 | 60,000.00 | 27,885.22 | 54% |
| 4290-0115 Forest Sewer Repairs & Improvements | 850.00 | 850.00 | 35,000.00 | 34,150.00 | 2% |
| 4290-0140 Forest Sewer Communications | 221.64 | 1,365.87 | 3,600.00 | 2,234.13 | 38% |
| 4290-0150 Forest Sewer Power | 4,783.31 | 39,481.25 | 37,200.00 | (2,281.25) | 106% |
| 4290-0350 Forest Sewer Treatment Costs | 50,000.00 | 225,000.00 | 300,000.00 | 75,000.00 | 75% |
| 4290-0155 Forest Sewer Fuel Expense | | | 3,000.00 | 3,000.00 | 0% |
| 4290-0161 Forest Sewer Insurance | | | 5,201.00 | 5,201.00 | 0% |
| 4290-0240 Forest Sewer Testing | | | 500.00 | 500.00 | 0% |
| Total Forest Sewer Expenses | 68,124.46 | 370,351.43 | 582,501.00 | 212,149.57 | 64% |
| Central Sewer Collection System Expenses: | | | | | |
| 4291-0100 Central Sewer Supplies | 1,200.13 | 20,412.39 | 70,000.00 | 49,587.61 | 29% |
| 4291-0110 Central Sewer Coll System Contracted Services | 20,354.18 | 135,207.45 | 63,000.00 | (72,207.45) | 215% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|--|--|------------------|-------------------------|----------------------------|--------------------------------|----------------------|
| 4291-0115 | Central Sewer Repairs & Improvements | 1,881.85 | 27,015.85 | 109,000.00 | 81,984.15 | 25% |
| 4291-0150 | Central Sewer Power | 7,251.45 | 26,980.30 | 50,000.00 | 23,019.70 | 54% |
| 4291-0155 | Central Sewer Fuel Costs | | 815.67 | 3,000.00 | 2,184.33 | 27% |
| 4291-0240 | Central Sewer Sampling & Testing | | 41.00 | 250.00 | 209.00 | 16% |
| | Total Central Sewer Collection System Expenses | 30,687.61 | 210,472.66 | 295,250.00 | 84,777.34 | 71% |
| Central Sewer Treatment Expenses: | | | | | | |
| 4293-0100 | Center Sewer Treatment Supplies | 9,780.12 | 51,667.25 | 73,000.00 | 21,332.75 | 71% |
| 4293-0105 | Center Sewer Treatment Chemicals | 9,998.47 | 101,779.97 | 110,000.00 | 8,220.03 | 93% |
| 4293-0110 | Center Sewer Treatment Contracted Services | 7,311.66 | 50,199.28 | 60,000.00 | 9,800.72 | 84% |
| 4293-0115 | Center Sewer Sludge Tipping Fees | 4,053.00 | 19,342.00 | 45,000.00 | 25,658.00 | 43% |
| 4293-0140 | Center Sewer Treatment Communications | 890.62 | 7,411.30 | 9,162.00 | 1,750.70 | 81% |
| 4293-0150 | Center Sewer Treatment Power | 10,260.43 | 119,672.78 | 212,000.00 | 92,327.22 | 56% |
| 4293-0155 | Central Sewer Fuel | | 1,015.26 | 1,500.00 | 484.74 | 68% |
| 4293-0240 | Center Sewer Treatment Sampling & Testing | 3,290.33 | 26,339.66 | 25,000.00 | (1,339.66) | 105% |
| 4293-0411 | Center Sewer DEQ Charges | | 9,657.00 | 9,529.00 | (128.00) | 101% |
| 4293-0161 | Center Sewer Treatment Property Insurance | | | 16,449.00 | 16,449.00 | 0% |
| | Total Central Sewer Treatment Expenses | 45,584.63 | 387,084.50 | 561,640.00 | 174,555.50 | 69% |
| Moneta Sewer Collection System Expenses: | | | | | | |
| 4292-0100 | Moneta Sewer Supplies | | 12,873.06 | 7,000.00 | (5,873.06) | 184% |
| 4292-0110 | Moneta Sewer Contracted Services | 498.00 | 15,168.27 | 8,000.00 | (7,168.27) | 190% |
| 4292-0115 | Moneta Sewer Repairs & Improvements | | 40.00 | | (40.00) | 0% |
| 4292-0140 | Moneta Communications | 79.18 | 395.93 | 400.00 | 4.07 | 99% |
| 4292-0150 | Moneta Sewer Power | 1,552.67 | 12,838.37 | 15,000.00 | 2,161.63 | 86% |
| 4292-0105 | Moneta Sewer Chemicals | | | 2,000.00 | 2,000.00 | 0% |
| 4292-0155 | Moneta Sewer Fuel Costs | | | 2,000.00 | 2,000.00 | 0% |
| 4292-0240 | Moneta Sewer Sampling & Testing | | | 600.00 | 600.00 | 0% |
| | Total Moneta Sewer Collection System Expenses | 2,129.85 | 41,315.63 | 35,000.00 | (6,315.63) | 118% |
| Moneta Sewer Treatment Expenses: | | | | | | |
| 4294-0100 | Moneta Sewer Treatment Supplies | 19.25 | 7,121.66 | 20,000.00 | 12,878.34 | 36% |
| 4294-0105 | Moneta Sewer Treatment Chemicals | 3,444.02 | 9,365.17 | 12,000.00 | 2,634.83 | 78% |
| 4294-0110 | Moneta Sewer Contracted Services | 900.00 | 16,441.66 | 28,000.00 | 11,558.34 | 59% |
| 4294-0115 | Moneta Sewer Sludge Tipping Fees | 367.00 | 4,430.00 | 10,000.00 | 5,570.00 | 44% |
| 4294-0140 | Moneta Sewer Treatment Communications | 144.60 | 2,209.20 | 3,500.00 | 1,290.80 | 63% |
| 4294-0150 | Moneta Sewer Treatment Power | 4,800.57 | 39,408.48 | 39,000.00 | (408.48) | 101% |
| 4294-0155 | Moneta Sewer Fuel | 338.57 | 1,971.14 | 350.00 | (1,621.14) | 563% |
| 4294-0240 | Moneta Sewer Treatment Sampling & Testing | 1,449.00 | 13,278.59 | 10,000.00 | (3,278.59) | 133% |
| 4294-0411 | Moneta Sewer DEQ Charges | | 2,985.00 | 2,940.00 | (45.00) | 102% |
| 4294-0161 | Moneta Sewer Treatment Property Insurance | | | 6,447.00 | 6,447.00 | 0% |
| | Total Moneta Sewer Treatment Expenses | 11,463.01 | 97,210.90 | 132,237.00 | 35,026.10 | 74% |
| Montvale Sewer Expenses: | | | | | | |
| 4295-0100 | Montvale Sewer Supplies | 234.28 | 3,361.40 | 10,000.00 | 6,638.60 | 34% |
| 4295-0105 | Montvale Sewer Chemicals | 317.04 | 1,368.83 | 1,000.00 | (368.83) | 137% |
| 4295-0110 | Montvale Sewer Contracted Services | | 1,984.28 | 7,000.00 | 5,015.72 | 28% |
| 4295-0140 | Montvale Communications | 21.41 | 106.49 | 300.00 | 193.51 | 35% |
| 4295-0150 | Montvale Sewer Power | 10.75 | 298.13 | 400.00 | 101.87 | 75% |
| 4295-0240 | Montvale Sewer Sampling & Testing | 446.00 | 2,444.98 | 4,000.00 | 1,555.02 | 61% |
| 4295-0411 | Montvale Sewer DEQ charges | | 2,388.00 | 2,400.00 | 12.00 | 100% |
| 4295-0155 | Montvale Sewer Fuel Costs | | | 250.00 | 250.00 | 0% |
| 4295-0161 | Montvale Sewer Insurance | | | 910.00 | 910.00 | 0% |
| | Total Montvale Sewer Expenses | 1,029.48 | 11,952.11 | 26,260.00 | 14,307.89 | 46% |
| Montvale Sewer Collection System Expenses: | | | | | | |
| 4296-0100 | Montvale Sewer Collection Supplies | | | 4,000.00 | 4,000.00 | 0% |
| 4296-0110 | Montvale Sewer Collection Contracted Services | | | 2,500.00 | 2,500.00 | 0% |
| | Total Montvale Sewer Collection System Expenses | | | 6,500.00 | 6,500.00 | 0% |
| Mariners Landing Sewer Expenses: | | | | | | |
| 4340-0100 | Mariners Landing Sewer Supplies | | 18,850.61 | 37,000.00 | 18,149.39 | 51% |
| 4340-0110 | Mariners Landing Sewer Contracted Services | 5,390.00 | 33,489.00 | 30,000.00 | (3,489.00) | 112% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|----------------------------------|---|--------------|-------------------------|----------------------------|--------------------------------|----------------------|
| 4340-0140 | Mariners Landing Sewer Communication | | 1,045.15 | 840.00 | (205.15) | 124% |
| 4340-0150 | Mariners Landing Sewer Power | 4,801.67 | 21,978.70 | 28,000.00 | 6,021.30 | 78% |
| 4340-0240 | Mariners Landing Sewer Sampling & Testing | | 284.00 | 1,500.00 | 1,216.00 | 19% |
| 4340-0105 | Mariners Landing Sewer Chemicals | | | 1,500.00 | 1,500.00 | 0% |
| 4340-0155 | Mariners Landing Sewer Fuel Costs | | | 2,000.00 | 2,000.00 | 0% |
| 4340-0161 | Mariners Landing Sewer Property Insurance | | | 1,727.00 | 1,727.00 | 0% |
| | Total Mariners Landing Sewer Expenses | 10,191.67 | 75,647.46 | 102,567.00 | 26,919.54 | 74% |
| Cedar Rock Sewer Expenses: | | | | | | |
| 4350-0100 | Cedar Rock Sewer Supplies | 20.35 | 3,895.09 | 10,000.00 | 6,104.91 | 39% |
| 4350-0105 | Cedar Rock Sewer Chemicals | 317.04 | 1,368.83 | 700.00 | (668.83) | 196% |
| 4350-0110 | Cedar Rock Sewer Contracted Services | | 3,750.00 | 12,000.00 | 8,250.00 | 31% |
| 4350-0140 | Cedar Rock Sewer Communication | 90.42 | 550.69 | 800.00 | 249.31 | 69% |
| 4350-0150 | Cedar Rock Sewer Power | 1,056.27 | 8,848.37 | 9,000.00 | 151.63 | 98% |
| 4350-0240 | Cedar Rock Sewer Sampling & Testing | 200.00 | 764.90 | 700.00 | (64.90) | 109% |
| 4350-0411 | Cedar Rock Sewer DEQ Permit Fees | | 2,388.00 | 2,400.00 | 12.00 | 100% |
| 4350-0155 | Cedar Rock Sewer Fuel Costs | | | 500.00 | 500.00 | 0% |
| 4350-0161 | Cedar Rock Sewer Property Insurance | | | 100.00 | 100.00 | 0% |
| | Total Cedar Rock Sewer Expenses | 1,684.08 | 21,565.88 | 36,200.00 | 14,634.12 | 60% |
| Paradise Point Water Expenses: | | | | | | |
| 4360-0110 | Paradise Point Contracted Services | | 5,520.00 | 5,000.00 | (520.00) | 110% |
| 4360-0150 | Paradise Point electric | 248.43 | 1,632.24 | 5,000.00 | 3,367.76 | 33% |
| 4360-0240 | Paradise Point Sampling and Testing | 20.00 | 381.52 | 550.00 | 168.48 | 69% |
| 4360-0410 | Paradise Point VDH Fees | | 72.00 | 74.00 | 2.00 | 97% |
| 4360-0100 | Paradise Point Supplies | | | 2,000.00 | 2,000.00 | 0% |
| 4360-0105 | Paradise Point Chemicals | | | 5,000.00 | 5,000.00 | 0% |
| 4360-0140 | Paradise Point Communications | | | 300.00 | 300.00 | 0% |
| 4360-0155 | Paradise Point Fuel Costs | | | 100.00 | 100.00 | 0% |
| | Total Paradise Point Water Expenses | 268.43 | 7,605.76 | 18,024.00 | 10,418.24 | 42% |
| Schools Sewer Expenses: | | | | | | |
| 4300-0100 | Schools Operations Supplies | 629.95 | 793.46 | 5,000.00 | 4,206.54 | 16% |
| 4300-0105 | Schools Chemicals | 1,689.02 | 4,208.83 | 3,500.00 | (708.83) | 120% |
| 4300-0240 | Schools Sampling and Testing | 501.74 | 9,909.74 | 7,000.00 | (2,909.74) | 142% |
| 4300-0110 | Schools Contracted Services | | | 15,000.00 | 15,000.00 | 0% |
| | Total Schools Sewer Expenses | 2,820.71 | 14,912.03 | 30,500.00 | 15,587.97 | 49% |
| Mariners Landing Water Expenses: | | | | | | |
| 4315-0140 | Mariners Landing Water Communications | 69.18 | 148.84 | | (148.84) | 0% |
| 4315-0240 | Mariners Landing Sampling Expenses | 284.00 | 284.00 | | (284.00) | 0% |
| | Total Mariners Landing Water Expenses | 353.18 | 432.84 | | (432.84) | 0% |
| Franklin County Operations: | | | | | | |
| 4320-0100 | Franklin County Supplies | 1,774.42 | 9,123.28 | 12,000.00 | 2,876.72 | 76% |
| 4320-0105 | Franklin County Chemicals | 5,918.02 | 14,918.87 | 12,000.00 | (2,918.87) | 124% |
| 4320-0240 | Franklin County Sampling & Testing | 13.94 | 13.94 | 12,000.00 | 11,986.06 | 0% |
| | Total Franklin County Operations | 7,706.38 | 24,056.09 | 36,000.00 | 11,943.91 | 67% |
| | Total Operating Expenditures | 1,169,681.32 | 8,894,057.45 | 12,283,963.82 | 3,389,906.37 | 72% |
| Depreciation: | | | | | | |
| 4400-0810 | Office Depreciation | | | 13,000.00 | 13,000.00 | 0% |
| 4400-0811 | Information Systems Depreciation | | | 51,000.00 | 51,000.00 | 0% |
| 4400-0812 | Vehicles and Equipment Depreciation | | | 300,000.00 | 300,000.00 | 0% |
| 4400-0813 | Forest Water Depreciation | | | 760,000.00 | 760,000.00 | 0% |
| 4400-0814 | Lakes Water Depreciation | | | 35,000.00 | 35,000.00 | 0% |
| 4400-0815 | SML Central Depreciation | | | 410,000.00 | 410,000.00 | 0% |
| 4400-0816 | Stewartsville Water Depreciation | | | 50,000.00 | 50,000.00 | 0% |
| 4400-0817 | Forest Sewer Depreciation | | | 575,000.00 | 575,000.00 | 0% |
| 4400-0818 | Montvale Sewer Depreciation | | | 83,000.00 | 83,000.00 | 0% |
| 4400-0819 | Amortization Expense | | | 600.00 | 600.00 | 0% |
| 4400-0820 | Studies Depreciation Expense | | | 27,000.00 | 27,000.00 | 0% |

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Ten Months Ending Sunday, April 30, 2023

| | | <u>Month</u> | <u>FY 22-23 YTD</u> | <u>FY 22-23 Budget</u> | <u>Remaining On Budget</u> | <u>Goal: 83%</u> |
|-----------------------------------|---|--------------|-------------------------|----------------------------|--------------------------------|----------------------|
| 4400-0821 | Moneta Sewer Depreciation | | | 451,000.00 | 451,000.00 | 0% |
| 4400-0822 | Central Sewer Depreciation | | | 510,000.00 | 510,000.00 | 0% |
| 4400-0823 | Center Water Depreciation | | | 440,000.00 | 440,000.00 | 0% |
| 4400-0824 | SML Water Treatment Facility Depreciation | | | 820,000.00 | 820,000.00 | 0% |
| 4400-0825 | Mariners Landing Sewer Depreciation | | | 62,000.00 | 62,000.00 | 0% |
| | Total Depreciation | | | 4,587,600.00 | 4,587,600.00 | 0% |
| Lynchburg Debt Service Paid: | | | | | | |
| 4500-0640 | Lynchburg Sewer Interest | | | 1,754.00 | 1,754.00 | 0% |
| | Total Lynchburg Debt Service Paid | | | 1,754.00 | 1,754.00 | 0% |
| 2012 VRA Interest: | | | | | | |
| 4500-0645 | VRA 2012 Interest (2005 refunding) | | 62,781.25 | 62,781.00 | (0.25) | 100% |
| | Total 2012 VRA Interest | | 62,781.25 | 62,781.00 | (0.25) | 100% |
| 2014 VRA Interest: | | | | | | |
| 4500-0660 | VRA 2014 Interest (2005 Refunding) | | 77,281.26 | 77,281.00 | (0.26) | 100% |
| | Total 2014 VRA Interest | | 77,281.26 | 77,281.00 | (0.26) | 100% |
| 2015 VRA Interest: | | | | | | |
| 4500-0665 | VRA 2015 Interest | | 996,425.01 | 996,425.00 | (0.01) | 100% |
| | Total 2015 VRA Interest | | 996,425.01 | 996,425.00 | (0.01) | 100% |
| Assumed Debt from City: | | | | | | |
| 4500-0650 | Assumed Debt from Town- Interest | 169.31 | 65,474.62 | 65,475.00 | 0.38 | 100% |
| | Total Assumed Debt from City | 169.31 | 65,474.62 | 65,475.00 | 0.38 | 100% |
| VRA 2019 Interest: | | | | | | |
| 4500-0670 | VRA 2019 Refunding Interest | | 24,471.88 | 24,472.00 | 0.12 | 100% |
| | Total VRA 2019 Interest | | 24,471.88 | 24,472.00 | 0.12 | 100% |
| VRA 2020 Interest (ESCO project): | | | | | | |
| 4500-0675 | VRA 2020 Interest (ESCO) | | 134,109.39 | 134,109.00 | (0.39) | 100% |
| | Total VRA 2020 Interest (ESCO project) | | 134,109.39 | 134,109.00 | (0.39) | 100% |
| | Total Interest and Debt Service | 169.31 | 1,360,543.41 | 1,362,297.00 | 1,753.59 | 100% |
| | Total Exp., Depr. and Debt Service | 1,169,850.63 | 10,254,600.86 | 18,233,860.82 | 7,979,259.96 | 56% |
| | Total Revenues Less Oper Expense | (269,405.85) | (8,442,732.63) | (1,135,253.18) | 7,307,479.45 | 744% |
| | Gross Cash Before Capital Exp | (269,405.85) | (8,442,732.63) | (1,135,253.18) | 7,307,479.45 | 744% |
| | Less non-debt Capital Contributions | | (1,333,984.90) | (220,400.00) | 1,113,584.90 | 605% |
| | Earnings/(loss) before BRWA Capital Outlays | (269,405.85) | (7,108,747.73) | (914,853.18) | 6,193,894.55 | 777% |

BRWA Cash Flow Analysis- Truist Checking Account

| Description | July-22 | August-22 | September-22 | October-22 | November-22 | December-22 | January-23 | February-23 | March-23 | April-23 | May-23 | June-23 | YTD Total |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--------|---------|------------------|
| Starting Balance | \$ 1,026,445.26 | \$ 724,091.58 | \$ 1,403,825.22 | \$ 1,608,227.82 | \$ 1,842,266.08 | \$ 1,174,531.06 | \$ 1,591,386.90 | \$ 420,395.60 | \$ 4,882,400.71 | \$ 4,646,664.28 | | | |
| DEBITS | | | | | | | | | | | | | |
| Debits from Operations | | | | | | | | | | | | | |
| Capital Contributions/Asset Sales and Dispos: | \$ 221,063.42 | \$ 172,826.05 | \$ 975.00 | \$ 4,191.00 | \$ 28,417.86 | \$ 13,627.01 | \$ 500,000.00 | \$ 13,381.00 | \$ 676,254.49 | \$ 15,580.00 | | | \$ 1,646,315.83 |
| Cash From Operations | \$ 1,356,590.80 | \$ 1,715,187.09 | \$ 1,553,133.62 | \$ 1,423,934.22 | \$ 1,351,672.94 | \$ 1,540,573.46 | \$ 1,582,539.52 | \$ 1,218,301.11 | \$ 1,526,005.91 | \$ 1,273,443.17 | | | \$ 14,541,381.84 |
| Total Cash from Operations: | \$ 1,577,654.22 | \$ 1,888,013.14 | \$ 1,554,108.62 | \$ 1,428,125.22 | \$ 1,380,090.80 | \$ 1,554,200.47 | \$ 2,082,539.52 | \$ 1,231,682.11 | \$ 2,202,260.40 | \$ 1,289,023.17 | \$ - | \$ - | \$ 16,187,697.67 |
| Debits from Non-Operating Sources | | | | | | | | | | | | | |
| County CIP & Debt Service | \$ - | \$ 1,849,625.01 | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 150,374.99 | \$ - | | | \$ 2,000,000.00 |
| Transfers from Reserve Accounts | \$ - | \$ - | \$ 17,839.87 | \$ - | \$ - | \$ - | \$ - | \$ 1,953,647.00 | \$ - | \$ - | | | \$ 1,971,486.87 |
| Transfers from VRA Project Fund | \$ 418,204.46 | \$ - | \$ - | \$ - | \$ - | \$ 691,314.83 | \$ - | \$ 1,694,961.02 | \$ - | \$ 1,297,105.88 | | | \$ 4,101,586.19 |
| Transfers from Escrow Account | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 5,250.00 | \$ - | | | \$ 5,250.00 |
| Transfers from Capital & Replacement Fund | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 304,740.75 | \$ - | \$ - | | | \$ 304,740.75 |
| Transfers in Deposit Refund Program Fund | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | \$ - |
| Transfers from Economic Dev. Fund | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | \$ - |
| Transfers In Debt Service Fund | \$ - | \$ 1,593,271.89 | \$ - | \$ - | \$ - | \$ - | \$ 441,568.00 | \$ - | \$ 461,796.90 | \$ - | | | \$ 2,496,636.79 |
| Total Cash from Non Operating: | \$ 418,204.46 | \$ - | \$ 3,442,896.90 | \$ 17,839.87 | \$ - | \$ 691,314.83 | \$ 441,568.00 | \$ 3,953,348.77 | \$ 617,421.89 | \$ 1,297,105.88 | \$ - | \$ - | \$ 10,879,700.60 |
| Total Debits (Oper. and Non-Oper.) | \$ 1,995,858.68 | \$ 1,888,013.14 | \$ 4,997,005.52 | \$ 1,445,965.09 | \$ 1,380,090.80 | \$ 2,245,515.30 | \$ 2,524,107.52 | \$ 5,185,030.88 | \$ 2,819,682.29 | \$ 2,586,129.05 | \$ - | \$ - | \$ 27,067,398.27 |
| CREDITS | | | | | | | | | | | | | |
| Credits for Operating Expenditures | \$ 1,225,795.84 | \$ 1,007,349.72 | \$ 1,239,026.42 | \$ 816,601.70 | \$ 774,047.95 | \$ 1,071,297.78 | \$ 1,242,442.67 | \$ 654,085.77 | \$ 1,094,281.52 | \$ 1,089,707.69 | | | \$ 10,214,637.06 |
| Credits for Non-Operating Expenditures | | | | | | | | | | | | | |
| Payments on Capital Projects | \$ 1,062,538.24 | \$ 119,394.00 | \$ 100,523.90 | \$ 395,155.82 | \$ 1,273,777.87 | \$ 745,387.74 | \$ 2,003,105.53 | \$ 68,940.00 | \$ 944,974.00 | \$ 1,104,992.67 | | | \$ 7,818,789.77 |
| Payments on Debt Service | \$ 71,657.50 | \$ 3,442,896.90 | \$ 169.31 | \$ - | \$ - | \$ 441,568.00 | \$ - | \$ 612,171.89 | \$ - | \$ - | | | \$ 4,568,463.60 |
| Transfers to Debt Service Account | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 400,000.00 | \$ 365,509.93 | | | \$ 765,509.93 |
| Transfers to Capital Account | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | \$ - |
| Transfers to Replacement Fund | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 123,580.00 | | | \$ 123,580.00 |
| Transfers to Deposit Refund Program | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | \$ - |
| Transfers to Investment Account | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | \$ - |
| Transfers to Escrow Account | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | \$ - |
| Transfers to SML WTF Depreciation Fund | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | \$ - | | | \$ - |
| Payments/Transfers to Economic Development Fund | \$ 9,878.28 | \$ 9,878.28 | \$ 10,155.70 | \$ - | \$ - | \$ 11,973.94 | \$ 7,982.62 | \$ - | \$ 3,991.31 | \$ 4,110.99 | | | \$ 57,971.12 |
| Total Non-Operating Expenditures: | \$ 1,072,416.52 | \$ 200,929.78 | \$ 3,553,576.50 | \$ 395,325.13 | \$ 1,273,777.87 | \$ 757,361.68 | \$ 2,452,656.15 | \$ 68,940.00 | \$ 1,961,137.20 | \$ 1,598,193.59 | \$ - | \$ - | \$ 13,334,314.42 |
| Total Credits (Oper. and Non-Oper.) | \$ 2,298,212.36 | \$ 1,208,279.50 | \$ 4,792,602.92 | \$ 1,211,926.83 | \$ 2,047,825.82 | \$ 1,828,659.46 | \$ 3,695,098.82 | \$ 723,025.77 | \$ 3,055,418.72 | \$ 2,687,901.28 | \$ - | \$ - | \$ 23,548,951.48 |
| Ending Cash Balance | \$ 724,091.58 | \$ 1,403,825.22 | \$ 1,608,227.82 | \$ 1,842,266.08 | \$ 1,174,531.06 | \$ 1,591,386.90 | \$ 420,395.60 | \$ 4,882,400.71 | \$ 4,646,664.28 | \$ 4,544,892.05 | \$ - | \$ - | |

RESOLUTION MEMORANDUM

To: BRWA Board of Directors
From: Jill W. Underwood, Director of Finance
Date: May 8, 2023
Re: Resolution 2023-05.02 – Rate Information Policy 2.01

With the approval of Resolution 2023-05.01 for the rates, modifications are required to the 2.01 Rate Information policy; some of the changes proposed include the following:

- Fire Meter Assemblies were renamed to Large Compound Meter Assemblies, since some of these large meters are not used for Fire Suppression
- Revisions were necessary to include installing cleanouts on existing service laterals
- A section was added to include a sunset of base charges on Large Compound Meter Assemblies
- A tiered fee structure was added for Unauthorized Connection and Tampering fees
- A fee for Small Grinder Pump Reinstatement was added.

RATE INFORMATION

Section 1. PURPOSE

The purpose of this policy to explain how the Bedford Regional Water Authority (“Authority”) implements the adopted Rates policy and to provide explanation for each of the items contained in the Rates policy 2.00.

Section 2. GENERAL

- A. The rates adopted by the Authority will be in accordance with [§ 15.2-5136](#) of the Code of Virginia, as amended.
- B. Per the consolidation agreement that formed the Authority, it is intended that the rates will be equalized between all of the service areas by July 1, 2023 (“equalization period”).
- A. Rates may be adopted at any time during the year, upon the conclusion of the requisite advertisement period and upon the conclusion of a rate hearing. The rate changes may be implemented on any billing statement after the rate hearing, including usage that takes place prior to the date of the billing statement.

Section 3. EXISTING CUSTOMER FEES

- A. Volume Charge: Customers are charged for their water and/or sewer flow volume depending upon the classification of each user and based upon each gallon of their metered water flow. The classification definitions are as follows:
 - 1. Residential & Commercial: This rate is used for all customers using less than four hundred thousand (400,000) gallons per month when the primary use of the property is for the primary residence of the occupant. This designation applies to, but is not limited to, single family homes, apartments, townhomes, condominiums, ~~and other properties with similar uses; it does not apply to~~ businesses, ~~like~~ motels, hotels, or other temporary housing facilities.
 - ~~2. Commercial: This rate applies when the primary use of the property is for businesses and other non-residential use.~~
 - ~~3.2.~~ Industrial: Non-Residential Commercial customers with the annual average monthly flow volume per parcel being greater than four hundred thousand (400,000) gallons per month are billed at this rate.
 - ~~4.3.~~ Bulk fill: When water is sold to customers through water filling stations, where waterlines are not adjacent to or nearby the customer’s property, this rate applies. Additional information is available in Policy 2.71 - Filling Station
- B. Base Charge: All active accounts are charged a base charge for each service (water, sewer, and irrigation) provided. This charge is to cover the routine administrative and overhead costs associated with providing water and/or sewer service and is not related to the volume of water or sewer service provided. The Base Charge applies to each meter that provides service to a customer; multiple meters will have multiple Base Charges. When service is initiated for a new account, or when service is terminated, the Base Charge is prorated for partial month’s service; the proration is based on the number of days in which the account was active by the customer being billed.

RATE INFORMATION

1. Standard Meters: the amount of the Base Charge is based on the size of the meter.
2. Compound Meters: the amount of the Base Charge is based on the largest side of the compound meter.
3. Fire-Large Compound Meter Assembly: The Base Charges for Fire-Large Compound Meter Assemblies can be found in Section 5 of this policy.

Section 4. CONNECTION CHARGES

- A. Deposit: Each new customer shall maintain a security deposit for each service provided by the Authority and a signed deposit form must be on file. Deposits are maintained as stated in the Deposits policy.
- B. Capital Recovery Fee: Capital Recovery Fees are charged by the Authority to help offset the capital costs and debt service incurred by the Authority to build and maintain capacity in the entire water and/or sewer systems such that it is possible to serve the customer's actual and/or potential future demands. Capital Recovery Fees are charged based on the size of the water meter.
 1. New Connections: All new connections to the Authority's water and/or sewer systems will require the payment of Capital Recovery Fees before obtaining a building permit from Bedford County or the Town of Bedford.
 2. Upgrade of Existing Connections: When existing customers have increased flow demands that require an existing meter be removed and replaced with a larger meter, or expanded with an additional meter, the Capital Recovery Fee will be charged based on the difference between the current Capital Recovery Fee for the existing meter size and the current Capital Recovery Fee for the new meter size that is being installed.
 3. Fire-Large Compound Meter Assemblies: The Capital Recovery Fees for Fire-Large Compound Meter Assemblies can be found in Section 5 of this policy.
- C. Tap Fee: This fee is to make the physical connection to the Authority's system(s); it includes the installation of the water service line or sewer lateral to the customer's property line, the meter box or cleanout, and all related appurtenances to make service available for use by the customer.
 1. The Tap Fees charged are based on the following:
 - a. Fixed cost: The fixed cost Tap Fees are for standard small water meters and/or small gravity sewer laterals, either of which are 100-feet in pipe length or less; they are based on the meter size for water connection and lateral size for gravity sewer connections according to the current Rates policy. The fixed cost fee includes all costs associated with making the connections, and will be charged to the customer for the following connections:
 - i. New water services for water meters sized 1-inch and smaller; or,
 - ii. Relocation of an existing meter setting requested by customer. The relocation may be due to an unrepairable leak, a change of grade, or any other request made by the customer to move the meter to a different location; or,
 - iii. New gravity sewer services that are 6-inch and smaller on the same side of the road as the sewer main.
 - iii.iv. Installations of sewer clean-outs on existing sewer services at the request of the customer.

RATE INFORMATION

- b. Actual cost: The actual cost incurred by the Authority for making a connection to the public system will be charged to the customer at the current billing rates for labor and equipment, and the actual cost of the materials, supplies, and any contracted services used for the installation (not at a fixed cost). The actual costs are charged in the following situations:
 - i. Any water meter larger than 1-inch; or,
 - ii. Any gravity sewer lateral that is larger than 6-inches; or,
 - iii. Any gravity sewer lateral connection that requires crossing a road; or,
 - iv. Any connection that involves connecting the service line to a water line or sewer line that is under a paved road, thus requiring paving repairs; or,
 - v. Any other situation that is not specifically listed under fixed cost as stated herein.
2. Tap Fees are not charged if the water meter base assemblies and/or sewer lateral connections are installed to the property line by the developer as part of a new development.
3. Water meter base assemblies that are two-inches and smaller may be installed by the Authority. Larger installations may be designed and installed by the customer and their qualified contractor as approved by the Authority and under the direct supervision of the Authority.

Section 5. **LARGE COMPOUND METER ~~FIRE METER~~ ASSEMBLIES (“LCMA”)**

- A. Base Charge: The Base Charges for ~~Fire Meter Assemblies~~ LCMA will be charged as follows:
 1. Routine use of Large Side of ~~LCMA Meter Assembly~~:
 - a. Large Base Water and Large Base Sewer: The amount of the Base Charge for both water and sewer will be based on the larger side of the ~~LCMA fire meter assembly~~ if water flows through the large side of the meter for any purposes other than fire suppression events or Authority approved testing of the fire protection system.
 2. Infrequent use of Large Side of ~~LCMA Meter Assembly~~:
 - a. Large Base Water, Small Base Sewer: The amount of the Base Charge for water will be on the larger side of the ~~LCMA fire meter assembly~~ and sewer will be smaller side of the ~~LCMA fire meter assembly~~ when:
 - i. ~~water only flows through the large side of the LCMA fire meter assembly during fire suppression events or Authority approved testing of the fire protection system; and,;~~
 - ii. A Fire Suppression Service Charge is NOT billed to the account.
 - i. ~~_____~~
 - b. Small Base Water, Small Base Sewer: The amount of the Base Charge for both water and sewer will be based on the smaller side of the ~~LCMA fire meter assembly~~ when:
 - i. the Capital Recovery Fee for water was paid based on the large side of the ~~LCMA fire meter assembly~~; and,
 - ii. water only flows through the large side of the ~~fire meter assembly~~ LCMA during fire suppression events or Authority approved testing of the fire protection system; and,
 - iii. a Fire Suppression Service Charge is billed to the account.
 - c. Small Base Water: The amount of the Base Charge for water will be based on the smaller side of the ~~fire meter assembly~~ LCMA when:
 - i. No sewer service can be provided from water that flows through the ~~fire meter assembly~~ LCMA; and,

RATE INFORMATION

- ii. A grandfathered unmetered straight-pipe fire line or detector check meter is upgraded to have a ~~fire meter assembly~~ LCMA installed on the fire line for fire suppression only; and,
- iii. water only flows through the large side of the ~~fire meter assembly~~ LCMA during fire suppression events or Authority approved testing of the fire protection system; and,
- iv. a Fire Suppression Service Charge is billed to the account.

B. Capital Recovery Fees:

- 1. New service: A new ~~fire assembly meter~~ LCMA will be required to be installed and paid for by the customer when a building permit is issued for the construction of a new building requiring fire suppression. The Capital Recovery Fees for the new ~~fire meter assembly~~ LCMA will be determined as follows:
 - a. Large Water, Large Sewer: The Capital Recovery Fee for water and sewer will be based on the largest meter side of ~~meter of the assembly the~~ LMCA if the calculations provided to the Authority indicate that build-out of the development will cause water to routinely flow through the larger side of the meter.
 - b. Small Water, Small Sewer: The Capital Recovery Fee for water and sewer will be based on the smaller meter side of the ~~assembly~~ LCMA when the purpose of the larger side of the LCMA ~~fire meter assembly~~ is only to provide fire protection to the facility and regular usage will only flow through the small portion of the meter assembly. A Fire Suppression Service Charge, as explained in this policy, will be charged to the account in this situation. If the Capital Recovery Fee is paid based on the small meter side of the ~~meter~~ LCMA, and then it is found later that the larger meter side of the ~~meter~~ LCMA is being used for anything other than the documented testing of the fire protection system, then the difference between the Capital Recovery Fee charge for the small meter and the large meter may be charged to the customer.
- 2. Existing fire lines: A new ~~fire assembly meter~~ LCMA will be required to be installed and paid for by the customer when a building permit is issued for the expansion and/or renovation an existing building. The Capital Recovery Fees for the new ~~fire meter assembly~~ LCMA will be determined as follows:
 - a. Unmetered: When the existing building was previously served with an unmetered straight-pipe fire line, no Capital Recovery Fee will be charged for this new meter being installed.
 - b. Upgrade of Existing Connections:
 - i. Under-metered: When the existing building was previously served with a double check, detector check, or other type of under-metered fire line and the new ~~fire meter assembly~~ LCMA will serve both domestic usage and fire protection, the Capital Recovery Fee will be charged based on the difference between the current Capital Recovery Fee for the existing domestic meter size and the current Capital Recovery Fee for the small meter side of the new ~~fire assembly meter~~ LCMA size that is being installed.
 - ii. Increased Demand: When existing customers have increased ~~fire~~-flow demands that require an existing meter be removed and replaced with a larger meter, or expanded with an additional meter, the Capital Recovery Fee will be charged based on the difference between the current Capital Recovery Fee for the small side of the

RATE INFORMATION

existing fire flow meter and the current Capital Recovery Fee for the small side of the new fire assembly meter size that is being installed.

C. Sunset of Base Charges: The Authority has determined that it takes approximately twenty-five (25) years to collect the same amount of payments from the Base Charges based on the large meter side of the Large Compound Meter Assembly ("LCMA") as would have been collected up-front by charging the Capital Recovery Fee on the large meter side of the LCMA. When the Capital Recovery Fee is charged on the smaller side of the meter and base charge(s) for the LCMA is/are charged on the larger side of the meter setting assembly, the base charge may be reduced to being charged on the smaller side of the meter as follows:

1. Routine use of Large Side of LCMA: Customer accounts having routine usage on the large meter for at least two billing periods per year will not be eligible for this sunset provision.
2. Infrequent use of Large Side of LCMA: ~~If the Capital Recovery Fee charged for the LCMA was based on the small side of the meter, and the base charge for the LCMA has been charged on the large side of the meter for twenty five years,~~ The base charge may be modified to be based on the small side of the meter:
 - a. After three hundred (300) months of the Authority collecting the base charges based on the rate for the large meter side of the LCMA; and,
 - b. After the customer notifies the Authority that a reduction of the base charge is requested:
 - i. The Authority will not contact the customer to notify of the eligibility coming due on this sunset provision.
 - ii. The customer must provide the Authority with proof that the base charge has been paid at the larger meter size rate for the period stated above.
 - c. The change in the future base charges will be made only after the conditions above have been met. The change in the base charge will not be retroactive; the Base Charge change will only be made for future billing statements.

Section 6. OTHER CHARGES AND FEES

- A. Credit Card Convenience Fee: This fee will be charged to customers by the ~~third-party~~ third-party vendor for each transaction that is paid by debit or credit card, and checking.
- B. Fire Suppression Service Charge: This fee is charged to customers that have the capability to directly receive large volumes of water from the Authority for fire suppression capability. No more than one Fire Suppression Service Charge will apply to any given account. The Charge is assessed as follows:
 1. Metered:
 - a. If the Base Charge is billed for a meter 4-inches or larger in the fire meter assembly, then no Fire Suppression Service Charge will be billed.
 - b. If the Base Charge is billed on the smaller meter in a fire meter assembly, then a Fire Suppression Service Charge will be billed to the account.
 2. Unmetered: When fire suppression service is provided through an unmetered fire line connection, a Fire Suppression Service Charge will be billed. This may apply to grandfathered connections that are no longer approved for new construction, such as detector checks or direct connections. The fee will be assessed in this situation as follows:

RATE INFORMATION

- a. Single Customer: If the water connection providing the fire suppression service to the same space that is served by one or more domestic service water meter(s) that are all billed to the same customer, then the customer will be charged a single Fire Suppression Service Charge.
 - b. If the water connection providing the fire suppression capability provides service to multiple water customers, then the Fire Suppression Service Charge will be divided equally between each of the customers that benefit from the fire suppression service.
- ~~e.~~
- C. Application Fee: All new accounts are charged an Application Fee at the time the account is opened. The fee is charged for each service (water/sewer) provided.
 - D. Meter Fee:
 1. All new connections are charged a Meter Fee. This fee covers the costs of the water meter that is installed inside the meter box. All meters are to be provided by, or approved by, the Authority.
 - a. For meters 1-inch and less, the charge will be the current Meter Fee, according to the Rates policy.
 - b. For meters larger than 1-inch, the charge will be based on the actual cost of the meter at the time the account is opened.
 - E. Late Payment Charges: The Authority will assess a Late Payment Charge on all accounts when the payment is not received within 30 days of the billing date noted. Late Payment Charges are assessed and reflected on the next billing statement. If payment is not received 30 days after the original due date, water service will be discontinued.
 - F. Wastewater Pretreatment Permit Fee: This fee will be charged for the issuance of new wastewater pretreatment permits in accordance with the Authority's Fats, Oils, and Grease policy and program. The permit shall be valid for a period of 3 years. The permit fee also applies to the renewal of expiring permits.
 - G. Unauthorized Connection and Tampering Fee:
 1. This fee will be charged, at the discretion of the Authority, where an Unauthorized Connection has been made as follows:
 - a. A customer has turned on a water meter to restore water service after the service was disconnected by the Authority.
 - b. A customer, or any entity other than the Authority, has obtained access to water and/or sewer service prior to all applicable fees and/or charges being paid and without written authorization from the Authority.
 - c. A connection is in violation of the Cross Connections Regulations and/or policies.
 - d. A connection is in violation of the Pretreatment Regulations and/or policies.
 2. This fee will be charged, at the discretion of the Authority, where tampering has been found as follows:
 - a. The addition, removal, or modification of any water or sewer facilities owned by the Authority without prior written consent by the Authority.

RATE INFORMATION

- b. The modification of the grade in an easement owned or maintained by the Authority without prior written consent of the Authority.
 - c. The installation of prohibited items inside Authority easements such as structures, trees, or other prohibited items without prior written consent of the Authority.
 - 3. This fee will be charged in a tiered manner, with the fee increasing with each subsequent occurrence taking place in the Authority's service area. The occurrence is not based per parcel or location, but rather for the numbers of times that the occurrence happens system-wide. If there are no occurrences notified/assessed within a five year period, the fee will start at a first occurrence. This fee is charged as follows:
 - a. First Occurrence: The first time that the Authority provides notification/assesses the Unauthorized Connection and/or Tampering, within a five (5) year period of time, the first tier of this fee will be charged.
 - b. Second Occurrence: The second time that the Authority provides notification/assesses of the Unauthorized Connection and/or Tampering, the second tier will be charged.
 - c. Third and Subsequent Occurrence(s): For the third and subsequent occurrences that the Authority provides notification/assesses the Unauthorized Connection and/or Tampering, the third tier will be charged. After five (5) years of not having any of these fees assessed, the tier will drop back down to the first occurrence tier.
- H. Processing Fee: This fee is charged in the following cases:
- 1. If a customer has not paid the outstanding balance on an account by the disconnect date, nor have they contacted the Authority to make arrangements to have the balance paid, the water service will be disconnected and this fee will be applied to the account. Before service is restored, all account charges must be received by the Authority; this includes the outstanding balance due, all Late Payment Charges, and the Processing Fee. Authority personnel will not collect unpaid funds from customers at the service location.
 - 2. If a meter is removed due to an account being inactive. Accounts may be determined inactive if any of the following conditions apply:
 - a. No usage on the meter for more than 12 consecutive months.
 - b. The structure being served by the meter having been demolished and/or removed.
 - c. The premise served by the meter having been condemned or determined inhabitable.
- I. Repeat Service Fee: A Repeat Service Fee is assessed when the Authority's staff must make additional trips to install a new meter and turn on the water service because the connections to the Authority meter base have not been made or have been improperly installed or for multiple trips to a customer's premise to re-read a water meter per the customer's request.
- J. Meter Test Fee: When a customer requests the Authority to test a meter and the meter accuracy is within $\pm 5\%$ accuracy, a Meter Test Fee will be charged.
- K. Insufficient Payment Fee: There will be a charge assessed for each check returned, credit card that is charged back, or other returned payment by the financial institution. If the financial institution should charge the Authority more than this Insufficient Payment Fee, according to the Rates policy, then the amount assessed will be the actual charge to the Authority by the financial institution.

RATE INFORMATION

- L. Small Grinder Pump Maintenance Fee: In accordance with the Small Grinder Pump Agreement, customers that use a small grinder pump to connect to the Authority's sewer system have the option of contracting with the Authority to maintain their pumps. All users that accept the agreement will be responsible for paying this fee.
- M. Project Fee: As defined in the Authority's Neighborhood Line Extension policy, there will be a charge per lot assessed for each lot if the requisite terms and conditions of the policy are met for a water line or low pressure sewer system extension. The fees are tiered, based on the length of property that fronts the water or low pressure sewer line. If the frontage is 100 feet or less the fees is a tier 1 fee, if the frontage is more than 100 feet but less than 200 feet the project fee would be a tier 2 fee, and if the frontage is 200 feet or more the fee would be a tier 3 fee. The length of the frontage will be determined by the recorded plat or deed for the property in question. If more than one side of the property adjoins the proposed pipeline, the greater of the sides will be used to determine the frontage. The fee for a gravity sewer line extension shall be determined at the time of neighborhood interest.

Section 7. ENGINEERING SERVICE CHARGES

- A. Base Project Review Fee: This fee is charged for the initial submittal of any design plans or site plans requiring the Authority's review and approval, and for site plans involving multifamily development or the development of three or more parcels within the Authority's service area.
- B. Plan Review Fee - Water: This fee is charged for reviewing proposed water design plans. The fee is charged per foot, based on the horizontal length shown on the design plans, for waterlines 3-inches in diameter and greater. This fee is to cover the administrative expenses related to development projects.
- C. Plan Review Fee - Sewer: This fee is charged for reviewing proposed sewer design plans. The fee is charged per foot, based on the horizontal length shown on the design plans; service laterals are excluded. This fee is to cover the administrative expenses related to development projects.
- D. Extended Plan Review: If more than two (2) submittal reviews are necessary for a project, this fee is assessed on the third (3rd) submittal and for each subsequent submittal thereafter. This applies to preliminary plans, master plans, site plans, plats, design plans, shop drawing submittals, as-built drawings, or any other item submitted for Authority approval. This fee is to cover the administrative expenses related to development projects, above and beyond the regular plan review fee(s).
- E. Inspection Fee - Water: This fee is charged for inspecting the construction of the water related facilities of a project. The fee is charged per foot, based on the horizontal length shown on the design plans, for waterline 3-inches in diameter and greater.
- F. Inspection Fee - Sewer: This fee is charged for inspecting the construction of the sewer (gravity and pressure) related facilities of a project. The fee is charged per foot, based on the horizontal length shown on the design plans.

RATE INFORMATION

- G. After Hours and Weekend Inspections: This fee is charged if project inspection is needed after the Authority's normal business working hours or on weekends. Agreement by the Authority is required prior to scheduling or approving any after-hours inspection work.
- H. Small Grinder Pump Station Review and Inspection: This fee is charged for the review of submittals for small grinder pumps and appurtenances, the inspection of the installation of the pump station and appurtenances, and/or the startup of the pump station when the user executes the agreement in accordance with the Authority's Small Grinder Pump Agreement policy.
- I. Small Grinder Pump Station Reinstatement Fee: This fee is charged for the inspection of existing small grinder pump stations to verify applicability for Small Grinder Pump Maintenance per the Authority's Small Grinder Pump Agreement policy.
- H.J. Large Pump Station Review and Inspection: This fee is charged for the review of design plans submitted for pump stations that must meet the requirements shown in the Wastewater Lift Station Requirements policy.
- I.K. Fire Flow Vault Review and Inspections: This fee is charged for reviewing proposed construction plans for a Fire Flow Meter Vault and for the inspection related to the installation. This fee is to cover the administrative expenses related to development projects. This charge may be waived for Fire Flow Meter Vaults that are installed on unmetered fire service water lines.
- J.L. Fire Flow Test: When a Fire Flow Test is requested to obtain fire flow availability for a specific area or from a specific hydrant, this fee is charged. This fee includes all labor, part, materials, and the cost of the water used to perform the test.

Section 8. REVISIONS

- A. This policy was originally approved and adopted by the Authority's Board of Directors on March 26, 2013, effective July 1, 2013.
- B. ~~The most recent~~ Changes to the policy were made ~~are~~ as follows:
1. Approved June 19, 2018, effective July 1, 2018:
 - a. Changes were made throughout the policy to reflect the change from Facility Fee to Capital Recovery Fee; from Commodity Charge to Volume Charge; from Connection Fee to Tap Fee.
 - b. Section 4.C. was modified to include long road crossing services as fixed cost Tap Fees.
 - c. Section 5. was modified for clarity, for changes to the fire suppression charges, and to reflect the monthly billing change.
 2. Approved September 18, 2018, effective September 19, 2018:
 - a. Changes were made to Section 3.B.3 to clarify how the Base Charges are calculated for fire flow meter assemblies.
 3. Approved May 18, 2021, effective June 1, 2021:
 - a. Section 4.C.2 was added to include tap fees for relocating a meter service.
 - b. Section 3.A.4 was added for bulk filling.

RATE INFORMATION

4. Approved October 18, 2022, effective October 19, 2022:
 - a. Information related to Fire Meter Assemblies was clarified and moved to create a new Section 5.
5. Approved May 16, 2023, effective June 1, 2023:
 - a. Fire Meter Assemblies renamed as Large Compound Meter Assemblies throughout.
 - b. Section 4.C.1 was revised to include cleanouts on existing lines.
 - c. Section 5.C was added to provide a sunset of base charges on large compound meter assemblies.
 - d. Section 6.G.3 was added for tiered fee structure of Unauthorized Connection and Tampering Fees.
 - ~~a-e.~~ Section 7 was modified to include Small Grinder Pump Reinstatement Fee.



RESOLUTION

2023-05.02

Rate Information Policy 2.01

At a regular meeting of the Bedford Regional Water Authority ("Authority") Board of Directors, held in the Board Meeting Room at the Authority's Administrative Annex Building on the 16th day of May 2023, beginning at 7:00 p.m.:

WHEREAS, the Bedford Regional Water Authority (the "Authority") is a public service authority formed and existing in accordance with the provisions of Chapter 51 of Title 15.2 of the Code of Virginia, 1950, as amended, the Virginia Water and Waste Authorities Act §§ 15.2-5100-15.2-5159 (the "Act"); and,

WHEREAS, the Authority desires to have a comprehensive set of policies governing the manner in which the Authority conducts its regular business, and the Authority directs that these policies be grouped together into an operating policy manual; and,

WHEREAS, with the approval of the Rates with Resolution 2023-05.01, changes were required to the Rate Information Policy 2.01; now,

THEREFORE, BE IT RESOLVED by the Board of Directors of the Bedford Regional Water Authority that the changes to the above noted policy be hereby adopted by the Authority.

This resolution shall take effect immediately.

Member _____ made a motion to approve this Resolution.

Member _____ made a Second to approve.

Board Member Votes: ____ Aye ____ Nay ____ Abstain

CERTIFICATION

The undersigned secretary of the Bedford Regional Water Authority does hereby certify that the foregoing is a true, complete, and correct Resolution adopted by a vote of a majority of the Directors of the Bedford Regional Water Authority, present at a regular meeting of the Board of Directors of the Bedford Regional Water Authority duly called and held May 16, 2023 at which a quorum was present and acting throughout, and that the same has not been amended or rescinded and is in full force and effect as of the date of the above mentioned meeting.

(SEAL)

Brian M. Key, Secretary,
Bedford Regional Water Authority



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RESOLUTION MEMORANDUM

To: BRWA Board of Directors
From: Jill Underwood, Director of Finance
Date: May 9, 2023
Re: Resolution 2023-05.03: Approval of Operating Budget for FY 2023-2024

Enclosed, for your consideration, is the above referenced resolution.

The Finance Committee reviewed the operating budget at their meetings on March 8, 2023 and April 5, 2023. The draft budget was presented to the Board at the April 18, 2023 regular Board meeting.

The proposed budget for FY 2023-2024 is included in the packet, following this memorandum and before the associated resolution.

Bedford Regional Water Authority
Fiscal Year 2023-2024 Budget Summary

| | Current Fiscal Year 2022-2023 | | | 2023-2024 |
|--|-------------------------------|----------------|------------------------|---------------------|
| Description | FY 22-23 Budget | Recent Balance | Projected to June 2023 | Proposed Budget |
| a. Operating Revenues | \$ 15,401,698 | \$ 7,028,931 | \$ 14,057,863 | \$ 16,897,910 |
| b. Projected Capital Recovery Fee Revenue | \$ 1,200,000 | \$ 940,000 | \$ 1,880,000 | \$ 1,200,000 |
| c. Other Revenues & Support for Operations | \$ 2,767,416 | \$ 2,103,772 | \$ 2,045,484 | \$ 1,275,852 |
| d. Total Revenues for Operations & Debt | \$ 19,369,114 | \$ 10,072,704 | \$ 17,983,347 | \$ 19,373,762 |
| e. Operating Expenditures | \$ 12,283,966 | \$ 5,014,075 | \$ 9,425,753 | \$ 13,372,671 |
| f. Debt Service & Fees | \$ 4,672,476 | \$ 715,634 | \$ 4,672,476 | \$ 3,664,393 |
| g. Total Expenditures & Debt Service | \$ 16,956,442 | \$ 5,729,709 | \$ 14,098,229 | \$ 17,037,064 |
| h. Operating Revenue for Coverage (d. - g.) | | | | \$ 2,336,698 |

| Comparisons | |
|---|--|
| Difference 22-23 budget 23-24 projected | Difference 22-23 budget 23-24 proposed |
| \$ (1,343,835) | \$ 1,496,212 |
| \$ 680,000 | \$ - |
| \$ (721,932) | \$ (1,491,564) |
| \$ (1,385,767) | \$ 4,648 |
| \$ (2,858,213) | \$ 1,088,705 |
| \$ - | \$ (1,008,083) |
| \$ (2,858,213) | \$ 80,622 |

| Capital Projects and Reserve Setasides | | Per Month | Annual |
|---|-----------|--------------|---------------------|
| i. Vehicle and Equipment Replacements | \$ | 27,500 | \$ 330,000 |
| j. Computer and SCADA Equipment Replacements | \$ | 2,500.00 | \$ 30,000 |
| k. Meter Replacement (should be 10 year plan, per meter replacement policy) | \$ | 25,000.00 | \$ 300,000 |
| l. Waterline Replacement (needed for older leaking systems) | \$ | 25,000 | \$ 300,000 |
| m. Water Facility Set asides Plants and Pump Stations | \$ | 4,167 | \$ 50,000 |
| n. Sewerline Replacement (required by consent order, needed in Center District) | \$ | 20,833 | \$ 250,000 |
| o. Sewer Facility Set asides Plants and Pump Stations | \$ | 4,167 | \$ 50,000 |
| p. Tank Rehabilitation | \$ | 6,667 | \$ 80,000 |
| q. SML Facility Depreciation Reserve | \$ | 17,500 | \$ 210,000 |
| r. Cell Tower Funds for Economic Development | \$ | - | \$ - |
| s. Total Replacement Reserved Capital | \$ | | \$ 1,600,000 |

| Comparisons | |
|--------------------|---------------------|
| Prior FY 2022-2023 | Future FY 2024-2025 |
| \$ 324,000 | \$ 360,000 |
| \$ 72,000 | \$ 80,000 |
| \$ 240,000 | \$ 375,000 |
| \$ 300,000 | \$ 300,000 |
| \$ - | \$ 100,000 |
| \$ 276,000 | \$ 300,000 |
| \$ - | \$ 100,000 |
| \$ 84,000 | \$ 100,000 |
| \$ 204,000 | \$ 250,000 |
| \$ - | |
| \$ 1,500,000 | \$ 1,965,000 |

t. **Operating Coverage minus Replacement Capital (h.-r.)** **\$ 736,698**

Operating Revenue

| | | Current Fiscal Year 2022-2023 | | | | Fiscal Year 2023-2024 | | | |
|--------------------------|---|-------------------------------|-----------------------------|------------------------------------|---------------------------|--------------------------------|--|---|---|
| Account # | Description | Existing Budget | Balance as of 12/31/2022 | Percent Collected (Goal 58%) | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 3000-3000 | Water Sales - Direct | \$ 9,793,780 | \$ 3,603,241 | 37% | \$ 7,206,483 | \$ 10,820,793 | 10% | \$ 1,027,013 | 50% |
| 3000-3050 | Water Sales - Contract | \$ 130,000 | \$ 84,482 | 65% | \$ 168,964 | \$ 134,784 | 4% | \$ 4,784 | -20% |
| 3000-3100 | Paradise Point Water | \$ 13,536 | \$ 8,000 | 59% | \$ 16,000 | \$ 13,800 | 2% | \$ 264 | -14% |
| 3100-3000 | Sewer Sales - Direct | \$ 4,715,854 | \$ 2,897,961 | 61% | \$ 5,795,922 | \$ 5,129,068 | 9% | \$ 413,214 | -12% |
| 3100-3025 | Mariners Landing Sewer Revenue | \$ - | \$ 1,908 | #DIV/0! | \$ 3,815 | \$ 22,600 | #DIV/0! | \$ 22,600 | 492% |
| 3100-3050 | Cedar Rock Sewer Revenue | \$ 33,100 | \$ 17,853 | 54% | \$ 35,707 | \$ 33,760 | 2% | \$ 660 | -5% |
| 3902-3211 | Water Penalty Revenue | \$ 45,000 | \$ 23,841 | 53% | \$ 47,682 | \$ 45,000 | 0% | \$ - | -6% |
| 3902-3213 | Sewer Penalty Revenue | \$ 25,000 | \$ 13,799 | 55% | \$ 27,598 | \$ 25,000 | 0% | \$ - | -9% |
| 3903-3231 | Water Account Charges | \$ 40,000 | \$ 17,950 | 45% | \$ 35,900 | \$ 40,000 | 0% | \$ - | 11% |
| 3903-3233 | Sewer Account Charges | \$ 20,000 | \$ 550 | 3% | \$ 1,100 | \$ 20,000 | 0% | \$ - | 1718% |
| 3903-3240 | Engineering Review Fees | \$ 50,000 | \$ 21,420 | 43% | \$ 42,840 | \$ 50,000 | 0% | \$ - | 17% |
| 3903-3242 | Engineering Fire Flow Testing | \$ 1,500 | \$ 375 | 25% | \$ 750 | \$ 1,500 | 0% | \$ - | 100% |
| 3903-3243 | SGP review & inspections | \$ 4,000 | \$ 30,930 | 773% | \$ 61,860 | \$ 4,000 | 0% | \$ - | -94% |
| 3900-3250 | Bank Interest Earned | \$ - | \$ 15,673 | #DIV/0! | \$ 31,347 | \$ 30,000 | #DIV/0! | \$ 30,000 | -4% |
| 3900-3251 | VRA Interest Earned | \$ 2,000 | \$ - | 0% | \$ - | \$ - | -100% | \$ (2,000) | #DIV/0! |
| 3903-3245 | Sewer Clean-out Installation Fee | \$ 7,000 | \$ 15,400 | 220% | \$ 30,800 | \$ 7,000 | 0% | \$ - | -77% |
| 3903-3250 | New Meter Fee Revenue | \$ 35,000 | \$ 25,225 | 72% | \$ 50,450 | \$ 35,000 | 0% | \$ - | -31% |
| 3903-3255 | Industrial Pretreatment Revenue | \$ 18,000 | \$ 8,625 | 48% | \$ 17,250 | \$ 18,000 | 0% | \$ - | 4% |
| 3903-3260 | Meter Setting Fee Revenue | \$ 60,000 | \$ 71,300 | 119% | \$ 142,600 | \$ 60,000 | 0% | \$ - | -58% |
| 3903-3261 | Service Repair and Equipment Rentals | \$ 5,000 | \$ 4,351 | 87% | \$ 8,702 | \$ 5,000 | 0% | \$ - | -43% |
| 3903-3262 | Cellular Antenna Site Rental | \$ 71,124 | \$ 34,113 | 48% | \$ 68,226 | \$ 73,998 | 4% | \$ 2,874 | 8% |
| 3903-3264 | Sewer Pump Maintenance Revenue | \$ 63,000 | \$ 6,335 | 10% | \$ 12,670 | \$ 63,000 | 0% | \$ - | 397% |
| 3903-3270 | Miscellaneous Revenue | \$ 5,000 | \$ 9,067 | 181% | \$ 18,134 | \$ 8,000 | 60% | \$ 3,000 | -56% |
| 3903-3275 | Revenue from Communication Towers (no rev. sh | \$ 10,404 | \$ 4,370 | 42% | \$ 8,739 | \$ 10,608 | 2% | \$ 204 | 21% |
| 3901-3211 | Reconnect Fee Revenue | \$ 25,000 | \$ - | 0% | \$ - | \$ 25,000 | 0% | \$ - | #DIV/0! |
| 3901-3213 | Unauthorized Service Revenue | \$ 1,000 | \$ 3,000 | 300% | \$ 6,000 | \$ 1,000 | 0% | \$ - | |
| 3901-3212 | Return Check Revenue | \$ 2,000 | \$ 420 | 21% | \$ 840 | \$ 2,000 | 0% | \$ - | 138% |
| 3201-3275 | School WWTP reimbursements | \$ 51,000 | \$ 9,063 | 18% | \$ 18,125 | \$ 51,000 | 0% | \$ - | 181% |
| 3202-3276 | Mariners Landing Contract Operations | \$ - | \$ - | #DIV/0! | \$ - | \$ - | #DIV/0! | \$ - | |
| 3904-3318 | Franklin County Contract Operations | \$ 168,000 | \$ 91,565 | 55% | \$ 183,130 | \$ 168,000 | 0% | \$ - | -8% |
| Operating Revenue | | \$ 15,395,298 | \$ 7,020,817 | | \$ 14,041,635 | \$ 16,897,910 | 9.8% | \$ 1,502,612 | 20% |

Operating Revenue

| | | Current Fiscal Year 2022-2023 | | | | Fiscal Year 2023-2024 | | | |
|--|--|-------------------------------|-----------------------------|------------------------------------|---------------------------|--------------------------------|--|---|---|
| Account # | Description | Existing Budget | Balance as of 12/31/2022 | Percent Collected (Goal 58%) | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 3000-3200 | Water Capital Recovery Fees | \$ 800,000 | \$ 639,300 | 80% | \$ 1,278,600 | \$ 800,000 | 0% | \$ - | -37% |
| 3100-3220 | Sewer Capital Recovery Fees | \$ 400,000 | \$ 300,700 | 75% | \$ 601,400 | \$ 400,000 | 0% | \$ - | -33% |
| 3900-3240 | Engineering Plan Sales | \$ - | | #DIV/0! | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 3903-3265 | Cellular Antenna Site Rental- County portion | \$ 47,416 | \$ 22,742 | 48% | \$ 45,484 | \$ 49,332 | 4% | \$ 1,916 | 8% |
| 3903-3280 | Sales & Disposals | \$ - | \$ 5,100 | #DIV/0! | | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 3903-3281 | Gain/Loss on Fixed Assets | | | #DIV/0! | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 3903-3285 | Bedford Co Broadband Revenue | \$ 6,000 | \$ 3,050 | 51% | \$ 6,100 | \$ 6,120 | 2% | | 0% |
| 3903-3330 | SML WTF Revenue (monthly bank interest) | \$ 400 | \$ 5,064 | 1266% | \$ 10,128 | \$ 400 | 0% | | -96% |
| 3903-3290 | Insurance proceeds (from prior FY) | \$ - | \$ 25,061 | | \$ - | | #DIV/0! | | #DIV/0! |
| 3904-3305 | Bedford Co Support- Forest Sewer | \$ 500,000 | | 0% | \$ - | \$ - | -100% | | #DIV/0! |
| 3904-3310 | BOS Capital Contributions | \$ 2,000,000 | \$ 1,849,625 | 92% | \$ 2,000,000 | \$ 1,000,000 | -50% | \$ (1,000,000) | -50% |
| 3904-3311 | Schools Utility Locating Revenue | | | #DIV/0! | \$ - | | #DIV/0! | | #DIV/0! |
| 3904-3312 | Donated Assets | \$ - | | #DIV/0! | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 3904-3315 | Developer Line Contributions | \$ 200,000 | \$ - | 0% | \$ - | \$ 200,000 | 0% | \$ - | #DIV/0! |
| 3904-3316 | Contributions from WWA (SML WTP) | \$ - | | #DIV/0! | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 3904-3325 | Contributions from Town of Bedford | \$ - | | #DIV/0! | \$ - | | #DIV/0! | \$ - | #DIV/0! |
| 3904-3317 | Developer Capital Recovery Fee Redemptions | \$ 20,000 | | 0% | \$ - | \$ 20,000 | 0% | \$ - | #DIV/0! |
| 3904-3335 | DEQ Contributions for Projects | | | #DIV/0! | \$ - | | #DIV/0! | | #DIV/0! |
| 3904-3340 | Bedford County Projects (Moneta Park) | \$ - | \$ 201,244 | | \$ - | | #DIV/0! | | #DIV/0! |
| 3904-3320 | Customer Line Contributions | | | #DIV/0! | \$ - | | #DIV/0! | \$ - | #DIV/0! |
| Other Revenue and Contributions | | \$ 3,973,816 | \$ 3,051,886 | | \$ 3,941,712 | \$ 2,475,852 | -37.7% | \$ (1,497,964) | 0% |
| | | | | | | | | \$ - | |
| Total Revenue | | \$ 19,369,114 | \$ 10,072,704 | | \$ 17,983,347 | \$ 19,373,762 | 0.0% | \$ 4,648 | 0% |

FY 2023-24 Budget: Operating Expenses

| | | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-------------------------|------------------------------|-------------------------------|-----------------------------|---------------------------|--------------------------------|--|---|---|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| Account # | Description | | | | | | | |
| Salaries | | | | | | | | |
| 4000-0010 | Salaries | \$ 4,690,961 | \$ 2,086,687 | \$ 4,173,373 | \$ 5,324,676 | 13.5% | \$ 633,715 | 28% |
| 4000-0019 | On call Stipend | \$ 50,000 | \$ 13,243 | \$ 26,486 | \$ 45,800 | -8% | \$ (4,200) | 73% |
| 4000-0020 | Overtime | \$ 337,226 | \$ 106,707 | \$ 213,415 | \$ 382,517 | 13% | \$ 45,291 | 79% |
| 4006-0010 | Contracted & Intern Salaries | | \$ - | \$ 8,000 | | | \$ - | -100% |
| 4000-4006 | Salaries Total | \$ 5,078,188 | \$ 2,206,637 | \$ 4,421,274 | \$ 5,752,994 | 13.3% | \$ 674,806 | 30.1% |
| General Office Expenses | | | | | | | | |
| 4010-0075 | Board & Committee Meetings | \$ 1,000 | \$ 733 | \$ 1,265 | \$ 1,000 | 0% | \$ - | -21% |
| 4010-0085 | Long Range Planning | \$ 15,000 | \$ - | \$ - | \$ 45,000 | | \$ 30,000 | #DIV/0! |
| 4010-0100 | Supplies | \$ 8,000 | \$ 2,868 | \$ 4,944 | \$ 8,000 | 0% | \$ - | 62% |
| 4010-0103 | Public Outreach Expenses | \$ 15,875 | \$ 2,183 | \$ 3,763 | \$ 15,000 | -6% | \$ (875) | 299% |
| 4010-0110 | Building Maintenance Expense | \$ 24,000 | \$ 22,976 | \$ 39,614 | \$ 29,400 | 23% | \$ 5,400 | -26% |
| 4010-0130 | Postage & Shipping Expense | \$ 8,000 | \$ 3,603 | \$ 6,211 | \$ 8,000 | 0% | \$ - | 29% |
| 4010-0140 | Commercial Phone Charges | \$ 12,120 | \$ 5,535 | \$ 9,543 | \$ 12,120 | 0% | \$ - | 27% |
| 4010-0142 | Cellular Phone Service | \$ 20,480 | \$ 8,404 | \$ 14,490 | \$ 20,480 | 0% | \$ - | 41% |
| 4010-0150 | Building Power & Utilities | \$ 16,767 | \$ 8,313 | \$ 14,332 | \$ 18,000 | 7% | \$ 1,233 | 26% |
| 4010-0155 | Building Fuel Costs | \$ 8,000 | \$ 1,641 | \$ 2,830 | \$ 6,000 | -25% | \$ (2,000) | 112% |
| 4010-0160 | Employee Bond | \$ 562 | \$ - | \$ - | \$ 618 | 10% | \$ 56 | #DIV/0! |
| 4010-0161 | Building Insurance | \$ 2,500 | \$ - | \$ - | \$ 2,750 | 10% | \$ 250 | #DIV/0! |
| 4010-0170 | Advertising | \$ 18,000 | \$ 7,903 | \$ 13,626 | \$ 18,000 | 0% | \$ - | 32% |
| 4010-0175 | Bank Service Charges | \$ 16,800 | \$ 6,874 | \$ 11,852 | \$ 16,800 | 0% | \$ - | 42% |
| 4010-0200 | Accounting Services | \$ 45,000 | \$ 36,360 | \$ 29,270 | \$ 50,000 | 11% | \$ 5,000 | 71% |
| 4010-0220 | Legal Expenses | \$ 18,000 | \$ 14,827 | \$ 18,000 | \$ 18,000 | 0% | \$ - | 0% |
| 4010-0400 | Board of Directors Fees | \$ 21,000 | \$ 10,500 | \$ 21,000 | \$ 28,500 | 36% | \$ 7,500 | 36% |
| 4010-0401 | Board of Directors Mileage | \$ 3,360 | \$ 118 | \$ 316 | \$ 420 | -88% | \$ (2,940) | 33% |
| 4010 | General Office | \$ 254,464 | \$ 132,837 | \$ 191,055 | \$ 298,088 | 17% | \$ 43,624 | 56% |

FY 2023-24 Budget: Operating Expenses

| | | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|--------------------------------------|--------------------------------------|-------------------------------|-----------------------------|---------------------------|--------------------------------|--|---|---|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| Account # | Description | | | | | | | |
| Employee Benefits & Related Expenses | | | | | | | | |
| 4100-0030 | Payroll Taxes | \$ 384,656 | \$ 175,114 | \$ 301,921 | \$ 436,600 | 14% | \$ 51,944 | 45% |
| 4100-0040 | VRS Retirement & Life | \$ 470,086 | \$ 187,597 | \$ 323,443 | \$ 528,276 | 12% | \$ 58,190 | 63% |
| 4100-0041 | VRS Hybrid Disability | \$ 12,668 | \$ 3,811 | \$ 6,571 | \$ 14,691 | 16% | \$ 2,023 | 124% |
| 4100-0045 | Unemployment Payments | \$ 6,000 | | \$ - | \$ 6,000 | 0% | \$ - | |
| | | | | | | | | |
| 4100-0050 | Health Insurance | \$ 868,514 | \$ 429,906 | \$ 741,218 | \$ 981,740 | 13% | \$ 113,226 | 32% |
| 4100-0055 | Flexible Benefits Account | \$ 2,500 | \$ 1,402 | \$ 2,417 | \$ 2,500 | 0% | \$ - | 3% |
| 4100-0060 | Workers Compensation Ins. | \$ 66,018 | \$ 1,941 | \$ 3,347 | \$ 71,663 | 9% | \$ 5,645 | 2041% |
| 4100-0065 | Employee Testing & Background Checks | \$ 5,556 | \$ 2,247 | \$ 3,874 | \$ 6,556 | 18% | \$ 1,000 | 69% |
| 4100-0070 | Mileage Reimbursements | \$ 1,170 | \$ - | \$ - | \$ 665 | -43% | \$ (505) | 0% |
| 4100-0075 | Meetings | \$ 6,165 | \$ 1,574 | \$ 2,714 | \$ 7,590 | 23% | \$ 1,425 | 180% |
| 4100-0080 | Professional Dues | \$ 20,137 | \$ 2,093 | \$ 3,608 | \$ 26,365 | 31% | \$ 6,228 | 631% |
| 4100-0085 | Training & Education | \$ 144,845 | \$ 36,554 | \$ 63,024 | \$ 181,560 | 25% | \$ 36,715 | 188% |
| 4100-0086 | Continuing education | \$ 13,501 | \$ 3,939 | \$ 6,791 | \$ 18,000 | 33% | \$ 4,499 | 165% |
| 4100-0090 | Whistle Blower Hotline | \$ 500 | | | \$ 500 | 0% | \$ - | #DIV/0! |
| 4100-0095 | Employee Referral Program | | \$ - | | \$ 500 | #DIV/0! | \$ 500 | #DIV/0! |
| 4100-0101 | Clothing & Uniforms | \$ 46,981 | \$ 7,386 | | \$ 56,203 | 20% | \$ 9,222 | #DIV/0! |
| 4100-0102 | Employee & Incentive Fund | \$ 32,500 | \$ 8,470 | \$ 14,603 | \$ 33,000 | 2% | \$ 500 | 126% |
| 4100-0103 | Safety | \$ 73,595 | \$ 18,799 | \$ 32,412 | \$ 85,822 | 17% | \$ 12,227 | 165% |
| 4100 | Employee Benefits | \$ 2,155,392 | \$ 880,831 | \$ 1,505,941 | \$ 2,458,231 | 14% | \$ 302,839 | 63% |
| Billing Costs | | | | | | | | |
| 4110-0091 | Bad Debt Water | \$ 20,000 | \$ - | \$ - | \$ 20,000 | 0% | \$ - | |
| 4110-0093 | Bad Debt Sewer | \$ 15,000 | \$ - | \$ - | \$ 15,000 | 0% | \$ - | |
| 4110-0094 | Bad Debt Penalty & Misc Charges | \$ 5,000 | \$ - | \$ - | \$ 5,000 | 0% | \$ - | |
| 4110-0097 | Collection Agency Expense | \$ 3,000 | \$ 74 | \$ 128 | \$ 3,000 | 0% | \$ - | |
| 4110-0110 | Bill Processing Services | \$ 100,099 | \$ 50,439 | \$ 86,964 | \$ 105,104 | 5% | \$ 5,005 | 21% |
| 4110-0112 | Customer Notification Expenses | \$ 5,000 | \$ 114 | \$ 196 | \$ 5,000 | 0% | \$ - | |
| 4110-0115 | Large Meter Testing and Rebuilds | | | \$ - | \$ - | #DIV/0! | \$ - | |
| 4110-0120 | Software Maintenance | \$ 58,050 | \$ 36,498 | \$ 62,928 | \$ 58,800 | 1% | \$ 750 | -7% |
| 4110-0125 | Credit Card Processing Fees | \$ 26,250 | \$ 16,435 | \$ 28,337 | \$ 31,500 | 20% | \$ 5,250 | |
| 4110-0175 | Courier and Shredding Service | \$ 5,550 | \$ 2,452 | \$ 4,228 | \$ 6,420 | 16% | \$ 870 | |
| 4110 | Billing Costs | \$ 237,949 | \$ 106,013 | \$ 182,781 | \$ 249,824 | #DIV/0! | \$ 11,875 | \$ 0 |

FY 2023-24 Budget: Operating Expenses

| | | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|----------------------------|---|-------------------------------|--------------------------|------------------------|--------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| Account # | Description | | | | | | | |
| Network Costs | | | | | | | | |
| 4120-0100 | Information Systems Supplies | \$ 8,500 | \$ 1,962 | \$ 3,383 | \$ 9,000 | 6% | \$ 500 | 166% |
| 4120-0110 | Network Contracted Services | \$ 30,160 | \$ 15,605 | \$ 26,905 | \$ 30,160 | 0% | \$ - | 12% |
| 4120-0115 | Continuing Software Support | \$ 140,894 | \$ 52,991 | \$ 91,363 | \$ 176,389 | 25% | \$ 35,495 | 93% |
| 4120-0145 | Internet & WAN Communications | \$ 12,850 | \$ 3,135 | \$ 5,406 | \$ 11,350 | -12% | \$ (1,500) | 110% |
| 4120 | Network Costs | \$ 192,404 | \$ 73,693 | \$ 127,057 | \$ 226,899 | 18% | \$ 34,495 | 79% |
| Team Supplies and Vehicles | | | | | | | | |
| 4130-0100 | Administration Supplies | \$ 1,748 | \$ 600 | \$ 1,035 | \$ 6,560 | 275% | \$ 4,812 | 534% |
| 4140-0100 | Customer Service Supplies | \$ 5,301 | \$ 841 | \$ 1,450 | \$ 3,908 | -26% | \$ (1,393) | 169% |
| 4210-0100 | Engineering Supplies | \$ 23,491 | \$ 16,327 | \$ 28,150 | \$ 30,426 | 30% | \$ 6,935 | 8% |
| 4210-0110 | Engineering Reviews-Contracted | \$ 104,500 | \$ 20,388 | \$ 35,152 | \$ 104,500 | 0% | \$ - | 197% |
| 4210-0141 | Locating Notification Tickets | \$ 10,270 | \$ 4,177 | \$ 7,201 | \$ 11,390 | 11% | \$ 1,120 | 58% |
| 4210-0240 | Construction Testing | \$ 5,360 | \$ 1,354 | \$ 2,334 | \$ 5,160 | -4% | \$ (200) | 121% |
| 4210 | Office | \$ 150,670 | \$ 43,687 | \$ 75,322 | \$ 161,944 | 7% | \$ 11,274 | 115% |
| 4220-0100 | Wastewater Operations Supplies | \$ 1,600 | \$ 938 | \$ 1,617 | \$ 2,000 | 25% | \$ 400 | 24% |
| 4223-0100 | Water Operations Supplies | \$ - | | \$ - | \$ 2,500 | #DIV/0! | \$ 2,500 | |
| 4221-0100 | FROG Program Supplies | \$ 6,350 | \$ - | \$ - | \$ 13,725 | 116% | \$ 7,375 | #DIV/0! |
| 4222-0100 | Pretreatment Supplies/Expenses | \$ 19,600 | \$ 6,170 | \$ 10,638 | \$ 24,795 | 27% | \$ 5,195 | 133% |
| 4222-0200 | Backflow Supplies | \$ 10,000 | | | \$ 12,500 | 25% | \$ 2,500 | |
| 4225-0100 | Lab Supplies | \$ 22,000 | \$ 7,946 | \$ 13,699 | \$ 22,000 | | \$ - | 61% |
| 4220-4225 | Operations | \$ 59,550 | \$ 15,054 | \$ 25,954 | \$ 77,520 | 0% | \$ 17,970 | 61% |
| 4230-0100 | Maintenance Supplies | \$ 69,228 | \$ 26,147 | \$ 45,080 | \$ 53,226 | -23% | \$ (16,002) | 18% |
| 4230-0110 | Preventative Maintenance | | | \$ - | | | | |
| 4240-0100 | Vehicle & Equipment Supplies | \$ 43,350 | \$ 15,572 | \$ 26,848 | \$ 43,350 | 0% | \$ - | 61% |
| 4240-0110 | Vehicle & Equipment Contracted Services | \$ 85,000 | \$ 58,241 | \$ 100,415 | \$ 111,095 | 31% | \$ 26,095 | 11% |
| 4240-0155 | Vehicle & Equipment Fuel | \$ 105,000 | \$ 63,013 | \$ 108,644 | \$ 133,536 | 27% | \$ 28,536 | 23% |
| 4240-0162 | Vehicle & Equipment Insurance | \$ 34,377 | \$ - | \$ - | \$ 37,815 | 10% | \$ 3,438 | #DIV/0! |
| 4240 | Vehicle & Equipment Costs | \$ 336,955 | \$ 162,972 | \$ 280,986 | \$ 379,022 | 12% | \$ 42,067 | 35% |
| System Expenses | | | | | | | | |
| 4250-0100 | Forest Water Supplies | \$ 35,000 | \$ 6,023 | \$ 10,385 | \$ 45,200 | 29% | \$ 10,200 | 335% |

FY 2023-24 Budget: Operating Expenses

| | | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-------------|-------------------------------------|-------------------------------|-----------------------------|---------------------------|--------------------------------|--|---|---|
| Account # | Description | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 4250-0101 | Forest Water Meter Installations | \$ 56,000 | | \$ - | \$ 56,000 | 0% | \$ - | #DIV/0! |
| 4250-0105 | Forest Water Chemicals | \$ 500 | | \$ - | \$ 500 | 0% | \$ - | #DIV/0! |
| 4250-0110 | Forest Water Contracted Services | \$ 30,000 | \$ 13,674 | \$ 23,576 | \$ 23,400 | -22% | \$ (6,600) | -1% |
| 4250-0115 | Forest Water Repairs & Improvements | \$ 3,500 | | \$ - | \$ 3,500 | 0% | \$ - | #DIV/0! |
| 4250-0140 | Forest Water Communications | \$ 400 | \$ 309 | \$ 534 | \$ 400 | 0% | \$ - | -25% |
| 4250-0150 | Forest Water Power | \$ 6,000 | \$ 1,882 | \$ 3,245 | \$ 6,000 | 0% | \$ - | 85% |
| 4250-0161 | Forest Water Property Insurance | \$ 18,263 | | \$ - | \$ 20,089 | 10% | \$ 1,826 | #DIV/0! |
| 4250-0240 | Forest Water Sampling & Testing | \$ 7,000 | \$ 3,843 | \$ 6,626 | \$ 10,000 | 43% | \$ 3,000 | 51% |
| 4250-0300 | Forest Water Purchased | \$ 690,250 | \$ 229,686 | \$ 396,010 | \$ 690,250 | 0% | \$ - | 74% |
| 4250-0410 | Forest Water VDH Fees | \$ 27,232 | \$ 26,259 | \$ 25,833 | \$ 27,232 | 0% | \$ - | 5% |
| 4250 | Forest Water Costs | \$ 874,145 | \$ 281,677 | \$ 466,208 | \$ 882,571 | 1% | \$ 8,426 | 89% |
| 4260-0100 | Well System Supplies | \$ 10,400 | \$ 7,020 | \$ 12,104 | \$ 12,000 | 15% | \$ 1,600 | -1% |
| 4260-0105 | Well systems Chemicals | \$ 5,000 | \$ 3,533 | \$ 6,091 | \$ 6,500 | 30% | \$ 1,500 | 7% |
| 4260-0101 | Well Systems Meter Installations | \$ 500 | | \$ - | \$ 500 | 0% | \$ - | #DIV/0! |
| 4260-0110 | Well Systems Contracted Services | \$ 9,000 | \$ 26,304 | \$ 45,351 | \$ 12,000 | 33% | \$ 3,000 | -74% |
| 4260-0115 | Well Systems Repairs & Improvements | \$ 1,500 | | \$ - | \$ 500 | -67% | \$ (1,000) | #DIV/0! |
| 4260-0150 | Well Systems Power | \$ 6,000 | \$ 2,100 | \$ 3,621 | \$ 6,000 | 0% | \$ - | 66% |
| 4260-0161 | Well Systems Property Insurance | \$ 786 | | \$ - | \$ 865 | 10% | \$ 79 | #DIV/0! |
| 4260-0240 | Well Systems Sampling & Testing | \$ 3,000 | \$ 735 | \$ 1,267 | \$ 5,000 | 67% | \$ 2,000 | 295% |
| 4260-0410 | Well Systems VDH Fees | \$ 690 | \$ 702 | \$ 696 | \$ 699 | 1% | \$ 9 | 0% |
| 4260 | Well Systems Costs | \$ 36,876 | \$ 40,394 | \$ 69,131 | \$ 44,064 | 19% | \$ 7,188 | -36% |

FY 2023-24 Budget: Operating Expenses

| Account # | Description | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-------------|---|-------------------------------|-----------------------------|---------------------------|--------------------------------|--|---|---|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 4265-0100 | SML Water Distribution System Supplies | \$ 20,000 | \$ 8,585 | \$ 14,802 | \$ 14,500 | -28% | \$ (5,500) | -2% |
| 4265-0101 | SML Water Distribution System Meter Ins | \$ 6,500 | | \$ - | \$ 6,500 | 0% | \$ - | #DIV/0! |
| 4265-0110 | SML Water Distribution System Contracte | \$ 15,000 | \$ 963 | \$ 1,661 | \$ 6,200 | -59% | \$ (8,800) | 273% |
| 4265-0115 | SML Water Distribution Repairs & Improv | \$ 1,000 | | \$ - | \$ 1,000 | 0% | \$ - | #DIV/0! |
| 4265-0140 | SML Water Distribution Communications | | \$ 226 | | \$ 400 | | \$ 400 | #DIV/0! |
| 4265-0150 | SML Water Distribution Power | | \$ 286 | | \$ 400 | | \$ 400 | #DIV/0! |
| 4265-0240 | SML Water Distribution System Sampling | \$ 5,000 | \$ 2,628 | \$ 4,532 | \$ 8,000 | 60% | \$ 3,000 | 77% |
| 4265-0410 | SML Water Distribution System VDH Fee | \$ 4,508 | \$ 4,641 | \$ 4,554 | \$ 4,699 | 4% | \$ 191 | 3% |
| 4265 | SML Central Distribution System Co | \$ 52,008 | \$ 17,329 | \$ 25,548 | \$ 41,699 | -20% | \$ (10,309) | 63% |
| 4270-0100 | Highpoint Facility Supplies | \$ 1,500 | | \$ - | \$ 3,500 | 133% | \$ 2,000 | #DIV/0! |
| 4270-0105 | Highpoint Facility Chemicals | \$ 1,000 | | \$ - | \$ 1,000 | 0% | \$ - | #DIV/0! |
| 4270-0110 | Highpoint Facility Contracted Services | \$ 7,000 | \$ 3,555 | \$ 6,129 | \$ 5,700 | -19% | \$ (1,300) | -7% |
| 4270-0150 | Highpoint Facility Power | \$ 14,000 | \$ 7,377 | \$ 12,718 | \$ 14,000 | 0% | \$ - | 10% |
| 4270-0155 | Highpoint Facility Propane | \$ 2,000 | \$ 893 | \$ 1,540 | \$ 2,000 | 0% | \$ - | 30% |
| 4270-0161 | Highpoint Facility Property Insurance | \$ 5,740 | | \$ - | \$ 6,314 | 10% | \$ 574 | #DIV/0! |
| 4270-0240 | Highpoint Facility Sampling & testing | \$ - | | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 4270-0370 | Highpoint Facility Raw Water Fee | \$ - | \$ - | \$ - | \$ - | #DIV/0! | \$ - | |
| 4270-0371 | Highpoint Facility Road Maintenance Fee | \$ 1,320 | \$ - | \$ - | \$ 1,320 | 0% | \$ - | |
| 4270 | Highpoint Facility Costs | \$ 32,560 | \$ 11,825 | \$ 20,388 | \$ 33,834 | 4% | \$ 1,274 | 66% |
| 4330-0100 | SMLWTF Supplies | \$ 33,000 | \$ 22,707 | \$ 39,150 | \$ 40,000 | 21% | \$ 7,000 | 2% |
| 4330-0105 | SMLWTF Chemicals | \$ 55,000 | \$ 42,992 | \$ 74,124 | \$ 75,000 | 36% | \$ 20,000 | 1% |
| 4330-0110 | SMLWTF Contracted Services | \$ 208,750 | \$ 9,261 | \$ 15,968 | \$ 208,750 | 0% | \$ - | 1207% |
| 4330-0140 | SMLWTF Communications | \$ 780 | \$ 881 | \$ 1,520 | \$ 780 | 0% | \$ - | -49% |
| 4330-0150 | SMLWTF Facility Power | \$ 210,000 | \$ 118,783 | \$ 204,799 | \$ 210,000 | 0% | \$ - | 3% |
| 4330-0155 | SMLWTF Fuel Costs | \$ 1,000 | | \$ - | \$ 1,000 | 0% | \$ - | #DIV/0! |
| 4330-0161 | SMLWTF Property Insurance | \$ 8,524 | | \$ - | \$ 9,376 | 10% | \$ 852 | #DIV/0! |
| 4330-0240 | SMLWTF Sampling & Testing | \$ 8,750 | \$ 1,556 | \$ 2,683 | \$ 8,750 | 0% | \$ - | 226% |
| 4330-0300 | SMLWTF Water Quality Monitoring | \$ 7,500 | \$ 7,500 | \$ 7,500 | \$ 7,500 | 0% | \$ - | 0% |
| 4330-0370 | SMLWTF Raw Water Fee | \$ 8,800 | \$ - | \$ - | \$ 8,800 | 0% | \$ - | #DIV/0! |
| 4330 | SMLWTF Expenses | \$ 542,104 | \$ 203,681 | \$ 338,243 | \$ 569,956 | 5% | \$ 27,852 | 69% |

FY 2023-24 Budget: Operating Expenses

| Account # | Description | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-------------|---|-------------------------------|--------------------------|------------------------|--------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 4275-0100 | Central Water Distribution Supplies | \$ 45,000 | \$ 19,468 | \$ 33,566 | \$ 37,500 | -17% | \$ (7,500) | 12% |
| 4275-0101 | Central Water Distribution Meter Installati | \$ 3,750 | | \$ - | \$ 3,750 | 0% | \$ - | 0% |
| 4275-0110 | Central Water Distribution Contracted Ser | \$ 90,000 | \$ 44,683 | \$ 148,942 | \$ 90,000 | 0% | \$ - | -40% |
| 4275-0115 | Central Water Distribution Repairs & Maint | \$ 40,000 | | \$ - | \$ 31,000 | -23% | \$ (9,000) | |
| 4275-0120 | Central Water Distribution Dam Inspectio | \$ - | \$ - | \$ - | \$ - | | \$ - | |
| 4275-0140 | Central Water Distribution Communications | | | \$ - | | | \$ - | |
| 4275-0155 | Central Water Distribution Fuel | \$ 500 | \$ 23 | \$ 39 | \$ 500 | | \$ - | 1183% |
| 4275-0240 | Central Water Distribution Sampling & Te | \$ 12,750 | \$ 3,939 | \$ 6,791 | \$ 12,750 | 0% | \$ - | 88% |
| 4275-0410 | Central Water Distribution VDH fees | \$ 12,091 | \$ 11,307 | \$ 11,268 | \$ 12,091 | 0% | \$ - | 7% |
| 4275 | Central Water Distribution Costs | \$ 204,091 | \$ 79,419 | \$ 200,605 | \$ 187,591 | -8% | \$ (16,500) | -6% |
| 4276-0100 | Central Water Treatment Supplies | \$ 40,000 | \$ 28,214 | \$ 48,645 | \$ 45,000 | 13% | \$ 5,000 | -7% |
| 4276-0105 | Central Water Treatment Chemicals | \$ 50,000 | \$ 28,765 | \$ 49,595 | \$ 55,000 | 10% | \$ 5,000 | 11% |
| 4276-0110 | Central Water Treatment Contracted Serv | \$ 15,000 | \$ 13,037 | \$ 22,478 | \$ 20,000 | 33% | \$ 5,000 | -11% |
| 4276-0140 | Central Water Treatment Communication | \$ 1,020 | \$ 300 | \$ 518 | \$ 1,020 | 0% | \$ - | 97% |
| 4276-0150 | Central Water Treatment Power | \$ 32,000 | \$ 15,358 | \$ 26,479 | \$ 32,000 | 0% | \$ - | 21% |
| 4276-0155 | Central Water Treatment Fuel | \$ 1,800 | \$ 493 | \$ 851 | \$ 1,800 | 0% | \$ - | 112% |
| 4276-0161 | Central Water Treatment Property Insura | \$ 19,468 | | \$ - | \$ 21,415 | 10% | \$ 1,947 | #DIV/0! |
| 4276-0161 | Central Water Treatment Sampling& Test | \$ 1,500 | | \$ - | \$ 1,500 | 0% | \$ - | #DIV/0! |
| 4276 | Central Water Treatment Costs | \$ 160,788 | \$ 86,168 | \$ 148,565 | \$ 177,735 | 11% | \$ 16,947 | 20% |
| 4280-0100 | Stewartsville Water Supplies | \$ 3,500 | \$ 8,280 | \$ 14,276 | \$ 3,500 | 0% | \$ - | -75% |
| 4280-0101 | Stewartsville Water Meter Installations | \$ 500 | | \$ - | \$ 500 | 0% | \$ - | #DIV/0! |
| 4280-0110 | Stewartsville Water Contracted Services | \$ 4,000 | \$ 810 | \$ 1,397 | \$ 2,700 | -33% | \$ (1,300) | 93% |
| 4280-0115 | Stewartsville Water Repairs & Maintenan | \$ 2,500 | | \$ - | \$ 2,500 | 0% | \$ - | #DIV/0! |
| 4280-0140 | Stewartsville Water Communications | \$ 600 | \$ 272 | \$ 469 | \$ 600 | | \$ - | 28% |
| 4280-0150 | Stewartsville Water Power | \$ 400 | \$ 94 | \$ 162 | \$ 400 | 0% | \$ - | 146% |
| 4280-0161 | Stewartsville Water Property Insurance | \$ 721 | | \$ - | \$ 793 | 10% | \$ 72 | #DIV/0! |
| 4280-0240 | Stewartsville Water Sampling & testing | \$ 2,000 | \$ 538 | \$ 927 | \$ 2,800 | 40% | \$ 800 | 202% |
| 4280-0300 | Stewartsville Water Purchased | \$ 38,500 | \$ 12,107 | \$ 20,873 | \$ 38,500 | 0% | \$ - | 84% |
| 4280-0410 | Stewartsville Water VDH Fees | \$ 422 | \$ 429 | \$ 429 | \$ 422 | 0% | \$ (0) | -2% |

FY 2023-24 Budget: Operating Expenses

| Account # | Description | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-------------|---|-------------------------------|--------------------------|------------------------|--------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 4280 | Stewartsville Water Costs | \$ 53,143 | \$ 22,530 | \$ 38,534 | \$ 52,715 | -1% | \$ (428) | 37% |
| 4290-0100 | Forest Sewer Supplies | \$ 66,000 | \$ 20,209 | \$ 34,844 | \$ 65,400 | -1% | \$ (600) | 88% |
| 4290-0105 | Forest Sewer Chemicals | \$ 72,000 | \$ 28,711 | \$ 49,501 | \$ 64,000 | -11% | \$ (8,000) | 29% |
| 4290-0110 | Forest Sewer Contracted Services | \$ 60,000 | \$ 25,767 | \$ 44,425 | \$ 70,500 | 18% | \$ 10,500 | 59% |
| 4290-0115 | Forest Sewer Repairs & Improvements | \$ 35,000 | | \$ - | \$ 9,200 | -74% | \$ (25,800) | #DIV/0! |
| 4290-0140 | Forest Sewer Communications | \$ 3,600 | \$ 715 | \$ 1,233 | \$ 3,600 | 0% | \$ - | 192% |
| 4290-0150 | Forest Sewer Power | \$ 37,200 | \$ 18,516 | \$ 31,925 | \$ 37,200 | 0% | \$ - | 17% |
| 4290-0155 | Forest Sewer Fuel Costs | \$ 3,000 | | \$ - | \$ 3,000 | 0% | \$ - | #DIV/0! |
| 4290-0161 | Forest Sewer Property Insurance | \$ 5,201 | | \$ - | \$ 5,721 | 10% | \$ 520 | #DIV/0! |
| 4290-0240 | Forest Sewer Sampling & Testing | \$ 500 | | \$ - | \$ 500 | 0% | \$ - | #DIV/0! |
| 4290-0350 | Forest Sewer Treatment Costs | \$ 300,000 | \$ 100,000 | \$ 270,000 | \$ 300,000 | 0% | \$ - | 11% |
| 4290 | Forest Sewer Costs | \$ 582,501 | \$ 193,918 | \$ 431,928 | \$ 559,121 | -4% | \$ (23,380) | 29% |
| 4291-0100 | Center Sewer Collection Supplies | \$ 70,000 | \$ 13,859 | \$ 23,895 | \$ 65,000 | -7% | \$ (5,000) | 172% |
| 4291-0110 | Center Sewer Collection Contracted Serv | \$ 63,000 | \$ 24,819 | \$ 80,000 | \$ 60,000 | -5% | \$ (3,000) | -25% |
| 4291-0115 | Center Sewer Collection Repairs & Impro | \$ 109,000 | \$ 25,134 | \$ 95,000 | \$ 30,000 | -72% | \$ (79,000) | -68% |
| 4291-0150 | Center Sewer Collection Power | \$ 50,000 | \$ 2,928 | \$ 5,049 | \$ 50,000 | 0% | \$ - | 890% |
| 4291-0155 | Center Sewer Collection Fuel Costs | \$ 3,000 | \$ - | \$ - | \$ 3,000 | 0% | \$ - | #DIV/0! |
| 4291-0240 | Center Sewer Collection Sampling & Tes | \$ 250 | \$ - | \$ - | \$ - | | \$ (250) | #DIV/0! |
| 4291 | Center Sewer Collection System Cos | \$ 295,250 | \$ 66,741 | \$ 203,944 | \$ 208,000 | -30% | \$ (87,250) | 2% |
| 4293-0100 | Center Sewer Treatment Supplies | \$ 73,000 | \$ 29,917 | \$ 51,582 | \$ 65,000 | -11% | \$ (8,000) | 26% |
| 4293-0105 | Center Sewer Treatment Chemicals | \$ 110,000 | \$ 60,797 | \$ 104,823 | \$ 125,000 | 14% | \$ 15,000 | 19% |
| 4293-0110 | Center Sewer Treatment Contracted Serv | \$ 60,000 | \$ 32,545 | \$ 56,112 | \$ 70,000 | 17% | \$ 10,000 | 25% |
| 4293-0115 | Center Sewer Treatment Sludge Tipping | \$ 45,000 | \$ 9,830 | \$ 16,948 | \$ 40,000 | -11% | \$ (5,000) | 136% |
| 4293-0140 | Center Sewer Treatment Communication | \$ 9,162 | \$ 3,792 | \$ 6,538 | \$ 9,162 | 0% | \$ - | 40% |
| 4293-0150 | Center Sewer Treatment Power | \$ 212,000 | \$ 72,242 | \$ 124,556 | \$ 212,000 | 0% | \$ - | 70% |
| 4293-0155 | Center Sewer Treatment Fuel | \$ 1,500 | \$ 798 | \$ 1,376 | \$ 1,500 | 0% | \$ - | 9% |
| 4293-0161 | Center Sewer Treatment Property Insuranc | \$ 16,449 | | \$ - | \$ 18,094 | 10% | \$ 1,645 | #DIV/0! |
| 4293-0240 | Center Sewer Treatment Sampling & Tes | \$ 25,000 | \$ 10,622 | \$ 18,313 | \$ 20,000 | -20% | \$ (5,000) | 9% |
| 4293-0411 | Center Sewer Treatment DEQ charges | \$ 9,529 | \$ 9,657 | \$ 9,529 | \$ 9,550 | 0% | \$ 21 | 0% |
| 4293 | Center Sewer Treatment Costs | \$ 561,640 | \$ 230,201 | \$ 389,777 | \$ 570,306 | 2% | \$ 8,666 | 46% |

FY 2023-24 Budget: Operating Expenses

| Account # | Description | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-------------|--|-------------------------------|--------------------------|------------------------|--------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 4292-0100 | Moneta Sewer Collection Supplies | \$ 7,000 | \$ 9,709 | \$ 16,739 | \$ 15,000 | 114% | \$ 8,000 | -10% |
| 4292-0105 | Moneta Sewer Collection Chemicals | \$ 2,000 | | \$ - | \$ - | | \$ (2,000) | #DIV/0! |
| 4292-0110 | Moneta Sewer Collection Contracted Ser | \$ 8,000 | \$ 6,397 | \$ 11,030 | \$ 15,000 | 88% | \$ 7,000 | 36% |
| 4292-0115 | Moneta Sewer Collection Repairs & Improvements | | | \$ - | | #DIV/0! | \$ - | #DIV/0! |
| 4292-0140 | Moneta Sewer Collection System Commu | 400 | \$ 198 | \$ 341 | 400 | | \$ - | 17% |
| 4292-0150 | Moneta Sewer Collection Power | \$ 15,000 | \$ 7,118 | \$ 12,272 | \$ 15,000 | 0% | \$ - | 22% |
| 4292-0155 | Moneta Sewer Collection Fuel Costs | \$ 2,000 | | \$ - | \$ 2,000 | 0% | \$ - | #DIV/0! |
| 4292-0240 | Moneta Sewer Collection Sampling & tes | \$ 600 | | \$ - | \$ - | | \$ (600) | #DIV/0! |
| 4292 | Moneta Sewer Collection System Co | \$ 35,000 | \$ 23,422 | \$ 40,382 | \$ 47,400 | 35% | \$ 12,400 | 17% |
| 4294-0100 | Moneta Sewer Treatment Supplies | \$ 20,000 | \$ 830 | \$ 1,431 | \$ 20,000 | 0% | \$ - | 1298% |
| 4294-0105 | Moneta Sewer Treatment Chemicals | \$ 12,000 | \$ 5,564 | \$ 9,594 | \$ 13,000 | 8% | \$ 1,000 | 36% |
| 4294-0110 | Moneta Sewer Contracted Services | \$ 28,000 | \$ 9,167 | \$ 15,805 | \$ 28,000 | 0% | \$ - | 77% |
| 4294-0115 | Moneta Sewer Sludge Tipping Fees | \$ 10,000 | \$ 2,855 | \$ 4,922 | \$ 9,000 | -10% | \$ (1,000) | 83% |
| 4294-0140 | Moneta Sewer Treatment Communication | \$ 3,500 | \$ 683 | \$ 1,178 | \$ 3,500 | 0% | \$ - | 197% |
| 4294-0150 | Moneta Sewer Treatment Power | \$ 39,000 | \$ 19,829 | \$ 34,187 | \$ 39,000 | 0% | \$ - | 14% |
| 4294-0155 | Moneta Sewer Fuel | \$ 350 | \$ 276 | \$ 475 | \$ 600 | | \$ 250 | 26% |
| 4294-0161 | Moneta Sewer Treatment Property Insura | \$ 6,447 | | \$ - | \$ 7,092 | 10% | \$ 645 | #DIV/0! |
| 4294-0240 | Moneta Sewer Treatment Sampling & Te | \$ 10,000 | \$ 5,687 | \$ 9,805 | \$ 10,000 | 0% | \$ - | 2% |
| 4294-0411 | Moneta Sewer DEQ charges | \$ 2,940 | \$ 2,985 | \$ 2,940 | \$ 3,000 | 2% | \$ 60 | 2% |
| 4294 | Moneta Sewer Treatment Costs | \$ 132,237 | \$ 47,875 | \$ 80,337 | \$ 133,192 | 1% | \$ 955 | 66% |
| 4295-0100 | Montvale Sewer Supplies | \$ 10,000 | \$ 2,482 | \$ 4,279 | \$ 10,000 | 0% | \$ - | 134% |
| 4295-0105 | Montvale Sewer Chemicals | \$ 1,000 | \$ 695 | \$ 1,198 | \$ 1,400 | 40% | \$ 400 | 17% |
| 4295-0110 | Montvale Sewer Contracted Services | \$ 7,000 | \$ 1,485 | \$ 2,560 | \$ 7,000 | 0% | \$ - | 173% |
| 4295-0115 | Montvale Sewer Repairs & Improvements | \$ - | | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 4295-0140 | Montvale Sewer Communication | \$ 300 | \$ 53 | \$ 91 | \$ 300 | 0% | | |
| 4295-0150 | Montvale Sewer Power | \$ 400 | \$ 159 | \$ 274 | \$ 400 | 0% | \$ - | 46% |
| 4295-0155 | Montvale WWTP Fuel Costs | \$ 250 | | \$ - | \$ 250 | 0% | \$ - | #DIV/0! |
| 4295-0161 | Montvale Sewer Property Insurance | \$ 910 | | \$ - | \$ 1,001 | 10% | \$ 91 | #DIV/0! |
| 4295-0240 | Montvale Sewer Sampling & testing | \$ 4,000 | \$ 830 | \$ 1,430 | \$ 4,000 | 0% | \$ - | 180% |
| 4295-0411 | Montvale Sewer DEQ Charges | \$ 2,400 | \$ 2,388 | \$ 2,353 | \$ 2,400 | 0% | \$ - | 2% |
| 4295 | Montvale Sewer Treatment Costs | \$ 26,260 | \$ 8,091 | \$ 12,186 | \$ 26,751 | 2% | \$ 491 | 120% |
| 4296-0100 | Montvale Sewer Collection Supplies | \$ 4,000 | | | \$ 4,000 | 0% | \$ - | 230% |
| 4296-0110 | Montvale Sewer Collection Contracted Se | \$ 2,500 | | | \$ 2,500 | 0% | \$ - | 46% |
| 4296-0115 | Montvale Sewer Collection Repairs & Improvements | | | | \$ - | #DIV/0! | \$ - | #DIV/0! |

FY 2023-24 Budget: Operating Expenses

| Account # | Description | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-------------|---|-------------------------------|--------------------------|------------------------|--------------------------|-----------------------------------|------------------------------------|-------------------------------------|
| | | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 4296-0150 | Montvale Sewer Collection Power | | | | \$ - | #DIV/0! | \$ 91 | #DIV/0! |
| 4296-0155 | Montvale Sewer Collection Fuel Costs | | | | \$ - | #DIV/0! | \$ - | 180% |
| 4296-0240 | Montvale Sewer Collection Sampling & Testing | | | | \$ - | #DIV/0! | \$ - | 2% |
| 4291 | Montvale Sewer Collection System Costs | \$ 6,500 | \$ - | \$ - | \$ 6,500 | | | |
| 4340-0100 | Mariners Landing Sewer Supplies | \$ 37,000 | \$ 18,649 | \$ 32,154 | \$ 37,000 | 0% | \$ - | 15% |
| 4340-0105 | Mariners Landing Sewer Chemicals | \$ 1,500 | | \$ - | \$ 1,500 | 0% | \$ - | #DIV/0! |
| 4340-0140 | Mariners Landing Sewer Contracted Services | \$ 30,000 | \$ 16,492 | \$ 28,434 | \$ 30,000 | 0% | \$ - | 6% |
| 4340-0115 | Mariners Landing Sewer Sludge Tipping Fees | | | \$ - | | #DIV/0! | \$ - | #DIV/0! |
| 4340-0140 | Mariners Landing Sewer Communication | \$ 840 | \$ 471 | \$ 12,464 | \$ 840 | 0% | \$ - | -93% |
| 4340-0150 | Mariners Landing Sewer Power | \$ 28,000 | \$ 10,135 | \$ 17,474 | \$ 28,000 | 0% | \$ - | 60% |
| 4340-0155 | Mariners Landing Sewer Fuel Costs | \$ 2,000 | | \$ - | \$ 2,000 | 0% | \$ - | #DIV/0! |
| 4340-0161 | Mariners Landing Sewer Insurance | \$ 1,727 | | \$ - | \$ 1,900 | 10% | \$ 173 | #DIV/0! |
| 4340-0240 | Mariners Landing Sewer Sampling & Testing | \$ 1,500 | | \$ - | \$ - | -100% | \$ (1,500) | #DIV/0! |
| 4340-0411 | Mariners Landing Sewer DEQ Permit Fees | | | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| | Mariners Landing Sewer Costs | \$ 102,567 | \$ 45,747 | \$ 90,526 | \$ 101,240 | -1% | \$ (1,327) | 12% |
| 4350-0100 | Cedar Rock Sewer Supplies | \$ 10,000 | \$ 1,308 | \$ 2,255 | \$ 10,000 | 0% | \$ - | 343% |
| 4350-0105 | Cedar Rock Sewer Chemicals | \$ 700 | \$ 695 | \$ 1,198 | \$ 1,000 | 43% | \$ 300 | -17% |
| 4350-0110 | Cedar Rock Sewer Contracted Services | \$ 12,000 | \$ 3,565 | \$ 6,147 | \$ 12,000 | 0% | \$ - | 95% |
| 4350-0115 | Cedar Rock Sewer Sludge Tipping Fees | | | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 4350-0140 | Cedar Rock Sewer Communication | \$ 800 | \$ 325 | \$ 560 | \$ 800 | 0% | \$ - | 43% |
| 4350-0150 | Cedar Rock Sewer Power | \$ 9,000 | \$ 4,141 | \$ 7,140 | \$ 9,000 | 0% | \$ - | 26% |
| 4350-0155 | Cedar Rock Sewer Fuel Costs | \$ 500 | | \$ - | \$ 500 | 0% | \$ - | #DIV/0! |
| 4350-0161 | Cedar Rock Sewer Property Insurance | \$ 100 | | \$ - | \$ 100 | 0% | \$ - | #DIV/0! |
| 4350-0240 | Cedar Rock Sewer Sampling & Testing | \$ 700 | \$ 256 | \$ 442 | \$ 700 | 0% | \$ - | 58% |
| 4350-0411 | Cedar Rock Sewer DEQ Permit Fees | \$ 2,400 | \$ 2,388 | \$ 2,353 | \$ 2,400 | 0% | \$ - | 2% |
| | Cedar Rock Sewer Costs | \$ 36,200 | \$ 12,678 | \$ 20,095 | \$ 36,500 | 1% | \$ 300 | 82% |
| 4360-0100 | Paradise Point Water Supplies | \$ 2,000 | | \$ - | \$ 2,000 | 0% | \$ - | #DIV/0! |
| 4360-0105 | Paradise Point Water Chemicals | \$ 5,000 | | \$ - | \$ 5,000 | 0% | \$ - | #DIV/0! |
| 4360-0140 | Paradise Point Water Contracted Services | \$ 5,000 | \$ 20 | \$ 34 | \$ 5,000 | 0% | \$ - | 14400% |
| 4360-0140 | Paradise Point Water Communication | \$ 300 | | \$ 3,425 | \$ 300 | 0% | \$ - | -91% |
| 4360-0150 | Paradise Point Water Power | \$ 5,000 | \$ 476 | \$ 821 | \$ 5,000 | 0% | \$ - | 509% |

FY 2023-24 Budget: Operating Expenses

| | | Current Fiscal Year 2022-2023 | | | Fiscal Year 2023-2024 | | | |
|-----------|---|-------------------------------|-----------------------------|---------------------------|--------------------------------|--|---|---|
| Account # | Description | Existing Budget | Balance as of 12/31/2022 | Projected to June 2023 | FY 23-24 Proposed Budget | % Difference from FY 22-23 Budget | \$ Difference from FY 22-23 Budget | Difference from Projected June 2023 |
| 4360-0155 | Paradise Point Water Fuel Costs | \$ 100 | | \$ - | \$ 100 | 0% | \$ - | #DIV/0! |
| 4360-0161 | Paradise Point Water Insurance | | | \$ - | \$ - | #DIV/0! | \$ - | #DIV/0! |
| 4360-0240 | Paradise Point Water Sampling & Testing | \$ 550 | \$ 225 | \$ 388 | \$ 1,000 | 82% | \$ 450 | 158% |
| 4360-0410 | Paradise Point Water VDH fees | \$ 74 | \$ 72 | \$ 72 | \$ 74 | 0% | \$ (0) | 2% |
| | Paradise Point Water Expenses | \$ 18,024 | \$ 793 | \$ 4,740 | \$ 18,474 | 2% | \$ 450 | 290% |
| 4300-0100 | Schools WWTP Supplies | \$ 5,000 | \$ 15 | \$ 26 | \$ 10,000 | 100% | \$ 5,000 | 39116% |
| 4300-0105 | Schools WWTP Chemicals | \$ 3,500 | \$ 1,543 | \$ 2,661 | \$ 10,000 | 186% | \$ 6,500 | 276% |
| 4300-0110 | Schools WWTP Contracted Services | \$ 15,000 | | \$ - | \$ 15,000 | 0% | \$ - | #DIV/0! |
| 4300-0240 | Schools Testing | \$ 7,000 | \$ 6,469 | \$ 11,154 | \$ 8,500 | 21% | \$ 1,500 | -24% |
| 4310-0110 | Closed Schools Contracted Services | | | \$ - | \$ - | #DIV/0! | \$ - | |
| 4320-0100 | Franklin County Supplies | \$ 12,000 | \$ 5,548 | \$ 9,565 | \$ 12,000 | 0% | \$ - | 25% |
| 4320-0105 | Franklin County Chemicals | \$ 12,000 | \$ 6,286 | \$ 10,838 | \$ 14,000 | 17% | \$ 2,000 | |
| 4320-0240 | Franklin County Sampling & Testing | \$ 12,000 | \$ - | \$ - | \$ 1,000 | -92% | \$ (11,000) | #DIV/0! |
| 4300 | Contract Operations | \$ 66,500 | \$ 19,861 | \$ 34,243 | \$ 70,500 | 6% | \$ 4,000 | 106% |
| | Total Operating Expenditures | \$ 12,283,966 | \$ 5,014,075 | \$ 9,425,753 | \$ 13,372,671 | 9% | \$ 1,088,705 | 42% |

Debt Service Summary

Listing of Debt

| Issue | Principal Payment | Interest Payment | Total Debt Service Payment | Coverage Required | | Notes: |
|-----------------------------|----------------------|---------------------|-------------------------------|-------------------|---------------|---------------------------------|
| | | | | % | Dollars | |
| a. 2005 Spring | | | \$ - | 15.0% | \$ - | Bedford County Moral Obligation |
| b. 2009 (2002 A refunding) | | | \$ - | 15.0% | \$ - | Bedford County Moral Obligation |
| c. Lynchburg Sewer Debt | \$ 60,255.78 | \$ 1,664.05 | \$ 61,919.83 | 0.0% | \$ - | |
| d. 2012 (2005 Refunding) | \$ 830,000.00 | \$ 21,268.75 | \$ 851,268.75 | 15.0% | \$ 127,690.31 | Bedford County Moral Obligation |
| e. 2014 (2005 Refunding) | \$ - | \$ 77,281.26 | \$ 77,281.26 | 15.0% | \$ 11,592.19 | Bedford County Moral Obligation |
| f. City W&S Debt | \$ 582,000.00 | \$ 53,070.50 | \$ 635,070.50 | 1.0% | \$ 6,350.71 | assumed debt from City |
| g. 2015 Fall VRA | \$ 760,000.00 | \$ 959,481.26 | \$ 1,719,481.26 | 15.0% | \$ 257,922.19 | SMLWTP project |
| h. 2019 (2009 refunding) | \$ - | \$ - | \$ - | 15.0% | \$ - | Bedford County Moral Obligation |
| i.. 2020 VRA (ESCO) | \$ 195,000.00 | \$ 124,371.89 | \$ 319,371.89 | 15.0% | \$ 47,905.78 | |
| j. VA Clean Water Revolving | \$ - | \$ - | \$ - | 15.0% | \$ - | |
| k. Totals | \$ 2,427,255.78 | \$ 1,237,137.71 | \$ 3,664,393.49 | | \$ 451,461.18 | |

Summary

| Description | Amount |
|--|-------------------|
| l. Total Principal and Interest (row g. above) | \$ 3,664,393.49 |
| m. Trustee Fees | |
| n. Gross Debt service paid by BRWA (h.+i.+j.) | \$ 3,664,393.49 |
| o. Bedford County Contribution | \$ (1,000,000.00) |
| p. Net Debt service paid by BRWA (k.-l.) | \$ 2,664,393.49 |

Coverage

| | |
|---|---------------|
| Required Debt Coverage, from both reserve fund accounts and operating revenue coverage (15% of total principal and interest from row a. through e. above) | |
| q. | \$ 445,110.47 |
| Required Debt Coverage, for assumed debt from City (1.00% of total principal and interest from row f. above) | |
| r. | \$ 6,350.71 |
| s. Total Required Debt Coverage (n.+o.) | \$ 451,461.18 |

Operating Summary

| <u>Revenue Sources</u> | % of Operations | Amount |
|--|---------------------------|----------------------|
| Water Sales | 57.42% | \$ 10,969,377 |
| Sewer Sales | 27.14% | \$ 5,185,428 |
| Penalties | 0.51% | \$ 98,000 |
| Capital Recovery Fees | 6.28% | \$ 1,200,000 |
| Administrative Fees | 0.60% | \$ 115,500 |
| Interest | 0.16% | \$ 30,400 |
| Rental & Service Charges | 1.46% | \$ 278,726 |
| Contract Operations | 1.15% | \$ 219,000 |
| Misc | 0.04% | \$ 8,000 |
| Bedford County CIP Contribution For Debt & Other Contributions | 5.23% | \$ 1,000,000 |
| Revenue from Operations | 100.00% | \$ 19,104,430 |
| <u>Other Non Operating Sources</u> | % of Other Sources | |
| Line Dedications | 74.26% | \$ 200,000 |
| Prepay Redemptions | 7.43% | \$ 20,000 |
| Customer Line Contributions | 0.00% | \$ - |
| County portion- cellular tower rental | 18.32% | \$ 49,332 |
| Other Revenue & Support | 100.00% | \$ 269,332 |
| Total Revenue | | \$ 19,373,762 |
| <u>Expenditure Categories</u> | % of Operations | |
| Personnel Costs | 48.20% | \$ 8,211,225 |
| Administration | 3.12% | \$ 531,547 |
| Customer Service and Billing Costs | 1.49% | \$ 253,732 |
| Engineering, Maintenance and Operations | 1.34% | \$ 228,996 |
| Vehicle & Equipment Services | 2.22% | \$ 379,022 |
| Water Operations | 11.79% | \$ 2,008,639 |
| Sewer Operations | 9.91% | \$ 1,689,009 |
| Contract Operations | 0.41% | \$ 70,500 |
| Direct Operating Expenses | 78.49% | \$ 13,372,671 |
| <u>Debt Service</u> | | |
| Interest & Fees | 7.26% | \$ 1,237,138 |
| Principal | 14.25% | \$ 2,427,256 |
| Debt Expenditures | 21.51% | \$ 3,664,393 |
| Total Cash Expenditures | 100.00% | \$ 17,037,064 |
| Depreciation | | \$ 4,587,600 |
| Total Expenditures | | \$ 21,624,664 |
| Operating Revenue | | \$ 19,373,762 |
| Cash Operating Expenditures | | \$ 17,037,064 |
| Cash Surplus | | \$ 2,336,698 |

Cash Flow Review for FY 2023-2024
Estimated Balances at June 30, 2023

Cash

| | | |
|---|----|-----------|
| Regular Checking | \$ | 1,500,000 |
| Cash on Hand | \$ | 225 |
| Escrow Account | \$ | 38,492 |
| Deposit Refund Program | \$ | 359,662 |
| Capital Project and Reserve Replacement Accounts | \$ | 2,712,559 |
| LGIP Operating Reserves Fund | \$ | 354,283 |
| Virginia Investment Pool Reserve Fund | \$ | 431,689 |
| Virginia Investment Pool Capital Projects Reserve | \$ | 605,601 |
| Virginia Investment Pool Operating Reserves | \$ | 1,063,699 |
| County Funds for new projects + BRWA EDA Funds | \$ | 479,766 |
| SML WTF Depreciation Reserve (BRWA + WVWA) | \$ | 963,780 |
| Debt Service Accumulation Fund | \$ | 894,493 |

Cash balance available July 1, 2023: \$ **9,404,249** a.

Restricted Funds

| | | |
|---|----|-------------|
| Operating Cash minimum balance | \$ | (500,000) |
| Escrow Account | \$ | (38,492) |
| Deposit Refund Program | \$ | (359,662) |
| Debt Service Accumulation Fund | \$ | (894,493) |
| County Funds for new projects + BRWA EDA Funds | \$ | (479,766) |
| WVWA Funds for projects | \$ | (963,780) |
| Reserve Replacement Accounts (Computers, Vehicles and Meters, Water and Sewer | \$ | (1,641,036) |
| Virginia Investment Pool Reserve Funds | \$ | (2,100,989) |

Total Restricted Funds: \$ **(6,978,218)** b.

Net Unrestricted Cash Available July 1, 2023 (a. + b.): \$ 2,426,031 c.

Projected Revenue and Expenses for FY 2023-2024

Revenue

| | | |
|-------------------------------|----|------------|
| Operating Revenues FY 2023-24 | \$ | 16,904,430 |
| BC CIP Debt Service Support | \$ | 1,269,332 |
| Capital Recovery Fee Revenue | \$ | 1,200,000 |

Total Revenue: \$ **19,373,762** d.

Expenses

| | | |
|------------------------|----|------------|
| Operating Expenditures | \$ | 13,372,671 |
| Debt Service | \$ | 3,664,393 |

Total Cash Expenditures: \$ **17,037,064** e.

Net Operating surplus (d.- e.) \$ 2,336,698 f.

| | | |
|--|----|-----------|
| Estimated unrestricted cash as of June 30, 2023(c. + f.) | \$ | 4,762,729 |
| Capital Reserve Setaside for Vehicles Replacements | \$ | 330,000 |
| Capital Reserve Setaside for Computer Equipment Replacements | \$ | 30,000 |
| Meter Replacement Setaside (11 year plan, ie 10% of the meters each year) | \$ | 300,000 |
| Tank Rehabilitation | \$ | 80,000 |
| SML Facility Depreciation Reserve | \$ | 210,000 |
| Cell Tower Funds for Economic Development | \$ | - |
| Waterline Replacement (needed in Lakes District, old leaking systems) | \$ | 300,000 |
| Water Facility Reserve (plants and pump stations) | \$ | 50,000 |
| Sewer Facility Reserve (plants and pump stations) | \$ | 50,000 |
| Sewerline Replacement (required by consent order, needed in Center District) | \$ | 250,000 |

Unrestricted Cash Available for Capital Projects: \$ 3,162,729 g.



RESOLUTION
2023-05.03
FY 2023-2024 Operating Budget

At a regular meeting of the Bedford Regional Water Authority ("Authority") Board of Directors, held in the Board Meeting Room at the Authority's Administrative Annex Building on the 16th day of May 2023, beginning at 7:00 p.m.:

WHEREAS, the Board of Directors of the Authority has been presented with the FY 2024-2024 Budget, with a summary indicating Total Revenues in the amount of \$19,373, 762 and Cash Operating Expenses in the amount of \$17,037,064 and Total Expenditures (including depreciation) in the amount of \$21,624,664 (the "Operating Budget Summary"); and,

WHEREAS, in support of the Operating Budget Summary, a Detailed Report of Revenues and Expenditures for FY 2023-2024 (the "Line Item Budget") has been submitted to the Board indicating line item expenditures within the categories contained in the Operating Budget Summary; and,

WHEREAS, the Finance Committee of the Board of Directors has thoroughly reviewed this information and recommends that the Authority approve the Operating Budget as presented; now,

THEREFORE, BE IT RESOLVED, that after careful consideration of the Authority's fiscal position, its anticipated revenues, its necessary expenses, as well as its bond covenants, the Board of Directors of the Bedford Regional Water Authority does hereby:

- 1) approve the Fiscal Year 2023-2024 Line Item Budget, and thereby authorize and appropriate the Total Expenditures contained in the Operating Budget Summary subject to receipt of the Revenues estimated therein; and;
- 2) authorize the Executive Director to move items with discretion within the Operating Budget Summary Categories from line item to line item, consolidate or delete line items, and otherwise spend funds in the Operating Budget Summary categories without further action on the part of the Board; and,
- 3) require that the Executive Director ensure that a report of the Revenues and Expenditures be made to the Board at its regular meetings and more often if requested.

On behalf of the Finance Committee, Member _____ made a motion to approve this resolution.

Being a motion from the committee, no second motion was needed.

Board Member Votes: ___Aye, ___Nay, ___Abstain



CERTIFICATION

The undersigned secretary of the Bedford Regional Water Authority does hereby certify that the foregoing is a true, complete, and correct Resolution adopted by a vote of a majority of the Directors of the Bedford Regional Water Authority, present at a regular meeting of the Board of Directors of the Bedford Regional Water Authority duly called and held May 16, 2023 at which a quorum was present and acting throughout, and that the same has not been amended or rescinded and is in full force and effect as of the date of the above mentioned meeting.

(SEAL)

Brian M. Key, Secretary,
Bedford Regional Water Authority

OPERATIONS REPORT

MEMORANDUM

To: BRWA Board of Directors
From: Anthony Browning, Asset Management Specialist
CC: Brian Key, Executive Director, Rhonda English, Deputy Director,
Thomas Cherro, Director of Operations
Date: May 8, 2023
Re: April 2023 Cartegraph Tasks Report

Completed Tasks Summary

Below is a map showing the distribution of the Cartegraph Tasks worked on across our Service Areas during the month of April.

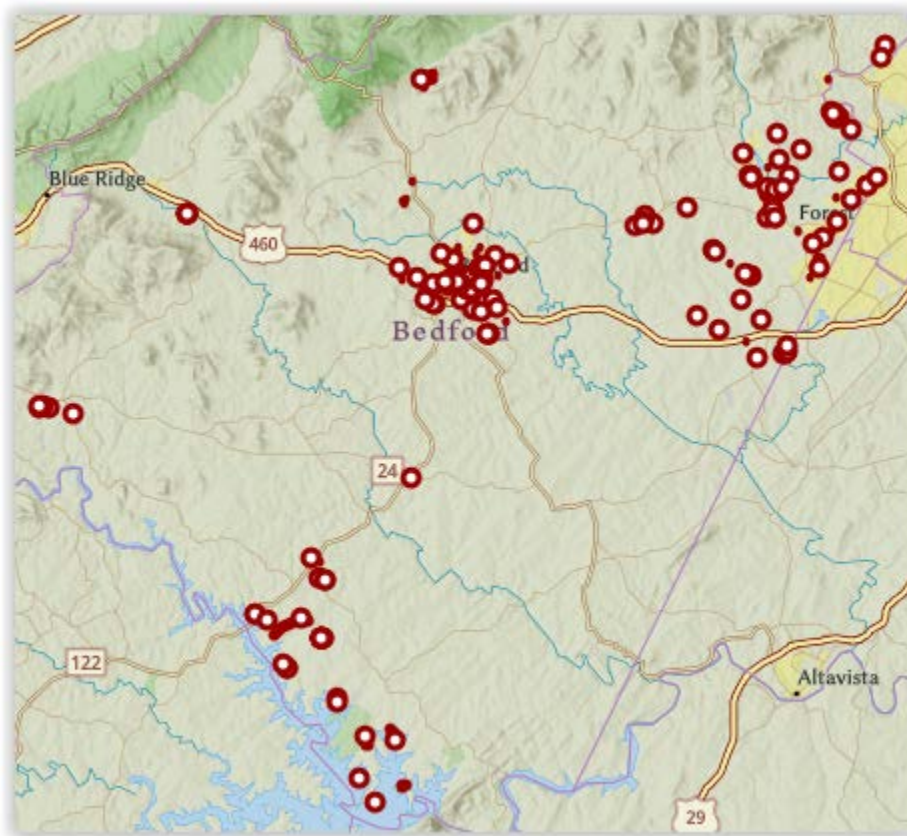


Figure 1: Map Showing Distribution of April Tasks

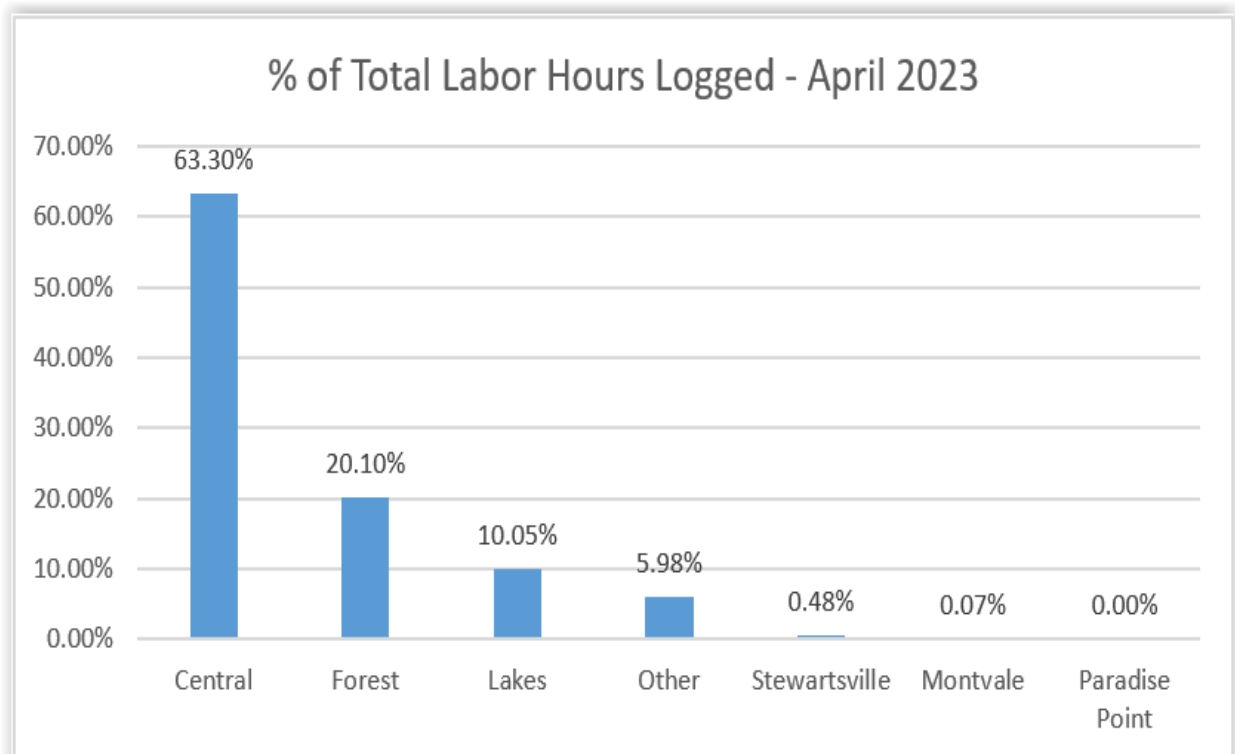
Labor Hours Invested by General Service Area

Below is a chart containing the percentage of labor hours logged by General Service Area. The “General Service Area” groupings of the actual Service Areas are described below.

The Central Service Area led the way in April due to Pipe Repairs, Repairs, and Sewer Backups / Overflows and Capital Improvement work.

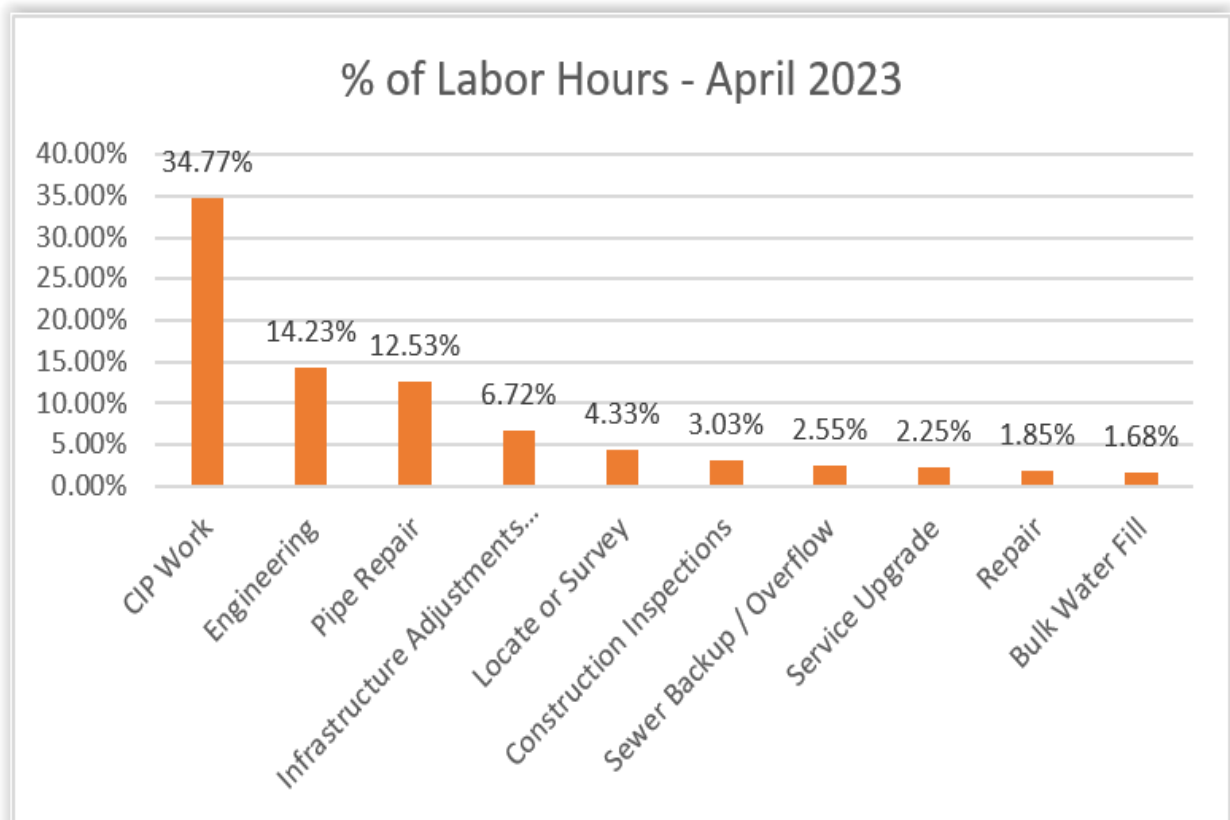
General Service Areas:

- **Central:** Central Water and Sewer, including Treatment, Distribution, and Collection systems
- **Forest:** Forest Water, Forest Sewer, Cedar Rock Sewer
- **Lakes:** Well Systems, SML Treatment and Water Distribution, SMLWTF, Moneta Sewer Treatment and Collection, Mariner’s Landing Water and Sewer
- **Montvale:** Montvale Sewer Treatment and Collection
- **Paradise Point:** Paradise Point Water System
- **Stewartsville:** Stewartsville Water
- **Other:** Labor not assigned to a particular service area such as meetings, Engineering Development, vehicle maintenance and BRWA Offices



Labor Hours by Task Type

Just over 72% of the total labor hours logged in April are represented in the chart below of the top ten types of tasks performed.

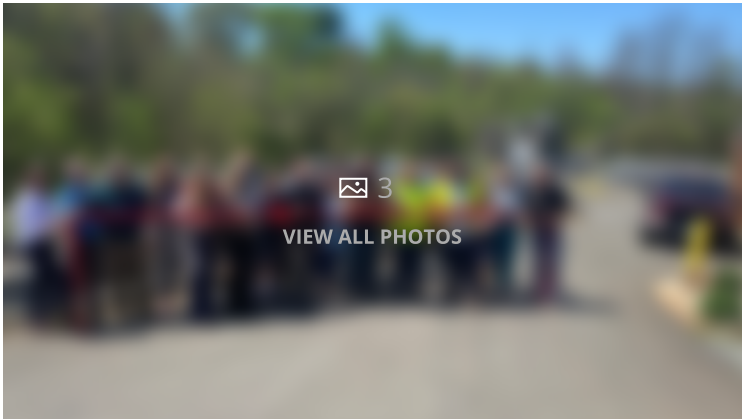


ADMINISTRATION REPORT

Bedford Regional Water Authority reveals new energy savings project

by Mia Nelson

Thu, April 13th 2023, 3:02 PM EDT



BEDFORD, Va. (WSET) — The Bedford Regional Water Authority (BRWA) cut the ribbon on a new energy savings project on Thursday.

Construction began in January 2021 to upgrade systems at the Central Wastewater Treatment Plant.

BRWA and Schneider Electric revealed the project on Thursday at the Central Wastewater Treatment Plant in Bedford.

Megan Pittman, Director of Administration with BRWA, said this project will help increase energy and operational savings as well as increase efficiency.

"It is upgrading so many things at our plant that is able to make us be more efficient. So, not only are we saving money, which then helps our bottom line and helps our customers, but it also makes us be able to operate our plant more efficiently," Pittman said.



The Bedford Regional Water Authority and Schneider Electric cut the ribbon on a new energy savings project on Thursday. (WSET)

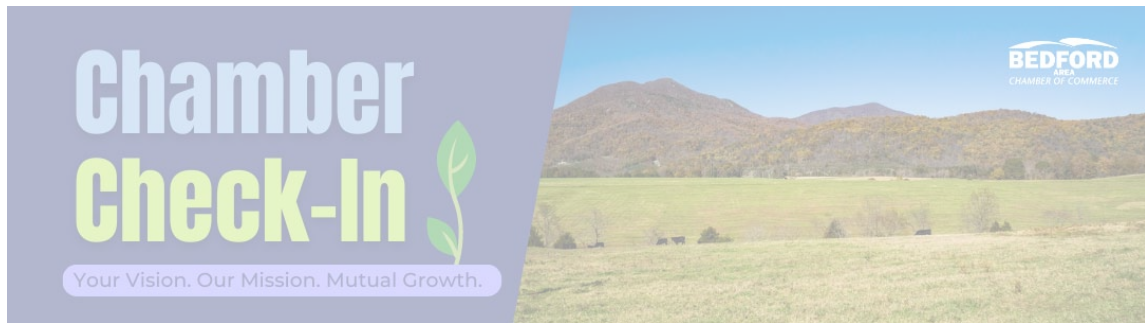
VIDEO: Garage, nearby vehicle catches fire in Madison Heights

According to the BRWA, it will save at least \$217,258 a year in energy and operational costs, and over the next 24 years, it will pay for itself.

Pittman adds that the project will also help them be better stewards of the environment.

Pittman, Megan

From: Bedford Area Chamber of Commerce <marketing@baccva.org>
Sent: Friday, April 14, 2023 12:44 PM
To: HR
Subject: Chamber Check-In



Hello, Chamber Members!

Oddly enough, I don't have much to say today. Just enjoy the Chamber Check-In, and take an extra look at Spring Oak's Grand Opening, happening next week!

Have a safe weekend,

Foster Garrett
Director of Marketing & Events

BUT FIRST, OLD BUSINESS

I promised you photos, didn't I?



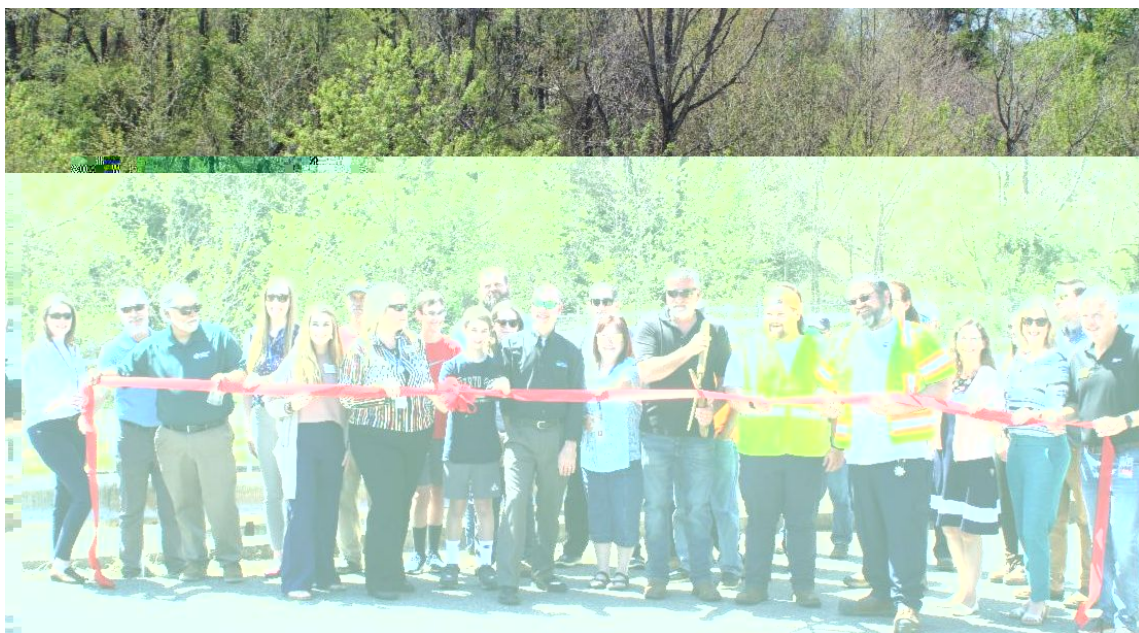
10th Annual Job Fair

I think I said all that I needed to say about the Job Fair last week, but thank you once again to everyone who helped make it happen! I can't wait to make it even bigger and better next year :)

By the way, keep an eye out on our website for more pictures/recaps! The exhibitor booth pictures are wonderful -- I wanted to share them here but there were simply too many! Instead, I hope you enjoy these pics of some of our exhibitors speaking to job seekers and students



Staff Pictured:
Darryl Burks, Safety
Coordinator (left,
orange shirt) and
Melissa Meador,
HR Manager (right,
maroon shirt)



ESCO Project Ribbon Cutting

Yesterday, we held a ribbon cutting ceremony for the completion of Bedford Regional Water Authority's Energy Service Company (ESCO) project. This major project began in 2021, and featured the implementation of six different Energy Conservation Measures at the Central Wastewater Treatment Plant. This project will save the BRWA at least **\$217,258 a year in energy and operational costs**. Yes, the project will pay for itself, while also benefiting the environment and saving the wastewater staff hundreds of hours of labor.





Mike Dorsey, the Solid Waste Division Manager, also gave attendees a tour of the plant and a comprehensive overview of the wastewater treatment process. It was very interesting to learn about how the plant operated before the ESCO project and how radically different each of the 6 major ESCO changes altered its efficiency.

FYI, before the ESCO project, the Central Wastewater Treatment Plant processed around 1.8 million gallons of water a day. That's a lot. After the project? They process around 3.8 million gallons a day. That's more than double!

At the end of the tour, Mike showed us the pay off of all of their hard work: crystal clear water!

Thank you to BRWA for everything you do for our area! It was a joy to celebrate with you all yesterday.

CHAMBER EVENTS

The Chamber is always hosting a myriad of events. Take advantage of your Chamber membership and come on out!

*Click on the images below to go to their event pages!

SPRING OAK RIBBON CUTTING

A VERY GRAND OPENING!

Spring Oak Senior Living recently purchased the Elks Home, & they're celebrating with a grand opening that will last the full day! At 4 PM, the BACC & CVABC will co-host Spring Oak's ribbon cutting.

📅 April 20

🕒 4 PM

📍 931 Ashland Avenue



BEDFORD
AREA
CHAMBER OF COMMERCE

https://www.pmg-va.com/bedford_bulletin/news/two-new-brwa-board-members-sworn-in/article_be2d19ef-892f-5cb1-8291-e8d17501f3b0.html

Two New BRWA Board Members Sworn In

Apr 26, 2023

1:31



f 2



Donald Barger taking his oath on January 11th at the Bedford Courthouse.

Two new board members for the Bedford Regional Water Authority (BRWA) have been sworn in at the Bedford General District Court. The two members appointed by the Bedford County Board of Supervisors are Donald Barger and John Sharp; Donald Barger was appointed on December 12th and took his oath on January 11th and John Sharp was appointed on February 13th and took his oath on February 17th. All members will serve a four-year term with the option to be appointed for a second four-year term.

“We are excited to welcome our new members onto the BRWA board. Both members provide diverse backgrounds and experience that will continue the strong leadership and guidance our board provides for the organization,” said Brian Key, BRWA Executive Director. “It is bittersweet to see long term board members leave; however, these two new members make us excited about the skills and knowledge they will bring.”

About the new members:

Donald Barger is self-employed and runs a franchise of Snap-On to offer productivity solutions for businesses by providing them the tools needed to perform their work. He is a James River High School graduate who lives in Goodview. He says, "I would like to give valuable input on decisions affecting the County and my family's quality of life."

1:31

John Sharp is the current District 4 Supervisor for Bedford County and a project manager with Trax International in Forest. Mr Sharp has been on the Board of Supervisors since 2006 and has been working at Trax for 28 years in various roles. He says, "I want to better the open channels between and Board of Supervisors and the BRWA and share information between the two."

Mr. Sharp and Mr. Barger replace two longstanding board members whose terms ended in December 2022. Walter Siehien and Thomas Segroves have been on the BRWA board since the BRWA was formed in 2013. Both members were recognized at the December 20, 2022 board meeting for their longstanding leadership.



1723 Falling Creek Road
Bedford, VA 24523-3137
(540) 586-7679 (phone)
(540) 586-5805 (fax)
brwa@brwa.com

May XX, 2023

Dear Bedford Regional Water Authority Customers,

The Bedford Regional Water Authority, in partnership with the Western Virginia Water Authority, provides treated drinking water from the Smith Mountain Lake (SML) Water Treatment Facility (WTF) to our customers. This is the primary source of drinking water for customers located at Smith Mountain Lake, while customers in the Town of Bedford and Forest may receive some water from SML that is blended with water from other sources. This drinking water is filtered and disinfected prior to going to our customers, and the water system is in full compliance with all drinking water standards.

As part of a large study by the Virginia Department of Health's unregulated contaminants monitoring program, the treated drinking water from the SML Water Treatment Facility was tested for per- and polyfluoroalkyl substances (PFAS) compounds. One compound, GenX (chemical name: hexafluoropropylene oxide-dimer acid which is frequently abbreviated HFPO-DA) was detected in the amount of 5 parts per trillion (ppt).

In June of 2022, the U.S. Environmental Protection Agency (EPA) proposed Lifetime Drinking Water Health Advisories for four substances in the PFAS chemical family including GenX. The lifetime health advisory for GenX was established at 10 parts per trillion. The EPA explains *"that their lifetime health advisories identify levels to protect all people, including sensitive populations and life stages, from adverse health effects resulting from a lifetime of exposure to these PFAS in drinking water. EPA's lifetime health advisories also take into account other potential sources of exposure to these PFAS beyond drinking water (for example, food, air, consumer products, etc.), which provides an additional layer of protection."*

In March 2023, the U.S. EPA published a proposed national drinking water standard to limit six different PFAS in drinking water which again included GenX. Based upon the review of the proposed rule, it is believed that 10 parts per trillion would effectively become the maximum contaminant level for GenX at the SML Water Treatment Facility.

Although the 5 parts per trillion sample result is below the 10 parts per trillion Lifetime Drinking Water Health Advisory, the Bedford Regional Water Authority and Western Virginia Water Authority want to make you aware of this test data. As part of the water treatment process, the SML Water Treatment Facility uses granular activated carbon (GAC) to remove organics; granular activated carbon is also considered the most viable treatment option to reduce or remove GenX.

The Western Virginia Water Authority and the Department of Environmental Quality (DEQ) have identified the source of the GenX compound as resulting from the activities of ProChem, Inc, a business in Elliston, Virginia. ProChem, Inc. agreed to stop treating the equipment that contained the GenX compound.

The Bedford Regional Water Authority and Western Virginia Water Authority are committed to testing and treatment that will allow the SML WTF to continue to meet all the drinking water standards established by the EPA and deliver a quality product to all customers. If you have any questions, please call 540-586-7679 extension 121 or see the online data at www.brwa.com/pfas.

PROJECTS REPORT

Current Capital and Internal Projects Report

Bedford Regional Water Authority

| | | | |
|---|---------------------------|---|---|
| Job #: 2017050 | Job Type: Water | Service Area: Bedford Central | Last Updated: 5/1/2023 |
| Job Name: Bell Town Road Waterline Extension (ARPA) | | Funding/Budget: \$500,000.00 | |
| | | Funding Source: ARPA - Town | Department Contact: W Quarles & J Dean |
| Engineer: Engineering Concepts | | Design Contract Amt: \$44,465.00 | |
| Contractor: TBD | | Construction Contract Amt: TBD | |
| Description: The City extended the waterline in 2004 (JN 2004-121) and again in 2007 (JN 2007-159) to take care of wells that were impacted by leachate. The next group of homes east of Draper Road would like the service extended to them. | | | |
| Status: The Town has asked for assistance from the BRWA. Design proposal received on 10/18/2021 to be accepted once BRWA receives executed MOU from the Town. Design proposal accepted from Engineering Concepts, Inc. on 12/2/2021. Dsgn 01 rec'd 3/29/22. Dsgn 02 rec'd 5/26/22. Comments submitted 7/7/22. Dsgn 03 rec'd 9/12/22. Comments sent 11/18. Revised Plans rec'd 12/5/2022. VDOT approved on 12/28/2022. Modeling for 6-inch vs. 8-inch requested from WRA on 12/28/2022. Construction Estimate was requested from Annual Contractor on 1/3/2023. Annual Contractor was non-responsive. Advertised for bid on 3/3/23. One bid was received in the amount of \$448,042. The bid was rejected due to contractor qualifications. Second bid opening will be held on May 4th. | | | |
| Job #: 2019061 | Job Type: Internal | Service Area: Central, Lakes | Last Updated: 5/5/2023 |
| Job Name: Energy Performance Study and Improvements | | Funding/Budget: \$5,316,745.00 | |
| | | Funding Source: VRA / CIP | Department Contact: R English / M Ramsey |
| Engineer: Schneider Electric; BRES (3rd Party) | | Design Contract Amt: \$12,600 (BRES) | |
| Contractor: Schneider Electric | | Construction Contract Amt: \$5,316,745 | |
| Description: Evaluation of existing facilities and upgrades that can be made that reduce energy costs to create savings greater than or equal to the cost of upgrade. | | | |
| Status: Meeting held 5/13/19 with Scheider Electric to discuss basic review of possible improvements to the Central WWTP. DMME presented public process on 5/14/19 and provided template documents for the initial process. Schneider reviewed proposed project with the Finance Committee on 9/12/19. Project included in financial study. Board resolution passed in Jan to execute IGA upon verification of procurement processes. Virtual walk-through of Central WWTP on 4/15. Design Intent Document (DID) reviewed with proposed Energy Control Measures (ECMs). VRA funding application submitted. Final DID prepared. Bond paperwork signed 11/5. Board approved contract at 11/2020 Board meeting. Utilities marked by locators for project survey. 90% plans reviewed; 100% drawings and material submittals expected by 4/30/21, with deliveries scheduled to begin in September. BRES (Chris Fewster) assisting with 3rd party review of plans and submittals. Delivery of blowers delayed. As of 9/29/21, all equipment ordered; pumps, office & equipment trailers on site. Due to volume of existing underground utilities, much of electrical and communications lines being routed on sides of basins. Electrical work began 11/9/21. Conduit installation and belt filter press demolition began late November 2021. New belt filter press and conveyor delivered. Conduit installation complete. The belt filter press is installed and operating well. Training on the new press was delayed due to COVID. Blowers are the limiting factor in the supply chain, and the Contract Completion date was extended to 8/31/2022. Blowers received and installed. The blowers received to-date did not come with rain hoods as specified; rain hoods were shipped separately and have been installed for all but last received blowers. Dissolved oxygen probes have been installed and calibrated. Final completion anticipated in November due to delay in receiving zone 4 blowers. Aeration Zone 4 blowers have been installed. Aeration zones 1-3 were pumped down for diffuser replacement. Contractors assisted with cleaning out east anoxic zones 1-3 and operators cleaned out east aeration zone 4. East aeration zones will be back on line the week of 11/7/22. Failed wall in the west aeration basin was removed week of 12/19/22; diffuser installation complete & inspected week of 2/3/23. Electrical corrections for valves addressed; SCADA screens finalized, tested and trained on week of 2/20/23. Punchlist items remain for project completion. Ribbon cutting ceremony held 4/13/23. Change Orders 3 (aeration basin wall demo), 4 (tank cleaning) and 5 (diffuser installation) were executed 4/26/23. | | | |

| | | | |
|---|------------------------|--|--|
| Job #: 2020043.3 | Job Type: Sewer | Service Area: Forest | Last Updated: 4/19/2023 |
| Job Name: Ivy Creek Divisions 5 & 6 Interceptors | | Funding/Budget: \$15,471,092.30 | |
| | | Funding Source: DEQ - VCWRLF | Department Contact: R English \ Ward \ Dade |
| Engineer: CHA / E.C. Pace | | Design Contract Amt: \$1,277,900 | |
| Contractor: E.C. Pace | | Construction Contract Amt: \$13,686,954 | |
| Description: Design and construction of Ivy Creek sewer extension from Lake Vista to Lynchburg; includes temporary capacity measures at Lake Vista Pump Station until project completion. | | | |
| Status: Meeting held 1/11/21 at LVPS to review station for temporary capacity measures needed. SRP application submitted in May for 6/15/21 Planning Commission meeting. DB Team working on plans for temporary capacity increase at LVPS. Comments returned on 30% drawings on 5/24 and reviewed with DB on 5/27. Reviewed temporary LVPS solutions with DB on 8/11/21. Esmts #210012980 & 210012981 recorded 9/8/21. 10/5: Pipe materials difficult to find, significant cost increase. Esmts #210015229, #210015230, #210015231 & #210015232 recorded 10/26/21. 60% drawings rec'd 11/4/21 - Review completed by SWF 11/16/21, with final review by RBE and comments returned on 12/2/21. Esmt #210016351 recorded 11/17/21. Esmt #210016549, #210016550 & 210016569 recorded 11/22/21. Esmt #210018045 recorded 12/22/21. Public hearing to be scheduled to review Environmental Assessment per DEQ. ESMT's #220000674 & 220000675 recorded 1/14/22. #220000834 & #220000835 recorded 1/20/22. Working with Lynchburg on special requirements needed for easements providing benefit to Lynchburg; Lynchburg requiring deed with title search and plats. Continued discussions with 2 property owners for sewer line easements (Green, Johnston). VMRC permit advertised. Dsgn 03 rec'd 2/10/22. Reviewed to Sheet C-316. Stopped review & issued comments thus far on 2/24/22. Outstanding sewer line easements presented to the Board in March; sewer meter access easements to be addressed at a later date if needed. ESMT's #220002973 & 220002974 recorded 3/14/22. ESMT's #220003144 & 220003145 recorded 3/17/22. ESMT #220003779 recorded 3/31/22. All linework easements obtained; access easements pending. 2 line easements to be corrected with Lynchburg as Grantee. Updated construction cost estimate received 5/3/22 reflecting significant price escalations; Dsgn 04 rec'd 6/10/22. Draft construction contract amendment rec'd 7/6/22 and reviewed by legal counsel; presented for approval at August Board meeting. Design plans being finalized. Access easements being obtained, as well as updated and/or widened easements where applicable. Construction Amendment signed 8/19/22. Dsgn 05 rec'd 8/23/22. Dsgn 05 review completed 9/8/22. Awaiting review comments from Lynchburg for final plan updates. 10/20: approximately 4000 LF of pipe is on site; due to environmental restrictions for endangered bat species, tree removal not permitted until 11/15. Due to delay in Lynchburg approvals, clearing to begin around week of 12/12 on Bedford County side. Lynchburg not permitting work until plans have final approvals. 1/6: Clearing underway and several temporary stream crossings installed on Bedford County side. Pay App 1 with stored materials rec'd 1/6/23. ESMT #230000186; 230000187; & 230000188 recorded 1/10/23. ESMT 23000546 recorded 1/26/23. Preconstruction meeting with DEQ on 2/3/23. Surface blasting for easement clearing began late January. Agreement executed 2/8 to allow use of City easements. Meter access easements mailed to Lynchburg for executio on 2/17/23. Preconstruction with Lynchburg held on 2/23/23. RLD permits received from both County and City. Blasting underway. Shop Dwg 01 rec'd 3/21/23. ESMT #230002218 recorded 3/21/23. Shop Dwg 02 rec'd 3/23/23. ESMT #230000188 recorded 4/10/23. | | | |

| | | | |
|---|------------------------|---|---|
| Job #: 2020043.4 | Job Type: Water | Service Area: Bedford Central | Last Updated: 5/5/2023 |
| Job Name: Route 460 Water Pump Station | | Funding/Budget: \$2,300,000.00 | |
| | | Funding Source: CIP | Department Contact: R English \ S Dade |
| Engineer: CHA / E.C. Pace | | Design Contract Amt: \$89,000 | |
| Contractor: E.C. Pace | | Construction Contract Amt: \$2,123,813 | |
| Description: Value engineering design and construction of booster station at the end of East Crest Drive. | | | |
| Status: Preliminary Stage contract for PPEA project executed 12/18/20. Construction Stage contract for this portion of the project anticipated early spring 2021. In 2/2021, Bedford Electric indicated 9 month delay to obtain 3-phase transformer for site; updated delivery expected 6/1/21. Electric agreement executed 5/27. DB removed trees for electric service. VE plans rec'd and submitted to VDH on 8/2; met with DB on 8/11/21 to review. VDH verbally approved 10/5. Contract amendment #1 for construction approved at October Board meeting, along with increased budget from \$2M to \$2.3M. Contract amendment executed 10/25/21. Contractor mobilized to site 12/6/21. Construction has begun. 85% of site pipe work is complete. Foundation floor and foundation lower wall has been installed as of 3/3/2022. Ph 1 (design) paid in full in 1/2022; Ph 2 (construction) pay apps #1-#6 approved total of \$1,040,898.37, plus \$40,400 paid for electric service. Pumps are further delayed until September. Draft Change Order received for time extension until November to allow for pump installation and startup. Pumps are delayed again until late October. SCADA startup meeting held on 9/27 with DR Controls. Electrical and HVAC nearly complete. Pumps arrived and have been installed 11/3/2022. Initial pump startup testing held on 12/6/22. Reverse flow testing held 1/5/23; minor issues found and corrected in programming. Station is substantially complete with local functionality; SCADA screens underway for remote access. Final testing to occur after Rt 122 meter is replaced. Certificate of Occupancy rec'd 3/2/23. Final testing on 4/11/23 could not complete all scenarios due to issues with Rt. 122 meter; punchlist being generated. Final performance testing completed successfully on 5/4/23. | | | |

| | | | |
|---|---------------------------|---|--|
| Job #: 2021004 | Job Type: Internal | Service Area: Central Sewer | Last Updated: 4/20/2023 |
| Job Name: Town & County Sewer Replacement | | Funding/Budget: \$2,000,000.00 | |
| | | Funding Source: ARPA - Town | Department Contact: S Dade & C Ward |
| Engineer: Hurt & Proffitt, Inc. | | Design Contract Amt: \$114,600 | |
| Contractor: Aaron J. Conner General Contractor, Inc. | | Construction Contract Amt: \$1,999,351 | |
| Description: Replacement of approximately 9,000 LF of existing 8-inch sewer line. | | | |
| Status: Esmt's #220003307 & #220003308 recorded 3/22/22. Esmt # 220003778 recorded 3/31/22. Esmt #220004617 recorded 4/21/22. Esmt #220005778 recorded 5/18/22. Esmt #220006243 recorded 5/31/22. Esmt #220007354 recorded 6/29/22. Project was advertised for bid on 7/22/2022. Bid opening will be held on 8/24/2022. Bid awarded to Aaron J. Conner. NTP issued 10/24/2022. VDOT LUP obtained. Pay App #1 received 11/01/2022. Construction began 11/10/22. Pay App 1 & 2 were approved. Construction 17% complete as of 1/3/2023. AJ Connor Bond rec'd 11/9/22. Pay App 3 & 4 were approved. Design changes were made to MH Q due to field constraints. Line from MH Q to MH AA will be reviewed for lining and not replacement due to proximity of existing sewer line to residential structure. Esmt #230003119 recorded 4/20/23. | | | |
| Job #: 2021093 | Job Type: Sewer | Service Area: Forest Central | Last Updated: 2/7/2022 |
| Job Name: Lake Vista Sewer Line Rehabilitation Study | | Funding/Budget: | |
| | | Funding Source: Operating | Department Contact: P Alexander |
| Engineer: BRWA Preventative Maintenance | | Design Contract Amt: | |
| Contractor: | | Construction Contract Amt: | |
| Description: Analysis of 24" and 18" sewer line flowing into LVPS to identify any large sources of I&I and plan for rehabilitation as appropriate to limit peak flows into LVPS. | | | |
| Status: PM Crew to perform condition assessment, CCTV survey, and easement clearing. All manholes and cleanouts have been located. Working on clearing the easements. | | | |
| Job #: 2021103 | Job Type: Sewer | Service Area: Central Sewer | Last Updated: 4/3/2023 |
| Job Name: Central Sewer Pump Station Rehabs (4, 7, & 8) | | Funding/Budget: \$186,000.00 | |
| | | Funding Source: CIP | Department Contact: R Ramsey |
| Engineer: Blue Ridge Engineering & Construction Services | | Design Contract Amt: \$5,000 | |
| Contractor: Annual Contractor | | Construction Contract Amt: TBT | |
| Description: Central Pump Station #7 Replacement as included in CIP by Wastewater Operations. | | | |
| Status: PS #7 to be rehabbed in FY22; PS #7 will be replaced with Smith & Loveless pumps.. PS #4 I&I Evaluation and PS #8 Rehab slated for FY23. PS #4 Rehab slated for FY24. Materials for replacement were ordered from Smith & Loveless and Fairwinds on 6/1. Shop drawings were reviewed and delivery is scheduled for 11/2022. Pump Station package delivered to BRWA office complex on 12/27/2022. Waiting on Construction Cost Estimate from AJ Conner last requested on 12/27/2022. Construction Cost Proposal from AJ Conner was over budget. Wastewater Ops will be requesting quotes from Contractors. | | | |
| Job #: 2021111 | Job Type: Water | Service Area: Bedford Central | Last Updated: 4/7/2023 |
| Job Name: Helm Street Tank Replacement | | Funding/Budget: \$3,391,304.00 | |
| | | Funding Source: ARPA-Town, Escrow | Department Contact: R English |
| Engineer: Whitman, Requardt & Associates (WRA) | | Design Contract Amt: \$218,203 | |
| Contractor: | | Construction Contract Amt: | |
| Description: Replacement of existing deteriorated round tank at Helm Street with a new tank to serve the system. | | | |
| Status: Scoping meeting held with WRA and BRWA on 11/9 to review design options prior to design proposal. On-site meeting held 12/9 with WRA to review field conditions prior to preparing proposal. Proposal received 12/20 and under review to reduce scope where feasible. Scope revisions requested to reduce level of analysis. Revised proposal received 2/14/22 and executed 3/2/2022. Preliminary budget estimate from WRA indicates total project cost of approx. \$3.5M. Kickoff meeting held 4/12. Survey began 5/4; and is complete; soil borings completed 5/9. Meeting held 6/22 to review waterline functions and connectivity on site. Preliminary Design Report and geotech report rec'd 7/26, 2 weeks behind schedule. Comments returned 8/17; revisions rec'd 9/20. Preliminary engineering conference held with VDH and PER approved on 11/1. 60% plans and estimate rec'd 12/21/22 and submitted to VDH (12/21/22) and Town (12/22/22). Current cost estimate of \$3.6M including \$573k contingency. 60% plan comments sent on 2/9/23. BRWA verified pipe depths at 3 locations. ARPA funding redistributed between Town & Country and Helm Street tank. | | | |

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| Job #: 2021135 | Job Type: Water | Service Area: | Last Updated: |
| Job Name: Galax & Gum Street Waterline Replacement | | Funding/Budget: | 5/2/2023 |
| Engineer: | | Funding Source: | Department Contact: |
| Contractor: BRWA CIP | | Design Contract Amt: | C Ward & T Hale |
| Description: | | Construction Contract Amt: | |
| Status: Galax Dsgn approved 8/25/22. Construction began 10/11/22. Gum Street (Paper Street) added to project 11/20/2022 Gum Street from Galax to Peaks under design and working with town on culvert replacement 12/19/2022. Gum Dsgn 01 comments sent to CLW 03/07/2023. Gum Dsgn rec'd 3/8/23. Dsgn 01 appvd 3/9/23. Dsgn 02 rec'd 4/7/23. Dsgn 02 comments sent to CLW 4/10/2023. As-Built (Galax) 01 rec'd 5/2/23. As-Built (galax) comments sent to CLW 5/3/2023. | | | |
| Job #: 2022008 | Job Type: Internal | Service Area: Town of Bedford | Last Updated: |
| Job Name: Town & Country Waterline Replacement | | Funding/Budget: | 12/20/2022 |
| Engineer: Hurt & Proffitt, Inc. | | Funding Source: Setasides - Water | Department Contact: |
| Contractor: | | Design Contract Amt: \$57,700 | C Ward |
| Description: Water line replacement project. | | Construction Contract Amt: | |
| Status: Dsgn 01 rec'd 10/3/22.Plans are in review 12/20/2022 | | | |
| Job #: 2022018 | Job Type: Internal | Service Area: Countywide | Last Updated: |
| Job Name: Lead Compliance Planning & Implementation | | Funding/Budget: \$70,000.00 | 5/5/2023 |
| Engineer: CHA (120 Water as subconsultant) | | Funding Source: CIP & VDH Grant | Department Contact: |
| Contractor: | | Design Contract Amt: | R English \ W Quarles |
| Description: Lead Compliance Regulations (LCR) requires Lead Service Line (LSL) inventory, replacement, and other details for a compliance plan. | | Construction Contract Amt: | |
| Status: Requested information from consultants on scope of assistance they could provide along with anticipated budget. Preliminary information and budgets received from various consultants ranging from \$50k to \$265k for consultant assistance. \$50k proposed in FY22-23 CIP. CHA assisting with grant funding application through DWSRF, LEAP funding application was submitted to VDH on 5/5 for \$60k assistance towards Town LSL Inventory. BRWA listed as a grant recipient; DEQ offer letter received 11/9/22. Preliminary proposal rec'd and scoping meeting held with CHA and 120Water on 12/21/22. Revised proposal rec'd 1/11; comments returned 1/24 & request sent to VDH to use grant toward both County & Town. Awaiting final grant award from VDH. BRWA requested additional funding through existing grant per VDH communication to CHA regarding additional 2022 funding available; awaiting response. VDH initial meeting on 4/11/23 with all funding recipients. Kickoff meeting with CHA held on 4/27/23. GIS data to be provided to consultant. | | | |
| Job #: 2022034 | Job Type: Internal | Service Area: Countywide | Last Updated: |
| Job Name: Capital Improvement Program FY 2023-2024 | | Funding/Budget: | 5/5/2023 |
| Engineer: | | Funding Source: | Department Contact: |
| Contractor: | | Design Contract Amt: | R English |
| Description: Planning for proposed projects and purchases for the 2023-2024 fiscal year. | | Construction Contract Amt: | |
| Status: Department requests due 2/3/23. Requests being compiled for review. Initial cuts made 3/2/23 for FY 23-24 to meet anticipated capital funding availability. FY23-24 CIP presented to Finance Committee 4/5/23. Board approval anticipated at May Board meeting. Draft report to be provided in May Board packet. | | | |
| Job #: 2022056 | Job Type: Internal | Service Area: | Last Updated: |
| Job Name: Peakview Street Waterline Replacement | | Funding/Budget: | 11/29/2022 |
| Engineer: | | Funding Source: | Department Contact: |
| Contractor: | | Design Contract Amt: | C Ward |
| Description: | | Construction Contract Amt: | |
| Status: Under design.10/3/2022 Design complete 11/28/2022 Plans subitted for materials bids 11/29/2022 | | | |

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| Job #: 2022081.1 | Job Type: Feasibility Study | Service Area: Bedford Central | Last Updated: 4/3/2023 |
| Job Name: Stoney Creek Dam Ph 1 - Low Level Drain PER / Design | | Funding/Budget: \$100,000.00 | |
| | | Funding Source: CIP | Department Contact: W Quarles |
| Engineer: Wiley Wilson / Schnabel Engineering | | Design Contract Amt: \$45,840 | |
| Contractor: | | Construction Contract Amt: TBD | |
| Description: Engineering study and design for the most feasible options for repair of the low level drain outlet, and an alternate valving system that may be accessed outside of the dam area. Budget reflects Phase 1 only. | | | |
| Status: Poposal received from Wiley Wilson on 9/6/22 using Schnabel for a preliminary engineering report. Preliminary visit with consultants at dam on 10/13 to review project; boil found at drain basin and investigated by PM crew on 10/17 to be an additional PVC drain pipe under the dam. PER was reviewed and accepted. Option #1 to rehab existing drain valve was selected and included in the FY24 budget. W W is proceeeding with design. | | | |
| Job #: 2023015 | Job Type: Internal | Service Area: Countywide | Last Updated: 3/8/2023 |
| Job Name: Integrated Billing and Asset Dashboard | | Funding/Budget: | |
| | | Funding Source: | Department Contact: R English |
| Engineer: | | Design Contract Amt: | |
| Contractor: | | Construction Contract Amt: | |
| Description: Integration of billing data, asset management data, operational spreadsheets and other data to streamline access to information. | | | |
| Status: Proposal received from Streams Tech 1/2022. Directors met with Burns-McDonnell for presentation on 2/1/23. Project proposed for future CIP; unable to fund in 2023-2024. | | | |
| Job #: 2023017 | Job Type: | Service Area: Central Water | Last Updated: |
| Job Name: Western Hills Subdivision Waterline Replacement | | Funding/Budget: | |
| | | Funding Source: Setasides - Water | Department Contact: W Quarles |
| Engineer: Hurt & Proffitt | | Design Contract Amt: 43,320 | |
| Contractor: | | Construction Contract Amt: | |
| Description: Replace waterlines within the Western Hills Subdivision. | | | |
| Status: Dsgn proposal accepted 3/20/23. | | | |
| Job #: 2023018 | Job Type: | Service Area: | Last Updated: 3/20/2023 |
| Job Name: Western Hills Subdivision Sewerline Replacement | | Funding/Budget: | |
| | | Funding Source: Setasides - Sewer | Department Contact: W Quarles |
| Engineer: Hurt & Proffitt | | Design Contract Amt: \$58,860 | |
| Contractor: | | Construction Contract Amt: | |
| Description: | | | |
| Status: Dsgn proposal accepted 3/20/23. | | | |
| Job #: 2023021 | Job Type: Internal | Service Area: | Last Updated: 5/2/2023 |
| Job Name: Galax Sewer | | Funding/Budget: | |
| | | Funding Source: | Department Contact: C Ward & T Hale |
| Engineer: | | Design Contract Amt: | |
| Contractor: | | Construction Contract Amt: | |
| Description: | | | |
| Status: Dsgn 01 rec'd 4/10/23. Dsgn 02 rec'd 5/2/23. | | | |

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| Job #: 2023022 | Job Type: Internal | Service Area: Central Sewer | Last Updated: |
| Job Name: Central Pump Station 1 & 2 | | Funding/Budget: | 5/1/2023 |
| | | Funding Source: CIP | Department Contact: |
| Engineer: Whitman Requardt Associates | | Design Contract Amt: | W Quarles |
| Contractor: TBD | | Construction Contract Amt: | |
| Description: Replacement of pumps, installation of VFD's, and installation of magmeters at Central Pump Stations 1& 2. | | | |
| Status: A design proposal has been requested from WRA 4/3/23.A Teams meeting was held with WRA on 4/14/2023 to review and discuss the scope of the project. | | | |

Current Engineering Projects

Bedford Regional Water Authority

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| Job #: 2013086.2 | Job Type: Other | Service Area: Central - Bedford | Last updated on: |
| Job Name: Route 43 - Stoney Creek Bridge VDOT Improvement | | | 7/10/2020 |
| Description: VDOT improvements to bridge over Stoney Creek. VDOT project 0043-009-738. VDOT Structure 1010. Near Pump Station 6 and Big Otter River Intake. Affects wells for Central system. See 2013086.1 for Big Otter crossing at Pump Station 6 | | | Department Contact: S Dade |
| Status: Plans received 3/10/17. Relocation of sewer lines as part of the project. Easement documents executed and returned 7/31/17. Plan revision 2 returned for comments on 8/29/17. Final Easement drawing rec'd 10/2/17. Final plans received for review 1/3/18. Executed Agmts mailed to VDOT 2/26/18. Project advertised Spring 2018. Sewer line relocation began 10/18/2018. Construction halted due to stream crossing permit requirements (fish study results). Construction planned to resume June 2019. Construction and testing complete. Working to gather close-out documents | | | |
| Job #: 2019117 | Job Type: Water & Sewer | Service Area: Forest | Last updated on: |
| Job Name: Westyn Village Condotels Phase 2 - Site/Design | | | 3/6/2023 |
| Description: Proposed 1 24 Unit Condotel & 6 36 unit Condotel with a clubhouse. (Plan Name Changed to Westyn Village Ph II). - Changed to Apartments following successful re-zoning. One property - Public Waterline Extension and FFMV. | | | Department Contact: T Hale |
| Status: Site/Design 01 rec'd 12/06/19. Comments & Dev Pkg issued 1/31/20. Site/Design 02 rec'd 4/13/20. Site Plan 02 comments, Esmnt Exhibits 01 comments & Revised Developer Agreement issued 6/1/20. Easement Exhibit submittal 02 rec'd 6/11/20. Exhibit review comments e-mailed to Engineer 8/25/20. Project 'on-hold' pending sewer capacity issues being resolved. Signed Developer Agreement, Review & Inspection Fees rec'd 5/20/21. Site/Design 03 rec'd 6/2/21. Original Site/Dsgn 03 replaced with new revised submittal from planning. Site/Dsgn 03 rec'd 6/8/21. Appv'd by BRWA 6/11/21 for SITE PLAN purposes only & comments issued thru Planning. Still working through outstandign items needed to reach C2C status. 6/14/21 - Completed review of Esmnt Exhibits & E-Mailed Esmnt Agmnts to Developer for signature and return. Water & Sewer Calcs 01 Review comments issued 6/15/21. Esmt #210009164 & 210009165 recorded 6/22/21. Per 7/1/21 E-Mail from Planning - Planning has not yet issued Site Plan approval, Natural Resouces has recinded approval due to E&SC changes. Site/Dsgn 04 rec'd 7/7/21 (need re-review fee 7/7/21). Review completed 7/13/21. Plan is approvable by BRWA for Site Plan purposes only. Awaiting rec'pt of re-review fees before releasing comments. Re-review fees rec'd & Comments released 7/19/21. LOC# 5018577548 rec'd 7/22/21. Shop Drawings 01 rec'd 7/26/21 & approved. Water & Sewer Calcs 02 rec'd 8/4/21 - "No futher comments" issued 8/11/21. A re-zoning application has been submitted to the County proposing re-zoning the property from PCD to R-4. Site/Dsgn 05 rec'd 10/29/21 Re-review fee rec'd 11/4/21. Site/Dsgn 05 comments issued to Planning 11/4/21 - comments can be addressed at pre-con and/or As-Built. Need 3 full size hard copies upon Planning approval. Planning appv'd Site Plan & requisite hard copies rec'd 12/10/21. C2C Issued 12/16/21. A meeting was held with the County, T Bell, and P&O on 9/27/22 as the Developer is requesting service prior to completion of the receiving FMS PS upgrades. Vault Installed 1/13/22. Air vacuum and Manhole vacuum test completed 3/3/22. Waterline pressure test completed 4/7/22. Plug installed in existing manhole on 10/4/22. BOSQC rec'd 3/6/23. | | | |
| Job #: 2020066.2 | Job Type: Sewer | Service Area: Forest | Last updated on: |
| Job Name: FMS Pump Station Upgrades- Prepayment Request | | | 4/7/2023 |
| Description: Prepayment request to complete upgrades to Forest Middle School pump station to allow for current and future growth. Current growth related to Westin Village development. | | | Department Contact: R English |
| Status: Discussions held on 9/23/20 with R Orrison and D Cyrus of process and developer's responsibility for design. Prepayment request approved at October Board Meeting for \$100k less than total construction cost. Surety received; awaiting final contractor and cost information for Prepayment Agreement. Requested schedule update and information from Developer on 9/2/21 to finalize prepayment agreement; prepayment approval expires 10/20/2021. Developer rec'd zoning approvals for Westyn Ph 2 & 3 approvals; prepayment for pump station upgrades re-approved at 11/2021 Board meeting. Awaiting developer to enter construction contract prior to completion of Prepayment Agreement. Contacted D Cyrus on 3/17/22 for an update, no response rec'd. BRES indicated on 5/12/22 that developer is obtaining updated pricing for station. D Cyrus contacted BRWA on 7/6/22; still no contractor selected. Prepayment re-approved in November for \$693,692.. Final draft of Prepayment Agreement sent to Thomas Builders 1/4/23. Construction contract and executed agreement received 3/29/23. | | | |
| Job #: 2020066.3 | Job Type: Sewer | Service Area: Forest | Last updated on: |
| Job Name: Westyn Village Forest Middle School Pump Station Upgrades - Design | | | 11/21/2022 |
| Description: Upgrades to Forest Middle School pump station to allow for current and future growth. Current growth related to Westin Village development. | | | Department Contact: C Ward / S Dade |
| Status: Meeting held on 12/3/20 with P&O to discuss station design. P&O working with Chris Fewster on pump station design. Revised basis of design report given to P&O on 3/1/21 based on increase in proposed development. Design 01 rec'd 3/5/21, comments ret'd 3/29. Surety #5018510461 rec'd 5/17/21. Site/Dsgn 02 rec'd 5/17/21. Deve Agmnt Rec'd 5/20/21; Site/Dsgn 02 Comments issued 5/24/21. CTC application for DEQ received 6/4/21 and submitted to DEQ. Site/Dsgn 03 rec'd 6/8/21. Site/Dsgn 03 comments issued to Planning 6/23/21. Working with BCPS on Easement Agreement. Site plan approved by planning 7/29/21. Hard copies of approved plans rec'd 8/3/21. ESMT #210012251 & Deed of Release #210012252 recorded 8/24/21. BRES working with Falwell and suppliers for equipment quotes; BRES assisting Developer with submittal review. Contacted D Cyrus on 3/17/22 for an update as Phase 2 buildings well underay, no response rec'd. BRES indicated on 5/12/22 that they are obtaining updated pricing for station. Developer indicated on 7/6/22 that large equipment submittals are expected in 2-4 weeks. Shop Dwg 01 rec'd 8/23/22. Shop Dwg CP&P 01 rec'd 8/26/22. Shops Dwg's approved 8/31/22. Signed Revised Developer Agmt rec'd 11/15/22. Surety #FF1031 rec'd 11/18/22. Developer Agmt executed & C2C issued 11/21/22. | | | |

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| Job #: 2020073 | Job Type: Water | Service Area: Forest | Last updated on: 12/6/2022 |
| Job Name: West Crossing Section 4 - Design | | | Department Contact: Shannell Dade |
| Description: Road plan, waterline design and profile for section 4. 19 lots approximately 2900 LF Waterline. | | | |
| Status: Dsgn 01 rec'd via e-mail (pdf) 6/29/20. Hard copy rec'd 7/8/20. Comments issued 8/6/20. Dev Pkg issued 8/6/20. Need Base Fee. Need Review Fees. Need Dev Agmt. Dsgn 02 rec'd 10/22/20. Review 02 complete 11/4/20. Base Review Fee, Review Rees & Re-review Fee for forthcoming 3rd submittal rec'd 11/17/20. Signed Developer Agmt rec'd 11/17/20. Review 02 comments issued 11/17/20. Fire Flow Test fee rec'd 1/26/21. Dsgn 03 rec'd 6/23/21. "DRAFT" comments e-mailed to Engineer 7/2/21 with option to address as slip sheets to current submittal. Water Calcs 01 comments issued 7/19/21. Water Calcs 02 Rec'd 9/25/21 & comments issued 10/5/21. Calc 03 Rec'd 10/10/21. Calc 03 Comments issued 10/18/21. Calc 04 comments issued 10/25/21 - approvable pending matching final Dsgn Plans and Plat. Water model cert rec'd from from Engineer 11/14/21. Plat was app'd by BRWA 7/22/21; Cost Est rec'd 11/15/21 & hard copy Surety forthcoming. Bond #107540706 rec'd 12/6/21. 12/20/21 - Rec'd E-mail from Engineer w/ full set of revised Plans w/ 3 subsequent Rev dates. E-mailed Engineer to officially submit thru Planning (Dsgn Submittal 04) and BRWA Re-Review Fee rq'd. Dsgn 04 rec'd 12/18/21. Review completed 1/11/22 - holding comments until receipt of re-review fees. Re-review fee rec'd 3/28/22. Dsgn 04 comment released. Need 3 hard copies of plans, Insp Fees, Shop Dwgs & Plat recordation. 3 hard copies rec'd. Shop Dwg 01 rec'd 10/31/22. Inspection Fees received on 12/6/2022 (\$5,888.28) & C2C issued. | | | |
| Job #: 2020107 | Job Type: Water & Sewer | Service Area: Forest | Last updated on: 12/22/2022 |
| Job Name: Boonsboro Meadows Section 5 Roadway & Water - Design | | | Department Contact: Cody Ward |
| Description: Proposed Section 5 (Proposed 16 Lots). Consisting of Water and LPFM. Wild Doe Drive | | | |
| Status: Design 01 rec'd 9/28/20. Comments & Dev Pkg issued 10/26/20. Need \$400 Base Fee, Review Fees and Agmt w/ 2nd submittal. Base Review fee rec'd 11/5/20. Design 02 rec'd 10/6/21. Review fee & Signed Developer Agmt rec'd 10/7/21. Dsgn 02 and Water Calcs 02 Review Comments issued 10/15/21. Sewer FM Calcs 01 Comments issued 10/20/21. Re-review fee rec'd 11/22/21 (forthcoming 3rd submittal). Dsgn 03 rec'd 12/15/21. Plan review comments issued to Planning and Engineer notified 12/30/21. Water Calcs Submittal 03 Reviewed and comments issued 1/3/22. Sewer FM Calcs Submittal 02 review complete & comments issued. Dsgn 04 (need \$200.00 re-review fee & Water Calcs 04 rec'd 5/24/22. Re-review Fee rec'd 6/29/22.). Dsgn 05 rec'd 12/22/22. | | | |
| Job #: 2021018 | Job Type: Site Plan w/ Existing Utilities | Service Area: Smith Mountain Lake | Last updated on: 3/21/2023 |
| Job Name: Eastlake Community Church Sport - Site Plan | | | Department Contact: C Slusser |
| Description: Proposed construction of 2 baseball fields and one track and field with associated grading, utilities, landscaping & stormwater management. | | | |
| Status: TRC 2/23/21. Concept 01 rec'd 2/17/21. Comments 01 emailed to Planning & Surveyor 2/22/21. Site Plan 01 rec'd 6/21/21. Comments 01 emailed to Planning 6/25/21. Site Plan 02 rec'd 9/14/21. Comments 02 emailed to Planning 9/21/21. Site Plan 03 rec'd 12/29/22. Comments 03 emailed to Planning 3/21/23. | | | |
| Job #: 2021022 | Job Type: Site Plan w/Proposed Utilities | Service Area: Smith Mountain Lake | Last updated on: 5/5/2023 |
| Job Name: Lot 4 Moneta Business Center Hardee's - Site Plan | | | Department Contact: C Slusser |
| Description: Proposed Hardee's restaurant. | | | |
| Status: TRC 3/9/21. Concept 01 rec'd 3/4/21. Comments 01 emailed to Planning & Surveyor 3/8/21. Site Plan 01 rec'd 4/14/21. Comments 01 emailed to Planning 4/22/21. Site Plan 02 rec'd 7/14/21. Comments 02 emailed to Planning & Dev Pkg emailed to Engineer 8/2/21. Revised Dev Agmt emailed to Engineer 8/12/21. Site Plan 03 forthcoming as of 11/3/21. Site Plan 03 rec'd 11/18/21. Site Plan approvable as of 11/30/21; awaiting Executed Developer Agreement & Review & Inspection Fees before emailing approval to Planning; additional Developer documents will be needed prior to issuing C2C. Per Engineer on 12/14/21, Developer will bid out again & select Contractor in mid to late January. Project still on hold per Engineer due to construction costs - 2/9/22, 3/10/22, 4/18/22 & 8/17/22. Per Engineer on 12/6/22, project will rebid in Spring 2023. Per Engineer, still on hold due to construction costs - 5/5/23. | | | |
| Job #: 2021024 | Job Type: Internal | Service Area: Central | Last updated on: 3/11/2021 |
| Job Name: Big Otter Well Abandonments | | | Department Contact: W Quarles |
| Description: Abandonment of wells formerly used as part of the Central water system, located behind sewer pump station 6 and within the property boundaries of 4920 Peaks Road. | | | |
| Status: Bob met with property owner of 4920 Peaks Rd, Rita Ragland, who requested consideration be made to abandon or maintain the well sites within her property. Information gathered on existing easements for the wells and raw waterlines. | | | |
| Job #: 2021028 | Job Type: Site Plan w/Proposed Utilities | Service Area: Lynchburg | Last updated on: 7/11/2022 |
| Job Name: Rock Pike Baptist Church Addition Phase 1 - Site/Design | | | Department Contact: J Dean |
| Description: Proposed land use for religious assembly and waterline extension. | | | |
| Status: Submitted after TRC, planning request review and written comments. Concept 01 rec'd 3/22/21. Site/dsgn rec'd 7/26/21. Need \$400.00 base review fee. Comments sent to Planning & Consultant was notified on 8/25/2021. Site/dsgn 02 rec'd 9/30/21. Signed developer agreement & partial review fees rec'd (\$600.00 remaining) 10/25/21. Outstanding Review fee of \$600.00 rec'd 11/3/21. Approval Comments sent to Planning & Consultant notified on 11/3/2021. Waiting on Developer items to issue C2C. Esmt #220001298 recorded 2/1/22. New revised signed Developer Agmt rec'd 7/11/22. | | | |

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| Job #: 2021043 | Job Type: Water & Sewer | Service Area: Forest | Last updated on: 3/8/2023 |
| Job Name: Jefferson Village Drive Townhomes - Site/Design | | | Department Contact: J Dean |
| Description: Proposed 9 townhouse buildings creating 56 lots. | | | |
| Status: TRC 4/27/21. Concept 01 rec'd 4/22/21. Site/Dsgn rec'd 11/22/21. Comments sent to planning 12/22/21. FFT fee rec'd 4/14/22. Sewer Calculations rec'd 5/3/22. Site Plan 02 rec'd 5/4/22. Comments sent to planning 6/24/22. Site/Dsgn 03 rec'd 9/22/22; Comments sent to Planning 10/19/22. Site/Dsgn 04 rec'd 1/13/23. Signaute Plat Approved 2/9/2023. Re-Review needed. Re-review fee rec'd 3/8/23. | | | |
| Job #: 2021058 | Job Type: Site Plan w/ Existing Utilities | Service Area: Forest | Last updated on: 11/17/2021 |
| Job Name: Westyn Village Phase 3 - Site Plan | | | Department Contact: |
| Description: Proposed (5) 36 unit extended stay hotels. | | | |
| Status: Site Plan 01 rec'd 6/7/21. Comments issued to Planning & Engineer/Developer notified 6/17/21. A re-zoning application has been submitted to the County proposing re-zoning the property from PCD to R-4. Site Plan 02 rec'd 11/10/21. Comments issued to Planning & Engineer/Developer notified 11/17/21. | | | |
| Job #: 2021065 | Job Type: Sewer | Service Area: Bedford Central | Last updated on: 3/10/2023 |
| Job Name: Central Sewer Modeling | | | Department Contact: W Quarles |
| Description: Development of sewer model for Central sewer service area, with focus on drainage area for Pump Station 1. (Associated with JN 2021049 Governors Hill) | | | |
| Status: Met with WRA 6/30/21 to review needs for model; gathering information requested. BRWA files provided to WRA on 8/3. PS #1 Summary received on 10/13/2021. Field survey completed by developer. WRA to perform model run and provide capacity report by end of July. Technical Memo was received from WRA and guidance requested from DEQ. Per correspondence from DEQ, connections within the Town of Bedford have been limited until further notice. DEQ ARPA SCS Program Funding application was submitted to DEQ requesting approximately \$9.2 million for system improvements and upgrades. DEQ to review applications by March 2023. Peaks of Otter is now receiving sewer billings based on sewer flow from metering as of March 2023. Installation of a permanent flow meter is planned. | | | |
| Job #: 2021099 | Job Type: Fire Flow Meter | Service Area: Central | Last updated on: 10/26/2022 |
| Job Name: Bedford Readiness Center - FFMV | | | Department Contact: T Hale / S Dade |
| Description: Bedford Readiness Center fire service improvements. New FFMV. | | | |
| Status: Corresponding and working with the Timmons Group on FFMV requirements to meter a currently unmetered fire line. 2/4/22 - received e-mail from Timmons stating Plan was out for bids and a contractor had an RFI regarding the FFMV; Responded to Timmons with answer & reminder of outstanding items including a Site Plan for review/approval, Developer Agmnt, Esmnt, etc.. Site/Dsgn 01 rec'd 2/4/22; Comments and Dev Pkg issued 2/10/22. Site/ Dsgn Plan 02 rec'd 2/14/22. Comments issued 2/25/22. Revised Plans & Esmnt Exhibits rec'd 3/4/22. Site/Dsgn 03 rec'd 3/7/22. Developer Agreement rec'd 3/14/22. Site/Dsgn 03 and Esmnt Exhibits 02 Comments issued 3/14/22. Site/Dsgn 04 & Esmnt Exhibits 03 rec'd 3/16/22. Site/Dsgn 05 rec'd 3/23/22. Site/Dsgn 05 approvable. Esmnt Exhibits approved. Site/Dsgn 05 hard copies rec'd 3/31/22. BRWA Esmnt Agmnt format not acceptable to Virginia Department of General Services (DGS); Requested Engineer prepare Esmnt in DGS acceptable format and submit to BRWA for review. E-mailed Engineer 5/3/22 to check on status of outstanding easement, Contractor , Cost Estimate & Shop Drawings. Offsite Esmnt from Town for existing sewerline rec'd and recorded ESMT #220005974 5/24/22. Shop Dwg 01 rec'd 6/13/22. Requested signature authority documentation sent to Virginia Department of General Services (DSG) 7/1/22. Shop Dwg 02 rec'd 8/1/22. Draft Easement Agreement rec'd and in review. Shop DWG 03 rec'd 8/19/22. Shop DWG 04 rec'd 8/25/22. Deed of Esmnt executed by BRWA and mailed to DGS via USPS 8/31/22. FFT Fee rec'd 9/9/22. Shop DWG approved 9/16/22. ESMT #220011364 recorded 10/14/22. C2C issued 10/26/22. | | | |
| Job #: 2021102 | Job Type: Sewer | Service Area: Bedford Central | Last updated on: 10/6/2021 |
| Job Name: Winoa Sewer System Transfer | | | Department Contact: R English |
| Description: Transfer of privately owned sewer lines and pump station serving former Winoa / Wheelabrator facilities and Bison Printing. (Also see 2021032 and 2015016) | | | |
| Status: Contract Operations agreement executed 9/14/21 to offer operational and maintenance assistance until transfer is completed. | | | |
| Job #: 2021114 | Job Type: Internal | Service Area: Countywide | Last updated on: |
| Job Name: Program for Low Water Pressure Customers | | | Department Contact: R English |
| Description: Establishing program or policy for addressing customers with pressures at the water meter that are regularly or intermittently less than 20 psi. | | | |
| Status: | | | |

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|---|--|-----------------------------|---|
| Job #: 2022007 | Job Type: Sewer | Service Area: Moneta | Last updated on: 3/1/2023 |
| Job Name: Mabry Car Wash - Site/Design | | | Department Contact: C Slusser |
| Description: Proposed Car Wash. | | | |
| Status: TRC 1/25/22. Concept 01 rec'd 1/20/22. Comments issued 1/21/22 for TRC on 1/25/22. Site/Dsgn 01 rec'd 11/10/22. Comments 01 & Dev Pkg issued 3/1/23. | | | |
| Job #: 2022014 | Job Type: Site Plan w/ Existing Utilities | Service Area: Forest | Last updated on: 2/10/2023 |
| Job Name: Graves Mill Sports Medicine - Site Plan | | | Department Contact: C Ward |
| Description: Proposed change of use from medical office use to sports medicine business. | | | |
| Status: Site Plan 01 rec'd 1/31/22. Issued comments 1/31/22 - Need to know if any demand increase & developer needs to contact Compliance Coord for any BFP requirements. Per e-mail from Applicant 2/1/22 no proposed increase in water/sewer demand. No further comments - approved 2/1/22. Site Plan 02 rec'd 1/23/23. 2/10/23 No comments - Approved 2/10/23 | | | |
| Job #: 2022026 | Job Type: Other | Service Area: Forest | Last updated on: 11/7/2022 |
| Job Name: TEVA Facility Inquiries (2150 Perrowville Road) | | | Department Contact: R English |
| Description: Bedford County Economic Development Authority (EDA) working with groups for promoting sale or lease of former TEVA / Barr Labs facility at 2150 Perrowville Road. Capacity data and inquiries stored in this file. | | | |
| Status: Meetings attended on 3/8 and 4/5/22 with potential tenants (REC Americas), with information provided to them on existing water and sewer capacity, and potential increased sewer capacity upon upgrade of a ~100 section downstream. REC selected a different site for their development. Responded to property agent's inquiries on 5/21/22 from another potential tenant. BRWA attended meeting with interested tenant on 9/6/22 and responded to water and sewer inquiries. Projected usage information rec'd 10/10/22 projecting 37k to 360k gpd water usage and 37k to 342k gpd sewer flow from the initial to final development phases. Working with WRA to determine ways to increase water capacity at location. Will also schedule flow testing with various valve scenarios to determine if system has a closed valve. | | | |
| Job #: 2022027 | Job Type: Water & Sewer | Service Area: Moneta | Last updated on: 11/10/2022 |
| Job Name: The Village at Smith Mountain Lake - Design | | | Department Contact: S Dade |
| Description: Proposed 8 residential lots and 2 commercial lots. | | | |
| Status: TRC 3/22/22. Concept 01 rec'd 3/9/22. FFT fee rec'd 3/16/22. Dsgn 01 rec'd 5/11/22. Water Calcs 01 rec'd 5/11/22. Sewer Calcs 01 rec'd 5/18/22. Base Review Fee rec'd 6/10/22. Dsgn 01, Water Calcs 01, FMM Calcs 01 & Plat 01 Review comments all issued 6/10/22. Dsgn 02 rec'd 7/7/22. Design 02 comments, water calcs 02 comments, Plat 02 comments and Developer Package issued 8/1/2022. Developer Agmt, Review Fees and Re-Review Fee (fees VOID) rec'd 8/2/22. Re-review, Review & Inspection Fees rec'd 8/11/22. Dsgn 03 & Water Calcs 03 rec'd 8/24/22. Dsgn 03 approvable pending FM Calcs and confirmation of VDOT approval. Water Calcs 03 approved. Comments e-mailed to Planning, Engineer & Developer 9/16/22 with outstanding items list.. Rec'd Cost Estimate. Issued Surety Requirement Amount. Surety #4 rec'd 9/22/22. Shop Dwg 01 rec'd 9/27/22. Dsgn 04 (pump station added) & Sewer Calculations 02 rec'd (Need Extended Re-review Fee) 10/12/22. Extended Re-review Fee rec'd 10/17/22. Dsgn 05 (slip sheet) rec'd 10/24/22. Shop Dwg approved 11/4/22. C2C issues 11/10/22. | | | |
| Job #: 2022033 | Job Type: Fire Flow Meter | Service Area: Forest | Last updated on: 4/19/2023 |
| Job Name: Goodwill Industries Forest - FFMV | | | Department Contact: J Dean |
| Description: Proposed 27,130 sf. Goodwill building | | | |
| Status: TRC 4/12/22. Concept 01 rec'd 4/7/22. Sewer Capacity purchase for existing sewerline was paid for by Riverbend for 2015-081 project. Contacted Riverbend. Site Plan 01 rec'd 7/21/22. Comments sent to Planning 8/11/22. FFT Fees rec'd 9/26/22. Site Plan 02 rec'd 10/5/22. Comments sent to Planning 10/31/2022. Site/Dsgn 03 rec'd 12/14/22. Dev AGMT rec'd 12/19/22. Re-Review Fee rec'd 1/3/23. Site Plan approved, Developer items remaining for C2C 1/6/2023. ESMT #230000773 2/2/2023. Shop Dwg 01 rec'd 3/28/23. Shop Dwg approved 4/19/23. | | | |
| Job #: 2022053 | Job Type: Fire Flow Meter | Service Area: Forest | Last updated on: 1/23/2023 |
| Job Name: Blue Ridge Professional Park - Site Plan | | | Department Contact: C Ward |
| Description: Proposed 4 new buildings & parking. | | | |
| Status: TRC 6/14/22. Concept 01 rec'd 6/7/22. Site Plan 01 rec'd 10/13/22. Comments sent to planning 11/29/22. Site Plan 02 rec'd 1/6/23. Comments sent to planning 1/23/2023 | | | |

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| Job #: 2022080 | Job Type: Sewer | Service Area: Central Sewer | Last updated on: 4/3/2023 |
| Job Name: DEQ ARPA SCS Program | | | Department Contact: W Quarles |
| Description: Route 43 Sewer Replacement - \$49,900 Town and Country Sewer Replacement - \$32,500 Western Hills Sewer Replacement - \$62,700 Central Pump Station #1 and #2 Upgrades - TBD | | | |
| Status: SCS Program - Proposals were accepted with H&P to complete the DEQ applications for Town & Country Sewer Replacement, Route 43 Sewer Replacement, and Western Hills Sewer Replacement. A kickoff meeting has been scheduled for 10/4/2022. DEQ applications were submitted on 12/15/2022 for funding consideration. DEQ to respond March 2023. DEQ awarded one of four requests totaling \$1.2 million for reimbursement of the Town & Country Sewer Replacement project. The funding was accepted by April 5th, 2023 | | | |
| Job #: 2022087 | Job Type: Site Plan w/Proposed Utilities | Service Area: Town of Bedford | Last updated on: 1/20/2023 |
| Job Name: Royal Farms - Site Plan | | | Department Contact: J Dean |
| Description: Proposed automobile service station. | | | |
| Status: Site plan 01 rec'd 10/7/22. FFT Fee rec'd 11/16/22. Comments sent to Town & Consultant 11/18. Site Plan 02 rec'd 1/3/22. Site Plan Approved 1/20/2023. | | | |
| Job #: 2022110 | Job Type: Site Plan w/ Existing Utilities | Service Area: Central | Last updated on: 1/23/2023 |
| Job Name: Independence Blvd at Patriot Lane - Site Plan | | | Department Contact: C Ward |
| Description: Concept plan for proposed Commercial/Assembly Building. | | | |
| Status: TRC 12/19/22. Concept 01 rec'd 12/8/22. Site Plan 01 rec'd 1/23/23. Comments sent to Town 1/23/23 | | | |
| Job #: 2023006 | Job Type: Site Plan w/ Existing Utilities | Service Area: Forest | Last updated on: 2/10/2023 |
| Job Name: Parkland Direct Warehouse Addition - Site Plan | | | Department Contact: C Ward |
| Description: Proposed 3,120 SF Warehouse Addition to the existing 58,568 SF Warehouse/Office. | | | |
| Status: Site Plan 01 rec'd 1/10/23. Comments sent 1/23/23 Site Plan 02 rec'd 2/9/23. Site Plan Approved 2/10/23 | | | |
| Job #: 2023008 | Job Type: Site Plan w/ Existing Utilities | Service Area: Forest | Last updated on: 4/18/2023 |
| Job Name: Pieleck Properties LLC Medical Office Addition - Site Plan | | | Department Contact: T Hale |
| Description: Proposed building addition & parking lot | | | |
| Status: TRC date 1/24/2023. Comments sent to Planning & Consultant 1/24/2023. Site Plan 01 rec'd 4/18/23. Site plan 01 Comments sent to Planning 4/21/2023 | | | |
| Job #: 2023013 | Job Type: Site Plan w/ Existing Utilities | Service Area: Moneta | Last updated on: 2/10/2023 |
| Job Name: Bethlehem United Methodist Preschool Outdoor Environment - Site Plan | | | Department Contact: C Ward |
| Description: Proposed Outdoor Play and Learning Environment for Bethlehem United Methodist Preschool. | | | |
| Status: Site Plan 01 rec'd 2/1/23. Comments sent 2/10/2023 | | | |
| Job #: 2023024 | Job Type: Other | Service Area: | Last updated on: 4/11/2023 |
| Job Name: Stoney Creek Dam Inspection | | | Department Contact: W Quarles |
| Description: 2023 Stoney Creek Dam Inspection | | | |
| Status: A proposal was requested from W W on 3/22/2023 to perform the inspection. Water Ops has scheduled for the site to be mowed prior to inspection the first week of April. Dam inspection was performed on 4/11/2023 with Wiley Wilson and Water Ops. No major issues were noted in the inspection report. | | | |
| Job #: 2023030 | Job Type: Water | Service Area: Forest | Last updated on: 4/11/2023 |
| Job Name: Hooper Road Waterline Extension - Design | | | Department Contact: J Slusser, J dean & T Hale |
| Description: Proposed Waterline Extension to lot 5 | | | |
| Status: Dsgn 01 rec'd 4/7/23. Base Review needed. Base Review Fee rec'd 4/11/23. | | | |

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|--|--------------------------|------------------------------|---|
| Job #: 2023041 | Job Type: Concept | Service Area: Bedford | Last updated on: 5/4/2023 |
| Job Name: Wood Glamping Campground - Concept | | | Department Contact: J Dean |
| Description: TRC 5/9/23. Concept 01 rec'd 5/4/23. | | | |
| Status: | | | |
| Job #: 2023042 | Job Type: Concept | Service Area: Forest | Last updated on: 5/5/2023 |
| Job Name: Kratos Fitness - Concept | | | Department Contact: C Slusser |
| Description: Proposed warehouse improvements. | | | |
| Status: TRC 5/9/23. Concept 01 rec'd 5/5/23. | | | |

Developer Dedications Fiscal Year 2022-2023

| Project | Project Type | Developer | Water | | Sewer | | Date Put Into Service |
|--|-----------------|--|---------------------------------------|------------|---------------------------------------|-------------|-----------------------|
| | | | Project Cost Ledger Acct 1500-1000 | PipeLength | Project Cost Ledger Acct 1700-0016 | Pipe Length | |
| 2022038 BRAAC Elkton Farm Road - FFMV | Fire Flow Meter | St. Vincents Home | \$67,000.00 | 0 lf | \$0.00 | 0 lf | 8/12/2022 |
| 2022021 Key Largo Sewer Forcemain Extension - Design | Sewer | Denali General Contractor Attn: Craig Eastman | \$0.00 | 0 lf | \$89,650.00 | 494 lf | 4/3/2023 |
| 2021083 World Help Building Addition - Site Plan | Fire Flow Meter | World Help, Inc 1148 Corporate Park Drive Forest, Virginia 24551 | \$87,855.00 | 0 lf | \$0.00 | 0 lf | 11/14/2022 |
| 2021042 Vista Drive Warehouse Addition - FFMV | Fire Flow Meter | WC Properties LLC Attn: Todd Winterfeildt 110 Vista Centre Drive Forest, VA 24551 | \$80,700.50 | 0 lf | \$0.00 | 0 lf | 12/7/2022 |
| 2021035 620 Railroad Ave Apartments - Site/Design | Water & Sewer | 620 Railroad LLC & 625 Railroad LLC 1909 Salem Ave, SW Roanoke, VA 24016 | \$55,000.00 | 45 lf | \$5,000.00 | 10 lf | 12/7/2022 |
| 2020095 Boonsboro Meadows Sections 3 & 4 - Design | Water & Sewer | Abbey Glen, LLC P.O. Box 382 Appomattox, VA 24522 | \$151,700.00 | 2119 lf | \$132,240.00 | 1919 lf | 10/21/2022 |
| 2012001 Harmony in Bedford Site 1 - Design | Water & Sewer | B&A Investors LLC | \$180,559.00 | 1075 lf | \$76,659.00 | 1082 lf | 1/31/2023 |
| Total Value Waterline Dedications: | | | | | \$622,814.50 | | |
| Total Length Water Pipe: | | | | | 3239 lf | | |
| Total ValueSewer Line Dedications: | | | | | \$303,549.00 | | |
| Total Length Sewer Pipe: | | | | | 3505 lf | | |
| Total Value of Dedications: | | | | | \$926,363.50 | | |

CAPITAL IMPROVEMENT PROGRAM

Projects Listing

| Line ID | Service Area | Water or Sewer | Project | Funding Source | Project Costs (Budget) | Project Costs (Contracted / Committed) | Spent to Date | Remaining to Spend | Department Requesting | Responsible Manager | Current Status | Current Status Date | Status Notes | Start Date | Completion Date |
|---------|--------------|----------------|---|------------------------|------------------------|--|---------------------|---------------------|-----------------------|---------------------|----------------|---------------------|---|------------|-----------------|
| 1 | Central | Sewer | Energy Saving Project - Central WWTP | Debt Service / Other | \$5,323,054 | \$5,316,745 | \$ 4,931,291 | \$ 391,762 | Wastewater | Mike | In Progress | 5/9/23 | All work for project is completed. Closeout meeting scheduled 5/18 to discuss savings verification. | 8/1/19 | 1/31/23 |
| 1.1 | Central | Sewer | Energy Saving Project - Relocated Blower Fill | | \$0 | \$58,974 | \$ 58,974 | \$ (58,974) | Wastewater | Mike | Complete | 3/13/23 | | | 2/28/23 |
| 1.2 | Central | Sewer | Energy Saving Project - Concrete repairs on pre-air tanks | 2022 | \$20,000 | \$20,000 | | \$ 20,000 | Wastewater | Mike | In Progress | 4/1/23 | Upon emptying basins, concrete repairs were not needed. Budget was used towards tank cleaning. Work complete, waiting on invoice | | |
| 1.3 | Central | Sewer | Energy Saving Project - Wall demolition | | \$0 | \$35,235 | | \$ - | Wastewater | Mike | In Progress | 3/13/23 | Work is complete and a change order has been issued for the total cost. Waiting on final invoice. | | 2/28/23 |
| 2 | Central | Water | Forest to Lakes Permanent Booster Station | Debt Service / Other | \$2,300,000 | \$2,253,213 | \$ 2,086,222 | \$ 213,778 | Engineering | Rhonda | In Progress | 5/5/23 | Final performance testing held on 5/4/23. | 12/18/20 | 2/28/23 |
| 3 | Forest | Sewer | Ivy Creek 5 & 6 Design, Construction & Capacity | Debt Service / Other | \$15,471,092 | \$15,471,092 | \$ 4,932,512 | \$ 10,538,580 | Engineering | Cody | In Progress | 4/6/23 | Blasting underway in preparation of pipe installation. | 12/18/20 | 9/30/24 |
| 4 | Central | Water | Helm Street Tank Replacement | ARPA / Escrow / DEQ | \$3,391,304 | \$218,203 | \$ 160,669 | \$ 3,230,635 | Engineering | Rhonda | In Progress | 5/5/23 | Final design and detailed specifications underway. | 3/2/22 | 10/1/26 |
| 5 | Central | Water | Bell Town Road Waterline Extension | ARPA | \$500,000 | \$44,465 | \$ 38,300 | \$ 461,700 | Engineering | Whitney | In Progress | 5/5/23 | One bid was received and rejected due to contractor qualifications. The project was readvertised for bid and bid opening held on 5/4. One bid was received in the amount of \$264,150.00 by Classic City Mechanical from Winterville, GA with satellite offices in Roanoke and Danville. Bid is under review. | | 10/1/26 |
| 6 | Central | Sewer | Town & Country Subdivision Sewer Replacements | ARPA / DEQ / Setasides | \$2,494,576 | \$2,002,701 | \$ 1,038,682 | \$ 1,455,894 | Engineering | Whitney | In Progress | 5/2/23 | Sewer line has been installed along Roundtree Drive. Services were reestablished along Windy Ridge Drive. Services will be reestablished along Roundtree Drive before moving to Woodhaven Drive. | 10/24/22 | 5/21/23 |
| | | | | | \$29,500,026 | \$25,420,628 | \$13,246,651 | \$16,253,375 | | | | | | | |

FISCAL YEAR CAPITAL IMPROVEMENT PROJECTS

| Line ID | Service Area | Water or Sewer | Project | FYE CIP | Project Costs (Budget) | Project Costs (Contracted / Committed) | Spent to Date | Remaining to Spend | Department Requesting | Responsible Manager | Current Status | Current Status Date | Status Notes | Target Start Date | Target Completion Date |
|---------|--------------|----------------|--|---------|------------------------|--|---------------|--------------------|-----------------------|---------------------|----------------|---------------------|---|-------------------|------------------------|
| 34 | Central WWTP | Sewer | Carport to cover sludge dumpster | 2023 | \$8,000 | | | \$ 8,000 | Wastewater | Mike | Not Started | 4/7/23 | Still working to obtain quotes. | 3/13/23 | 6/30/23 |
| 37 | Lakes | Sewer | Blower system at Moneta pump station 1 | 2023 | \$15,000 | | | \$ 15,000 | Wastewater | Mike | Not Started | 4/6/23 | Still working to obtain quotes. | 3/13/23 | 6/30/23 |
| 38 | Mariners | Sewer | Install bracing on influent basin on Train 1 and 2 | 2023 | \$20,000 | | | \$ 20,000 | Wastewater | Mike | Not Started | 4/6/23 | Still working to obtain quotes. | 3/13/23 | 6/30/23 |
| 40 | Mariners | Sewer | Pump Station 5 SCADA | 2023 | \$10,000 | | | \$ 10,000 | Wastewater | Mike | Not Started | 4/6/23 | Still working to obtain quotes. | 3/13/23 | 6/30/23 |
| 41 | Mariners | Sewer | Pump Station 9 SCADA | 2023 | \$10,000 | | | \$ 10,000 | Wastewater | Mike | Not Started | 4/6/23 | Still working to obtain quotes. | 3/13/23 | 6/30/23 |
| 42 | Mariners | Sewer | Pump Stations pump replacement | 2023 | \$20,000 | | | \$ 20,000 | Wastewater | Mike | Not Started | 4/7/23 | Still working to obtain quotes. | 3/13/23 | 6/30/23 |
| 9 | Central WTP | Water | Central WTP - Upgrade Chemical Feeders (PaCl) | 2022 | \$10,000 | | | \$ 10,000 | Water | William | In progress | 5/4/23 | Discussed fabrication with Control Equipment of a system similar to that at SMLWTF to include a containment area and 2 pump systems. A site visit was scheduled 5/5/23 to review Del-Pac System at Central. Quote will be finalized after site visit. | | 6/30/23 |
| 10 | Central WTP | Water | Central WTP Filter Control SCADA Interface (2) | 2023 | \$35,000 | | | \$ 35,000 | Water | William | In progress | 5/4/23 | Fairwinds provided quote of \$57,500 (with 10% annual inflation rate, if projecting out longer) to do both Filter Control Panels; quote does not include replacement/upgrade of 6 valves (2x Influent, 2x waste, 2x rewash), due to their current state and inability to be actuated. Quote does not include 2 new loss of head sensors, or new conduit needed. | 7/10/23 | |
| 15 | Forest | Water | Fox Runn Booster Station - Structure repairs/replacement | 2023 | \$25,000 | | | \$ 25,000 | Maintenance | Phil | In progress | 4/6/23 | One of three quotes received. First Est \$26,411. Waiting on 2 additional quotes. | 4/3/23 | 5/20/23 |
| 21 | SML (w/ WVA) | Water | Sewer Pump Station 4 Upgrades Ph 1 (EQ) | 2023 | \$20,000 | | | \$ 20,000 | Water | Mike | In Progress | 5/4/23 | Met with Littleton and Safety to review project. Will look into feasibility of utilizing used pumps from recently upgraded FMS PS. | 3/20/23 | 6/30/23 |
| 24 | Various | Water | Lead Service Line (LSL) Inventory | 2023 | \$50,000 | \$10,000 | | \$ 50,000 | Engineering | Rhonda | In Progress | 5/5/23 | Kickoff meeting held with CHA on 4/27; additional meeting to be held with VDH to discuss obtaining grant funds. Some CIP funds to be used until grant funding is in place. | 9/30/22 | 6/1/24 |
| 31 | Central | Sewer | Pump Station 7 Replacement | 2022 | \$186,000 | | \$ 70,039 | \$ 115,961 | Wastewater | Mike | In Progress | 4/7/23 | Bid from term contractor was over budget. Working with Blue Ridge Engineering to develop a written scope so we can send out for quotes. | 4/3/23 | 6/30/23 |

CAPITAL IMPROVEMENT PROGRAM

Projects Listing

| Line ID | Service Area | Water or Sewer | Project | Funding Source | Project Costs (Budget) | Project Costs (Contracted / Committed) | Spent to Date | Remaining to Spend | Department Requesting | Responsible Manager | Current Status | Current Status Date | Status Notes | Start Date | Completion Date |
|---------|----------------|----------------|--|----------------|------------------------|--|---------------|--------------------|-----------------------|-----------------------|----------------|---------------------|--|------------|-----------------|
| 32 | Central | Sewer | Pump Station 7 SCADA | 2023 | \$20,000 | \$27,560 | \$ 24,760 | \$ (4,760) | Wastewater | Mike | In progress | 4/5/23 | Control panel is at central sewer shop. 20 hours (\$2800) still needed for site wiring and commissioning. | 4/3/23 | 6/30/23 |
| 35 | Central WWTP | Sewer | New RAS Pump #1 | 2023 | \$55,000 | \$47,000 | | \$ 55,000 | Wastewater | Mike | In progress | 4/7/23 | New pump was ordered on 3/15/23 with an estimated delivery 28 weeks, estimated \$17,000 to install new pump. Total costs \$47,000. | 2/17/23 | 9/29/23 |
| 39 | Mariners | Sewer | New control panels for both Trains | 2023 | \$25,000 | \$25,000 | | \$ 25,000 | Wastewater | Mike | In progress | 4/7/23 | Fairwinds awarded contract. Estimated time 10 weeks. | 3/16/23 | 5/31/23 |
| 43 | Moneta WWTP | Sewer | New chains on Train 1 BIOWHEELS | 2023 | \$20,000 | | | \$ 20,000 | Wastewater | Mike | In progress | 4/5/23 | Wrong chain size quoted. Still working to obtain new quote. | 4/21/23 | 6/30/23 |
| 45 | Office / Admin | Other | Board Room Modifications | | \$0 | | \$ 16,180 | \$ 3,820 | Director | Brian | In Progress | 3/13/23 | Tables, chairs, monitors, and computer equipment purchased and installed. | 12/20/22 | 4/30/23 |
| 46 | Office / Admin | Other | Mobile Improvements | | \$0 | \$43,000 | \$ 44,290 | \$ 15,710 | Director | Phil | In Progress | 4/6/23 | Painting, deck staining, internet and HVAC are being scheduled for April. Floors will be completed in May. | | 6/30/23 |
| 49 | Office / Admin | Other | Key System - Phase 2A (Various sites) Stoney Creek Reservoir - Ph 1 (PER) & Ph 2 (Repairs/Design) | 2023 | \$20,000 | | \$ 2,910 | \$ 17,090 | InfoSys | Therron | In progress | | Will begin March 16, 2023 - front door of SMLWTP and the drivethru gate at the Main Office | | |
| 7 | Central | Water | | 2023 | \$200,000 | \$45,840 | \$ 27,386 | \$ 172,614 | Engineering | Whitney | In Progress | 3/8/23 | W/JW is proceeding with design. | 9/14/22 | 2/3/23 |
| 11 | Central WTP | Water | Central WTP Flocculators | 2023 | \$65,000 | \$180,040 | | \$ 65,000 | Water | William | In Progress | 5/4/23 | Falwell costs increased since approval issued beyond 30 days from receipt of quote. Equipment increased \$4,600.00, and labor increased \$2,900.00. The lead times are for submittal drawings: 8-10 weeks, and equipment ship dates: +20-26 weeks. | 4/10/23 | 6/30/23 |
| 12 | Central WTP | Water | Central WTP Motor Control Center Replacement | 2023 | \$100,000 | \$30,580 | \$ 21,765 | \$ 78,235 | Water | William | In Progress | 5/8/23 | Reviewed preliminary report with W/JW on 5/5; design proposal being prepared for phased improvements. | 2/13/23 | 6/30/23 |
| 18 | MVS | Water | Mountain View Shores Filter Replacement | 2022 | \$150,000 | | \$ 31,222 | \$ 118,778 | Water | William | In Progress | 5/4/23 | Met with W/JW to review possibilities of getting existing filters out of the building. W/JW recorded all the information and will get back with an assessment plan for the building. | 3/22/2023 | 6/30/23 |
| 19 | Paradise Pt | Water | Paradise Point SCADA | 2022 | \$10,000 | \$17,500 | | \$ 10,000 | Water | William | In Progress | 5/4/23 | Unable to consider complete replacement of the breaker box due to AEP regulations. Fairwinds will replace oldest breakers and install some additional new breakers. Fairwinds is also in the process of building the new control panel. | 3/20/23 | 6/30/23 |
| 22 | SML (w/ WVWA) | Water | SMLWTF GAC Pump and associated parts | 2023 | \$25,000 | | | \$ 25,000 | Water | William | In Progress | 5/4/23 | Wood Equipment provided quotes for 2 pump size options; smaller Option 1 was ~\$12k and larger Option 2 was ~\$16k. Installation quote received from Littleton; awaiting quotes from Falwell, W/GK, and Anderson. | | 6/30/23 |
| 23 | SML (w/ WVWA) | Water | SMLWTP - Add Security System to Fire Alarm System | 2023 | \$10,000 | | | \$ 10,000 | Water | William | In Progress | 5/4/23 | Initial quote received from ADT on 4/18/23. We are still awaiting quotes from IST and Mid-Atlantic Entry. Project is now being done in conjunction with Safety. | 7/10/23 | |
| 44 | Office / Admin | Other | Website Design | 2022 | \$65,000 | | \$ 67,460 | \$ (2,460) | Admin | Megan Dalton/ William | In Progress | | Final comments sent to Planetaria about intranet. | 9/1/21 | 6/1/23 |
| 8 | Central WTP | Water | Central WTP - Install Security Alarm and Fire Alarm Systems | 2023 | \$20,000 | \$0 | | \$ 20,000 | Water | William | Complete* | 5/4/23 | *Project will not be completed for FY23; funds to be used for flocculator project. | | |
| 16 | Forest | Water | New London Tank Standby Generator | 2023 | \$6,000 | \$0 | | \$ 6,000 | Water | William | Complete* | 5/4/23 | *Project will not be completed for FY23; funds to be used for flocculator project. | | |
| 20 | SML (w/ WVWA) | Water | Raw Water Intake Standby Generator | 2023 | \$50,000 | \$0 | | \$ 50,000 | Water | William | Complete* | 5/4/23 | *Project will not be completed for FY23; funds to be used for flocculator project. | | |
| 25 | Various | Water | SCADA Hatch Intrusion Switches for Water Tanks | 2023 | \$25,000 | \$0 | | \$ 25,000 | Water | William | Complete* | 5/3/23 | *Project will not be completed for FY23; funds to be used for flocculator project. Hatch intrusion will be incorporated into the new Helm Street tank; measures for other tanks are slated for funding in a future CIP | 3/15/23 | |
| 26 | Central | Sewer | Pump Station 1 - Replacement Pump #1 | 2022 | \$45,000 | | | \$ 45,000 | Wastewater | Mike | Complete* | 3/6/23 | Amount insufficient to cover pump and installation due to pricing increase; will include BRWA's shared portion in 2023-2024 CIP. | | |
| 27 | Central | Sewer | Pump Station 1 - Soft starts and new control panel | 2022 | \$50,000 | | | \$ 50,000 | Wastewater | Mike | Complete* | 3/6/23 | To be completed in conjunction with pump replacements; BRWA's shared portion to be included in 2023-2024 CIP. | | |
| 28 | Central | Sewer | Pump Station 2 - Replacement Pump #1 | 2022 | \$45,000 | | | \$ 45,000 | Wastewater | Mike | Complete* | 3/6/23 | Amount insufficient to cover pump and installation due to pricing increase; will include BRWA's shared portion in 2023-2024 CIP. | | |
| 29 | Central | Sewer | Pump Station 3 - Replacement Pump #1 | 2022 | \$45,000 | | | \$ 45,000 | Wastewater | Mike | Complete* | 3/6/23 | Amount insufficient to cover pump and installation due to pricing increase; will include BRWA's shared portion in 2023-2024 CIP. | | |
| 33 | Central | Sewer | Pump Stations 1, 2, 3 - Security Cameras | 2022 | \$5,000 | | | \$ 5,000 | Wastewater | Mike | Complete* | 3/6/23 | On hold | | |
| 36 | Central WWTP | Sewer | Replace railings and chains on primary basin #1 | 2023 | \$20,000 | \$27,422 | \$ 27,422 | \$ (7,422) | Wastewater | Mike | Complete* | 4/24/23 | Completed on 4/24/23. | 3/30/23 | 4/14/23 |
| 57 | Office / Admin | Other | Leak Detection Equipment | 2022 | \$30,000 | \$0 | \$ - | \$ 30,000 | Water | William | Complete* | 5/4/23 | *This equipment is not needed. However, funds will be used to purchase third flocculator motor. | | 2/8/23 |

CAPITAL IMPROVEMENT PROGRAM

Projects Listing

| Line ID | Service Area | Water or Sewer | Project | Funding Source | Project Costs (Budget) | Project Costs (Contracted / Committed) | Spent to Date | Remaining to Spend | Department Requesting | Responsible Manager | Current Status | Current Status Date | Status Notes | Start Date | Completion Date |
|---------|------------------------|----------------|--|--------------------|------------------------|--|--------------------|---------------------|-----------------------|---------------------|----------------|---------------------|--|------------|-----------------|
| 13 | Central WTP | Water | Central WTP Replacement Turbidimeters (4) | 2023 | \$20,000 | \$20,000 | \$ 15,564 | \$ 4,436 | Water | William | Complete | 5/4/23 | Project has been fully completed. | 10/18/22 | 10/31/22 |
| 14 | Central WTP | Water | Central WTP Streaming Current Monitor | 2023 | \$15,000 | | \$ 14,460 | \$ 540 | Water | William | Complete | 5/4/23 | Remaining funds used to connect the Streaming Current Monitor to SCADA, which was integral to this project. Fairwinds Automation completed this work on 4/24/23 for \$1500.00. Project is now fully completed. | | 12/1/23 |
| 17 | Lakes | Water | Bridgewater Bay Pressure Reducing Valve (PRV) | 2022 | \$65,000 | | \$ 70,279 | \$ (5,279) | Engineering | Whitney | Complete | 11/2/22 | Vault installed and online as of 8/2/22; final costs updated. | | 11/2/22 |
| 30 | Central Office / Admin | Sewer | Pump Station 3 Bank Restoration and armoring | 2023 | \$40,000 | \$4,900 | \$ 4,900 | \$ 35,100 | Wastewater | Phillip | Complete | 5/5/23 | Project was completed on 5/3/2023. Final invoice approved on 5/5/2023. | 4/3/23 | 4/29/23 |
| 47 | Office / Admin | Other | Fireproof Safe | 2023 | \$5,500 | | \$ 4,007 | \$ 1,493 | Engineering | Whitney | Complete | 10/3/22 | Delivered in October 2022; complete. | | 10/3/22 |
| 48 | Office / Admin | Other | Key System - Phase 1A & 1B (Office Complex) | 2022 | \$100,000 | | \$ 100,000 | \$ - | InfoSys | Therron | Complete | 2/10/23 | Interior doors in Admin and Annex complete. | | 2/10/23 |
| 50 | Office / Admin | Other | Administration Offices - New Gate | 2022 | \$28,000 | | \$ 37,700 | \$ (9,700) | Maintenance | Tom | Complete | 10/26/22 | Increased cost due to getting a hydraulic operator, which is better suited for the high usage. | | 10/26/22 |
| 51 | Office / Admin | Other | DODGE RAM 5500 with dump bed | 2023 | \$90,000 | | \$ 88,549 | \$ 1,451 | Maintenance | Phil | Complete | 11/30/22 | Truck delivered November 20, 2022 | | 11/20/22 |
| 52 | Office / Admin | Other | Dump Truck (single Axle) | 2022 | \$120,000 | | \$ 86,449 | \$ 33,551 | Maintenance | Phil | Complete | 10/27/22 | Truck delivered October 27, 2022 | | 10/27/22 |
| 53 | Office / Admin | Other | John Deere Skid Steer | 2023 | \$90,000 | | \$ 92,554 | \$ (2,554) | Maintenance | Phil | Complete | 1/12/23 | Equipment purchased; awaiting delivery mid-December 2022. | | 12/31/22 |
| 54 | Office / Admin | Other | New FM Employee - Tools for new vehicle | 2022 | \$15,000 | \$7,500 | \$ 7,408 | \$ 7,592 | Maintenance | Phil | Complete | 4/7/23 | All tools have been purchased as of 4-7-2023. | 11/3/23 | 5/1/23 |
| 55 | Office / Admin | Other | New FM Employee-Dodge RAM 2500 Skid Steer Attachment - Sewer Easement Clearing | 2022 | \$52,000 | | \$ 59,560 | \$ (7,560) | Maintenance | Phil | Complete | 1/13/23 | Truck cost \$57,473, add \$2087 for bedliner, mats, running boards etc | | 1/13/23 |
| 56 | Office / Admin | Other | SCADA Server Architecture Reliability Enhancements | 2022 | \$20,000 | | \$ 36,083 | \$ (16,083) | Maintenance | Phil | Complete | 1/12/23 | Item approved and delivered, waiting for the invoice. | | 1/12/23 |
| 58 | Various | Other | | 2023 | \$78,000 | \$78,000 | \$ 77,000 | \$ 1,000 | Operations | Rhonda | Complete | 3/8/23 | Final phase completed 3/8/23. | 10/3/22 | 4/1/23 |
| | | | | \$2,253,500 | \$2,253,500 | \$564,342 | \$1,027,946 | \$ 1,305,554 | | | | | | | |



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www.brwa.com

RESOLUTION MEMORANDUM

To: BRWA Board of Directors
From: Jill W. Underwood, Director of Finance
Date: May 9, 2023
Re: Resolution 2023-05.04: FY 2023-2024 Capital Improvement Projects ("CIP")

Attached for your consideration is the above referenced resolution. The Finance Committee reviewed the FY 2023-2024 CIP Budget, which includes both internal purchases and projects, at a meeting held on April 5, 2023; if the board concurs with the list of projects, the Committee stated that they are prepared to make a motion to approve this resolution for the approval of the CIP budget.

| Projects by Service Area | Fiscal Year Ending: 2024 |
|---|-----------------------------|
| Central | |
| Operational Needs | |
| Sewer Flow Meter - Bedford Weaving | |
| Installation of a flow metering station at public connection point to capture all flow for billing. Existing meter is private with accuracy concerns. | \$ 25,000.00 |
| Central Pump Station 1 - Replacement Pumps/Motors | |
| 3 pumps are >20 years old. Will reduce overflows. Shared costs with Town & County | \$ 110,000.00 |
| Central Pump Station 2 - Replacement Pumps/Motors | |
| 3 pumps are >20 years old. Will reduce overflows. Shared costs with Town & County | \$ 110,000.00 |
| Central WTP | |
| Operational Needs | |
| Re-piping Domestic Pump to Hydropneumatic Tank | |
| Current piping is corroded and has the potential to fail. | \$ 40,000.00 |
| Hoist system for moving pumps - Currently out of service | |
| Bolts are missing and deemed unsafe by Safety. Needs to be repaired. | \$ 55,000.00 |
| Office | |
| Office Improvements | |
| Bulletproof Glass & Front Desk modifications | |
| Bulletproof modifications for the front desk to address safety and security of employees. | \$ 120,000.00 |
| Purchases | |
| Personnel | |
| Maintenance Coordinator Ram 1500 | |
| The new maintenance coordinator will need a truck to drive to job sites, flag work areas, follow-up on prior jobs and assist maintenance crews. | \$ 46,000.00 |
| SML | |
| SML WTF (shared portion) | |
| GAC Heated Building | |
| The building allows to run GAC year round. PFAS protection | \$ 200,000.00 |
| Grand Total | \$ 706,000.00 |



CAPITAL IMPROVEMENT PROGRAM

FY 2023-24

Table of Contents



Mission Statement

The Bedford Regional Water Authority exists to provide its customers with high quality water and wastewater services at rates that are reasonable and just. The Authority shall anticipate the needs of the greater community by continually maintaining responsive, reliable service and through systematic expansion whenever economically possible.



| | |
|---|-------|
| ➤ Our History | 3 |
| ➤ Meet Our Board of Directors | 4 |
| ➤ Our Organization | 5 |
| ➤ Our Water System | 6 |
| ➤ Our Wastewater System | 7 |
| ➤ Capital Improvement Program Executive Summary | 8 |
| ➤ Capital Improvement Program Projects Listing FY24-FY26 | 9-10 |
| ➤ Capital Improvement Program – Costs By Service Area | 11 |
| ➤ Projects with Outside Funding | 12 |
| ➤ FY 2023-2024 Capital Improvements | 14-18 |
| ➤ Central Water Treatment Plant Projects | 15 |
| ➤ Central Sewer Projects | 16 |
| ➤ Office Improvement Projects | 17 |
| ➤ Lakes Water Projects | 18 |
| ➤ Water Projects | 19-21 |
| ➤ Smith Mountain Lake Water Treatment Facilities Projects | 22 |
| ➤ Sewer Projects | 23-25 |
| ➤ Capital Purchases | 26-27 |
| ➤ Replacement and Rehabilitation Projects | 28 |
| ➤ Capital Improvement Program Priority Ranking | 29-35 |
| ➤ Future Capital Improvement Project Maps | 36 |
| ➤ Central WTP Booster Station & | |
| ➤ Service Line Replacements | 37 |
| ➤ Everett Road Waterline Loop | 38 |
| ➤ Goode Waterline Loop | 39 |
| ➤ Cottontown Road Waterline Loop | 40 |
| ➤ Stewartsville-West Waterline Loop | 41 |
| ➤ White House Road Waterline Loop | 42 |
| ➤ Goodview Waterline – SML to Sycamore Ridge | 43 |
| ➤ Stewartsville Sewer | 44 |
| ➤ Smith Mountain Lake – Phase 5 Waterline | 45 |

Our History

The Bedford Regional Water Authority (“Authority”) was created pursuant to the Water and Sewer Authorities Act Chapter 28, Title 15.1 code of Virginia of 1950, as amended. In accordance with the Reversion Agreement executed in August, 2012, the Authority was created by the Bedford County Board of Supervisors (“Supervisors”) by resolution dated November 14, 2012 and the Bedford City Council (“Council”) by resolution dated November 27, 2012.

Three of the initial members were appointed by the Supervisors on November 14, 2012, and three of the initial members were appointed by the Council on December 11, 2012. The State Corporation Commission approved the Articles of Incorporation on December 13, 2012. The first board meeting was held on December 18, 2012. The seventh board member was interviewed and recommended to the Supervisors and Council by the initial six board members at the January 22, 2013 board meeting. The seventh board member was approved by the governing bodies and sworn in prior to the February 26, 2013 board meeting.

Vision Statement:

The Authority strives to provide quality, responsive, reliable, and efficient services utilizing the latest technology and highly trained staff. Through leadership, the Authority endeavors to maintain a work environment that attracts and retains professional, highly competent, motivated, and dedicated employees.



Meet Our Board of Directors



Robert Flynn, Chair
Term: 2020-2023



Jay Gray, Vice-Chair & Finance Committee
Term: 2021-2024



Michael Moldenhauer, Personnel Committee
Term: 2020-2023



Donald Barger, Policies and Projects Committee
Term: 2023-2027



Kevin Mele, Finance Committee
Term: 2021-2024



John Sharp, Personnel Committee
Term: 2023-2027



Rusty Mansel, Policies and Projects Committee
Term: 2021-2024



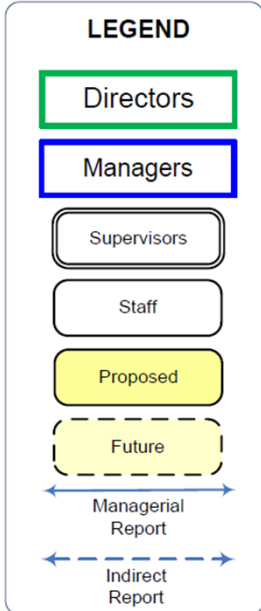
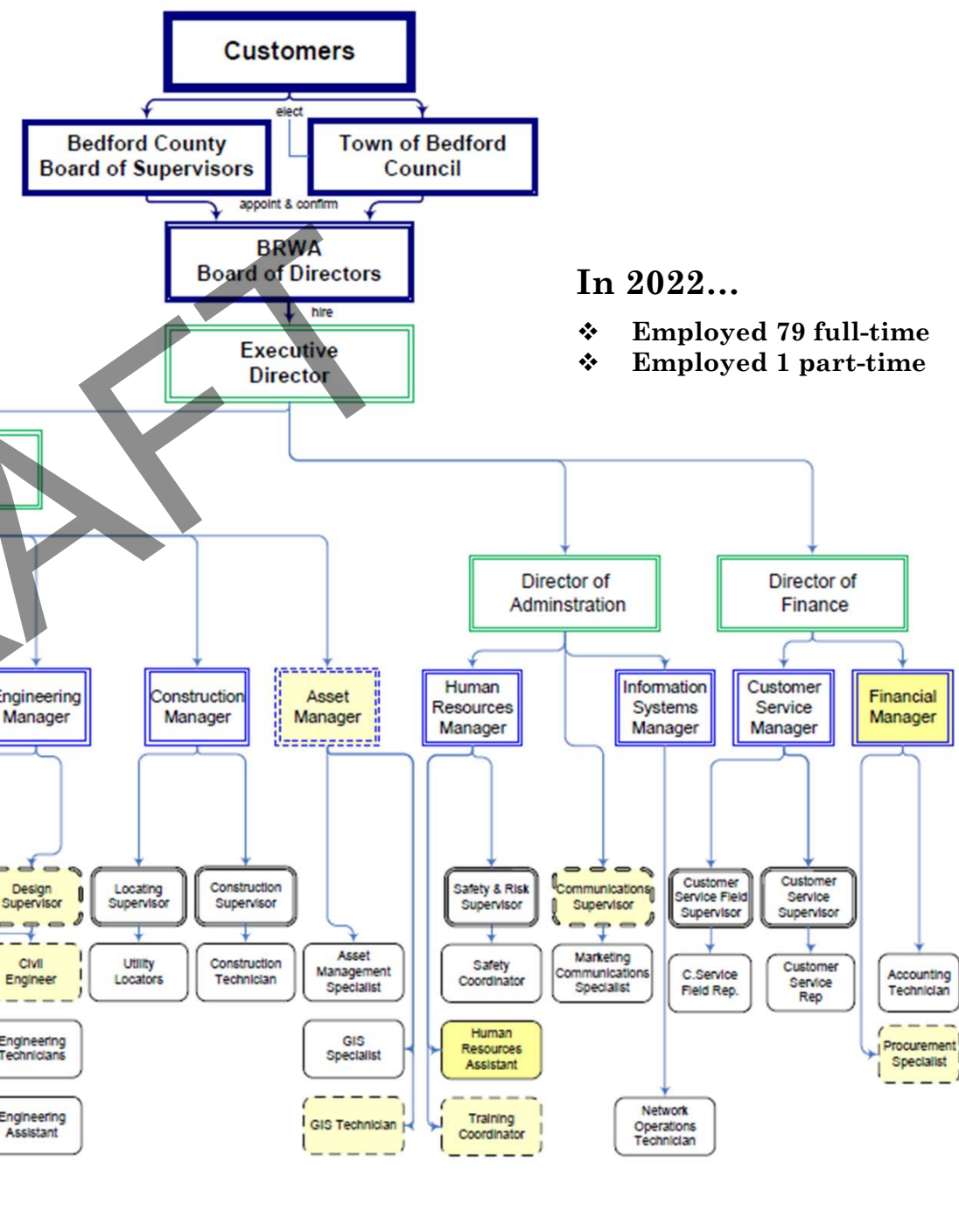
Our Organization



Brian M. Key, P.E.
Executive Director



Rhonda B. English, P.E.
Deputy Director



Our Water System



In 2021-2022...

- ❖ Had 5 Water Treatment Plants
- ❖ Had 15 Water Storage Tanks
- ❖ Had 2 Water Pump Stations
- ❖ Produced 1.3 Billion Gallons
- ❖ Had 431 Miles of Water Line
- ❖ Had 14,448 Total Water Connections
- ❖ Added 133 new water connections



Water Distribution Service Areas:

1. Bedford Central: The Authority provides water to the area inside and around the Town of Bedford through the Mountain Water Drive Treatment Plant. The plant uses a surface water reservoir located at the foothills of the Peaks of Otter. The Water Treatment Plant (“WTP”) is rated at approximately 3.0 million gallons per day (“MGD”). The Town also receives water from the Smith Mountain Lake Water Treatment Facility.

2. Forest Central: The Authority provides water to the Forest, New London, and Boonsboro areas of the County from the Smith Mountain Lake Water Treatment Facility and through purchasing water from the City of Lynchburg; the Authority then sends this water through the Authority’s distribution system. Water is treated by Lynchburg from the James River and the Pedlar Reservoir. While there is a minimum purchase requirement of 1 MGD, there is not currently a contract limit to the capacity of the water purchased from Lynchburg, and the City of Lynchburg WTPs are rated at a capacity of 26 MGD.

3. Lakes: Jointly owned with Western Virginia Water Authority, the Smith Mountain Lake Water Treatment Facility uses membrane technology to treat water that is withdrawn from Smith Mountain Lake (SML). This water provides the majority of the water for the Lakes Central system around the SML area while also providing water for Franklin County, the Town of Bedford, and Forest. The SMLWTF is rated at 4.0 MGD, and it can easily be expanded to 6.0 MGD. The Authority also owns three (3) independent water systems that use wells as the source and are located in the Mountain View Shores, Valley Mills Crossing, and Paradise Point subdivisions.

4. Stewartsville: The Authority owns a water system in the Stewartsville area where water is purchased from the Western Virginia Water Authority (“WVWA”) and then distributed by the Authority. There is no contract limit to capacity of water purchased from the WVWA.

Our Wastewater System

In 2021-2022...

Wastewater Collection Service Areas:

1. Bedford Central: The Authority provides sewer service inside and around the Town of Bedford using a Wastewater Treatment Plant (“WWTP”) located on Orange Street in Bedford. The Central WWTP is rated at 2.0 million gallons a day (“MGD”).

2. Forest Central: The Authority provides sewer service to the Forest and New London areas of the County by collecting the wastewater and transmitting it to the Lynchburg Regional WWTP for treatment. The Authority owns 1.0 MGD capacity in the Lynchburg WWTP.

3. Lakes Central: The Authority owns a WWTP in Moneta which provides sewer service to the Lakes community around the 122 corridor. The WWTP is rated at 0.5 MGD.

4. Montvale: The Montvale WWTP is located behind the Elementary school. It is rated at 0.05 MGD and provides service to the Montvale Elementary School, the Montvale Library, the Montvale Center for Business, and the central Montvale community.

- ❖ Had 5 wastewater treatment plants
- ❖ Had 32 sewer pump stations
- ❖ Treated 647 million gallons

- ❖ Had 157 miles of sewer line
- ❖ Had 5,554 total sewer connections
- ❖ Added 137 new sewer connections



Capital Improvement Program Executive Summary

The Bedford Regional Water Authority's Capital Improvement Program (CIP) is intended to ensure that capital improvements are coordinated, timed to maximize the Authority's financial resources, and promote a measured approach to long range asset planning. The Capital Improvement Program is a planning document intended to provide an analysis of potential long-range funding needs, specifically addressing the upcoming two to three years in combination with fiscal expectations. Actual appropriations for projects occurring under the plan are made on an annual basis, and the CIP is reviewed annually to address changes in priorities and any funding issues or opportunities. Projects projected beyond FY 2023-2024 will be reviewed during the annual budget process for the given fiscal year and may be revised or rescheduled depending on preliminary cost estimates, changing priorities and the availability of funding in any particular year. Priority criteria will be utilized to further identify project and purchase priorities in coming fiscal years as funding becomes available.

The Authority serves more than 15,500 customers, with more than 430 miles of water lines and 160 miles of sewer lines. Water and sewer services require extensive capital investment to maintain and periodically upgrade deteriorating infrastructure to support continued service to customers and allow for system growth. Some of the considerations in determining necessary projects and purchases include:

- Purchasing and upgrades of equipment to achieve efficient and reliable operations
- System improvements to address growing demand, potential operational savings, and other operational efficiencies
- Gravity sewer extension to reduce operational costs and support continued growth in the Forest service area
- General maintenance and aged equipment replacements
- Safety and security of facilities and personnel
- Regulatory requirements

The Bedford Regional Water Authority has identified over \$60 million in capital improvement projects that are needed in its water and sewer systems, not including a large number of water and sewer replacement projects to be managed through separate set-aside funding or larger projects underway with alternate funding sources. Some of these investments are crucial to supporting continued service to customers and allow system growth. Other projects provide for the long-term reduction in operating costs, reduced manpower requirements for repairs, proactive replacements and upgrades, and more dependable and reliable service to the customers.

Proposed projects and purchases for the coming fiscal year are based on expected available capital funds as projected in the Fiscal Year Operating Budget. Future years take into consideration funds to be used for debt service projects and increased replacement set-asides. As debt service will increase in FY 2024-2025 with the completion of the Ivy Creek Interceptor project, funding of the capital projects proposed will require rate increases if outside assistance cannot be obtained.



Capital Improvement Program Projects Listing FY24-26



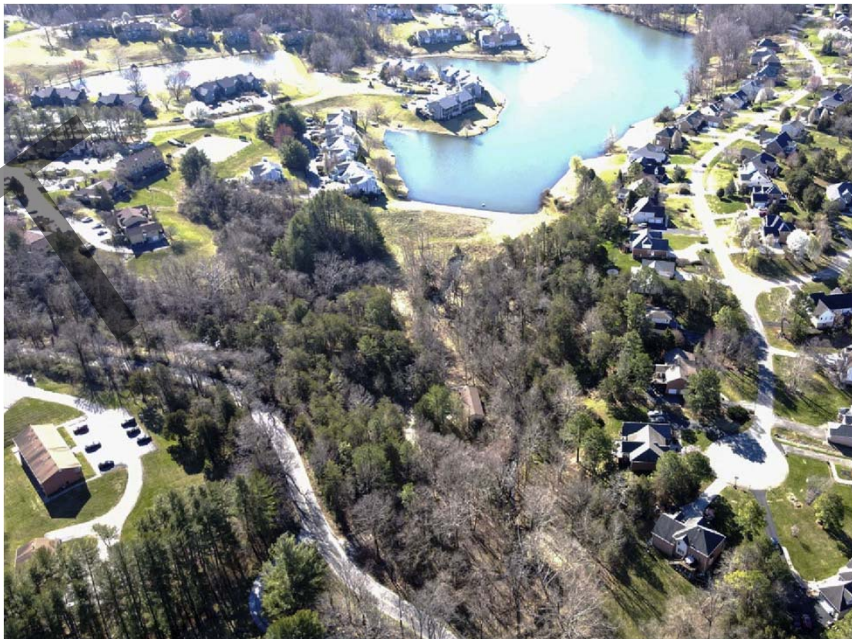
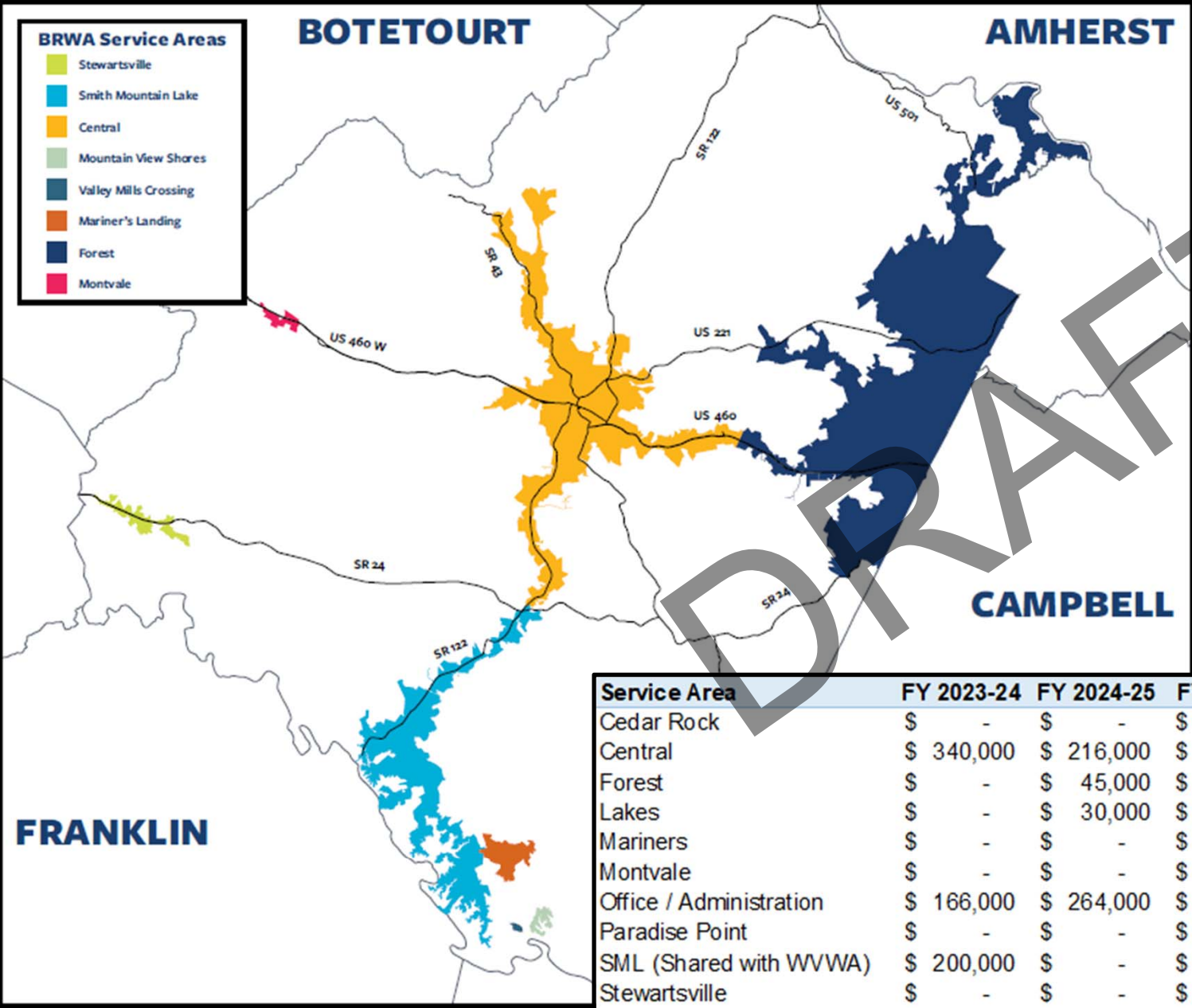
| Projects by Service Area | Fiscal Year Ending: | | |
|--|---------------------|---------------|-----------------|
| | 2024 | 2025 | 2026 |
| Central | \$ 245,000.00 | \$ 124,000.00 | \$ 1,145,000.00 |
| Operational Needs | \$ 245,000.00 | \$ 124,000.00 | \$ 895,000.00 |
| Stoney Creek Reservoir - Ph 2.B (Cleaning/Design) | | \$ 124,000.00 | |
| Stoney Creek Reservoir - Ph 3 (Rehab Construction) | | | \$ 845,000.00 |
| Sewer Flow Meter - Bedford Weaving | \$ 25,000.00 | | |
| Central Pump Station 1 - Replacement Pumps/Motors | \$ 110,000.00 | | |
| Central Pump Station 2 - Replacement Pumps/Motors | \$ 110,000.00 | | |
| Central Pump Station 10 - Replacement Pump #1 | | | \$ 50,000.00 |
| System Structures & Tanks | | | \$ 250,000.00 |
| Helm Street Tank Replacement | | | \$ 250,000.00 |
| Central WTP | \$ 95,000.00 | \$ 45,000.00 | \$ 104,000.00 |
| Operational Needs | \$ 95,000.00 | \$ 45,000.00 | \$ 104,000.00 |
| Security Alarms and Fire Alarm System | | | \$ 29,000.00 |
| Central WTP Filter Control SCADA Interface | | | \$ 75,000.00 |
| Re-piping Domestic Pump to Hydropneumatic Tank | \$ 40,000.00 | | |
| Upgrade drainage system from holding ponds to VPDES outfall | | \$ 45,000.00 | |
| Hoist system for moving pumps - Currently out of service | \$ 55,000.00 | | |
| Central WWTP | | \$ 47,000.00 | \$ 115,000.00 |
| Operational Needs | | \$ 47,000.00 | \$ 115,000.00 |
| Central WWTP - New RAS Pump #2 | | | \$ 55,000.00 |
| Central WWTP - Replace railings and chains on primary basin #2 | | \$ 20,000.00 | |
| Central WWTP - Replace the air actuator valves to electric valves on sandfilters | | | \$ 60,000.00 |
| Central WWTP - Replace transfer switch in belt press building | | \$ 27,000.00 | |
| Forest | | \$ 45,000.00 | \$ 120,000.00 |
| Operational Needs | | \$ 45,000.00 | \$ 120,000.00 |
| Lynchburg Entry Point Control Valve (Graves Mill Rd) | | | \$ 120,000.00 |
| Big Ben Actuator Gate Valve | | \$ 45,000.00 | |
| Moneta WWTP | | \$ 30,000.00 | |
| Operational Needs | | \$ 30,000.00 | |
| Moneta WWTP - New chains on Train 2 BIOWHEELS | | \$ 20,000.00 | |
| Moneta WWTP - Replace magnetic ballasts & wiring harness | | \$ 10,000.00 | |

Capital Improvement Program Projects Listing FY24-26



| Projects by Service Area | Fiscal Year Ending: | | |
|--|---------------------|---------------|-----------------|
| | 2024 | 2025 | 2026 |
| Office | \$ 120,000.00 | | \$ 125,000.00 |
| Office Improvements | \$ 120,000.00 | | \$ 125,000.00 |
| Bulletproof Glass & Front Desk modifications | \$ 120,000.00 | | |
| Annex Building Renovations | | | \$ 125,000.00 |
| Purchases | \$ 46,000.00 | \$ 264,000.00 | |
| Customer Service | | \$ 55,000.00 | |
| Operations/Billing/Cartegraph Web Application | | \$ 55,000.00 | |
| Maintenance | | \$ 163,000.00 | |
| New Resource Durango | | \$ 45,000.00 | |
| New Resource Ram 1500 | | \$ 47,000.00 | |
| 4 - 12 Inch Hot Tap Machine / Mueller | | \$ 32,000.00 | |
| 2DH-2 Concrete Mixer 2 Cubic Yards | | \$ 39,000.00 | |
| Personnel | \$ 46,000.00 | \$ 46,000.00 | |
| Vehicle for Construction Manager | | \$ 46,000.00 | |
| Maintenance Coordinator Ram 1500 | \$ 46,000.00 | | |
| SCADA | | \$ 36,000.00 | |
| Operational Needs | | \$ 36,000.00 | |
| SCADA Hatch Intrusion Switches for Water Tanks | | \$ 36,000.00 | |
| SML | \$ 200,000.00 | | \$ 15,000.00 |
| SML WTF (shared portion) | \$ 200,000.00 | | \$ 15,000.00 |
| SML Tank - Standby generator | | | \$ 15,000.00 |
| GAC Heated Building | \$ 200,000.00 | | |
| Mariners | | | \$ 68,000.00 |
| Operational Needs | | | \$ 68,000.00 |
| Mariners - Lake Retreat PRV Replacement | | | \$ 68,000.00 |
| Paradise Point | | | \$ 10,000.00 |
| Operational Needs | | | \$ 10,000.00 |
| Paradise Point Electrical upgrade | | | \$ 10,000.00 |
| Mariners WWTP | | | \$ 20,000.00 |
| Operational Needs | | | \$ 20,000.00 |
| Mariners WWTP - Recoat train 1 & 2 influent basins | | | \$ 20,000.00 |
| Grand Total | \$ 706,000.00 | \$ 591,000.00 | \$ 1,722,000.00 |

Capital Improvement Program – Costs By Service Area



| Service Area | FY 2023-24 | FY 2024-25 | FY 2025-26 | FY 2026-27 | FY 2027-28 | Future | Total |
|-------------------------|------------|------------|--------------|--------------|--------------|---------------|---------------|
| Cedar Rock | \$ - | \$ - | \$ - | \$ 10,000 | \$ - | \$ - | \$ 10,000 |
| Central | \$ 340,000 | \$ 216,000 | \$ 1,364,000 | \$ 822,000 | \$ 955,000 | \$ 2,435,000 | \$ 6,132,000 |
| Forest | \$ - | \$ 45,000 | \$ 120,000 | \$ - | \$ - | \$ 11,465,000 | \$ 11,630,000 |
| Lakes | \$ - | \$ 30,000 | \$ - | \$ 10,000 | \$ 45,000 | \$ 17,920,000 | \$ 18,005,000 |
| Mariners | \$ - | \$ - | \$ 88,000 | \$ 10,000 | \$ - | \$ - | \$ 98,000 |
| Montvale | \$ - | \$ - | \$ - | \$ 10,000 | \$ - | \$ - | \$ 10,000 |
| Office / Administration | \$ 166,000 | \$ 264,000 | \$ 125,000 | \$ 95,200 | \$ 91,000 | \$ 4,341,500 | \$ 5,082,700 |
| Paradise Point | \$ - | \$ - | \$ 10,000 | \$ 16,000 | \$ 35,000 | \$ - | \$ 61,000 |
| SML (Shared with WVWA) | \$ 200,000 | \$ - | \$ 15,000 | \$ 200,000 | \$ 30,000 | \$ - | \$ 445,000 |
| Stewartville | \$ - | \$ - | \$ - | \$ - | \$ - | \$ 20,400,000 | \$ 20,400,000 |
| Valley Mills | \$ - | \$ - | \$ - | \$ 20,000 | \$ - | \$ - | \$ 20,000 |
| Various | \$ - | \$ 36,000 | \$ - | \$ 42,000 | \$ 19,000 | \$ 20,000 | \$ 117,000 |
| Total | \$ 706,000 | \$ 591,000 | \$ 1,722,000 | \$ 1,235,200 | \$ 1,175,000 | \$ 56,581,500 | \$ 62,010,700 |

Projects with Outside Funding



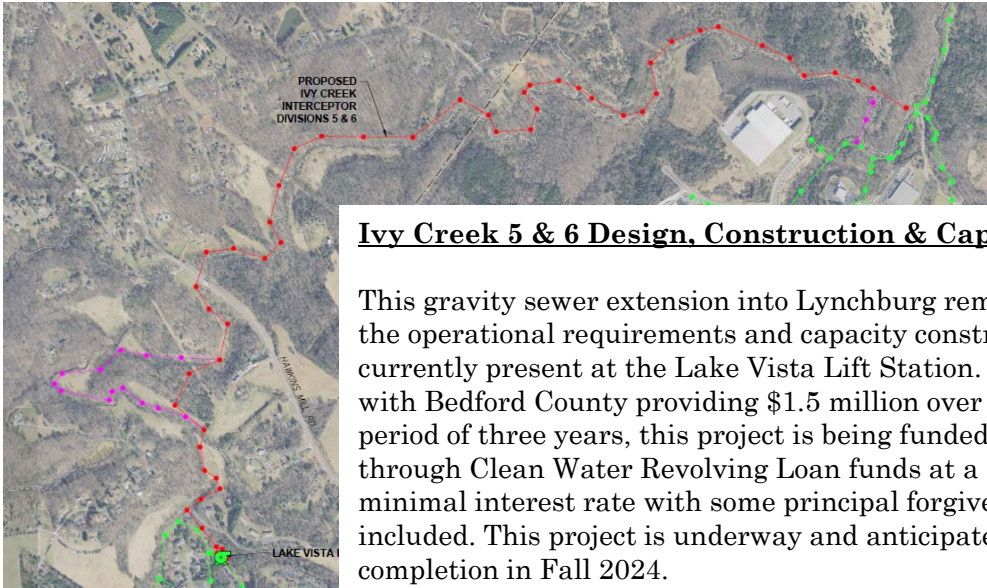
With the American Rescue Plan Act (ARPA), funding was made available to localities for select improvements that had been previously identified, including those necessary for water and sewer infrastructure. In cooperation with the Town of Bedford, the Authority entered into a Grant Subrecipient Agreement on December 1, 2021 with the Town to utilize ARPA funds in addressing select projects noted below:

Helm Street Tank: The existing 1.22 million-gallon round water storage tank at Helm Street was previously taken out of service due to a failing coating system containing lead and a deteriorating concrete structure. With water storage that is central to the water system of significant importance to limit water age and disinfection byproducts, design is underway by Whitman, Requardt & Associates for a new 1 million-gallon welded steel water tank at this site.

Bell Town Road Waterline Extension: To address concerns regarding the quality of the groundwater within a select area of Bell Town Road and the potential for landfill leachate intrusion, an 1800 foot public waterline extension was designed and pending construction.

Town & Country Subdivision Sewer Replacements: The Authority worked with Hurt & Proffitt, Inc. through design and field investigations necessary for targeted replacements of deteriorating sewer lines within the Town and Country Subdivision. The construction of these replacements were previously intended to span over many years as funding became available through the Authority's Sewer Replacement Setasides. Partial funding approval was received through the Department of Environmental Quality (DEQ) Sewer Collection System (SCS) program in March 2023 to cover a portion of the project. With the funding available, most phases of the sewer replacements in this subdivision will be completed by the end of 2023.

| Projects and Funding Sources | | Project Costs |
|--|--|-------------------------|
| Bell Town Road Waterline Extension | | \$ 500,000.00 |
| ARPA | | \$ 500,000.00 |
| Helm Street Tank Replacement | | \$ 3,391,304.00 |
| ARPA | | \$ 3,228,388.00 |
| Escrow | | \$ 162,916.00 |
| Ivy Creek 5 & 6 Design, Construction & Capacity | | \$ 15,471,092.00 |
| County | | \$ 1,500,000.00 |
| Debt Service-DEQ Clean Water Revolving Loan Fund | | \$ 13,971,092.00 |
| Town & Country Subdivision Sewer Replacements | | \$ 2,494,576.00 |
| ARPA | | \$ 771,612.00 |
| Setasides | | \$ 494,576.00 |
| DEQ SCS Grant | | \$ 1,228,388.00 |
| Grand Total | | \$ 21,856,972.00 |



Ivy Creek 5 & 6 Design, Construction & Capacity:

This gravity sewer extension into Lynchburg removes the operational requirements and capacity constraints currently present at the Lake Vista Lift Station. Along with Bedford County providing \$1.5 million over a period of three years, this project is being funded through Clean Water Revolving Loan funds at a minimal interest rate with some principal forgiveness included. This project is underway and anticipated for completion in Fall 2024.

FY 2023-2024 Capital Improvements Listing



| Projects by Service Area | Fiscal Year Ending: 2024 | |
|--|-----------------------------|----------------|
| Central | \$ | 245,000 |
| Operational Needs | \$ | 245,000 |
| Sewer Flow Meter - Bedford Weaving | \$ | 25,000 |
| Central Pump Station 1 - Replacement Pumps/Motors | \$ | 110,000 |
| Central Pump Station 2 - Replacement Pumps/Motors | \$ | 110,000 |
| Central WTP | \$ | 95,000 |
| Operational Needs | \$ | 95,000 |
| Re-piping Domestic Pump to Hydro-pneumatic Tank | \$ | 40,000 |
| Hoist system for moving pumps - Currently out of service | \$ | 55,000 |
| Office | \$ | 120,000 |
| Office Improvements | \$ | 120,000 |
| Bulletproof Glass & Front Desk modifications | \$ | 120,000 |
| Purchases | \$ | 46,000 |
| Personnel | \$ | 46,000 |
| Maintenance Coordinator Ram 1500 | \$ | 46,000 |
| SML | \$ | 200,000 |
| SML WTF (shared portion) | \$ | 200,000 |
| GAC Heated Building | \$ | 200,000 |
| Grand Total | \$ | 706,000 |

FY 2023-2024 Capital Improvements



Capital projects and purchases identified for FY 2023-2024 include items to assist with operational and maintenance efficiencies, improved sewer capacities, employee safety, and provide for additional personnel.

Some of the larger projects represent shared costs with other entities.

- The granular activated carbon (GAC) heated building will be shared equally with Western Virginia Water Authority as an improvement at the jointly owned Smith Mountain Lake Water Treatment Facility.
- Replacements at Central Pump Station 1 and 2 will be equally split between the Town of Bedford, County of Bedford, and the Authority, per resolutions adopted by each entity.

| Line ID | Service Area | Water or Sewer | Project | Description | Project Costs |
|---------|--------------|----------------|--|---|---------------|
| 28 | Central WTP | Water | Hoist system for moving pumps - Currently out of service | Bolts are missing and deemed unsafe by Safety. Needs to be repaired. | \$55,000 |
| 29 | Central WTP | Water | Re-piping Domestic Pump to Hydropneumatic Tank | Current piping is corroded and has the potential to fail. | \$40,000 |
| 44 | SML | Water | GAC Heated Building | The building allows to run GAC year round, which is necessary for PFAS protection and assists with organic removal. Costs represent shared portion with WVWA. | \$200,000 |
| 52 | Central | Sewer | Central Pump Station 1 - Replacement Pumps/Motors | 3 pumps are >20 years old. Will reduce overflows. Shared costs with Town & County | \$110,000 |
| 53 | Central | Sewer | Central Pump Station 2 - Replacement Pumps/Motors | 3 pumps are >20 years old. Will reduce overflows. Shared costs with Town & County | \$110,000 |
| 62 | Central | Sewer | Sewer Flow Meter - Bedford Weaving | Installation of a flow metering station at public connection point to capture all flow for billing. Existing meter is private with accuracy concerns. | \$25,000 |
| 87 | Office | Other | Bulletproof Glass & Front Desk modifications | Bulletproof modifications for the front desk to address safety and security of employees. | \$120,000 |
| 119 | Purchases | Other | Maintenance Coordinator Ram 1500 | The new maintenance coordinator will need a truck to drive to job sites, flag work areas, follow-up on prior jobs and assist maintenance crews. | \$46,000 |



FY 2023-2024 Central Water Treatment Plant Projects

- **Replace piping from domestic pump to hydropneumatic tank**

Piping between the domestic pump and plant pressure tank is threaded on each end and secured through flanged connections. Piping is corroding at each of the threaded locations with a high potential for failure. This project will replace approximately 200 feet of threaded pipe with plain end ductile iron pipe.



- **Hoist system for moving pumps**

The current pump hoist system has bolts missing, is not connected to the walls at either end, and deemed unsafe by Safety. A structural assessment is needed to determine the required repairs or replacements necessary.

FY 2023-2024 Central Sewer Projects



- **Bedford Weaving Sewer Flow Meter**
Sewer billing at this location is based upon the readings from a sewer flow meter that is privately owned and dependent upon private power being provided. Installation of publicly owned flow meter at a public connection point for Authority's use and ownership will enable continued power and improved accuracy for billing.



- **Central Pump Stations 1 & 2 - Replacement pumps and motors**
Capacity in the drainage areas of these two stations is hindered due to large volumes of inflow and infiltration in the system, as well as pumps that are greater than 20 years old that are not performing at their designed flow rates. Replacement of the aged and underperforming pumps along with changing out hard-start motors with variable drive motors will maximize capacity of the stations while lessening the impact to the receiving force mains. Flow meters will also be installed at each station for better accountability of flows and station performance.



FY 2023-2024 Office Improvements Projects



- **Bulletproof Glass Front Desk Modifications**

The Customer Service front desk is the only area readily accessible to the public and the main entrance for all customers and visitors. With increasing concerns of security and safety of our employees, the proposed modifications will provide bullet resistant glass and desk panels, and replacing the swinging door with a solid wall for greater protection.



FY 2023-2024 Lakes Water Projects

- **Smith Mountain Lake Water Treatment Facility - GAC Heated Building**

Granular Activated Carbon (GAC) is utilized for removing organics, as disinfection byproduct precursors, as well as Per- and Polyfluorinated Substances (PFAS), which are man-made chemicals also known as “forever chemicals”. The GAC vessels and piping are currently not protected from freezing temperatures and therefore not usable in the coldest months. The building will provide freeze protection, allowing year round use of GAC for water quality which will be required for PFAS protection and upcoming regulations.



Water Projects



Various water projects have been identified in the Forest, Central, and Lakes service areas to be addressed over the next few years, with some larger projects projected more into future years based upon anticipated funding. Projects identified to assist with water system operation include the following:

- Upgrades to aging booster station serving the Fox Runn subdivision
- An automated bulk filling station
- Improvements at the Stoney Creek reservoir to allow operability of the drain valve, required for permitting and safety
- Upgrades and maintenance of the Central Water Treatment Plant, including:
 - Replacement of obsolete and failing equipment and valves
 - Filter improvements
 - Alarm system to alert of vandalism or fire emergencies when plant is not in operation
 - Installation of a separate booster station for serving customers adjacent to the plant
- Control valve and actuated valve to efficiently coordinate flows between Forest, Central and Lakes systems
- Security measures through SCADA communications, as identified in the 2021 Risk and Resilience Assessment
- Sampling stations to provide best representation of water quality in the system, guarantee operator accessibility, and remove dependency upon quality plumbing within private homes and the homeowners' availability for sample collections
- Valley Mills building addition to allow for chemical addition and pH adjustment
- Upgrades to a system pressure reducing valve serving a portion of Mariners Landing
- Improvements at the Paradise Point water system to ensure continued service



In FY 2023-2024, a replacement set-aside account will be initiated for water facility replacements. This will provide routine funding in the future for items necessary to keep treatment plants and booster stations properly and efficiently functioning.

Water Projects



Water Projects by Service Area

| | Fiscal Year Ending: | | | | | |
|--|---------------------|---------------|-----------------|---------------|--------------|-----------------|
| | 2024 | 2025 | 2026 | 2027 | 2028 | Future |
| Boonsboro | | | | | | \$ 600,000.00 |
| System Structures & Tanks | | | | | | \$ 600,000.00 |
| Fox Runn Booster Station Upgrade | | | | | | \$ 600,000.00 |
| Central | | \$ 124,000.00 | \$ 1,095,000.00 | \$ 350,000.00 | | \$ 40,000.00 |
| Operational Needs | | \$ 124,000.00 | \$ 845,000.00 | \$ 350,000.00 | | \$ 40,000.00 |
| Central Bulk Fill Station (Central WWTP) | | | | | | \$ 40,000.00 |
| Connect Bedford Lowe's to Town Distribution System | | | | \$ 350,000.00 | | |
| Stoney Creek Reservoir - Ph 2.B (Cleaning/Design) | | \$ 124,000.00 | | | | |
| Stoney Creek Reservoir - Ph 3 (Rehab Construction) | | | \$ 845,000.00 | | | |
| System Structures & Tanks | | | \$ 250,000.00 | | | |
| Helm Street Tank Replacement | | | \$ 250,000.00 | | | |
| Central WTP | \$ 95,000.00 | \$ 45,000.00 | \$ 104,000.00 | \$ 202,000.00 | \$ 75,000.00 | \$ 1,875,000.00 |
| Operational Needs | \$ 95,000.00 | \$ 45,000.00 | \$ 104,000.00 | \$ 202,000.00 | \$ 75,000.00 | \$ 1,875,000.00 |
| Central WTP - Booster station & finished line for customers directly served (Phase 1 Construction - Booster Station) | | | | | | \$ 700,000.00 |
| Central WTP - Booster station & finished line for customers directly served (Phase 2 Construction - Lines) | | | | | | \$ 200,000.00 |
| Central WTP - Holding Pond Sewer | | | | | | \$ 500,000.00 |
| Central WTP - Overhaul of WTP Elevator | | | | | | \$ 150,000.00 |
| Central WTP - Replace filter media / rebuild filters | | | | \$ 30,000.00 | | |
| Central WTP - Upgrade chemical feeders to liquid chemical (others) | | | | \$ 15,000.00 | | |
| Security Alarms and Fire Alarm System | | | \$ 29,000.00 | | | |
| Central WTP Filter Control SCADA Interface | | | \$ 75,000.00 | | | |
| SCADA Head Loss Monitors for finish filters | | | | \$ 150,000.00 | | |
| Underdrain air scour system | | | | | | \$ 325,000.00 |
| Electric pallet jack - Central WTP (2) | | | | \$ 7,000.00 | | |
| Re-piping Domestic Pump to Hydropneumatic Tank | \$ 40,000.00 | | | | | |
| Upgrade drainage system from holding ponds to VPDES outfall | | \$ 45,000.00 | | | | |
| Hoist system for moving pumps - Currently out of service | \$ 55,000.00 | | | | | |
| Central WTP Replace Rewash valves & Waste Valves | | | | | \$ 75,000.00 | |
| Countywide | | | | | | \$ 20,000.00 |
| Neighborhood Line Extensions (NLE) | | | | | | \$ 20,000.00 |
| Neighborhood Line Extensions (NLE) - Setaside Fund | | | | | | \$ 20,000.00 |



Water Projects



Water Projects by Service Area

| | Fiscal Year Ending: | | | | | |
|--|---------------------|---------------|-----------------|---------------|---------------|------------------|
| | 2024 | 2025 | 2026 | 2027 | 2028 | Future |
| Forest | | \$ 45,000.00 | \$ 120,000.00 | | | \$ 6,165,000.00 |
| Neighborhood Line Extensions (NLE) | | | | | | \$ 400,000.00 |
| Blackburn Subdivision NLE | | | | | | \$ 400,000.00 |
| Operational Needs | | \$ 45,000.00 | \$ 120,000.00 | | | |
| Lynchburg Entry Point Control Valve (Graves Mill Rd) | | | \$ 120,000.00 | | | |
| Big Ben Actuator Gate Valve | | \$ 45,000.00 | | | | |
| System Loops for Stability | | | | | | \$ 5,700,000.00 |
| Cottontown Road Loop - Riley Run to Autumn Run | | | | | | \$ 900,000.00 |
| Everett Road Loop - Otterview to Walkers Crossing | | | | | | \$ 800,000.00 |
| Goode Waterline Loop - Everett to Ashwood (Rt. 221) | | | | | | \$ 4,000,000.00 |
| System Structures & Tanks | | | | | | \$ 65,000.00 |
| Altha Grove Tank Altitude Valve Replacement | | | | | | \$ 40,000.00 |
| Altha Grove/Cottontown Tank - Mixer | | | | | | \$ 25,000.00 |
| Lakes | | | | | \$ 45,000.00 | \$ 17,000,000.00 |
| Future System Growth | | | | | | \$ 12,500,000.00 |
| Goodview Waterline - SML to Sycamore Ridge | | | | | | \$ 5,000,000.00 |
| MVS to Valley Mills Ext (Lochwood, Capewood, Trading Post) | | | | | | \$ 900,000.00 |
| SML Phase 5 to Mountain View Shores | | | | | | \$ 6,600,000.00 |
| System Loops for Stability | | | | | | \$ 4,500,000.00 |
| Whitehouse Road Loop | | | | | | \$ 4,500,000.00 |
| System Structures & Tanks | | | | | \$ 45,000.00 | |
| High Point Facility Roof Replacement | | | | | \$ 45,000.00 | |
| SCADA | | \$ 36,000.00 | | | | |
| Operational Needs | | \$ 36,000.00 | | | | |
| SCADA Hatch Intrusion Switches for Water Tanks | | \$ 36,000.00 | | | | |
| Stewartsville | | | | | | \$ 400,000.00 |
| System Loops for Stability | | | | | | \$ 400,000.00 |
| Stewartsville West Loop - Drewrys Hill Road | | | | | | \$ 400,000.00 |
| Valley Mills | | | | \$ 20,000.00 | | |
| Operational Needs | | | | \$ 20,000.00 | | |
| Valley Mills Building addition for chemical addition | | | | \$ 20,000.00 | | |
| Various | | | | \$ 22,000.00 | \$ 19,000.00 | |
| Operational Needs | | | | \$ 22,000.00 | \$ 19,000.00 | |
| Sample Hydrants Phase 2B (8) | | | | \$ 22,000.00 | | |
| Sample Water hydrants - Phase 2A (7) | | | | | \$ 19,000.00 | |
| Mariners | | | \$ 68,000.00 | | | |
| Operational Needs | | | \$ 68,000.00 | | | |
| Mariners - Lake Retreat PRV Replacement | | | \$ 68,000.00 | | | |
| Paradise Point | | | \$ 10,000.00 | \$ 16,000.00 | \$ 35,000.00 | |
| Operational Needs | | | \$ 10,000.00 | \$ 16,000.00 | \$ 35,000.00 | |
| Paradise Point Electrical upgrade | | | \$ 10,000.00 | | | |
| Paradise Point Generator | | | | \$ 16,000.00 | | |
| Above-ground pressure tank assessment | | | | | \$ 35,000.00 | |
| Grand Total | \$ 95,000.00 | \$ 250,000.00 | \$ 1,397,000.00 | \$ 610,000.00 | \$ 174,000.00 | \$ 26,100,000.00 |

Smith Mountain Lake Water Treatment Facility Projects



Projects and purchases directly related to the operation of the Smith Mountain Lake Water Treatment Facility reflect shared costs with Western Virginia Water Authority as the joint partner of the facility. Projects identified to assist with water system operation include the following:

- Increased pumping capacity at receiving sewer pump station 4 to support a large volume of backwash discharge from the facility
- Standby generators for the raw water intake and water storage tank for improved reliability and communication
- Heated building for GAC vessels to allow freeze protection for use in winter months



| Projects by Service Area | Fiscal Year Ending: | | | |
|--|---------------------|--------------|---------------|--------------|
| | 2024 | 2026 | 2027 | 2028 |
| SML | \$ 200,000.00 | \$ 15,000.00 | \$ 200,000.00 | \$ 30,000.00 |
| SML WTF (shared portion) | \$ 200,000.00 | \$ 15,000.00 | \$ 200,000.00 | \$ 30,000.00 |
| Sewer Pump Station 4 Upgrades Ph 2 (Pumps) | | | | \$ 30,000.00 |
| SML Tank - Standby generator | | \$ 15,000.00 | | |
| Raw Water Intake Generator | | | \$ 200,000.00 | |
| GAC Heated Building | \$ 200,000.00 | | | |
| Grand Total | \$ 200,000.00 | \$ 15,000.00 | \$ 200,000.00 | \$ 30,000.00 |

Sewer Projects



The sewer projects planned for the coming years are primarily within the Central service area, with a few improvements identified in other service areas. Other projects that will utilize capital funding over the next few years include:

- Central Wastewater Pump Station upgrades and replacements
- Central Wastewater Treatment Plant upgrades including:
 - Replacement of older return activated sludge (RAS) pumps
 - Replacement of railings and chains on basins
 - Upgrade at sandfilters from air actuated valves to electric valves that are not temperature dependent for operation
 - Replacement of aging transfer switch with one that is waterproof
 - Sanding and painting of clarifiers and thickener units that are rusting
- Moneta Wastewater Treatment Plant upgrades, including:
 - Replacing ballasts in the second train should maintenance be needed on first train or flow exceed the capability of a single train
 - Replacement of Biowheel chains on second train
 - Replacement of trunnions and stub axles on both trains
- Recoating of influent basins at Montvale, Cedar Rock, and Mariners Landing Wastewater Treatment Plants

In FY 2023-2024, a replacement set-aside account will be initiated for sewer facility replacements. This will provide routine funding in the future for items necessary to keep treatment plants and lift stations properly and efficiently functioning.



Sewer Projects



| Sewer Projects by Service Area | Fiscal Year Ending: | | | | | |
|--|---------------------|--------------|---------------|---------------|---------------|-----------------|
| | 2024 | 2025 | 2026 | 2027 | 2028 | Future |
| Central | \$ 245,000.00 | | \$ 50,000.00 | \$ 155,000.00 | \$ 810,000.00 | |
| Operational Needs | \$ 245,000.00 | | \$ 50,000.00 | \$ 155,000.00 | \$ 810,000.00 | |
| Central Pump Station 1 - Replacement Pumps/Motors | \$ 110,000.00 | | | | | |
| Central Pump Station 10 - Replacement Pump #1 | | | \$ 50,000.00 | | | |
| Central Pump Station 10 - Replacement Pump #2 | | | | | \$ 50,000.00 | |
| Central Pump Station 2 - Replacement Pumps/Motors | \$ 110,000.00 | | | | | |
| Central Pump Station 3 - Replacement Pump #1 | | | | \$ 45,000.00 | | |
| Central Pump Station 3 - Replacement Pump #2 | | | | \$ 45,000.00 | | |
| Central Pump Station 3 - Replacement Pump #3 | | | | \$ 45,000.00 | | |
| Central Pump Station 4 Replacement & SCADA | | | | | \$ 290,000.00 | |
| Central Pump Station 6 SCADA | | | | \$ 20,000.00 | | |
| Central Pump Station 8 Replacement & SCADA | | | | | \$ 470,000.00 | |
| Sewer Flow Meter - Bedford Weaving | \$ 25,000.00 | | | | | |
| Central WWTP | | \$ 47,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 70,000.00 | \$ 270,000.00 |
| Operational Needs | | \$ 47,000.00 | \$ 115,000.00 | \$ 115,000.00 | \$ 70,000.00 | \$ 270,000.00 |
| Central WWTP - Digester Access Improvements (SAFETY) | | | | | | \$ 100,000.00 |
| Central WWTP - Lab & Sludge Building Renovations | | | | | | \$ 60,000.00 |
| Central WWTP - Move sandfilter controls from basement to control room | | | | | | \$ 35,000.00 |
| Central WWTP - New RAS Pump #2 | | | \$ 55,000.00 | | | |
| Central WWTP - New RAS Pump #3 | | | | \$ 55,000.00 | | |
| Central WWTP - Remove old boiler and equipment | | | | | | \$ 50,000.00 |
| Central WWTP - Replace grit collector #2 | | | | | | \$ 25,000.00 |
| Central WWTP - Replace Monster Auger | | | | \$ 60,000.00 | | |
| Central WWTP - Replace railings and chains on primary basin #2 | | \$ 20,000.00 | | | | |
| Central WWTP - Replace the air actuator valves to electric valves on sandfilters | | | \$ 60,000.00 | | | |
| Central WWTP - Replace transfer switch in belt press building | | \$ 27,000.00 | | | | |
| Central WWTP - Sand and repaint effluent clarifiers | | | | | \$ 50,000.00 | |
| Central WWTP - Sand and repaint thickener units | | | | | \$ 20,000.00 | |
| Forest | | | | | | \$ 4,700,000.00 |
| Future Growth - Capacity Purchases | | | | | | \$ 4,700,000.00 |
| Ivy Creek 1-4 Capacity (1.5 MGD Avg / 3.75 Peak) | | | | | | \$ 1,900,000.00 |
| Lynchburg WWTP Capacity (2.4 MGD) | | | | | | \$ 2,800,000.00 |

Sewer Projects



| Sewer Projects by Service Area | Fiscal Year Ending: | | | | | |
|--|---------------------|--------------|---------------|---------------|---------------|------------------|
| | 2024 | 2025 | 2026 | 2027 | 2028 | Future |
| Moneta WWTP | | \$ 30,000.00 | | \$ 10,000.00 | | \$ 920,000.00 |
| Operational Needs | | \$ 30,000.00 | | | | \$ 920,000.00 |
| Moneta WWTP - Composting sludge from Central Sewer & Moneta WWTP | | | | | | \$ 100,000.00 |
| Moneta WWTP - New chains on Train 2 BLOWHEELS | | \$ 20,000.00 | | | | |
| Moneta WWTP - New Disk Filter Construction | | | | | | \$ 650,000.00 |
| Moneta WWTP - Replace magnetic ballasts & wiring harness | | \$ 10,000.00 | | | | |
| Moneta WWTP - Replace trunnions and stub axles | | | | | | \$ 170,000.00 |
| Purchase | | | | \$ 10,000.00 | | |
| Moneta WWTP - Electric pallet lift | | | | \$ 10,000.00 | | |
| Stewartsville | | | | | | \$ 20,000,000.00 |
| Future System Growth | | | | | | \$ 20,000,000.00 |
| Stewartsville Sewer | | | | | | \$ 20,000,000.00 |
| Montvale WWTP | | | | \$ 10,000.00 | | |
| Operational Needs | | | | \$ 10,000.00 | | |
| Montvale WWTP - Recoat influent basin at wastewater plant | | | | \$ 10,000.00 | | |
| Cedar Rock | | | | \$ 10,000.00 | | |
| Operational Needs | | | | \$ 10,000.00 | | |
| Recoat influent basin at wastewater plant | | | | \$ 10,000.00 | | |
| Mariners WWTP | | | \$ 20,000.00 | \$ 10,000.00 | | |
| Operational Needs | | | \$ 20,000.00 | \$ 10,000.00 | | |
| Mariners WWTP - Install skimmer on clarifier 1 and 2 | | | | \$ 10,000.00 | | |
| Mariners WWTP - Recoat train 1 & 2 influent basins | | | \$ 20,000.00 | | | |
| Grand Total | \$ 245,000.00 | \$ 77,000.00 | \$ 185,000.00 | \$ 310,000.00 | \$ 880,000.00 | \$ 25,890,000.00 |



Capital Purchases



Several capital purchases are identified for the coming years that will assist with better efficiency in operation, employee safety, and allow for the additional equipment necessary to maintain an expanding service area. Some of these purchases include:

- Internal improvements and upgrades to assist with efficiencies and security, including:
 - Continued implementation phases of a new key system to provide improved site security options and improve appropriate accessibility
 - Bulletproof glass in the Customer Service area, to protect from the potentials for both physical harm and airborne viruses
 - Integration of multiple data sources for efficiencies in reporting and effective data forecasting
- Equipment for maintenance personnel to assist with work efficiencies and provide cost savings of completing more tasks internally
- Resource vehicle for use by office staff traveling to meetings or visiting project sites
- Resource vehicle for field use when a vehicle is out of service for maintenance



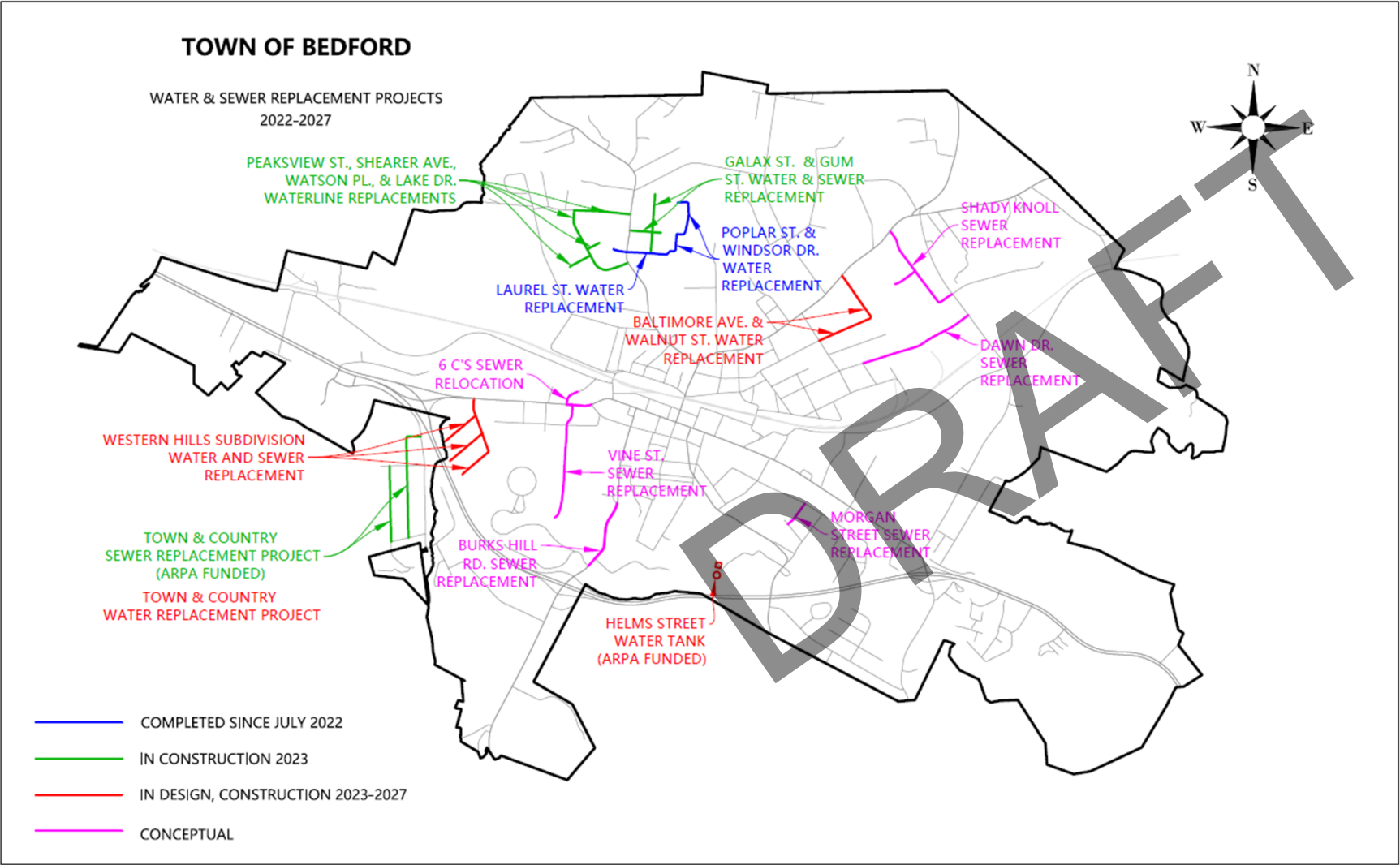
| Purchases and Office Improvements | Fiscal Year Ending: | | | | | |
|--|---------------------|------|---------------|------|------|-----------------|
| | 2024 | 2025 | 2026 | 2027 | 2028 | Future |
| Office | \$ 120,000.00 | | \$ 125,000.00 | | | \$ 3,800,000.00 |
| Office Improvements | \$ 120,000.00 | | \$ 125,000.00 | | | \$ 3,800,000.00 |
| Bulletproof Glass & Front Desk modifications | \$ 120,000.00 | | | | | |
| New Building - Construction | | | | | | \$ 2,400,000.00 |
| New Building - Design | | | | | | \$ 150,000.00 |
| Sewer Extension to Office Building | | | | | | \$ 600,000.00 |
| Annex Building Renovations | | | \$ 125,000.00 | | | |
| Heated Garage - additional bay | | | | | | \$ 160,000.00 |
| Administration Offices in Conference Room | | | | | | \$ 250,000.00 |
| Small Pole Barn | | | | | | \$ 110,000.00 |
| Large Pole Barn | | | | | | \$ 130,000.00 |

Capital Purchases



| Purchases and Office Improvements | Fiscal Year Ending: | | | | | |
|--|---------------------|---------------|---------------|---------------|--------------|-----------------|
| | 2024 | 2025 | 2026 | 2027 | 2028 | Future |
| Purchases | \$ 46,000.00 | \$ 264,000.00 | | \$ 95,200.00 | \$ 91,000.00 | \$ 791,500.00 |
| Administration | | | | \$ 60,000.00 | \$ 60,000.00 | \$ 115,000.00 |
| Key System - Phase 2C (Various sites) | | | | \$ 60,000.00 | | |
| Key System - Phase 3A (Various sites) | | | | | \$ 60,000.00 | |
| Key System - Phase 3B (Various sites) | | | | | | \$ 60,000.00 |
| Portable Water Station for Community Events | | | | | | \$ 55,000.00 |
| Customer Service | | \$ 55,000.00 | | | | \$ 35,000.00 |
| Operations/Billing/Cartegraph Web Application | | \$ 55,000.00 | | | | |
| Gateway Antenna - Stewartsville | | | | | | \$ 35,000.00 |
| Engineering | | | | | | \$ 400,000.00 |
| Central Sewer Survey Phase 1 | | | | | | \$ 100,000.00 |
| Central Sewer Survey Phase 2 | | | | | | \$ 150,000.00 |
| Water & Sewer Master Plan | | | | | | \$ 150,000.00 |
| Maintenance | | \$ 163,000.00 | | \$ 35,200.00 | \$ 31,000.00 | \$ 194,500.00 |
| Portable Air Compressor for CIP | | | | | \$ 31,000.00 | |
| Skid Steer Concrete Saw for CIP | | | | | | \$ 34,000.00 |
| Ductile Pipe Inventory Storage Rack | | | | | | \$ 18,500.00 |
| New Resource Durango | | \$ 45,000.00 | | | | |
| New Resource Ram 1500 | | \$ 47,000.00 | | | | |
| Forward Facing CCTV Camera Head | | | | \$ 7,200.00 | | |
| 4 Inch Drivable Portable CCTV Camera | | | | \$ 28,000.00 | | |
| 4 - 12 Inch Hot Tap Machine / Mueller | | \$ 32,000.00 | | | | |
| Asphalt Hot Box, Compactor and Roller | | | | | | \$ 77,000.00 |
| Paving of 1/4 Rear Parking Area | | | | | | \$ 12,500.00 |
| Stone and Cold Patch Pad | | | | | | \$ 7,500.00 |
| 2DH-2 Concrete Mixer 2 Cubic Yards | | \$ 39,000.00 | | | | |
| Electric Gate Lower Entrance | | | | | | \$ 45,000.00 |
| Personnel | \$ 46,000.00 | \$ 46,000.00 | | | | \$ 47,000.00 |
| Vehicle for Construction Manager | | \$ 46,000.00 | | | | |
| Maintenance Coordinator Ram 1500 | \$ 46,000.00 | | | | | |
| New Ram 1500 - Ground Maintenance | | | | | | \$ 47,000.00 |
| SCADA | | | | \$ 20,000.00 | | |
| Operational Needs | | | | \$ 20,000.00 | | |
| SCADA Communications Architecture Enhancements | | | | \$ 20,000.00 | | |
| Grand Total | \$ 166,000.00 | \$ 264,000.00 | \$ 125,000.00 | \$ 115,200.00 | \$ 91,000.00 | \$ 4,591,500.00 |

Replacement and Rehabilitation Projects



As the Authority’s water and sewer systems age, it is necessary to prepare for replacements of older lines to maintain continued service to customers. The majority of water line and sewer line replacement or rehabilitation projects are currently covered through operational set-asides accounts created for these purposes rather than through the Authority’s Capital Improvement Plan. Funding to these set-aside accounts is regularly increased where feasible through the annual operating budget process. The replacement set-aside accounts assist with unexpected emergency replacement projects that may arise, as well as allow for planned replacements through the Authority’s Maintenance crews or contractors.

The majority of current line replacement projects are located within the Central service area. The Central water and wastewater systems have many older lines that are past their normal life span and are a source of many repairs. Much of the current water focus is on replacement of small diameter galvanized waterlines with larger and more durable lines that are able to provide dependable, quality service to these areas and support fire suppression. Sewer line replacements are currently focused on older lines in the Central Pump Station 1 drainage area that require regular root treatment to prevent overflows, as well as beginning to address many undersized 6-inch gravity sewer lines within the Town service area.

Capital Improvement Program Priority Ranking

Priority Score Color Codes

| | |
|----|-------|
| 20 | <30 |
| 30 | 30-39 |
| 50 | 40-59 |
| 65 | 60+ |



| Line ID | Service Area | Project | Description | Project Costs | Priority Classification 10 - Mandatory 7 - Maintenance 5 - Efficiency 2 - New Service | Priority Ranking 10 - Very High 7 - High 5 - Medium 2 - Low | Expected Useful Life 10 - 20+ yrs 7 - 10-19 yrs 5 - 5-9 yrs 2 - < 5yrs | Failure Potential 10- High 7 - Medium 5 - Low 2 - N/A | Benefit/Failure 10- High 5 - Medium 2 - Low 0 - N/A | Effect on O&M Costs 10 - Reduce 5 - Unchanged 2 - Increased | Effect on Revenue 10 - Increase 5 - Unchanged 2 - Decrease | Environmental Impact 10 - High 5 - Medium 2 - Low/None | Total Priority Score |
|---------|---------------|--|--|---------------|---|---|--|---|---|--|---|---|----------------------|
| 1 | Countywide | Neighborhood Line Extensions (NLE) - Setaside Fund | Consider funding setaside to support NLE construction costs that exceed sum of Project Fees; allows extension of public waterlines where water quality and/or quantity is an issue and at least 70% of owners participate. Supports projects such as Howard Drive, Audobon, and Smugglers Neck. | \$20,000 | 2 | 2 | 10 | 2 | 0 | 5 | 10 | 2 | 33 |
| 2 | Forest | Blackburn Subdivision NLE | Most of subdivision served with public water through privately maintained booster station. NLE would connect them behind the existing Fox Runn booster station. | \$400,000 | 5 | 5 | 10 | 2 | 2 | 2 | 10 | 2 | 38 |
| 3 | Lakes | Goodview Waterline - SML to Sycamore Ridge | Routine flushing would be necessary until adequate number of connections. | \$5,000,000 | 2 | 2 | 10 | 2 | 2 | 2 | 10 | 2 | 32 |
| 4 | Lakes | MVS to Valley Mills Ext (Lochwood, Capewood, Trading Post) | To provide water service to the Saunders Point Neighborhood from MVS and eliminate Valley Mills well system. | \$900,000 | 2 | 5 | 10 | 5 | 5 | 2 | 10 | 2 | 41 |
| 5 | Lakes | SML Phase 5 to Mountain View Shores | Will reduce operations requirement at MVS and Valley Mills; will increase flushing needs until sufficient number of customers exist. | \$6,600,000 | 5 | 2 | 10 | 5 | 5 | 5 | 10 | 2 | 44 |
| 6 | Forest | Cottontown Road Loop - Riley Run to Autumn Run | Improve turnover / circulation in the area and provide loop. | \$900,000 | 5 | 2 | 10 | 5 | 2 | 5 | 10 | 2 | 41 |
| 7 | Forest | Everett Road Loop - Otterview to Walkers Crossing | Provides Forest loop and better ability to serve part of Forest system from SML Central. | \$800,000 | 7 | 5 | 10 | 5 | 2 | 10 | 5 | 2 | 46 |
| 8 | Forest | Goode Waterline Loop - Everett to Ashwood (Rt. 221) | Provides loop between Goode and Forest along Route 221. | \$4,000,000 | 5 | 2 | 10 | 5 | 2 | 5 | 10 | 2 | 41 |
| 9 | Lakes | Whitehouse Road Loop | Needed when more than 4 MGD is flowing to Town/Forest from SMLWTF. | \$4,500,000 | 2 | 2 | 10 | 2 | 2 | 5 | 10 | 2 | 35 |
| 10 | Stewartsville | Stewartsville West Loop - Drewrys Hill Road | Provides system loop. | \$400,000 | 7 | 5 | 10 | 2 | 0 | 5 | 5 | 2 | 36 |
| 11 | Boonsboro | Fox Runn Booster Station Upgrade | Aging station in need of tank replacements and upgraded equipment. If station is upsized, could also serve Blackburn subdivision water system. <i>Contracted costs difficult to justify for number of customers to be served; consider construction in-house upon available staffing. (21 lots served with potential of up to 12 more)</i> | \$600,000 | 7 | 5 | 10 | 7 | 5 | 5 | 5 | 2 | 46 |
| 12 | Central | Helm Street Tank Replacement | Additional costs to supplement \$2M ARPA and \$160k Escrow funding; WRA's estimate at \$3.6M. | \$250,000 | 10 | 10 | 10 | 7 | 10 | 10 | 5 | 5 | 67 |
| 13 | Forest | Altha Grove Tank Altitude Valve Replacement | Continued issues with existing G-A altitude valve causing tank overflows. | \$40,000 | 7 | 5 | 7 | 7 | 0 | 5 | 5 | 2 | 38 |
| 14 | Forest | Altha Grove/Cottontown Tank - Mixer | Mixer needed to destratify water and improve DBPs. | \$25,000 | 7 | 10 | 5 | 5 | 10 | 10 | 5 | 5 | 57 |
| 15 | Lakes | High Point Facility Roof Replacement | A new roof is needed on the High Point facility. The current roof has aged and is missing shingles in several locations. Damage to the structure is possible if not replaced. | \$45,000 | 5 | 10 | 10 | 7 | 0 | 5 | 5 | 2 | 44 |
| 16 | Central | Central Bulk Fill Station (Central WWTP) | Add water filling station in Central service area and limit operator time to provide service | \$40,000 | 5 | 5 | 7 | 5 | 2 | 5 | 10 | 2 | 41 |
| 17 | Central | Connect Bedford Lowe's to Town Distribution System | Enables full use of the 460 Pump Station when pumping from the Forest system; Lowe's at Shiloh Church Road loses pressure and fire protection in the current configuration. | \$350,000 | 7 | 10 | 10 | 5 | 5 | 5 | 5 | 2 | 49 |
| 18 | Central | Stoney Creek Reservoir - Ph 2.B (Cleaning/Design) | Conduit cleaning and design costs for chemical grouting/filter diaphragm based on PER provided by WJW dated 12/20/2022. (Additional to existing FY22-23 funding) | \$124,000 | 10 | 10 | 10 | 7 | 5 | 5 | 5 | 2 | 54 |
| 19 | Central | Stoney Creek Reservoir - Ph 3 (Rehab Construction) | Estimated construction cost for Option 1 - Outlet Works Rehab based on PER provided by WJW dated 12/20/2022. | \$845,000 | 10 | 10 | 10 | 7 | 5 | 5 | 5 | 10 | 62 |

Capital Improvement Program Priority Ranking

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|----------------------------|-------|
| 20 | <30 |
| 30 | 30-39 |
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| Line ID | Service Area | Project | Description | Project Costs | Priority Classification 10 - Mandatory 7 - Maintenance 5 - Efficiency 2 - New Service | Priority Ranking 10 - Very High 7 - High 5 - Medium 2 - Low | Expected Useful Life 10 - 20+ yrs 7 - 10-19 yrs 5 - 5-9 yrs 2 - < 5yrs | Failure Potential 10 - High 7 - Medium 5 - Low 2 - N/A | Benefit/Failure 10 - High 5 - Medium 2 - Low 0 - N/A | Effect on O&M Costs 10 - Reduce 5 - Unchanged 2 - Increased | Effect on Revenue 10 - Increase 5 - Unchanged 2 - Decrease | Environmental Impact 10 - High 5 - Medium 2 - Low/None | Total Priority Score |
|---------|--------------|--|---|---------------|---|---|--|--|--|--|---|---|----------------------|
| 20 | Central WTP | Central WTP - Booster station & finished line for customers directly served (Phase 1 Construction - Booster Station) | Design complete. Addresses several customers directly connected to plant that are currently affected by plant maintenance. <i>Contractor costs difficult to justify for number of customers to be served; consider performing portions in-house upon additional staff availability. (Approximately 7 lots served)</i> | \$700,000 | 5 | 10 | 10 | 5 | 2 | 5 | 5 | 2 | 44 |
| 21 | Central WTP | Central WTP - Booster station & finished line for customers directly served (Phase 2 Construction - Lines) | Design complete. Addresses several customers directly connected to plant that are currently affected by plant maintenance. A portion of lines may fall under replacement, while other sections will be new to connect to the new booster station. Lines can be installed by BRWA Capital Crew. | \$200,000 | 5 | 10 | 10 | 5 | 2 | 5 | 5 | 2 | 44 |
| 22 | Central WTP | Central WTP - Holding Pond Sewer | Sewer line from holding ponds to public sewer for surge control release; easements would be required. Operational savings every 4 years for dredging holding ponds. | \$500,000 | 5 | 7 | 7 | 7 | 5 | 10 | 5 | 2 | 48 |
| 23 | Central WTP | Central WTP - Overhaul of WTP Elevator | Without the elevator to take chemicals to the top floor, the WTP will be difficult to operate. If 122 waterline not in service, an elevator failure could be critical. | \$150,000 | 7 | 10 | 7 | 7 | 5 | 5 | 5 | 5 | 51 |
| 24 | Central WTP | Central WTP - Replace filter media / rebuild filters | Needed to meet filter optimization and reduce volume discharged to holding ponds; new coagulant may delay the need for media. | \$30,000 | 5 | 10 | 5 | 5 | 10 | 10 | 5 | 5 | 55 |
| 25 | Central WTP | Central WTP - Upgrade chemical feeders to liquid chemical (others) | Liquid chemicals would eliminate the need for daily elevator use and enhance treatment capabilities. With no dry chemicals added to the water, less sediment would need to be cleaned and hauled. | \$15,000 | 5 | 10 | 7 | 7 | 5 | 10 | 5 | 2 | 51 |
| 26 | Central WTP | Central WTP Filter Control SCADA Interface | Replace and upgrade filter control system | \$75,000 | 7 | 7 | 7 | 5 | 2 | 10 | 5 | 2 | 45 |
| 27 | Central WTP | Electric pallet jack - Central WTP (2) | One on main floor and one on top floor for the 3000 pound chemical barrels | \$7,000 | 5 | 7 | 5 | 2 | 0 | 5 | 5 | 2 | 31 |
| 28 | Central WTP | Hoist system for moving pumps - Currently out of service | Bolts are missing and deemed unsafe by Safety. Needs to be repaired. | \$55,000 | 10 | 7 | 7 | 10 | 0 | 10 | 5 | 2 | 51 |
| 29 | Central WTP | Re-piping Domestic Pump to Hydropneumatic Tank | Current piping is corroded and has the potential to fail. | \$40,000 | 7 | 7 | 10 | 5 | 5 | 5 | 5 | 2 | 46 |
| 30 | Central WTP | Central WTP Replace Rewash valves & Waste Valves | Replacement of obsolete valves that allow flushing of the filter to waste after a backwash; existing valves do not work consistently and are corroded. | \$75,000 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 2 | 45 |
| 31 | Central WTP | SCADA Head Loss Monitors for finish filters | This will upgrade the current system and provide measurements for filter run hours. | \$150,000 | 5 | 5 | 7 | 2 | 2 | 5 | 5 | 2 | 33 |
| 32 | Central WTP | Security Alarms and Fire Alarm System | Safety - Need security system and fire system upgrades | \$29,000 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 2 | 62 |
| 33 | Central WTP | Underdrain air scour system | Improve filter run hours and prolong filter life | \$325,000 | 5 | 5 | 10 | 2 | 2 | 10 | 5 | 2 | 41 |
| 34 | Central WTP | Upgrade drainage system from holding ponds to VPDES outfall | Existing piping is damaged and no longer allows the pond discharge to be adjusted | \$45,000 | 7 | 5 | 7 | 7 | 2 | 5 | 5 | 2 | 40 |
| 35 | Forest | Big Ben Actuator Gate Valve | Allows for remote operation of Big Ben Control Valve's bypass valve for reverse flow modes of the 460 Booster Station | \$45,000 | 10 | 7 | 7 | 2 | 2 | 5 | 5 | 2 | 40 |
| 36 | Forest | Lynchburg Entry Point Control Valve (Graves Mill Rd) | First step in being able to control and meter flow at the three major feeds from Lynchburg. Will reduce personnel time from manually adjusting valves, and provide immediate usage data to better manage water purchase from Lynchburg. | \$120,000 | 5 | 10 | 10 | 2 | 5 | 10 | 5 | 2 | 49 |
| 37 | Mariners | Mariners - Lake Retreat PRV Replacement | The PRV at Mariners Landing is an aged unit and is not within specs of our current PRV design. Replacement of the PRV is recommend. The current unit has been pieced together by the prior owners. | \$68,000 | 7 | 10 | 10 | 7 | 10 | 5 | 5 | 2 | 56 |

Capital Improvement Program Priority Ranking

Priority Score Color Codes

| | |
|----|-------|
| 20 | <30 |
| 30 | 30-39 |
| 50 | 40-59 |
| 65 | 60+ |



| Line ID | Service Area | Project | Description | Project Costs | Priority Classification 10 - Mandatory 7 - Maintenance 5 - Efficiency 2 - New Service | Priority Ranking 10 - Very High 7 - High 5 - Medium 2 - Low | Expected Useful Life 10 - 20+ yrs 7 - 10-19 yrs 5 - 5-9 yrs 2 - < 5yrs | Failure Potential 10 - High 5 - Medium 2 - Low 0 - N/A | Benefit/Failure 10 - High 5 - Medium 2 - Low 0 - N/A | Effect on O&M Costs 10 - Reduce 5 - Unchanged 2 - Increased | Effect on Revenue 10 - Increase 5 - Unchanged 2 - Decrease | Environmental Impact 10 - High 5 - Medium 2 - Low/None | Total Priority Score |
|---------|----------------|--|--|---------------|---|---|--|--|--|--|---|---|----------------------|
| 38 | Paradise Point | Above-ground pressure tank assessment | The existing pressure tank is old and corroded - need to look at replacing | \$35,000 | 7 | 5 | 2 | 5 | 10 | 5 | 5 | 2 | 41 |
| 39 | Paradise Point | Paradise Point Electrical upgrade | Upgrading all the service in the well house. | \$10,000 | 5 | 7 | 7 | 7 | 10 | 5 | 5 | 2 | 48 |
| 40 | Paradise Point | Paradise Point Generator | Upgrade the generator to run the well house in the event power is lost. | \$16,000 | 5 | 7 | 7 | 7 | 10 | 5 | 5 | 2 | 48 |
| 41 | Valley Mills | Valley Mills Building addition for chemical addition | Due to age and configuration, the waterworks experiences treatment upsets that require the tank to be dumped for dilution. The pH is very low and no pH adjustment is currently provided. The current building size is not feasible for any treatment additions or reconfigurations. | \$20,000 | 5 | 10 | 7 | 7 | 5 | 10 | 5 | 5 | 54 |
| 42 | Various | Sample Hydrants Phase 2B (8) | Guarantees accessibility and representative water for compliance samples. (Phased) | \$22,000 | 5 | 10 | 5 | 5 | 5 | 5 | 5 | 5 | 45 |
| 43 | Various | Sample Water hydrants - Phase 2A (7) | Guarantees accessibility and representative water for compliance samples. (Phased) | \$19,000 | 10 | 10 | 7 | 2 | 2 | 5 | 5 | 5 | 46 |
| 44 | SML | GAC Heated Building | The building allows to run GAC year round, which is necessary for PFAS protection and assists with organic removal. Costs represent shared portion with WVWA. | \$200,000 | 10 | 10 | 7 | 2 | 5 | 10 | 5 | 2 | 51 |
| 45 | SML | Raw Water Intake Generator | Stand-alone diesel generator to run the intake facility | \$200,000 | 5 | 7 | 7 | 7 | 10 | 10 | 5 | 10 | 61 |
| 46 | SML | Sewer Pump Station 4 Upgrades Ph 2 (Pumps) | Increase pump capacity as existing station is only able to support 65 gpm with both pumps running. Limitations on capacity causes the SMLWTF to be shut down to prevent overflows. Unused basin next to pump well could be used to modulate backups. | \$30,000 | 7 | 10 | 5 | 10 | 2 | 10 | 5 | 5 | 54 |
| 47 | SML | SML Tank - Standby generator | Permanent stand by power generator for the SML Water Tank that will maintain various sensors and network service for the area. | \$15,000 | 7 | 10 | 7 | 7 | 5 | 2 | 5 | 2 | 45 |
| 48 | Forest | Ivy Creek 1-4 Capacity (1.5 MGD Avg / 3.75 Peak) | Not necessary right away - currently own 1.29 MGD Peak in Ivy 1 & 2, 1.52 MGD Peak in Ivy 3, 1.89 MGD Peak in Ivy 4. | \$1,900,000 | 2 | 5 | 7 | 5 | 0 | 5 | 10 | 2 | 36 |
| 49 | Forest | Lynchburg WWTP Capacity (2.4 MGD) | Not necessary until more than 1 MGD needed; \$1.4M for 1.68 MGD, \$1.6M for 1.808 MGD, and \$1.9M for 1.9 MGD. | \$2,800,000 | 2 | 5 | 7 | 5 | 0 | 5 | 10 | 2 | 36 |
| 50 | Stewartsville | Stewartsville Sewer | Minimal water customers currently in this service area. PER completed in 2012 reviewing options, with cheapest capital option as a new WWTP estimated at \$8.5M at time of report. | \$20,000,000 | 2 | 2 | 10 | 2 | 0 | 2 | 10 | 2 | 30 |
| 51 | Cedar Rock | Recoat influent basin at wastewater plant | The basins need to be recoated, starting to rust. | \$10,000 | 5 | 5 | 7 | 7 | 5 | 5 | 5 | 10 | 49 |
| 52 | Central | Central Pump Station 1 - Replacement Pumps/Motors | 3 pumps are >20 years old. Will reduce overflows. Shared costs with Town & County | \$110,000 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 10 | 55 |
| 53 | Central | Central Pump Station 2 - Replacement Pumps/Motors | 3 pumps are >20 years old. Will reduce overflows. Shared costs with Town & County | \$110,000 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 10 | 55 |
| 54 | Central | Central Pump Station 3 - Replacement Pump #1 | 3 pumps are >20 years old; 3rd phase for replacement. Will reduce overflows. | \$45,000 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 10 | 55 |
| 55 | Central | Central Pump Station 3 - Replacement Pump #2 | 3 pumps are >20 years old; 2nd phase for replacement. Will reduce overflows. | \$45,000 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 10 | 55 |
| 56 | Central | Central Pump Station 3 - Replacement Pump #3 | 3 pumps are >20 years old; 3rd phase for replacement. Will reduce overflows. | \$45,000 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 10 | 55 |
| 57 | Central | Central Pump Station 4 Replacement & SCADA | Bring station above ground; water often present in the bottom of the station, presenting concern of safety hazard due to electrical presence. | \$290,000 | 10 | 5 | 7 | 5 | 5 | 5 | 5 | 5 | 47 |
| 58 | Central | Central Pump Station 6 SCADA | Allow remote view and ability to trend station performance. | \$20,000 | 10 | 10 | 7 | 5 | 5 | 5 | 5 | 5 | 52 |

Capital Improvement Program Priority Ranking

Priority Score Color Codes

| | |
|----|-------|
| 20 | <30 |
| 30 | 30-39 |
| 50 | 40-59 |
| 65 | 60+ |



| Line ID | Service Area | Project | Description | Project Costs | Priority Classification 10 - Mandatory 5 - Efficiency 2 - New Service | Priority Ranking 10 - Very High 7 - High 5 - Medium 2 - Low | Expected Useful Life 10 - 20+ yrs 7 - 10-19 yrs 5 - 5-9 yrs 2 - < 5yrs | Failure Potential 10 - High 7 - Medium 5 - Low 2 - N/A | Benefit/Failure 10 - High 5 - Medium 2 - Low 0 - N/A | Effect on O&M Costs 10 - Reduce 5 - Unchanged 2 - Increased | Effect on Revenue 10 - Increase 5 - Unchanged 2 - Decrease | Environmental Impact 10 - High 5 - Medium 2 - Low/ None | Total Priority Score |
|---------|---------------|--|---|---------------|--|---|--|--|--|--|---|--|----------------------|
| 59 | Central | Central Pump Station 8 Replacement & SCADA | Smith & Loveless pump station with failing steel wet well. | \$470,000 | 10 | 5 | 10 | 7 | 5 | 5 | 5 | 10 | 57 |
| 60 | Central | Central Pump Station 10 - Replacement Pump #2 | Replace pump #2 at pump station 10; pumps are older and were rebuilt in 2023. | \$50,000 | 5 | 5 | 7 | 7 | 5 | 5 | 5 | 10 | 49 |
| 61 | Central | Central Pump Station 10 - Replacement Pump #1 | Replace pump #1 at pump station 10; pumps are older and were rebuilt in 2023. | \$50,000 | 5 | 5 | 7 | 5 | 5 | 5 | 5 | 10 | 47 |
| 62 | Central | Sewer Flow Meter - Bedford Weaving | Installation of a flow metering station at public connection point to capture all flow for billing. Existing meter is private with accuracy concerns. | \$25,000 | 7 | 7 | 7 | 7 | 2 | 5 | 10 | 2 | 47 |
| 63 | Central WWTP | Central WWTP - Digester Access Improvements (SAFETY) | Need ladder with harness system for personnel access; need alternate solution for cleaning; costs unknown. | \$100,000 | 10 | 7 | 7 | 7 | 0 | 5 | 5 | 2 | 43 |
| 64 | Central WWTP | Central WWTP - Lab & Sludge Building Renovations | To upgrade very old facilities. Removes cabinets to provide more space for operators by converting lab to office space & a breakroom; move lab to existing breakroom. | \$60,000 | 5 | 7 | 10 | 2 | 0 | 5 | 5 | 2 | 36 |
| 65 | Central WWTP | Central WWTP - Move sandfilter controls from basement to control room | Remove from basement to prevent future water damage | \$35,000 | 10 | 7 | 7 | 5 | 0 | 2 | 5 | 2 | 38 |
| 66 | Central WWTP | Central WWTP - New RAS Pump #2 | Existing pumps are 20+ years old. | \$55,000 | 5 | 10 | 5 | 5 | 10 | 5 | 5 | 2 | 47 |
| 67 | Central WWTP | Central WWTP - New RAS Pump #3 | Existing pumps are 20+ years old. | \$55,000 | 5 | 7 | 5 | 5 | 10 | 5 | 5 | 2 | 44 |
| 68 | Central WWTP | Central WWTP - Replace railings and chains on primary basin #2 | This basin is operating and starting to show wear on railings. | \$20,000 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 5 | 46 |
| 69 | Central WWTP | Central WWTP - Replace the air actuator valves to electric valves on sandfilters | Electric valves will allow backwashing filters below freezing temperatures as air lines currently freeze in the winter and prevent the ability to backwash. | \$60,000 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 5 | 46 |
| 70 | Central WWTP | Central WWTP - Sand and repaint effluent clarifiers | Paint is chipping and rusting | \$50,000 | 10 | 7 | 7 | 5 | 0 | 2 | 5 | 2 | 38 |
| 71 | Central WWTP | Central WWTP - Sand and repaint thickener units | Paint is chipping and rusting | \$20,000 | 10 | 7 | 7 | 5 | 0 | 2 | 5 | 2 | 38 |
| 72 | Central WWTP | Central WWTP - Remove old boiler and equipment | Remove old boiler equipment in digester building. | \$50,000 | 5 | 2 | 10 | 2 | 0 | 5 | 5 | 2 | 31 |
| 73 | Central WWTP | Central WWTP - Replace grit collector #2 | Install new grit collector. | \$25,000 | 5 | 5 | 7 | 10 | 10 | 5 | 5 | 5 | 52 |
| 74 | Central WWTP | Central WWTP - Replace Monster Auger | Install new Monster Auger (trash removal) | \$60,000 | 5 | 5 | 7 | 7 | 10 | 5 | 5 | 5 | 49 |
| 75 | Central WWTP | Central WWTP - Replace transfer switch in belt press building | Install new transfer switch in belt press building. We had the old switch worked on and the contractor stated that the old switch is not waterproof and will need to be replaced in the next 2 years. | \$27,000 | 7 | 7 | 7 | 7 | 5 | 5 | 5 | 5 | 48 |
| 76 | Mariners WWTP | Mariners WWTP - Install skimmer on clarifier 1 and 2 | The clarifiers were not designed for skimmers. The skimmers would improve the life on the drainfields by skimming all the solids from both clarifiers and returning back to the anoxic zones for treatment. | \$10,000 | 5 | 5 | 7 | 5 | 5 | 5 | 5 | 2 | 39 |
| 77 | Mariners WWTP | Mariners WWTP - Recoat train 1 & 2 influent basins | The basins need to be recoated, starting to rust. | \$20,000 | 5 | 5 | 7 | 7 | 5 | 5 | 5 | 10 | 49 |
| 78 | Moneta WWTP | Moneta WWTP - Composting sludge from Central Sewer & Moneta WWTP | Low priority; costs unknown | \$100,000 | 5 | 7 | 7 | 2 | 0 | 10 | 5 | 2 | 38 |
| 79 | Moneta WWTP | Moneta WWTP - New chains on Train 2 BIOWHEELS | Chains life is 5 years | \$20,000 | 7 | 7 | 5 | 5 | 2 | 5 | 5 | 2 | 38 |
| 80 | Moneta WWTP | Moneta WWTP - New Disk Filter Construction | Equipment quoted in 2017 at \$155k; per Wiley/Wilson, budget \$500k. Needed if septage is accepted at the plant. | \$650,000 | 5 | 2 | 7 | 5 | 0 | 5 | 5 | 5 | 34 |
| 81 | Moneta WWTP | Moneta WWTP - Replace magnetic ballasts & wiring harness | Replace with electronic ballasts; magnetic ballasts are no longer available per EPA. If flow increases, will be needed immediately. | \$10,000 | 10 | 7 | 7 | 10 | 0 | 2 | 5 | 2 | 43 |
| 82 | Moneta WWTP | Moneta WWTP - Replace trunnions and stub axles | Replace trunnions and stub axles on train 1 and train 2 | \$170,000 | 5 | 5 | 7 | 2 | 5 | 5 | 5 | 5 | 39 |
| 83 | Moneta WWTP | Electric pallet lift - Moneta WWTP | Electric pallet lift needed for unloading chemicals, equipment, and distilled water for the lab. | \$10,000 | 5 | 5 | 7 | 2 | 0 | 5 | 5 | 2 | 31 |
| 84 | Montvale WWTP | Montvale WWTP - Recoat influent basin at wastewater plant | The basin will need to be recoated before it starts rusting. | \$10,000 | 5 | 5 | 7 | 7 | 5 | 5 | 5 | 10 | 49 |

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| 85 | Office | Administration Offices in Conference Room | Buildout of Customer Service offices and cubicles in Conference Room; includes HVAC and lighting modifications, new office cubicle, and desk. | \$250,000 | 10 | 10 | 10 | 2 | 2 | 5 | 5 | 2 | 46 |
| 86 | Office | Annex Building Renovations | Flooring and painting as performed in Admin Building in 2019, as well as soundproofing offices and rear Board Room wall. | \$125,000 | 7 | 5 | 7 | 5 | 0 | 5 | 5 | 2 | 36 |
| 87 | Office | Bulletproof Glass & Front Desk modifications | Bulletproof modifications for the front desk to address safety and security of employees. | \$120,000 | 10 | 10 | 10 | 10 | 10 | 5 | 5 | 10 | 70 |
| 88 | Office | Heated Garage - additional bay | Additional longer fifth bay added to the lower heated shop for the new Vac Con. The additional bay will better accommodate the new Vac Cons length and allow more room in the lower building for compressors, pumps, hydro equipment, Pipe Hunters and other temperature sensitive equipment. | \$160,000 | 5 | 7 | 10 | 2 | 0 | 5 | 5 | 2 | 36 |
| 89 | Office | Large Pole Barn | Additional storage for equipment, trucks and growing inventory. Additional space will allow for storage as we outgrow our inventory building. The space will allow for storage of equipment attachments, Eone pumps, tractors, and bays teams can work out of. | \$130,000 | 5 | 5 | 10 | 2 | 0 | 5 | 5 | 2 | 34 |
| 90 | Office | New Building - Construction | New two story building behind Annex building. | \$2,400,000 | 2 | 2 | 10 | 2 | 0 | 2 | 5 | 2 | 25 |
| 91 | Office | New Building - Design | Design of new building to address expanding personnel needs. | \$150,000 | 2 | 2 | 10 | 2 | 0 | 2 | 5 | 2 | 25 |
| 92 | Office | Sewer Extension to Office Building | Pressure sewer extension, 6000' from gravity line. | \$600,000 | 7 | 5 | 10 | 7 | 2 | 2 | 5 | 5 | 43 |
| 93 | Office | Small Pole Barn | Additional storage for equipment, trucks and growing inventory. Additional space will allow for storage as we outgrow our inventory building. The space will allow for storage of equipment attachments, Eone pumps, tractors, and bays teams can work out of. | \$110,000 | 5 | 7 | 10 | 2 | 0 | 5 | 5 | 2 | 36 |
| 94 | SCADA | SCADA Communications Architecture Enhancements | Change primary communication at 10 critical water sites from B2X to Verizon VPN Digi Modems for better reliability, particularly during adverse weather events. | \$20,000 | 7 | 10 | 7 | 7 | 10 | 5 | 5 | 2 | 53 |
| 95 | SCADA | SCADA Hatch Intrusion Switches for Water Tanks | For water system security, as identified in the 2021 Risk and Resilience Assessment for 7 BRWA tanks and 3 SML tanks. | \$36,000 | 10 | 10 | 7 | 2 | 10 | 5 | 5 | 2 | 51 |
| 96 | Purchases | Key System - Phase 2B - SMLWTF | Fob setup for SMLWTF front door | \$6,000 | 5 | 10 | 7 | 10 | 10 | 10 | 5 | 2 | 59 |
| 97 | Purchases | Key System - Phase 2C (Various sites) | | \$60,000 | 5 | 10 | 7 | 10 | 10 | 10 | 5 | 2 | 59 |
| 98 | Purchases | Key System - Phase 3A (Various sites) | | \$60,000 | 5 | 10 | 7 | 10 | 10 | 10 | 5 | 2 | 59 |
| 99 | Purchases | Key System - Phase 3B (Various sites) | | \$60,000 | 5 | 10 | 7 | 10 | 10 | 10 | 5 | 2 | 59 |
| 100 | Purchases | Portable Water Station for Community Events | Water buggy trailer for marketing and public service. Could be used with line breaks. | \$55,000 | 2 | 2 | 10 | 5 | 10 | 5 | 5 | 2 | 41 |
| 101 | Purchases | Gateway Antenna - Stewartsville | Gateway antenna to install in Stewartsville to reduce driving time for meter readers. | \$35,000 | 7 | 10 | 10 | 7 | 5 | 10 | 5 | 2 | 56 |

Capital Improvement Program Priority Ranking

Priority Score Color Codes

| | |
|----|-------|
| 20 | <30 |
| 30 | 30-39 |
| 50 | 40-59 |
| 65 | 60+ |



| Line ID | Service Area | Project | Description | Project Costs | Priority Classification 10 - Mandatory 7 - Maintenance 5 - Efficiency 2 - New Service | Priority Ranking 10 - Very High 7 - High 5 - Medium 2 - Low | Expected Useful Life 10 - 20+ yrs 7 - 10-19 yrs 5 - 5-9 yrs 2 - < 5yrs | Failure Potential 10 - High 7 - Medium 5 - Low 2 - N/A | Benefit/Failure 10 - High 5 - Medium 2 - Low 0 - N/A | Effect on O&M Costs 10 - Reduce 5 - Unchanged 2 - Increased | Effect on Revenue 10 - Increase 5 - Unchanged 2 - Decrease | Environmental Impact 10 - High 5 - Medium 2 - Low/ None | Total Priority Score |
|---------|--------------|---|---|---------------|---|---|--|--|--|--|---|--|----------------------|
| 102 | Purchases | Operations/Billing/Cartegraph Web Application | Integration of Operations data, Billing data, and Cartegraph data. Eliminates individual spreadsheets and allows multi-year analysis with data security and validation. May assist with statistical information and revenue forecasting. Integrates all data needed for the monthly Accountability Report. | \$55,000 | 5 | 10 | 10 | 7 | 5 | 10 | 5 | 2 | 54 |
| 103 | Purchases | Central Sewer Survey Phase 1 | Engineering Term Consultant to perform field survey of Central Sewer to be used for Central Sewer Mapping and Modeling. Will assist in identifying appropriate pumps for replacement at Central pump stations. | \$100,000 | 5 | 5 | 10 | 7 | 5 | 5 | 5 | 5 | 47 |
| 104 | Purchases | Central Sewer Survey Phase 2 | Engineering Term Consultant to perform field survey of Central Sewer to be used for Central Sewer Mapping and Modeling. Will assist in identifying appropriate pumps for replacement at Central pump stations. | \$150,000 | 5 | 5 | 10 | 7 | 5 | 5 | 5 | 5 | 47 |
| 105 | Purchases | Water & Sewer Master Plan | Comprehensive master planning document has not been created since Consolidation; plan would need to coordinate with the Town and County's Comprehensive Plans and zoning. | \$150,000 | 5 | 5 | 7 | 5 | 2 | 5 | 5 | 2 | 36 |
| 106 | Purchases | 2DH-2 Concrete Mixer 2 Cubic Yards | Concrete mixer will be used to replace sidewalks for CIP projects and line crews or water service or main repairs. The purchase of this unit will save time and money by eliminating the need for contractors. | \$39,000 | 5 | 7 | 7 | 2 | 0 | 10 | 5 | 2 | 38 |
| 107 | Purchases | 4 - 12 Inch Hot Tap Machine / Mueller | This Mueller machine will allow us to make hot taps which range from 4 inch to 12 inch without disrupting water service or spending full days cutting and sleeving sections of pipe together. This unit is safer and more efficient than traditional cut and building valve assemblies. This will allow for short if no water outages while making new and larger taps. | \$32,000 | 5 | 7 | 7 | 2 | 2 | 10 | 5 | 2 | 40 |
| 108 | Purchases | 4 Inch Drivable Portable CCTV Camera | Portable CCTV crawler will allow PM to crawl lines as small as 4 inches in the town. The town's old system has a lot of 4 inch clay pipe which can be inspected with this small portable crawler. This unit can crawl 100 foot lengths and is packed into a suitcase size container for easy use and inspections. | \$28,000 | 5 | 5 | 7 | 2 | 0 | 5 | 5 | 2 | 31 |
| 109 | Purchases | Asphalt Hot Box, Compactor and Roller | This equipment will allow the BRWA to begin making our own asphalt repairs when time permits. Currently Patterson Brothers performs our repairs however charges a mobilization fee for their work. This equipment will allow us to BEGIN making some of the asphalt repairs inhouse saving considerable money when time permits. | \$77,000 | 5 | 5 | 7 | 2 | 0 | 10 | 5 | 2 | 36 |
| 110 | Purchases | Ductile Pipe Inventory Storage Rack | Storage for multiple sizes of ductile pipe keeping inventory off of the ground and easier to access. Racks will make pulling and cutting pipe safer and more efficient | \$18,500 | 5 | 5 | 5 | 2 | 0 | 5 | 5 | 2 | 29 |
| 111 | Purchases | Electric Gate Lower Entrance | This gate will be added to the new lower parking allowing easier access to obtain equipment and better access for delivery of stone, pipe and equipment. | \$45,000 | 5 | 2 | 10 | 2 | 0 | 5 | 5 | 2 | 31 |

Capital Improvement Program Priority Ranking

Priority Score Color Codes

| | |
|----|-------|
| 20 | <30 |
| 30 | 30-39 |
| 50 | 40-59 |
| 65 | 60+ |



| Line ID | Service Area | Project | Description | Project Costs | Priority Classification 10 - Mandatory 7 - Maintenance 5 - Efficiency 2 - New Service | Priority Ranking 10 - Very High 7 - High 5 - Medium 2 - Low | Expected Useful Life 10 - 20+ yrs 7 - 10-19 yrs 5 - 5-9 yrs 2 - < 5yrs | Failure Potential 10 - High 7 - Medium 5 - Low 2 - N/A | Benefit/Failure 10 - High 5 - Medium 2 - Low 0 - N/A | Effect on O&M Costs 10 - Reduce 5 - Unchanged 2 - Increased | Effect on Revenue 10 - Increase 5 - Unchanged 2 - Decrease | Environmental Impact 10 - High 5 - Medium 2 - Low/ None | Total Priority Score |
|---------|--------------|-----------------------------------|--|---------------|---|---|--|--|--|--|---|--|----------------------|
| 112 | Purchases | Forward Facing CCTV Camera Head | Straight facing CCTV camera head for CCTV push camera. This additional camera head will allow the PM team to interchange camera heads from straight facing to the delicate pan and tilt camera. It will prevent the team from needing to take two cameras to each job and will serve as a backup if the primary camera is in the shop. | \$7,200 | 5 | 5 | 7 | 2 | 0 | 5 | 5 | 2 | 31 |
| 113 | Purchases | New Resource Durango | New resource vehicle to replace Jeep #27 which is being used by maintenance assistant manager | \$45,000 | 5 | 10 | 7 | 2 | 0 | 5 | 5 | 2 | 36 |
| 114 | Purchases | New Resource Ram 1500 | New resource truck will be used for field work preventing the resource SUVs from being damaged. This will allow the SUV's to be used for travel, not work vehicles. | \$47,000 | 5 | 10 | 7 | 2 | 0 | 5 | 5 | 2 | 36 |
| 115 | Purchases | Paving of 1/4 Rear Parking Area | The rear parking lot is have paved and half gravel. During heavy rain events the stone washes to the rear parking lot creating holes and erosion making travel and walking difficult. Paving the sloped portion of the rear lot will allow for easier parking lot maintained and safer walking areas. | \$12,500 | 5 | 5 | 7 | 2 | 0 | 5 | 5 | 2 | 31 |
| 116 | Purchases | Portable Air Compressor for CIP | Air compressor unit for Capital crew to use with Hole Hawg for service installations, as well as concrete and asphalt removal. | \$31,000 | 5 | 10 | 7 | 2 | 0 | 5 | 5 | 2 | 36 |
| 117 | Purchases | Skid Steer Concrete Saw for CIP | Saw attachment for cutting asphalt and concrete to provide better efficiencies, accuracy, and longer cuts. | \$34,000 | 5 | 7 | 5 | 2 | 0 | 5 | 5 | 2 | 31 |
| 118 | Purchases | Stone and Cold Patch Pad | A larger storage area for stone, soil, cold patch and A-1 rip rap is needed. The funds would allow a concrete pad to be poured making soil, cold patch and other materials we use easier to scoop and allows us to store them in larger quantities. The funds will be used to build more longer and wider bins along with a solid floor. | \$7,500 | 5 | 5 | 7 | 2 | 0 | 5 | 5 | 2 | 31 |
| 119 | Purchases | Maintenance Coordinator Ram 1500 | The new maintenance coordinator will need a truck to drive to job sites, flag work areas, follow-up on prior jobs and assist maintenance crews. | \$46,000 | 5 | 10 | 7 | 2 | 0 | 5 | 5 | 2 | 36 |
| 120 | Purchases | New Ram 1500 - Ground Maintenance | The new grounds position will require a truck to perform work. This will be a new truck purchase for this position. | \$47,000 | 5 | 10 | 7 | 2 | 0 | 5 | 5 | 2 | 36 |
| 121 | Purchases | Vehicle for Construction Manager | Currently using P/T Locator's vehicle and resource vehicle. With regular use, will need assigned vehicle. | \$46,000 | 10 | 7 | 7 | 2 | 2 | 5 | 5 | 2 | 40 |

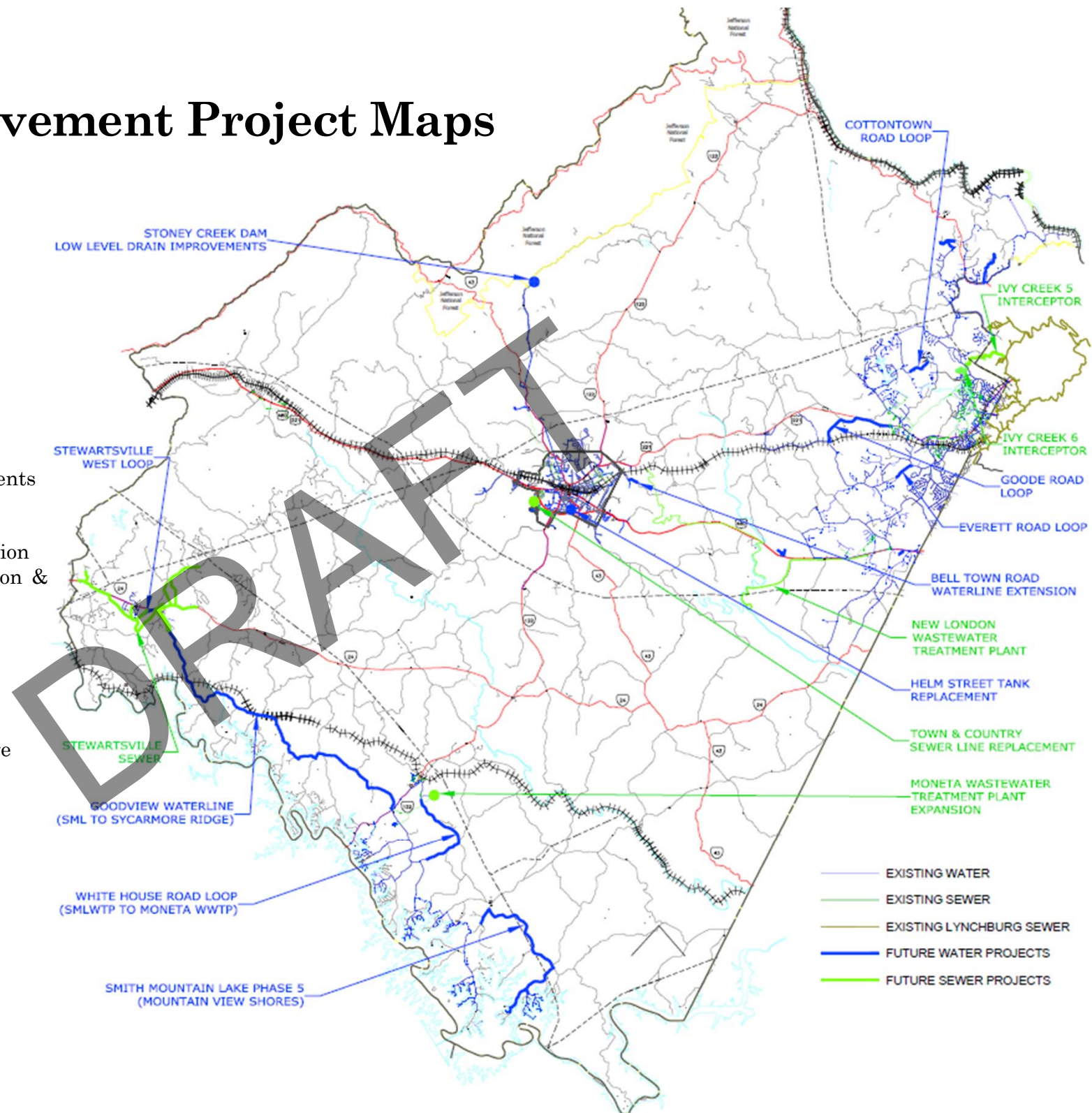
Future Capital Improvement Project Maps

Current CIP Projects Underway:

- Ivy Creek Sewer Phase 5 & 6 Interceptors
- Helm Street Tank Replacement
- Town & Country Sewer Line Replacement
- Bell Town Road Waterline Extension
- Stoney Creek Dam Low Level Drain Improvements

Future CIP Projects (not yet funded):

- Moneta Wastewater Treatment Plant Expansion
- Central Water Treatment Plant Booster Station & Service Line Replacement
- Everett Road Waterline Loop
- Goode Waterline Loop
- Cottontown Road Waterline Loop
- Stewartsville-West Waterline Loop
- White House Road Waterline Loop
- Goodview Waterline – SML to Sycamore Ridge
- Stewartsville Sewer
- Smith Mountain Lake – Phase 5 Waterline



Central WTP Booster Station & Service Line Replacement

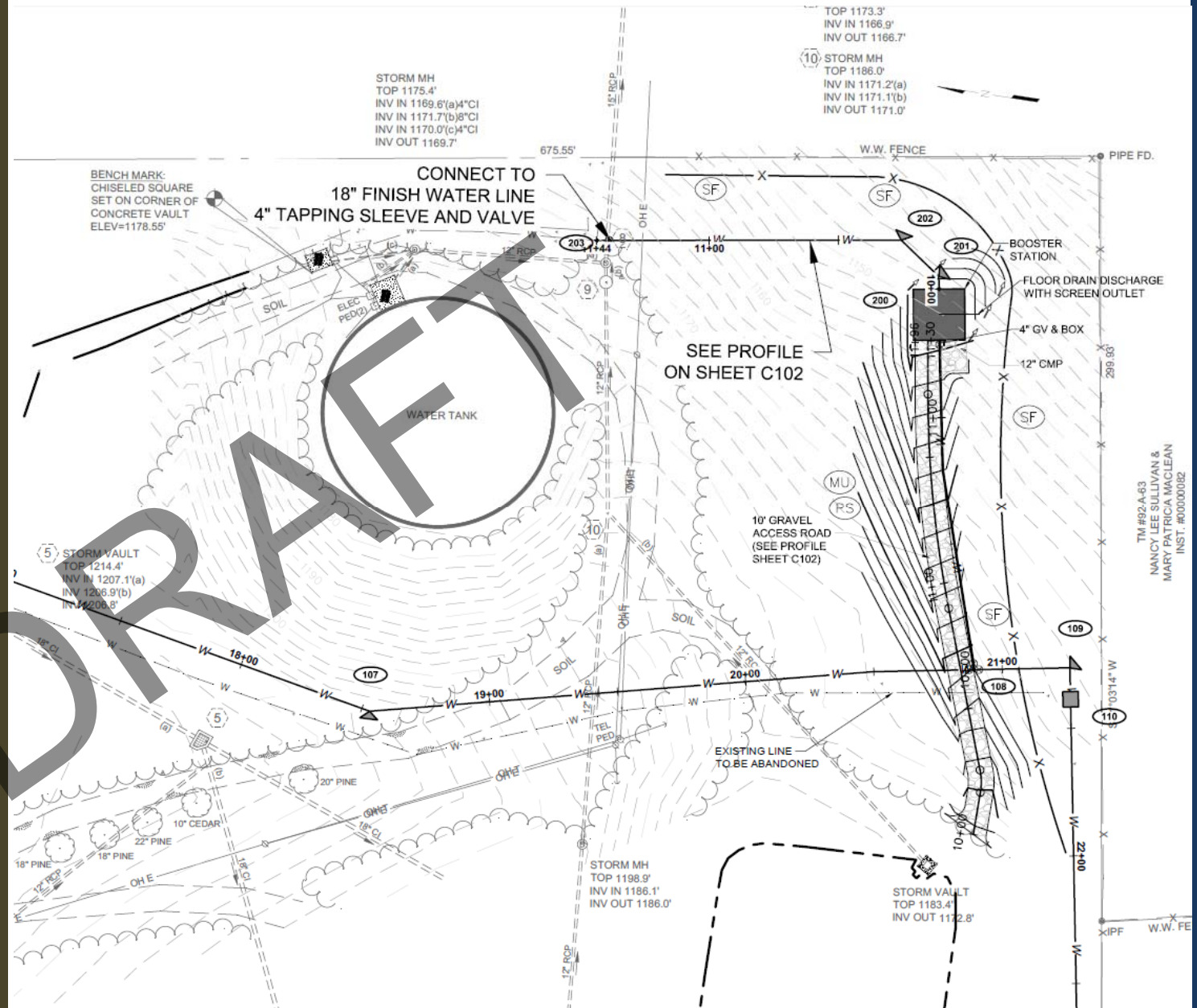
Project Description:

The purpose of this project is to provide improved water service to the area surrounding the Central Water Treatment Plant (WTP). This WTP serves approximately 10 residential connections in the immediate vicinity of the treatment plant through a hydro pneumatic tank located inside of the WTP. Keeping the hydro tank charged for the residential connections greatly restricts or eliminates the available downtime for the water treatment plant. Design has been completed for a small booster station that can serve the existing residential customers from the existing 18" line at the treatment plant. Existing 1-inch and 2-inch service lines to the existing meters will also be replaced with larger diameter lines and connected to the new booster pump station.

Estimated Cost: \$900,000

Estimated Length/Size: Booster Pump Station & ~1,500 LF of 4"

Status: Designed, awaiting funding for construction



Everett Road Waterline Loop

Project Description:

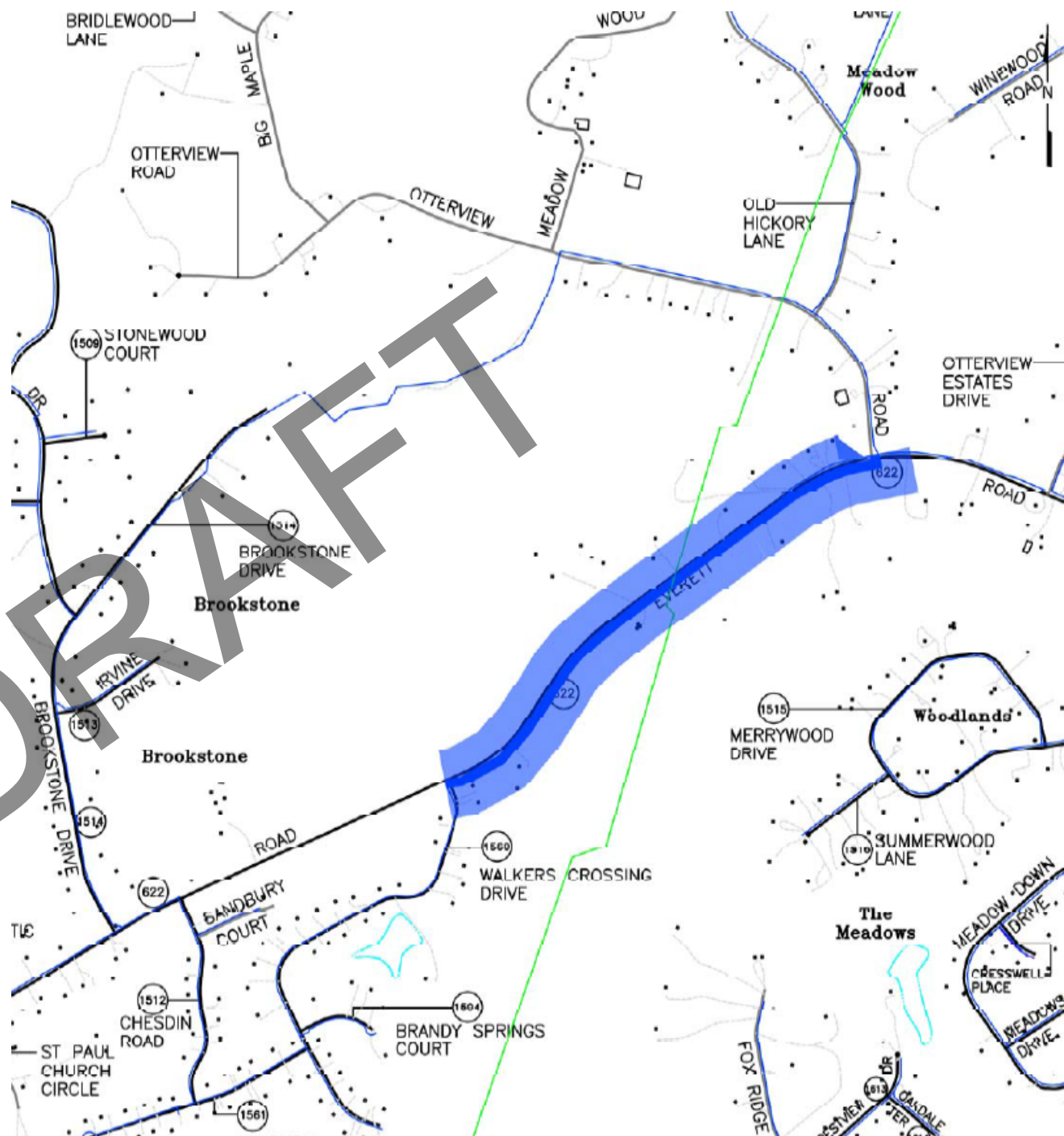
Connection of waterlines along Everett Road between Walkers Crossing Drive and Otterview Drive.

Waterlines have been extended from each direction, leaving a gap in this area along Everett Road. This project finishes a needed waterline loop for the system for greater stability. Currently there are only two water main feeds to this area, and if one must be closed for repair, additional loops are necessary to keep the system stable.

Estimated Cost: \$800,000

Estimated Length/Size: <4,000 LF of 12-inch

Status: Not yet funded



Goode Waterline Loop

Project Description:

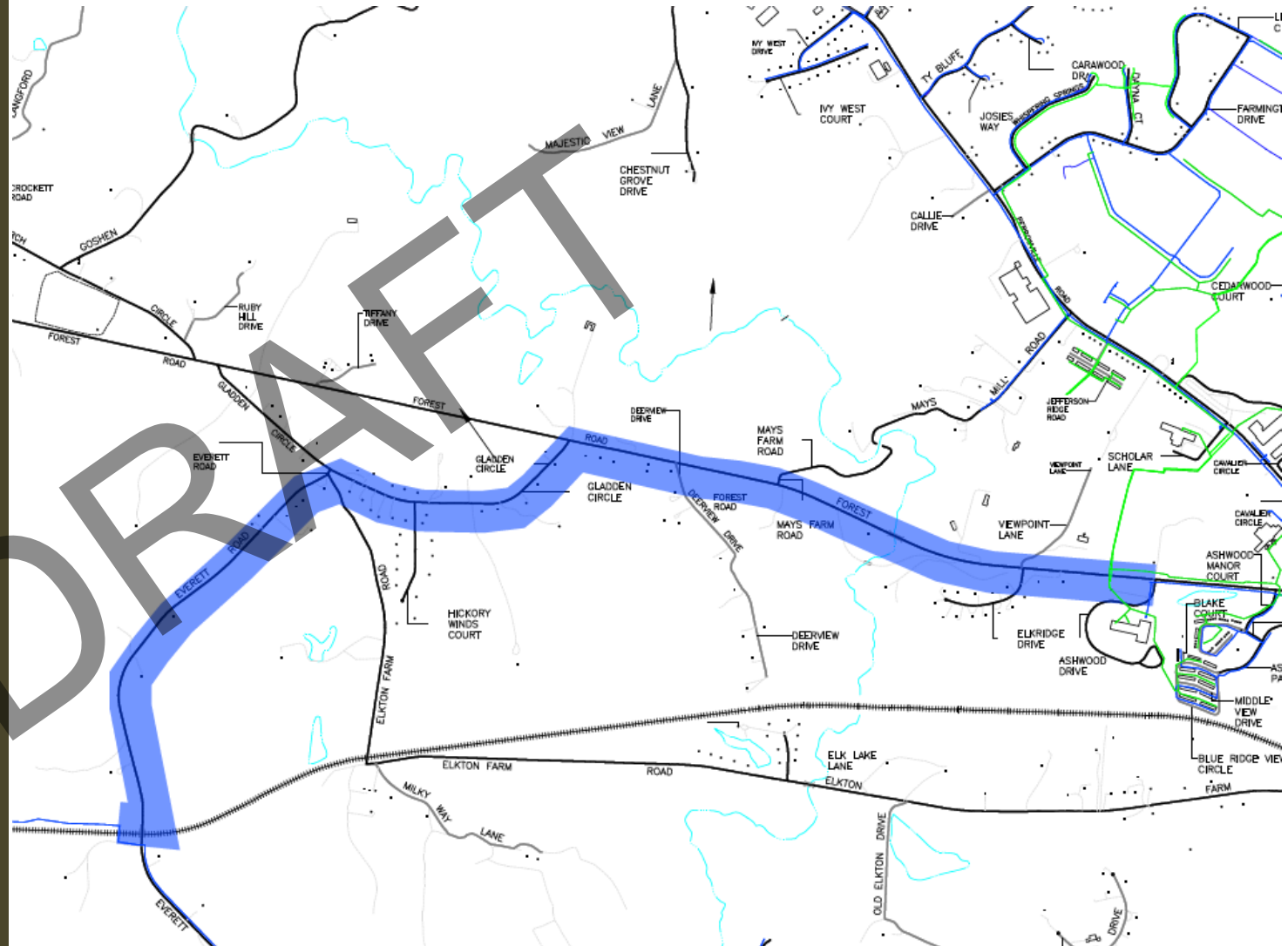
Looping waterlines at Everett Road and Canary Street to Ashwood Drive along Everett Road, Gladden Circle, and Forest Road (Route 221).

Waterlines have been extended from each direction, leaving a gap in this area along Everett Road. This project finishes a needed waterline loop for the system for greater stability. Currently there are only two water main feeds to this area, and if one must be closed for repair, additional loops are necessary to keep the system stable.

Estimated Cost: \$4,000,000

Estimated Length/Size: >3 miles of 12" – 16"

Status: Not yet funded



Cottontown Road Waterline Loop

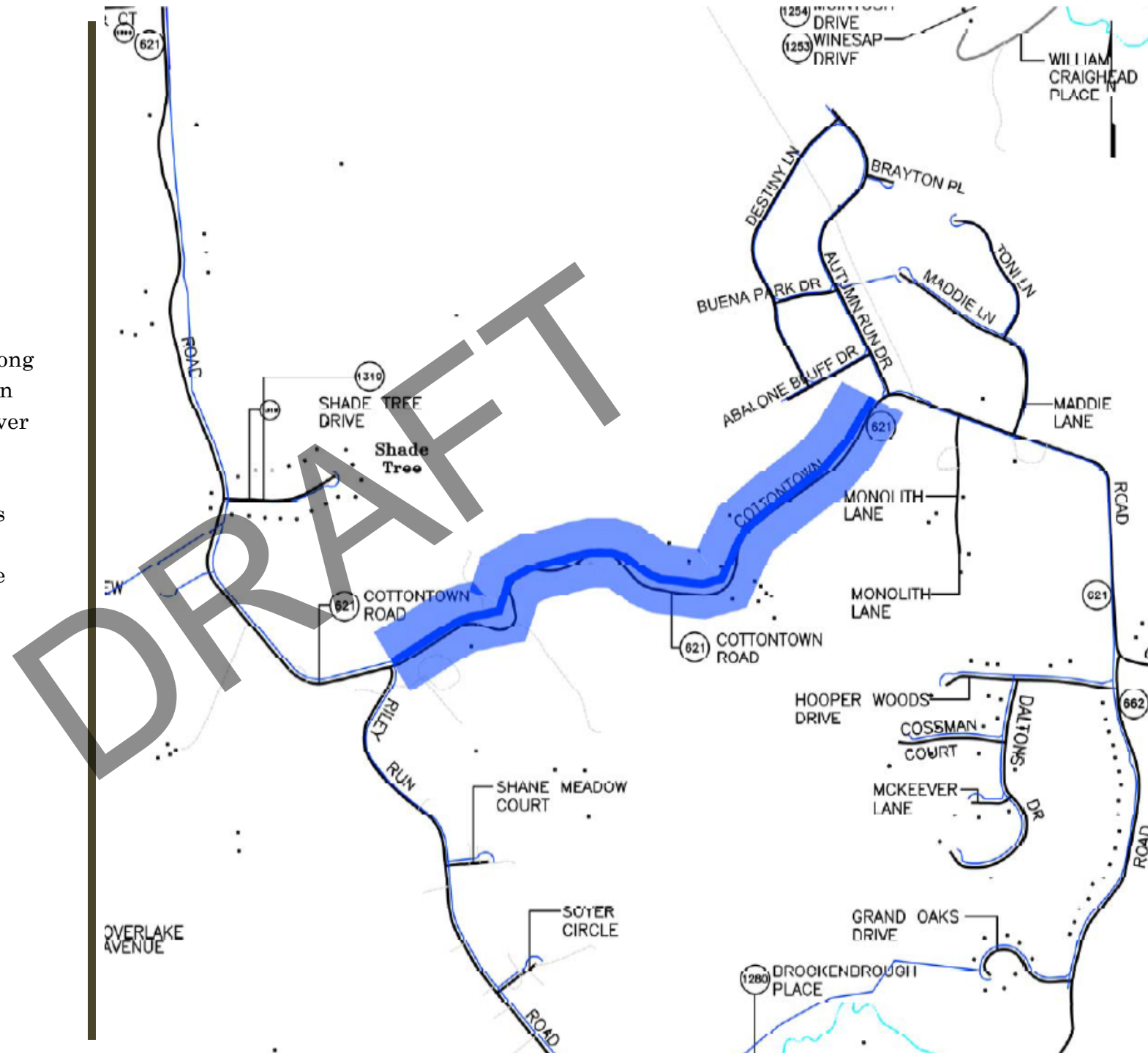
Project Description:

This project will include a waterline extension along Cottontown Road from Riley Run Road to Autumn Run Drive. This water extension will consist of over 4,800 LF looping the existing 12-inch waterline providing more stable pressures, flow, and fire suppression for the surrounding community. This loop will provide water service availability to approximately 15 existing parcels, many with the potential to develop resulting in additional customers.

Estimated Cost: \$900,000

Estimated Length/Size: >4,800 LF of 12-inch

Status: Not yet funded



Stewartsville-West Waterline Loop

Project Description:

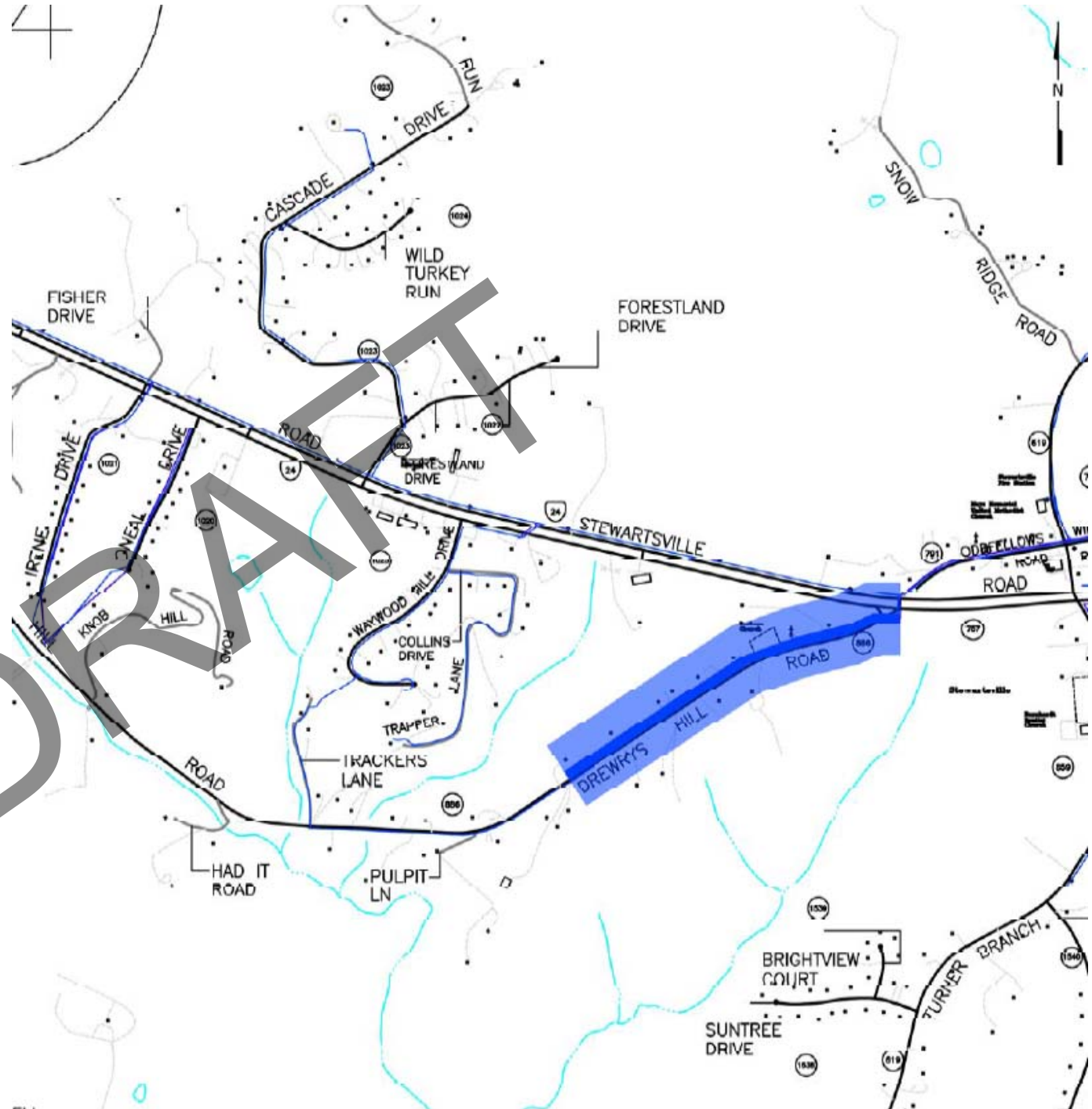
Waterline extension along Drewrys Hill Road from Pulpit Lane to Route 24 – Stewartsville Road.

This project will provide a system loop for the Waywood Hills waterline extensions. With a limited number of customers currently connected to the Stewartsville Consecutive water system, the loop is needed to assist with turnover in the lines and fresh water to the homes.

Estimated Cost: \$400,000

Estimated Length/Size: <2,400 LF of 6-inch

Status: Not yet funded



White House Road Waterline Loop

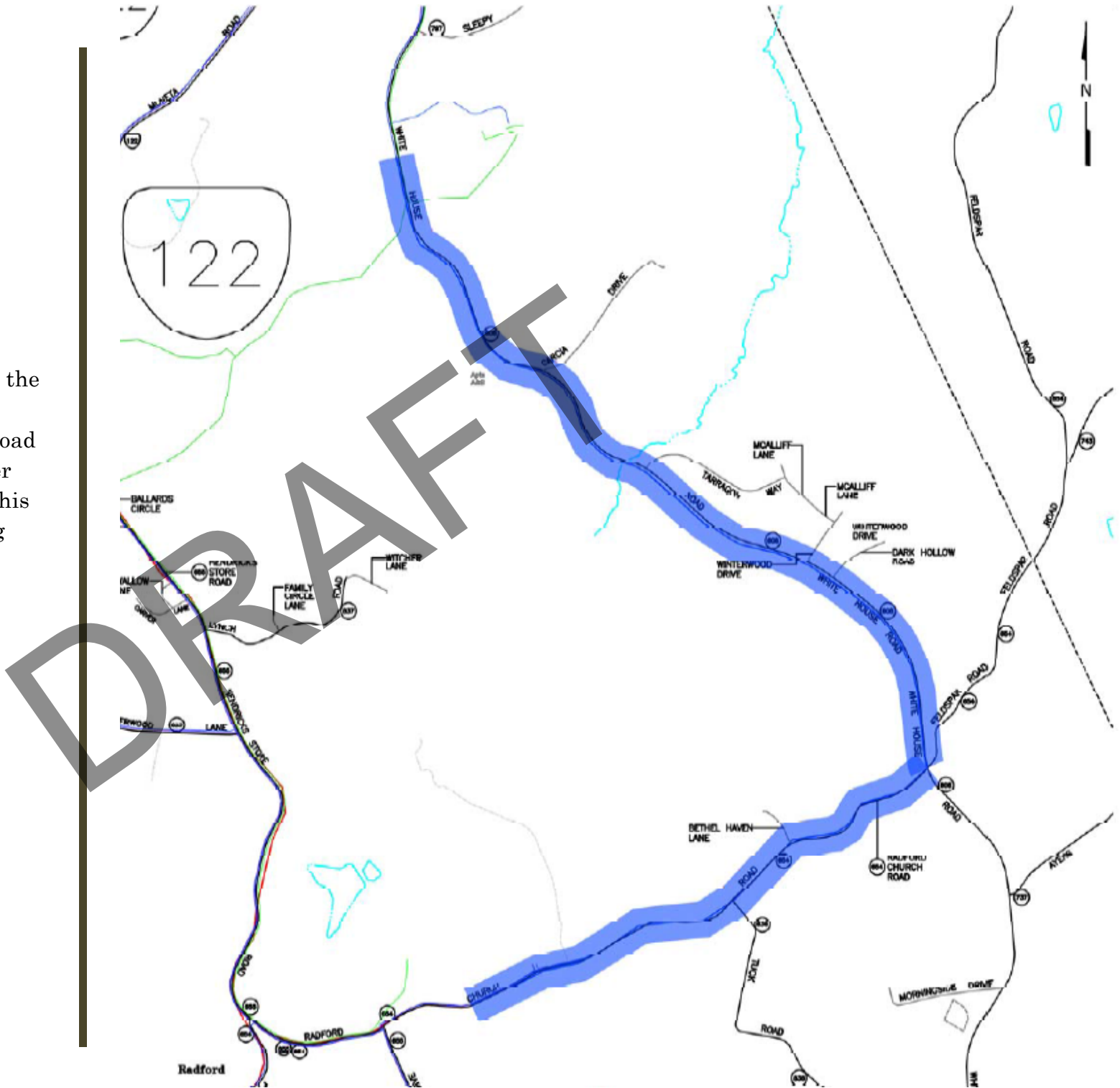
Project Description:

This project will complete the waterline loop from the SMLWTP along Radford Church Road and White House Road to the Moneta WWTP near Moneta Road (Route 122). This waterline loop will provide water service availability to over 100 existing parcels. This loop will also allow for further looping south along White House Road to Smith Mountain Lake State Parkway.

Estimated Cost: \$4,500,000

Estimated Length/Size: >3.5 miles of 8-inch

Status: Not yet funded



Goodview Waterline - SML to Sycamore Ridge

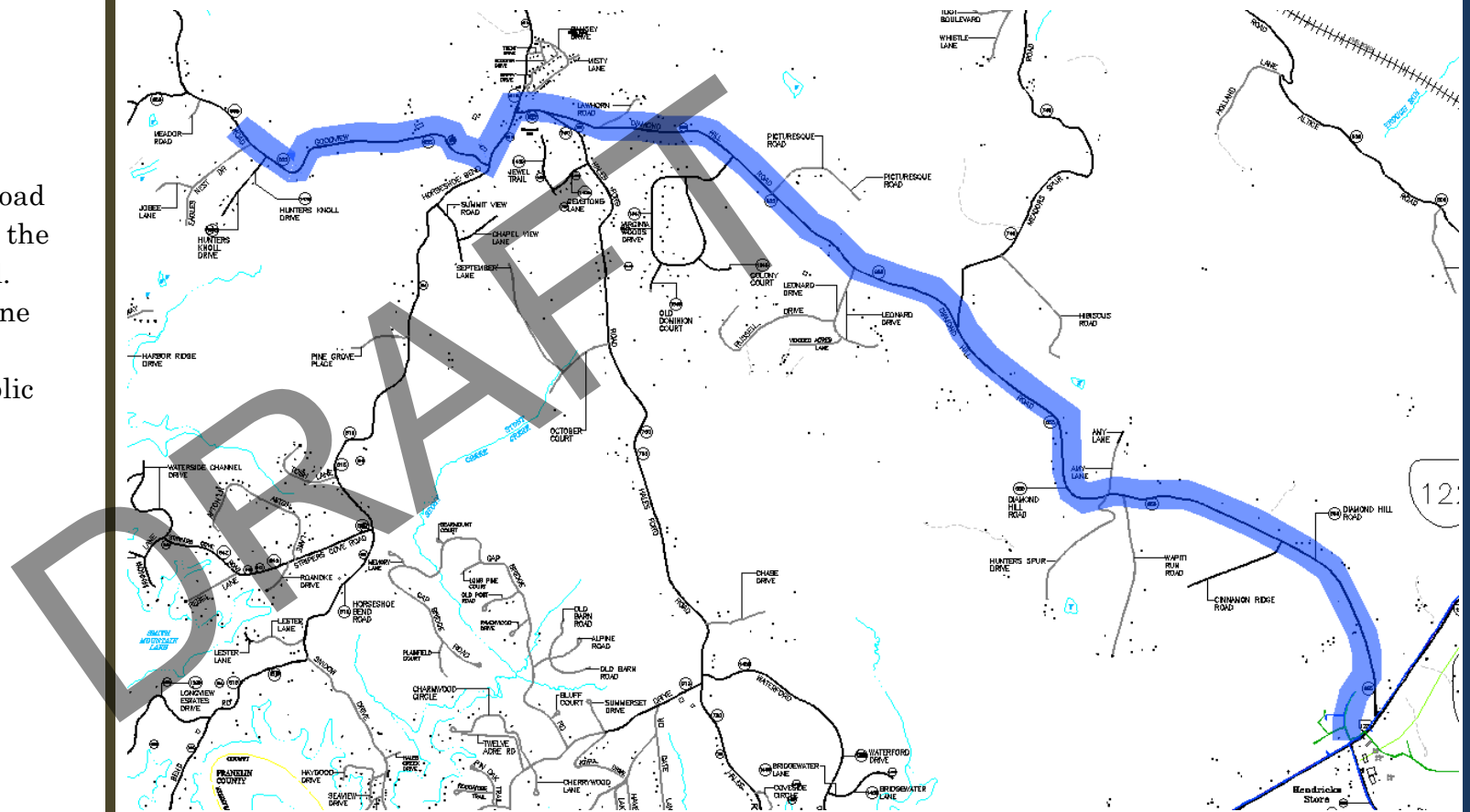
Project Description:

This project will extend waterline from Moneta Road along Diamond Hill Road to Eagles Nest Drive at the Sycamore Ridge subdivision off of Goodview Road. Multiple requests have been made for the waterline extension by current well system owners in the Goodview area. This extension would provide public water to the area and make connections more feasible.

Estimated Cost: \$5,000,000

Estimated Length/Size: >5 miles of 12-inch

Status: Not yet funded



Stewartsville Sewer

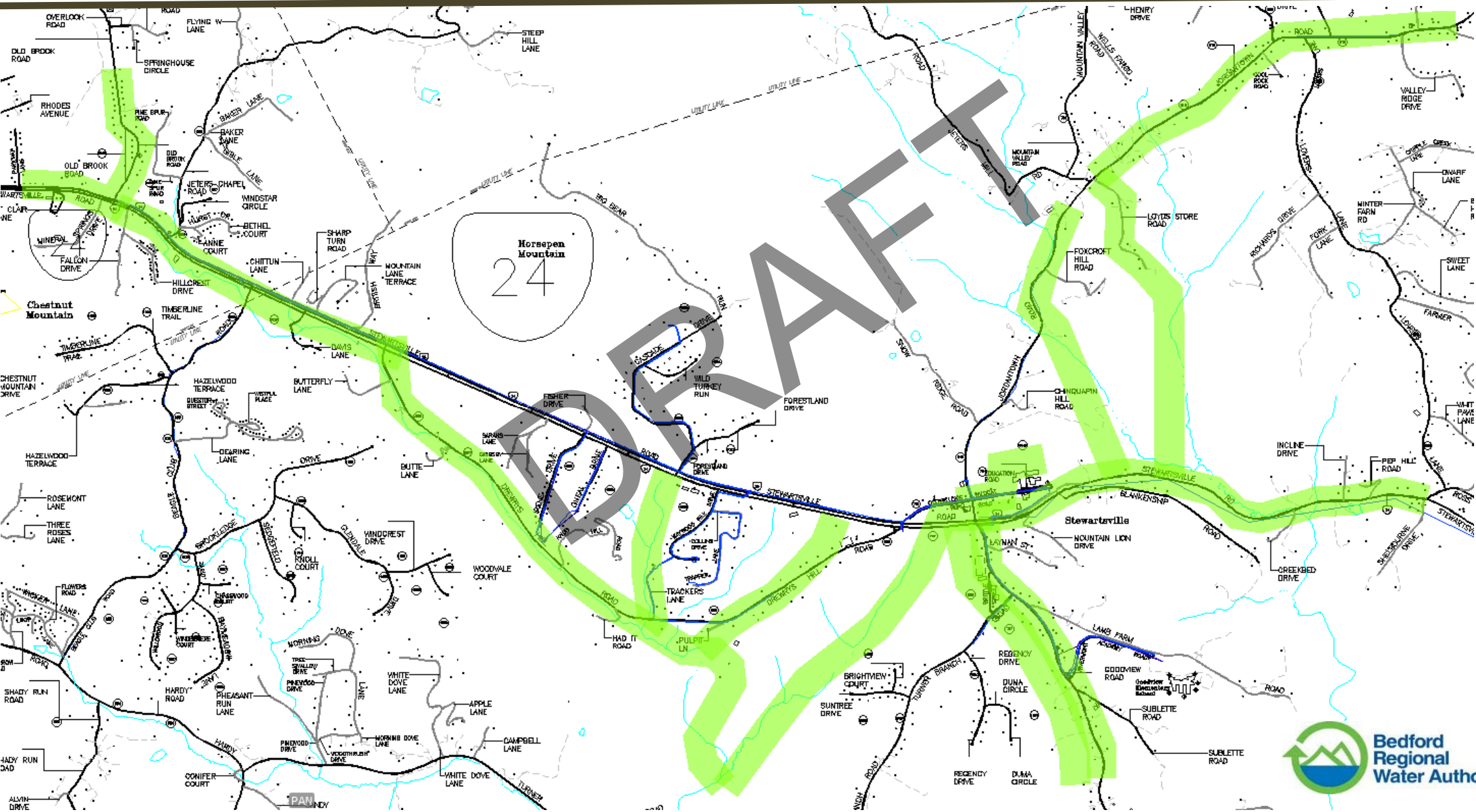
Project Description:

This project would help promote growth of water and sewer customers in the Stewartsville and Goodview areas by providing sewer availability to rural areas currently on septic systems, including residential and commercial customers.

Estimated Cost: \$20,000,000

Estimated Length/Size: TBD

Status: Not yet funded



Smith Mountain Lake Waterline – Phase 5

Project Description:

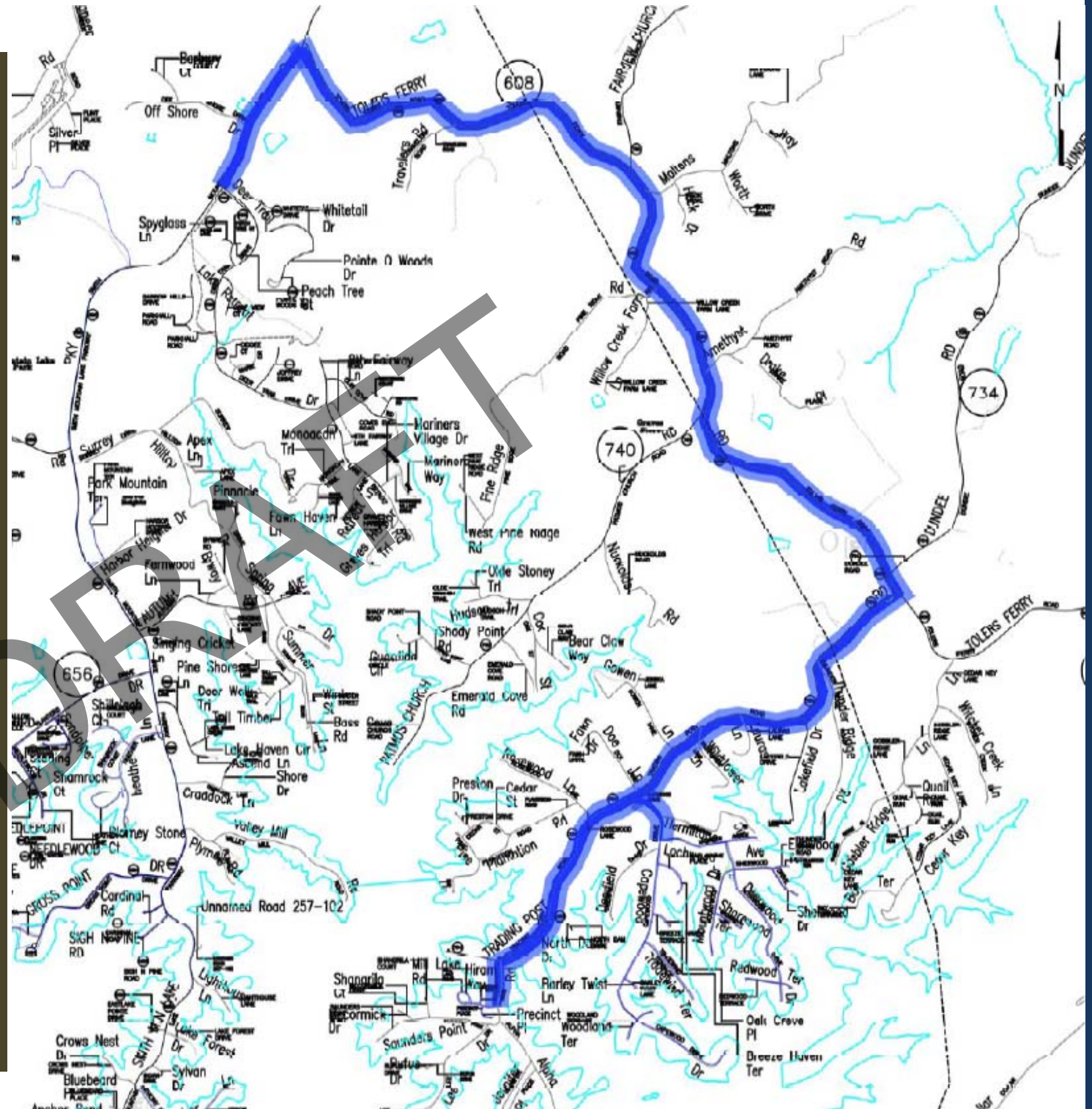
Waterline extension from Smith Mountain Lake Parkway along Tolers Ferry Road and Trading Post Road to Saunders Point Road.

The BRWA currently operates well systems in the Mountain View Shores and Valley Mills subdivisions that are located in a remote location in comparison to other facilities. Serving these subdivisions through the Mountain View Shores water system would create more cost efficiencies in the Authority's operations, eliminating two well systems and connecting them to the Lakes Central Water System. This area of the County has seen the most growth over the last year, and providing water to the area can increase the growth and tax revenue to the County, making future development around the southeastern portion of Smith Mountain Lake Parkway more feasible.

Estimated Cost: \$6,600,000

Estimated Length/Size: >6.5 miles of 8"-12"

Status: Not yet funded





RESOLUTION

2023-05.04

FY 2023-2024 Capital Improvement Projects

At a regular meeting of the Bedford Regional Water Authority ("Authority") Board of Directors, held in the Board Meeting Room at the Authority's Administrative Annex Building on the 16th day of May 2023, beginning at 7:00 p.m.:

WHEREAS, the Board of Directors of the Bedford Regional Water Authority approved the Fiscal Year 2023-2024 Operating Budget ("Operating Budget") with resolution 2023-05.03, with Total Revenues in the amount of \$19,373,762 and Cash Operating Expenses in the amount of \$17,037,064; and,

WHEREAS, the total operating coverage minus replacement capital as of July 1, 2023 is projected to be \$736,698; and,

WHEREAS the Finance Committee has reviewed the complete listing of proposed purchases and projects expenditures, and have recommended approval to the Board of Directors; now,

THEREFORE, BE IT RESOLVED, that the Board of Directors of the Bedford Regional Water Authority does hereby approve of proceeding with the FY 2024 Capital Improvement Projects presented in the amount of \$706,000 with the specific authorization given to the Executive Director to add, delete, or reprioritize the items on the attached project listing as long as the total amount of the capital expenditures does not exceed the amount listed above without further board action.

On behalf of the Finance Committee, Member _____ made a motion to approve this resolution.

Being a motion from a committee, a second motion was not needed.

Board Member Votes: ___Aye, ___Nay, ___Abstain

CERTIFICATION

The undersigned secretary of the Bedford Regional Water Authority does hereby certify that the foregoing is a true, complete, and correct Resolution adopted by a vote of a majority of the Directors of the Bedford Regional Water Authority, present at a regular meeting of the Board of Directors of the Bedford Regional Water Authority duly called and held May 16, 2023 at which a quorum was present and acting throughout, and that the same has not been amended or rescinded and is in full force and effect as of the date of the above mentioned meeting.

(SEAL)

Brian M. Key, Secretary,
Bedford Regional Water Authority

BOARD OF DIRECTORS CLOSED SESSION MOTIONS

MOTIONS TO ENTER INTO CLOSED SESSION (made while in open meeting): ^{1.}

- **MOTION – PERSONNEL:** I move that the Board of Directors go into Closed Meeting to discuss personnel matters pursuant to Section 2.2-3711 A. 1. of the Code of Virginia, 1950, as amended.
- **MOTION – REAL PROPERTY:** I move that the Board of Directors go into Closed Meeting to discuss or consider the acquisition or the disposition of real property for public purpose pursuant to Section 2.2-3711 A. 3. of the Code of Virginia, 1950, as amended.
- **MOTION – BUSINESS:** I move that the Board of Directors go into closed meeting to discuss a matter as to a business as to which no previous public announcement has been made of its intent to locate or expand in the community pursuant to Section 2.2-3711 A. 5. of the Code of Virginia (1950), as amended.
- **MOTION – LEGAL ADVICE:** I move that the Board of Directors go into Closed Meeting to consult with legal counsel retained by the Board regarding specific legal matters requiring the provision of legal advice by such counsel pursuant to Section 2.2-3711 A. 7. of the Code of Virginia (1950), as amended.
- **MOTION – LITIGATION:** I move that the Board of Directors go into Closed Meeting to receive legal advice and staff briefings with regard to matters of actual or probable litigation pursuant to Section 2.2-3711 A. 7. of the Code of Virginia, 1950, as amended.
- **MOTION – PUBLIC CONTRACT:** I move that the Board of Directors go into Closed Meeting for discussion of the award of a public contract involving the expenditure of public funds, including interviews of bidders or offerors, and discussion of the terms or scope of such contract, where discussion in open session would adversely affect the bargaining position or negotiating strategy of the Board pursuant to Section 2.2-3711 A. 29. of the Code of Virginia (1950), as amended.

MOTION TO EXIT OUT OF CLOSED MEETING (made while in closed meeting) ^{1.}

- **MOTION – EXIT CLOSED MEETING:** I move that the Board of Directors exit out of this Closed Meeting, and enter back into an Open Meeting.

MOTION ONCE OUT OF CLOSED MEETING (made while in open meeting) ^{1.}

- **MOTION – CERTIFYING CLOSED MEETING:** I move that the Board of Directors take a roll call vote certifying that to the best of the member's knowledge only public business matters lawfully exempted from open meeting requirements under the Virginia Freedom of Information Act and only such public business matters as were identified in the motion by which the closed meeting was convened were heard, discussed, or considered in the meeting by the public body.

Notes:

1. As with any motion, a second should be made, and a majority vote (roll call if desired) must be made before any of the motions are approved and acted upon.