



BOARD OF DIRECTORS

March 21st, 2023

BEDFORD REGIONAL WATER AUTHORITY

Providing quality service to everyone.





MEETING NOTES

To: BRWA Board of Directors
From: Rhonda English, PE; Deputy Director
Date: March 15, 2023
Re: Notes for the March 21, 2023 Board of Directors Meeting

The notes below correspond to the agenda items.

- 5.b. The summary of the Finance Committee meeting, which took place on March 8th, is included in the board packets. The resolution under agenda item 5.c. stems from the recommendation of the Committee.
- 5.c. **Resolution 2023-03.01:** As has been the case since the inception of the BRWA, the rates need to be adjusted again this year to comply with the equalization process set forth with the Consolidation Agreement. This is the last rate change needed to attain the equalized rate structure.
- 7.a. **Resolution 2023-03.02:** In order to renew the Authority's health insurance for our employees, we are required to provide a resolution to our insurance provider.
- 8.a. The Capital Improvement Program Projects Listing has been sorted to reflect completed projects at the end of the list. Note that some items are marked "*Complete*" where funding is being allocated to complete projects that came in at higher costs, or that were determined a lesser priority upon further review. A list of frequently used acronyms that you may find in the project reports is included.
- 8.b. The Ivy Creek Sewer project and the corresponding Lake Vista Pump Station will be reviewed with the board at this meeting as our monthly "systematic summary". A copy of the presentation is included in the packets.

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 prior to the board meeting.

AGENDA

NOTICE AND AGENDA

To: Board of Directors
From: Rhonda English – Deputy Director
Date: March 13, 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, March 21, 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/82233248781?pwd=Zlhib1NDclFycHFhYWlvZzc1aXdYUT09>
 - Meeting ID: 822 3324 8781, Password: g8XUfh
- Join the Zoom meeting with **audio only** by phone:
(646) 558 8656 -or- (651) 372 8299 -or- (786) 635 1003
 - Meeting ID: 822 3324 8781, Password: 712821
- 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 Comments
4. Approval of Minutes: February 21, 2023 – Regular Board Meeting
5. Financial Report: Presented by Jill Underwood
 - a. Financial Statements through month end February 2023
 - b. Finance Committee Meeting Summary – March 8, 2023
 - c. Resolution 2023-03.01: Advertise Rates
6. Operations Report: Presented by Thomas Cherro
7. Administration Report: Presented by Megan Pittman
 - a. Resolution 2023-03.02: Health Insurance
 - b. Public Relations Information
8. Executive Report: Presented by Rhonda English
 - a. Projects Report
 - b. Systematic Summary: Ivy Creek Sewer
9. Other business not covered on the above agenda
10. Motion to Adjourn

MINUTES

**Bedford Regional Water Authority – Board of Directors
Regular Board Meeting – Minutes
February 21, 2023**

A regular meeting of the Board of Directors of the Bedford Regional Water Authority (“Bedford Water”) was held on Tuesday, February 21, 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.
Rusty Mansel
Michael Moldenhauer (Virtually)
John Sharp

Members Absent:..... Kevin Mele

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 (Virtually)

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. Welcome New Board Member
4. Public Comments
5. Approval of Minutes: January 17, 2023 – Regular Board Meeting
6. Executive Report: Presented by Brian Key
 - a. Carpe Diem / Source 4
 - b. Systematic Summary: Stoney Creek Reservoir
 - c. January 31, 2023 Meeting with Board of Supervisors Water and Sewer Committee
 - i. ARPA funding
 - ii. Sunset Clause
7. Financial Report: Presented by Jill Underwood
 - a. Financial Statements through month end January 2023
 - b. Exception to Policy 2.40 Adjustments
8. Operations Report: Presented by Tom Cherro
9. Administration Report: Presented by Megan Pittman
 - a. Public Relations Information
 - b. Professional Photos

c. Charity Support

10. Projects Report: Presented by Rhonda English

11. Other business not covered on the above agenda

12. Motion to Adjourn

3. Welcome New Board Member

Mr. Flynn welcomed Mr. John Sharp as the new board member. He is a District 4 Supervisor for Bedford County. Mr. Sharp said that he hoped to be an open channel between the Board of Supervisors and the BRWA.

4. Public Comments

There were no public comments.

5. Approval of Minutes: January 17, 2023 - Regular Meeting

The regular Board Meeting Minutes from January 17, 2023, were reviewed.

Member Gray made a motion to approve the minutes.

Member Mansel seconded the motion.

- Board member votes: 5 Aye; 0 Nay; 1 Abstain. The motion carried.

6. Executive Report: Presented by Brian Key

a. Carpe Diem / Source 4

There were two members, Dan Siadak and Todd Winterfeldt, from Carpe Diem and Source 4 to speak on this topic. Mr. Winterfeldt said that the building was built in 1991 and had an 8-inch fire suppression pipe and a 1.5-inch pipe for water usage. A gym was built in one wing of the building and the water bill became about \$500-\$600 per month. The gym went out of business during Covid; the bill was about \$700 per month at that time. A 43,000-square-foot warehouse addition was built that had no water usage except fire suppression. A meter vault had to be built for \$80,000 and a pump house for \$140,000. A \$24,400 bill was received from the BRWA for the difference in Capital Recovery Fees between the previous 1.5-inch meter and the 2-inch meter of the new 8-inch by 2-inch assembly. The base water charge went from \$90 to \$1,470. They met with Mr. Key and he suggested that they consider the feasibility of switching out the 8-inch by 2-inch meter assembly with a 6-inch by 1.5-inch meter which would help reduce fees. The fire suppression company would not sign off on this and no contractors would perform this without the fire company's approval. They would like to see if there is any grant money or financial assistance available from the BRWA. Their water/sewer bill is around \$2400 a month.

Mr. Key explained the history of how the BRWA charges on the large size of the meter for fire suppression when Capital Recovery Fees are paid on the smaller meter size. The businesses pay for the capability to use the water. Mr. Key explained that the BRWA has a small economic development fund that the BRWA can use to match what the EDA grants.

The board asked clarifying questions.

b. Systematic Summary: Stoney Creek Reservoir

Mr. Key presented a slideshow with the history of the Stoney Creek Reservoir.

c. January 31, 2023 Meeting with Board of Supervisors Water and Sewer Committee

i. ARPA funding

There are three projects identified that would be beneficial to receive ARPA funds: Ivy Creek Sewer, Route 460 Water Booster Station, and Helm Street Tank.

ii. Sunset Clause

There was a request that after the capital cost is recovered for fire suppression, the customer is then charged base fees on the small side of the meter. Eventually, revenue will decline if this is put into place and it would need to be made up in other ways. On the management side, this would be challenging to do based on the length of time for this clause to go into effect. The board discussed the pros and cons of this issue.

7. Financial Report: Presented by Jill Underwood

a. Financial Statements through month end January 2023

For the Customer Service report, the usage and revenue for bulk water usage is not reported (lines 31-33), due to damaged equipment due to the cold at the end of December. The required parts are on order.

The budget goal was 58% for January with operating revenues at 72% and operating expenses at 49%. There is a discrepancy with sewer revenue for January. The correction was made in February and will be reflected in February's financials. Capital Recovery fees received this FY are 89% of the total budgeted amount, with water at 91% and sewer at 84%.

The BRWA is working on an RFP for audit services, including a single audit that will be required due to the funding for the Ivy Creek project.

There is a new accounting standard for this year, related to subscription-based information technology agreements. Staff are working to collect agreements for review and implementation.

Finance is working on the first draft of the FY 2024 budget. The Finance Committee meets on March 8th.

b. Exception to Policy 2.40 Adjustments

Ms. Underwood worked with a customer whose adjustment request did not meet the criteria in the adjustment policy. Since the customer asked for a sewer-only adjustment, staff used the 12 months of highest consumption, compared to the 12 months of lowest consumption to calculate a sewer adjustment in the amount of \$341.20. This adjustment was processed on his account today and is being reported to the Board based on the appeal section of the policy.

8. Operations Report: Presented by Tom Cherro

An electrical assessment was completed at Central Water Treatment Plant and the BRWA is waiting on the results to prioritize what needs to be fixed.

There is a scheduled outage for Franklin County's water supply due to a construction project. The BRWA and WVWA have been working together on this. There will be new valves installed for Bedford Weaving over the weekend to create better isolation if water needs to be shut off.

The ESCO project is 98% done at Central Wastewater Plant.

9. Administration Report: Presented by Megan Pittman

a. Public Relations Information

Ms. Pittman mentioned the one article in the board packet and asked if the board had any questions.

b. Professional Photos

Ms. Pittman has tentatively scheduled a professional photographer to take headshots for the board members before the March board meeting. She will coordinate this through email to have everyone sign up for a time slot that works best with their schedule. A group photo will be done as well.

c. **Charity Support**

There has been discussion about the BRWA supporting a charity. Ms. Pittman explained the local charities that the BRWA staff has chosen to support. Mr. Gray explained his private company's alignment with Charity: Water. He wanted to bring up for discussion if this is an organization that the BRWA would like to bring awareness to.

10. Projects Report: Presented by Rhonda English

Ms. English stated she would email the updated acronym list to the Board as she previously provided to some of the newer board members. The Ivy Creek project is underway. They are working on easement clearing and a pre-construction meeting will take place this week. The 460 pump station is substantially complete. Communication with the Town is improving, although there are still a few issues, like the new YMCA daycare that has been connected to the sewer without the BRWA's knowledge. There is a meeting with the National Park Services about the Peaks of Otter to work on sewer flow issues. There is considerable revenue loss monthly from Parks Services due to services not being properly metered and billed. Staff will also be looking into a similar setup for Bedford Weaving.

11. Other Business

There was no other business discussed.

12. Motion to Adjourn:

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

Board Member Votes: 6 Aye, 0 Nay, 0 Abstain. The motion carried.

The meeting adjourned at approximately 9:10 pm.

Prepared by Megan Pittman – Director of Administration

Approved: _____ 2023

FINANCIAL REPORT



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MEMORANDUM

To: BRWA Board of Directors
From: Jill W. Underwood, Director of Finance
Date: March 15, 2023
Re: Financial Highlights for February 2023

Customer Service Statistical Report:

The report for February is included.

Summary of Revenues & Expenses:

- 1) Budget goal is 67% for February, operating revenues are at 70% and operating expenses at 56%. Revenue is recorded; however, some categories are being reported to incorrect GL accounts (i.e. Paradise Point water has some other service areas included). We are reviewing the details and making corrections in the billing software.
- 2) Capital Recovery fees received this FY are 92% of the total budgeted amount, with water at 95% and sewer at 87%.
- 3) Account 3904-3350 Principal Forgiveness on DEQ financing for Ivy Creek- The BRWA received \$632,636 in principal forgiveness on this financing. This amount is available to use on project costs; however, we do not have to pay it back, therefore it is treated as a grant for financial reporting purposes.

Cash Flow Summary

The summary is included in your packets.

Audit

We are working on an RFP for audit services, including a single audit that will be required due to the funding for the Ivy Creek project.

Budget

The Finance Committee met and reviewed the draft of the FY 2024 budget, the budget will be presented to the Board at the meeting in April. The Finance Committee meets again on April 5th to review the capital requests.

Tracking Data for Customer Service Department

Description	March '22	April '22	May '22	June '22	July '22	August '22	September '22	October '22	November '22	December '22	January '23	February '23	Running 12 Month Totals
1 Statements Mailed	14,852	14,424	14,230	14,244	14,270	14,654	14,365	14,345	14,277	14,270	14,286	14,293	172,510
2 Statements Sent Electronically	6,667	6,634	6,860	6,811	6,850	6,903	7,225	7,287	7,333	7,378	7,569	7,640	85,157
3 Total of Payments Received	13,406	12,376	13,994	13,357	12,687	13,912	12,917	13,530	12,178	13,718	13,697	12,354	158,126
4	\$1,288,604.40	\$1,391,603.64	\$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	\$16,927,394.16
5	2,751	2,350	2,445	2,569	2,378	2,537	2,320	2,300	2,224	2,477	2,301	2,153	28,805
6 Bill Payer Payments	\$173,675.37	\$144,585.18	\$155,905.05	\$170,438.41	\$172,093.33	\$173,776.76	\$155,563.79	\$164,648.88	\$152,260.72	\$164,059.07	\$147,899.66	\$144,196.63	\$1,919,102.85
7	20.5%	19.0%	17.5%	19.2%	18.7%	18.2%	18.0%	17.0%	18.3%	18.1%	16.8%	17.4%	18.2%
8	136	102	64	59	44	25	8	3	3	4	2	8	458
9 Paymentus Payments	\$9,974.20	\$8,258.02	\$5,198.32	\$4,240.28	\$4,641.75	\$1,922.88	\$660.93	\$120.46	\$183.08	\$327.00	\$183.16	\$1,138.64	\$36,848.72
10	1.0%	0.8%	0.5%	0.4%	0.3%	0.2%	0.1%	0.0%	0.0%	0.0%	0.0%	0.1%	0.3%
11	3,046	3,124	3,326	3,247	3,566	3,496	3,709	3,792	3,715	3,766	3,885	3,844	42,516
12 Invoice Cloud Payments	\$306,516.07	\$294,384.09	\$310,665.87	\$286,808.76	\$348,035.16	\$333,377.44	\$337,901.23	\$385,501.84	\$364,287.79	\$334,935.34	\$357,506.80	\$364,330.58	\$4,024,250.97
13	22.7%	25.2%	23.8%	24.3%	28.1%	25.1%	28.7%	28.0%	30.5%	27.5%	28.4%	31.1%	26.9%
14	1,842	1,823	1,824	1,829	1,836	1,850	1,856	1,884	1,876	1,905	1,889	1,956	22,370
15 Automatic Draft Payments (ACH)	\$114,841.24	\$111,435.01	\$122,188.16	\$119,696.26	\$135,730.58	\$144,092.76	\$129,325.05	\$141,887.31	\$134,856.00	\$139,247.72	\$124,188.98	\$148,890.15	\$1,566,379.22
16	13.7%	14.7%	13.0%	13.7%	14.5%	13.3%	14.4%	13.9%	15.4%	13.9%	13.8%	15.8%	14.1%
17 Account Transfers	75	99	135	380	173	154	185	121	266	160	152	170	2,070
18 New Customers - Forest	13	22	10	18	5	104	28	4	5	2	6	8	225
19 New Customers - SML	-	5	4	4	2	8	2	3	4	2	7	1	42
20 Residential Disconnected Customers	-	117	109	92	85	94	99	100	85	-	101	68	950
21	\$0.00	\$36,206.87	\$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	\$208,292
22 Meters Read - Normal and Transfer Readings	14,773	14,801	14,809	14,733	14,754	14,790	14,685	14,585	14,488	14,509	14,534	14,573	176,034
23 Radio Read Meters	14,479	14,537	14,587	14,531	14,575	14,611	14,425	14,416	14,338	14,360	14,430	14,496	173,785
24 Manually Read Meters	294	247	222	202	179	179	179	169	150	149	104	77	2,151
25 Tower Read Meters	3,060	3,329	3,387	2,757	3,349	2,160	2,722	2,641	2,460	2,594	3,027	2,924	34,410
26 New Meter Installs	21	17	25	22	21	36	15	8	18	11	18	9	221
27 Broken Meters Replaced	9	-	-	-	-	35	29	19	15	33	24	27	191
28 Meters Changed - Program	132	130	25	24	23	-	-	14	-	-	11	35	394
29 Connections paid for but not installed	310	313	327	349	356	347	377	393	303	315	297	272	N/A
30 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
31 Bulk Water Sales - New London (Gallons)	12,975	10,800	46,730	47,285	22,782	18,255	6,942	26,515	26,140	3,050	-	3,050	224,524
32 Bulk Water Sales - Moneta (Gallons)	3,175	5,201	21,821	55,600	14,960	29,930	8,720	22,570	11,180	700	-	700	174,557
33 Bulk Water Sales - Central Distr (Gallons)	8,200	17,300	138,300	96,700	83,200	12,825	16,265	52,520	9,200	17,500	-	20,600	472,610
34 Total Bulk Water Sales	\$292.20	\$399.61	\$2,482.21	\$2,395.02	\$1,451.30	\$732.12	\$383.12	\$1,219.26	\$558.24	\$255.00	\$0.00	\$292.20	\$10,460.29

Bedford Regional Water Auth.
Balance Sheet
For the Eight Months Ending Tuesday, February 28, 2023

		<u>7/1/2022</u>	<u>Feb 2023</u>
		<u>Beginning</u>	<u>Actual</u>
ASSETS			
1000:1000	Cash	\$4,899,990.01	\$6,850,714.95
1001	Restricted Investments	10,056,754.45	19,979,865.99
1002:1002	Prepaid Expenses	755,585.59	733,573.19
1101:1101	Accounts Receivable	4,262,201.48	4,604,955.01
1102	Accounts Receivable Other	312,979.48	704,614.75
1200	Inventory	511,260.41	1,430,167.71
1202	Loan Related Assets	3,934.66	3,934.66
1250	Construction In Progress	7,560,947.50	12,267,495.23
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		689,254.61
1900	Depreciation	<u>(73,817,992.44)</u>	<u>(73,817,992.44)</u>
	Total assets	<u>132,048,404.95</u>	<u>150,949,327.47</u>
LIABILITIES			
2000	Accounts Payable	(1,510,085.37)	(1,180,038.56)
2001	Customer Liabilities	(483,257.87)	(512,685.81)
2100	Employee Liabilities	(696,354.41)	(563,718.72)
2200	Notes Payable	(40,490,614.90)	(50,588,414.40)
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	<u>(133,085,291.45)</u>	<u>(142,749,836.39)</u>
	Operating Surplus/ (Loss)	(1,036,886.50)	8,199,491.08

Bedford Regional Water Auth.
Balance Sheet
For the Eight Months Ending Tuesday, February 28, 2023

		<u>7/1/2022</u>	<u>Feb 2023</u>
		<u>Beginning</u>	<u>Actual</u>
ASSETS			
Cash:			
1000-0000	Change Box for CS	350.00	350.00
1000-0001	Petty Cash	16.57	16.57
1000-0002	Truist Checking Account	1,026,445.26	4,868,498.34
1000-0004	Cash Drawer	225.00	225.00
1000-0011	LGIP Operating Reserves Fund	323,682.44	330,197.88
1000-1000	VA Investment Pool-Capital Projects Reserve	2,508,883.89	605,601.43
1000-2000	VA Investment Pool- Operating Reserves	1,040,386.85	1,063,698.74
1000-0005	Cash Suspense Account (for F.A.)		(17,873.01)
	Total Cash	4,899,990.01	6,850,714.95
Restricted Investments:			
1001-0001	Deposit Refund Program Fund	359,661.65	359,661.65
1001-0010	Debt Service Accumulation Fund	2,462,452.47	427,734.20
1001-0020	Reserve for future capital projects	663,502.47	664,126.88
1001-0021	County Funds for New Projects	101,931.35	133,852.81
1001-0022	SML WTF Depreciation Fund W/WWA	471,329.02	481,890.04
1001-0023	BRWA Cell Tower Funds	327,966.19	345,913.55
1001-0024	SML WTF Depreciation Fund- BRWA portion	471,329.01	481,890.03
1001-0025	Vehicle and Equipment Replacement Fund	682,438.43	659,169.24
1001-0030	Information Systems Replacement Fund	228,845.33	256,697.39
1001-0035	Meter Replacement Fund	503,735.46	117,198.84
1001-0040	Sewerline Replacement Fund	825,862.76	986,862.76
1001-0045	Waterline Replacement Fund	364,757.70	231,970.70
1001-0050	Tank Rehab	322,995.76	371,995.76
1001-1010	VA Investment Pool- Reserve Fund	435,736.87	431,688.91
1001-1020	LGIP Repairs & Maintenance Reserve	24,085.63	24,085.63
1001-1025	VRA Debt Service Reserve Fund	1,771,632.63	1,753,792.76
1001-1100	Escrow Account	38,491.72	38,491.72
1001-1220	DEQ (Ivy Creek) Construction Fund		12,212,843.12
	Total Restricted Investments	10,056,754.45	19,979,865.99
Prepaid Expenses:			
1002-1000	Prepaid Insurance	104,265.53	115,237.92
1002-1001	Prepaid Dues/Service Contracts	36,819.06	3,834.27
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	733,573.19
Accounts Receivable:			
1101-1000	Billings Receivable Water	2,552,181.64	1,237,384.49
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	1,586,327.68
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)	(362,867.06)
1101-4002	Payment Arrangement AR- Water	(154.96)	(154.96)
1101-4003	Sewer Penalties A/R	11,664.05	18,220.38
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	707,079.00

Bedford Regional Water Auth.
Balance Sheet
For the Eight Months Ending Tuesday, February 28, 2023

		<u>7/1/2022</u>	<u>Feb 2023</u>
		<u>Beginning</u>	<u>Actual</u>
1101-5002	Returned Check A/R	858.63	1,031.08
1101-5003	Sewer Capital Recovery Fees A/R	40,563.73	347,163.73
1101-5005	Reconnect Fee A/R	16,293.26	17,867.46
1101-6000	Water Account Charge A/R	12,593.53	8,690.20
1101-6003	Sewer Account Charges A/R	4,657.59	7,582.59
1101-7001	Water Deposits A/R	(45,211.60)	(48,894.64)
1101-7003	Sewer Deposits A/R	20,948.25	20,948.25
1101-7500	Meter Base Installation Fee A/R	71,163.43	140,963.43
1101-7502	A/R- Sewer Clean-Out Installation Fee	16,700.00	36,600.00
1101-7504	Sewer Pump Maintenance A/R	3,829.77	8,590.05
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	71,535.05
1101-7508	A/R- Industrial Pretreatment	(749.99)	(7,562.44)
1101-7510	SGP Review and Inspections A/R	(130.06)	(6,977.60)
1101-8000	Misc. Charges Receivable	(1.00)	(1.00)
1101-8002	NSF holding/clearing account	50.51	76.46
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)	(115,554.15)
	Total Accounts Receivable	<u>4,262,201.48</u>	<u>4,604,955.01</u>
Accounts Receivable Other:			
1102-0001	Miscellaneous Accounts Receivable	312,979.48	704,614.75
	Total Accounts Receivable Other	<u>312,979.48</u>	<u>704,614.75</u>
Inventory:			
1200-0001	Maintenance Inventory	344,698.52	483,943.73
1200-0002	Meter Inventory	166,561.89	946,223.98
	Total Inventory	<u>511,260.41</u>	<u>1,430,167.71</u>
Loan Related Assets:			
1202-0009	VRA 2014 Cash Account (per docs)	3,934.66	3,934.66
	Total Loan Related Assets	<u>3,934.66</u>	<u>3,934.66</u>
Construction In Progress:			
1250-0317	CIP- Website Development Project	22,000.00	61,190.00
1250-0318	Town & Country WATER Replacement	11,200.00	35,900.00
1250-0320	CIP- Paradise Point Waterline	101,098.86	111,766.94
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	611,066.92
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	38,640.80
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	136,585.00
1250-0383	CIP- Ivy Creek Sewer	1,259,112.09	2,935,144.56
1250-0390	CIP- 460 Booster Station	1,409,353.60	2,056,820.20
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
1250-0321	CIP- Billing System Upgrade		19,637.56
1250-0324	Central Sewer Pump Station 7		70,039.00
1250-0331	CIP- Laurel Street Waterline		6,146.18
1250-0332	Stoney Creek Reservoir Drain Analysis		27,385.56
1250-0359	Board Room Improvements		16,180.11
1250-0361	SCADA Reliability Improvements		53,010.00

Bedford Regional Water Auth.
Balance Sheet
For the Eight Months Ending Tuesday, February 28, 2023

		<u>7/1/2022</u> <u>Beginning</u>	<u>Feb 2023</u> <u>Actual</u>
1250-0363	BRWA Office Complex Improvements		5,000.00
1250-0399	CIP- Galax St. WATER		76,378.82
	Total Construction In Progress	7,560,947.50	12,267,495.23
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		689,254.61
	Total Fixed Asset Clearing Account		689,254.61
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	150,949,327.47
LIABILITIES			
Accounts Payable:			
2000-1000	Accounts Payable	(1,436,523.93)	(695,067.78)
2000-1005	Retainage Payable	(73,561.44)	(484,970.78)
	Total Accounts Payable	(1,510,085.37)	(1,180,038.56)

Bedford Regional Water Auth.
Balance Sheet
For the Eight Months Ending Tuesday, February 28, 2023

		<u>7/1/2022</u> <u>Beginning</u>	<u>Feb 2023</u> <u>Actual</u>
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	65,849.24
2001-0004	Liability for Sureties Held	(5,250.00)	(5,250.00)
2001-0005	Liability for Easement Condemnations	(4,394.72)	(4,394.72)
2001-1000	Water Deposits	(96,965.87)	(134,585.61)
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)	(512,685.81)
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	(14,673.20)
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)	(2,870.76)
2100-0600	VRS Mandatory Cash Match- Hybrid	1.25	1.25
2100-0750	Optional Life Insurance Payable	600.39	(106.20)
2100-0800	AFLAC Withholding Payable	1,669.67	(886.43)
2100-0900	Outstanding Payables Checks	(49.83)	(49.83)
2100-0200	State Withholding Payable		(28,396.89)
	Total Employee Liabilities	(696,354.41)	(563,718.72)
Notes Payable:			
2200-0115	Current Maturities Long-Term Debt	0.40	3,240,657.90
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)
	Total Notes Payable	(40,490,614.90)	(50,588,414.40)
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:			

Bedford Regional Water Auth.
 Balance Sheet
 For the Eight Months Ending Tuesday, February 28, 2023

		<u><i>7/1/2022</i></u> <u><i>Beginning</i></u>	<u><i>Feb 2023</i></u> <u><i>Actual</i></u>
2999-0000	Retained Earnings	(87,621,566.54)	(87,621,566.54)
	Total Retained Earnings	<u>(87,621,566.54)</u>	<u>(87,621,566.54)</u>
	Total liabilities	(133,085,291.45)	(142,749,836.39)
	Operating Surplus/ (Loss)	(1,036,886.50)	8,199,491.08

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Eight Months Ending Tuesday, February 28, 2023

	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>	
OPERATING REVENUE						
3000-3000	Water Sales	(\$665,821.70)	(\$5,650,912.91)	(\$9,937,316.00)	(\$4,286,403.09)	57%
3100-	Sewer Sales	(424,177.62)	(4,490,965.71)	(4,748,954.00)	(257,988.29)	95%
3902	Penalties	(7,100.21)	(51,438.96)	(70,000.00)	(18,561.04)	73%
3903-	Account Charges	(3,525.00)	(25,175.00)	(60,000.00)	(34,825.00)	42%
3903-	Review Fees	(123.45)	(55,148.64)	(55,500.00)	(351.36)	99%
3900-	Interest Earned	(4,690.07)	(86,233.87)	(2,000.00)	84,233.87	4,312%
3903-	Sewer Clean Outs		(15,400.00)	(7,000.00)	8,400.00	220%
3903-3250	Meter Installation Revenues	(5,975.00)	(127,225.00)	(95,000.00)	32,225.00	134%
3903-3255	Industrial Pretreatment Revenue	(1,437.49)	(11,374.92)	(18,000.00)	(6,625.08)	63%
3903-3261	Rent/Meter Charges	(4,589.82)	(15,086.22)	(5,000.00)	10,086.22	302%
3903-	Misc	(14,766.91)	(89,383.70)	(149,528.00)	(60,144.30)	60%
3903-	Fixed Asset Disposals		(5,100.00)		5,100.00	0%
3901-	Account Default Fees	(7,565.00)	(11,160.00)	(28,000.00)	(16,840.00)	40%
3201-3275	Contract Reimbursements		(100,627.61)	(219,000.00)	(118,372.39)	46%
	Revenue from BRWA Operations	<u>(1,139,772.27)</u>	<u>(10,735,232.54)</u>	<u>(15,395,298.00)</u>	<u>(4,660,065.46)</u>	<u>70%</u>
3000-3220	Capital Recovery Fees	(41,800.00)	(1,108,700.00)	(1,200,000.00)	(91,300.00)	92%
3903-3265	Cellular Antenna Site Rental-County portion	(1,836.51)	(36,121.16)	(53,416.00)	(17,294.84)	68%
3904-3310	BOS Capital Contributions		(1,849,625.01)	(2,000,000.00)	(150,374.99)	92%
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)		676,254.49	0%
3904-3335	Contributions for DEQ Projects		(632,636.00)		632,636.00	0%
3903-3330	SML WTF Revenue	(3,489.48)	(21,122.04)	(400.00)	20,722.04	5,281%
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>(723,380.48)</u>	<u>(5,054,972.78)</u>	<u>(3,973,816.00)</u>	<u>1,081,156.78</u>	<u>127%</u>
	Total Revenue	(1,863,152.75)	(15,790,205.32)	(19,369,114.00)	(3,578,908.68)	82%
OPERATING EXPENSES						
4000 + 4002	Salaries	339,827.99	2,897,625.48	5,078,187.82	2,180,562.34	57%
4010	General Office Expenses	22,785.68	181,631.57	254,464.00	72,832.43	71%
4100	Employee Benefit & Related Expenses	161,909.74	1,120,335.93	2,155,392.00	1,035,056.07	52%
4110	Billing Expenses	7,505.50	154,672.22	237,949.00	83,276.78	65%
4120	Information Systems Expenses	5,383.08	98,940.08	192,404.00	93,463.92	51%
4130	Administration Supplies		600.33	1,746.00	1,145.67	34%
4140	Customer Service Supplies	50.00	991.12	5,301.00	4,309.88	19%
4210	Engineering Expenses	17,381.45	66,880.60	143,621.00	76,740.40	47%
4220 + 4223	Operations Expenses	210.60	1,148.61	1,600.00	451.39	72%
4221	Compliance Program Supplies	581.39	581.39	6,350.00	5,768.61	9%
4222	Pretreatment Expenses		10,936.35	29,600.00	18,663.65	37%
4225-0100	Lab Supplies	1,588.40	9,533.93	22,000.00	12,466.07	43%
4230	Maintenance Expenses	5,296.48	35,461.07	69,228.00	33,766.93	51%
4240	Vehicles & Equipment Expenses	21,239.54	186,813.54	267,727.00	80,913.46	70%
4250	Forest Water Expenses	71,164.65	490,531.53	874,145.00	383,613.47	56%
4260	Well Systems Expenses	624.83	44,039.41	36,876.00	(7,163.41)	119%
4265	SML Central Distribution Water System Expenses	802.23	20,519.50	52,008.00	31,488.50	39%
4270	Highpoint Facility Expenses	1,669.17	16,991.50	32,560.00	15,568.50	52%
4330	SMLWTF Water Treatment Expenses	27,337.98	257,775.31	542,104.00	284,328.69	48%
4275	Central Water Distribution Expenses	21,755.13	118,443.55	204,091.00	85,647.45	58%
4276	Central Water Treatment Expenses	9,268.12	109,245.29	160,788.00	51,542.71	68%
4280	Stewartsville Water Expenses	297.67	23,103.42	53,143.00	30,039.58	43%
4290	Forest Sewer Expenses	32,552.35	293,539.53	582,501.00	288,961.47	50%
4291	Central Sewer Collection System Expenses	57,936.47	164,075.31	295,250.00	131,174.69	56%
4293	Central Sewer Treatment Expenses	20,288.53	304,580.34	561,640.00	257,059.66	54%
4292	Moneta Sewer Collection System Expenses	8,184.16	37,829.61	35,000.00	(2,829.61)	108%
4294	Moneta Sewer Treatment Expenses	10,578.44	71,670.24	132,237.00	60,566.76	54%
4295	Montvale Sewer Expenses	661.10	9,642.31	26,260.00	16,617.69	37%
4296	Montvale Sewer Collection System Expenses			6,500.00	6,500.00	0%
4340	Mariners Landing Sewer Expenses	2,913.70	62,403.43	102,567.00	40,163.57	61%

Bedford Regional Water Auth.
 Summary of Revenue & Expenditures
 For the Eight Months Ending Tuesday, February 28, 2023

	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>
4350 Cedar Rock Sewer Expenses	1,501.75	18,127.83	36,200.00	18,072.17	50%
4360 Paradise Point Water Expenses	5,843.96	7,033.27	18,024.00	10,990.73	39%
4300 + 4310 Schools Sewer Expenses	2,855.27	11,559.50	30,500.00	18,940.50	38%
4315 Mariners Landing Water Expenses		79.66		(79.66)	0%
4320 Franklin County Operations	2,227.85	15,169.27	36,000.00	20,830.73	42%
Total Operating Expenditures	<u>862,223.21</u>	<u>6,842,512.03</u>	<u>12,283,963.82</u>	<u>5,441,451.79</u>	<u>56%</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		41,512.50	62,781.00	21,268.50	66%
4500-0660 2014 VRA Interest		38,640.63	77,281.00	38,640.37	50%
4500-0665 2015 VRA Interest		508,846.88	996,425.00	487,578.12	51%
4500-0650 Assumed Debt from City		65,305.31	65,475.00	169.69	100%
4500-0670 VRA 2019 Interest		24,471.88	24,472.00	0.12	100%
4500-0675 VRA 2020 Interest (ESCO project)		69,425.01	134,109.00	64,683.99	52%
Total Interest and Debt Service		<u>748,202.21</u>	<u>1,362,297.00</u>	<u>614,094.79</u>	<u>55%</u>
Total Exp., Depr. and Debt Service	862,223.21	7,590,714.24	18,233,860.82	10,643,146.58	42%
Total Revenues Less Oper Expense	(1,000,929.54)	(8,199,491.08)	(1,135,253.18)	7,064,237.90	722%
Gross Cash Before Capital Exp	<u>(1,000,929.54)</u>	<u>(8,199,491.08)</u>	<u>(1,135,253.18)</u>	<u>7,064,237.90</u>	<u>722%</u>
Less non-debt Capital Contributions	(679,743.97)	(1,330,012.53)	(220,400.00)	1,109,612.53	603%
Earnings/(loss) before BRWA Capital Outlays	<u>(321,185.57)</u>	<u>(6,869,478.55)</u>	<u>(914,853.18)</u>	<u>5,954,625.37</u>	<u>751%</u>

Bedford Regional Water Auth.
Summary of Revenue & Expenditures
For the Eight Months Ending Tuesday, February 28, 2023

		<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>
OPERATING REVENUE						
Water Sales:						
3000-3000	Water Sales	(649,069.17)	(5,473,604.99)	(9,793,780.00)	(4,320,175.01)	56%
3000-3050	Contract Water Sales	(7,764.13)	(102,069.75)	(130,000.00)	(27,930.25)	79%
3000-3100	Paradise Point Water	(8,988.40)	(75,238.17)	(13,536.00)	61,702.17	556%
	Total Water Sales	<u>(665,821.70)</u>	<u>(5,650,912.91)</u>	<u>(9,937,316.00)</u>	<u>(4,286,403.09)</u>	<u>57%</u>
Sewer Sales:						
3100-3000	Sewer Sales	(419,304.26)	(4,461,339.91)	(4,715,854.00)	(254,514.09)	95%
3100-3025	Mariners Landing Sewer	(1,934.00)	(5,687.60)		5,687.60	0%
3100-3050	Cedar Rock Revenue	(2,939.36)	(23,938.20)	(33,100.00)	(9,161.80)	72%
	Total Sewer Sales	<u>(424,177.62)</u>	<u>(4,490,965.71)</u>	<u>(4,748,954.00)</u>	<u>(257,988.29)</u>	<u>95%</u>
Penalties:						
3902-3211	Water Penalty Revenue	(4,722.86)	(32,612.40)	(45,000.00)	(12,387.60)	72%
3902-3213	Sewer Penalty Revenue	(2,377.35)	(18,826.56)	(25,000.00)	(6,173.44)	75%
	Total Penalties	<u>(7,100.21)</u>	<u>(51,438.96)</u>	<u>(70,000.00)</u>	<u>(18,561.04)</u>	<u>73%</u>
Account Charges:						
3903-3231	Water Account Charge Revenue	(2,125.00)	(22,250.00)	(40,000.00)	(17,750.00)	56%
3903-3233	Sewer Account Charge Revenue	(1,400.00)	(2,925.00)	(20,000.00)	(17,075.00)	15%
	Total Account Charges	<u>(3,525.00)</u>	<u>(25,175.00)</u>	<u>(60,000.00)</u>	<u>(34,825.00)</u>	<u>42%</u>
Review Fees:						
3903-3240	Engineering Review Fees	(123.45)	(21,743.64)	(50,000.00)	(28,256.36)	43%
3903-3242	Engineering Fire Flow Testing		(375.00)	(1,500.00)	(1,125.00)	25%
3903-3243	SGP Review and Inspections		(33,030.00)	(4,000.00)	29,030.00	826%
	Total Review Fees	<u>(123.45)</u>	<u>(55,148.64)</u>	<u>(55,500.00)</u>	<u>(351.36)</u>	<u>99%</u>
Interest Earned:						
3900-3250	Bank Interest Earned	(399.20)	(73,038.70)		73,038.70	0%
3900-3251	VRA Interest Earned	(4,290.87)	(13,195.17)	(2,000.00)	11,195.17	660%
	Total Interest Earned	<u>(4,690.07)</u>	<u>(86,233.87)</u>	<u>(2,000.00)</u>	<u>84,233.87</u>	<u>4,312%</u>
Sewer Clean Outs:						
3903-3245	Sewer Clean-Out Installation Fee		(15,400.00)	(7,000.00)	8,400.00	220%
	Total Sewer Clean Outs		<u>(15,400.00)</u>	<u>(7,000.00)</u>	<u>8,400.00</u>	<u>220%</u>
Meter Installation Revenues:						
3903-3250	Meter Fee Revenue	(2,975.00)	(33,425.00)	(35,000.00)	(1,575.00)	96%
3903-3260	Meter Base Installation Revenue	(3,000.00)	(93,800.00)	(60,000.00)	33,800.00	156%
	Total Meter Installation Revenues	<u>(5,975.00)</u>	<u>(127,225.00)</u>	<u>(95,000.00)</u>	<u>32,225.00</u>	<u>134%</u>
Industrial Pretreatment Revenue:						
3903-3255	Industrial Pretreatment Revenue	(1,437.49)	(11,374.92)	(18,000.00)	(6,625.08)	63%
	Total Industrial Pretreatment Revenue	<u>(1,437.49)</u>	<u>(11,374.92)</u>	<u>(18,000.00)</u>	<u>(6,625.08)</u>	<u>63%</u>
Rent/Meter Charges:						
3903-3261	Service Repairs & Equipment Rentals	(4,589.82)	(15,086.22)	(5,000.00)	10,086.22	302%
	Total Rent/Meter Charges	<u>(4,589.82)</u>	<u>(15,086.22)</u>	<u>(5,000.00)</u>	<u>10,086.22</u>	<u>302%</u>
Misc:						
3903-3262	Cellular Antenna Rental- BRWA portion	(1,989.77)	(48,076.78)	(71,124.00)	(23,047.22)	68%
3903-3263	Sewer Extension Revenue	(1,500.00)	(1,500.00)		1,500.00	0%
3903-3264	Sewer Pump Maintenance Revenue	(6,615.00)	(19,355.00)	(63,000.00)	(43,645.00)	31%
3903-3270	Miscellaneous Revenue	(4,662.14)	(14,313.56)	(5,000.00)	9,313.56	286%
3903-3275	Revenue from Communication Towers		(6,138.36)	(10,404.00)	(4,265.64)	59%

Bedford Regional Water Auth.
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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>
Total Misc	(14,766.91)	(89,383.70)	(149,528.00)	(60,144.30)	60%
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	(3,250.00)	(3,250.00)	(25,000.00)	(21,750.00)	13%
3901-3212 Return Check Revenue	(315.00)	(910.00)	(2,000.00)	(1,090.00)	46%
3901-3213 Unauthorized Service Revenue	(4,000.00)	(7,000.00)	(1,000.00)	6,000.00	700%
Total Account Default Fees	(7,565.00)	(11,160.00)	(28,000.00)	(16,840.00)	40%
Contract Reimbursements:					
3201-3275 School System Operations		(9,062.64)	(51,000.00)	(41,937.36)	18%
3904-3318 Franklin County Contract Operations		(91,564.97)	(168,000.00)	(76,435.03)	55%
Total Contract Reimbursements		(100,627.61)	(219,000.00)	(118,372.39)	46%
Revenue from BRWA Operations	(1,139,772.27)	(10,735,232.54)	(15,395,298.00)	(4,660,065.46)	70%
Capital Recovery Fees:					
3000-3220 Water Capital Recovery Fees	(30,000.00)	(760,800.00)	(800,000.00)	(39,200.00)	95%
3100-3220 Sewer Capital Recovery Fees	(11,800.00)	(347,900.00)	(400,000.00)	(52,100.00)	87%
Total Capital Recovery Fees	(41,800.00)	(1,108,700.00)	(1,200,000.00)	(91,300.00)	92%
Cellular Antenna Site Rental-County portion:					
3903-3265 Cellular Antenna Revenue- Co. portion	(1,326.51)	(32,051.16)	(47,416.00)	(15,364.84)	68%
3903-3285 Bedford County Broadband Revenue	(510.00)	(4,070.00)	(6,000.00)	(1,930.00)	68%
Total Cellular Antenna Site Rental-County portion	(1,836.51)	(36,121.16)	(53,416.00)	(17,294.84)	68%
BOS Capital Contributions:					
3904-3310 Bedford County Debt Support		(1,849,625.01)	(2,000,000.00)	(150,374.99)	92%
Total BOS Capital Contributions		(1,849,625.01)	(2,000,000.00)	(150,374.99)	92%
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)		676,254.49	0%
Total Contributions from Town	(676,254.49)	(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	(3,489.48)	(21,122.04)	(400.00)	20,722.04	5,281%
Total SML WTF Revenue	(3,489.48)	(21,122.04)	(400.00)	20,722.04	5,281%

Bedford Regional Water Auth.
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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</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	(723,380.48)	(5,054,972.78)	(3,973,816.00)	1,081,156.78 127%
	Total Revenue	(1,863,152.75)	(15,790,205.32)	(19,369,114.00)	(3,578,908.68) 82%
 OPERATING EXPENSES					
Salaries:					
4000-0010	Administration Salaries	56,257.35	459,524.96	932,277.96	472,753.00 49%
4000-0019	IT Oncall Stipend	600.00	4,564.29	7,800.00	3,235.71 59%
4000-0020	Administration Overtime	162.66	167.14	2,309.73	2,142.59 7%
4002-0010	Customer Service Salaries	31,132.00	263,079.97	405,307.40	142,227.43 65%
4002-0020	Customer Service Overtime	272.26	3,309.85	19,615.92	16,306.07 17%
4003-0010	Engineering Department Salaries	59,562.59	517,231.68	722,756.20	205,524.52 72%
4003-0019	Engineering OnCall Stipend	600.00	5,164.29	7,800.00	2,635.71 66%
4003-0020	Engineering Department Overtime	2,584.42	23,518.24	34,938.46	11,420.22 67%
4004-0010	Maintenance Department Salaries	83,865.06	690,747.61	1,212,304.00	521,556.39 57%
4004-0019	Maintenance Oncall Stipend Expense	600.00	6,214.29	34,400.00	28,185.71 18%
4004-0020	Maintenance Department Overtime	6,881.23	68,291.99	167,976.59	99,684.60 41%
4005-0010	Operations Department Salaries	93,049.38	801,569.84	1,418,315.80	616,745.96 57%
4005-0019	Operations Oncall Stipend	600.00	2,100.00		(2,100.00) 0%
4005-0020	Operations Department Overtime	3,661.04	52,141.33	112,385.76	60,244.43 46%
	Total Salaries	339,827.99	2,897,625.48	5,078,187.82	2,180,562.34 57%
General Office Expenses:					
4010-0075	Board & Committee Meetings	116.98	895.08	1,000.00	104.92 90%
4010-0100	Office Supplies	2,833.15	7,984.57	8,000.00	15.43 100%
4010-0103	Public Outreach Expenses	9.98	2,470.78	15,875.00	13,404.22 16%
4010-0110	Building Maintenance Expense	8,716.79	36,153.97	24,000.00	(12,153.97) 151%
4010-0130	Postage and Shipping Expense	1,320.80	4,929.92	8,000.00	3,070.08 62%
4010-0140	Commercial Phone Charges	139.68	6,785.63	12,120.00	5,334.37 56%
4010-0142	Cellular Phone Service	1,984.49	14,139.45	20,480.00	6,340.55 69%
4010-0150	Building Power and Utilities	1,852.31	13,491.61	16,767.00	3,275.39 80%
4010-0155	Building Fuel Costs	1,312.59	4,801.63	8,000.00	3,198.37 60%
4010-0170	Advertising	2,422.62	13,623.20	18,000.00	4,376.80 76%
4010-0175	Bank Service charges		9,451.44	16,800.00	7,348.56 56%
4010-0200	Accounting Services	84.00	36,904.00	45,000.00	8,096.00 82%
4010-0220	Legal Expenses	211.50	16,072.60	18,000.00	1,927.40 89%
4010-0400	Board of Directors Fees	1,750.00	13,750.00	21,000.00	7,250.00 65%
4010-0401	Board Mileage Reimbursements	30.79	177.69	3,360.00	3,182.31 5%
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	22,785.68	181,631.57	254,464.00	72,832.43 71%
Employee Benefit & Related Expenses:					
4100-0030	Payroll Taxes	24,618.74	225,129.69	384,656.00	159,526.31 59%
4100-0040	VRS Retirement and Group Life	3,148.55	221,608.23	470,086.00	248,477.77 47%
4100-0041	VRS Hybrid Disability Program		5,403.29	12,668.00	7,264.71 43%
4100-0050	Health Insurance	123,918.59	553,824.90	868,514.00	314,689.10 64%
4100-0055	Flexible Spending Account		1,401.60	2,500.00	1,098.40 56%
4100-0060	Worker's Compensation		1,941.00	66,018.00	64,077.00 3%

Bedford Regional Water Auth.
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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>	
4100-0065	Employee Testing		3,583.10	5,556.00	1,972.90	64%
4100-0075	Meetings	463.74	2,405.51	6,165.00	3,759.49	39%
4100-0080	Professional Dues	1,674.00	4,071.50	20,137.00	16,065.50	20%
4100-0085	Training and Education	3,217.78	43,873.49	144,845.00	100,971.51	30%
4100-0086	Continuing Education		7,878.00	13,501.00	5,623.00	58%
4100-0101	Clothing and Uniforms	1,535.97	10,074.45	46,981.00	36,906.55	21%
4100-0102	Employee & Incentive Fund	981.13	14,669.54	32,500.00	17,830.46	45%
4100-0103	Safety	2,351.24	24,471.63	73,595.00	49,123.37	33%
4100-0045	Unemployment Payments			6,000.00	6,000.00	0%
4100-0070	Mileage Reimbursements			1,170.00	1,170.00	0%
4100-0090	Whistle Blower Hotline			500.00	500.00	0%
	Total Employee Benefit & Related Expenses	161,909.74	1,120,335.93	2,155,392.00	1,035,056.07	52%
Billing Expenses:						
4110-0097	Collection Agency Expense	58.70	133.08	3,000.00	2,866.92	4%
4110-0110	Bill Processing Services	3,464.33	91,172.77	100,099.00	8,926.23	91%
4110-0112	Customer Notification Expenses		113.67	5,000.00	4,886.33	2%
4110-0120	Customer Service Software Maintenance		36,498.22	58,050.00	21,551.78	63%
4110-0125	Credit Card Processing Fees	3,430.85	23,213.38	26,250.00	3,036.62	88%
4110-0175	Courier Service	551.62	3,541.10	5,550.00	2,008.90	64%
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	7,505.50	154,672.22	237,949.00	83,276.78	65%
Information Systems Expenses:						
4120-0100	Information Systems Supplies	2,349.99	5,757.21	8,500.00	2,742.79	68%
4120-0110	Contracted Services (Network)	1,985.94	18,539.32	30,160.00	11,620.68	61%
4120-0115	Continuing Support (Software)	1,047.15	69,617.75	140,894.00	71,276.25	49%
4120-0145	Internet and WAN Communications		5,025.80	12,850.00	7,824.20	39%
	Total Information Systems Expenses	5,383.08	98,940.08	192,404.00	93,463.92	51%
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	991.12	5,301.00	4,309.88	19%
	Total Customer Service Supplies	50.00	991.12	5,301.00	4,309.88	19%
Engineering Expenses:						
4210-0100	Engineering Supplies	2,990.34	21,472.40	23,491.00	2,018.60	91%
4210-0110	Engineering Reviews	13,529.06	38,117.25	104,500.00	66,382.75	36%
4210-0141	Locating Notification Tickets	862.05	5,696.95	10,270.00	4,573.05	55%
4210-0240	Construction testing		1,594.00	5,360.00	3,766.00	30%
	Total Engineering Expenses	17,381.45	66,880.60	143,621.00	76,740.40	47%
Operations Expenses:						
4220-0100	Wastewater Operations Supplies	210.60	1,148.61	1,600.00	451.39	72%
	Total Operations Expenses	210.60	1,148.61	1,600.00	451.39	72%
Compliance Program Supplies:						
4221-0100	FROG Program Supplies	581.39	581.39	6,350.00	5,768.61	9%
	Total Compliance Program Supplies	581.39	581.39	6,350.00	5,768.61	9%
Pretreatment Expenses:						
4222-0100	Pretreatment Supplies/Expenses		9,116.35	19,600.00	10,483.65	47%
4222-0200	Backflow Supplies		1,820.00	10,000.00	8,180.00	18%
	Total Pretreatment Expenses		10,936.35	29,600.00	18,663.65	37%

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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>
Lab Supplies:					
4225-0100 Lab Supplies	1,588.40	9,533.93	22,000.00	12,466.07	43%
Total Lab Supplies	<u>1,588.40</u>	<u>9,533.93</u>	<u>22,000.00</u>	<u>12,466.07</u>	43%
Maintenance Expenses:					
4230-0100 Maintenance Supplies	5,296.48	35,461.07	69,228.00	33,766.93	51%
Total Maintenance Expenses	<u>5,296.48</u>	<u>35,461.07</u>	<u>69,228.00</u>	<u>33,766.93</u>	51%
Vehicles & Equipment Expenses:					
4240-0100 Vehicles and Equipment Supplies	3,291.85	24,059.91	43,350.00	19,290.09	56%
4240-0110 Vehicles and Equipment Contracted Services	5,660.10	74,970.77	85,000.00	10,029.23	88%
4240-0155 Vehicles & Equipment Fuel Costs	12,287.59	87,782.86	105,000.00	17,217.14	84%
4240-0162 Vehicles and Equipment Insurance			34,377.00	34,377.00	0%
Total Vehicles & Equipment Expenses	<u>21,239.54</u>	<u>186,813.54</u>	<u>267,727.00</u>	<u>80,913.46</u>	70%
Forest Water Expenses:					
4250-0100 Forest Water Supplies	1,765.63	11,440.64	35,000.00	23,559.36	33%
4250-0110 Forest Water Contracted Services	234.50	14,408.80	30,000.00	15,591.20	48%
4250-0140 Forest Water Communications	61.93	703.47	400.00	(303.47)	176%
4250-0150 Forest Water Power	653.71	3,236.66	6,000.00	2,763.34	54%
4250-0240 Forest Water Sampling and Testing	1,069.60	5,946.25	7,000.00	1,053.75	85%
4250-0300 Forest Water Purchased	67,379.28	428,536.71	690,250.00	261,713.29	62%
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%
4250-0115 Forest Water System Repairs & Improvements			3,500.00	3,500.00	0%
4250-0161 Forest Water Insurance			18,263.00	18,263.00	0%
Total Forest Water Expenses	<u>71,164.65</u>	<u>490,531.53</u>	<u>874,145.00</u>	<u>383,613.47</u>	56%
Well Systems Expenses:					
4260-0100 Well Systems Supplies	80.72	7,799.75	10,400.00	2,600.25	75%
4260-0105 Well Systems Chemicals		3,532.95	5,000.00	1,467.05	71%
4260-0110 Well Systems Contracted Services		26,465.04	9,000.00	(17,465.04)	294%
4260-0140 Wells Systems Communications		208.33		(208.33)	0%
4260-0150 Well Systems Power	504.11	3,115.49	6,000.00	2,884.51	52%
4260-0240 Well Systems Sampling and Testing	40.00	2,215.85	3,000.00	784.15	74%
4260-0410 Well Systems VDH Fees		702.00	690.00	(12.00)	102%
4260-0101 Well Systems Meter Installations			500.00	500.00	0%
4260-0115 Well Systems Repairs & Improvements			1,500.00	1,500.00	0%
4260-0161 Well Systems Insurance			786.00	786.00	0%
Total Well Systems Expenses	<u>624.83</u>	<u>44,039.41</u>	<u>36,876.00</u>	<u>(7,163.41)</u>	119%
SML Central Distribution Water System Expenses:					
4265-0100 SML Central Water Distribution Supplies	228.40	8,813.39	20,000.00	11,186.61	44%
4265-0110 SML Central Water Distribution Contracted Services		2,378.23	15,000.00	12,621.77	16%
4265-0140 SML Communications	45.21	489.69		(489.69)	0%
4265-0150 SML Central Electric	62.22	409.07		(409.07)	0%
4265-0240 SML Central Water Distribution Sampling & Testing	466.40	3,788.12	5,000.00	1,211.88	76%
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	<u>802.23</u>	<u>20,519.50</u>	<u>52,008.00</u>	<u>31,488.50</u>	39%
Highpoint Facility Expenses:					
4270-0110 Highpoint Facility Contracted Services		3,555.00	7,000.00	3,445.00	51%
4270-0150 Highpoint Facility Power	1,669.17	10,692.13	14,000.00	3,307.87	76%
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%
4270-0105 Highpoint Facility Chemicals			1,000.00	1,000.00	0%
4270-0161 Highpoint Facility Insurance			5,740.00	5,740.00	0%
Total Highpoint Facility Expenses	<u>1,669.17</u>	<u>16,991.50</u>	<u>32,560.00</u>	<u>15,568.50</u>	52%

Bedford Regional Water Auth.
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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>
SMLWTF Water Treatment Expenses:					
4330-0100	SMLWTF Water Treatment Supplies	1,126.83	25,384.64	33,000.00	7,615.36 77%
4330-0105	SMLWTF Water Treatment Chemicals	3,807.91	47,707.87	55,000.00	7,292.13 87%
4330-0110	SMLWTF Water Treatment Contracted Services	400.00	11,076.19	208,750.00	197,673.81 5%
4330-0140	SMLWTF Water Treatment Communications		1,403.84	780.00	(623.84) 180%
4330-0150	SMLWTF Water Treatment Power	21,912.64	162,887.17	210,000.00	47,112.83 78%
4330-0240	SMLWTF Water Treatment Sampling & Testing	90.60	1,815.60	8,750.00	6,934.40 21%
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	27,337.98	257,775.31	542,104.00	284,328.69 48%
Central Water Distribution Expenses:					
4275-0100	Central Water Supplies	1,476.43	14,361.51	45,000.00	30,638.49 32%
4275-0110	Central Water Contracted Services	19,529.10	70,061.77	90,000.00	19,938.23 78%
4275-0115	Central Water Repairs & Improvements		17,187.11	40,000.00	22,812.89 43%
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	749.60	5,295.22	12,750.00	7,454.78 42%
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	21,755.13	118,443.55	204,091.00	85,647.45 58%
Central Water Treatment Expenses:					
4276-0100	Central Water Treatment Supplies	1,057.23	30,200.92	40,000.00	9,799.08 76%
4276-0105	Central Water Treatment Chemicals	3,289.90	32,682.81	50,000.00	17,317.19 65%
4276-0110	Central Water Treatment Contracted Services		18,628.03	15,000.00	(3,628.03) 124%
4276-0140	Central Water Treatment Communications	99.65	800.33	1,020.00	219.67 78%
4276-0150	Central Water Treatment Power	4,821.34	26,439.78	32,000.00	5,560.22 83%
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	9,268.12	109,245.29	160,788.00	51,542.71 68%
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	54.47	435.64	600.00	164.36 73%
4280-0150	Stewartsville Water Power	40.00	179.09	400.00	220.91 45%
4280-0240	Stewartsville Water Sampling and Testing	203.20	802.49	2,000.00	1,197.51 40%
4280-0300	Stewartsville Water Purchased		12,106.57	38,500.00	26,393.43 31%
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	297.67	23,103.42	53,143.00	30,039.58 43%
Forest Sewer Expenses:					
4290-0100	Forest Sewer Supplies	134.76	22,488.41	66,000.00	43,511.59 34%
4290-0105	Forest Sewer Chemicals		36,702.61	72,000.00	35,297.39 51%
4290-0110	Forest Sewer Contracted Services	1,306.89	28,749.78	60,000.00	31,250.22 48%
4290-0140	Forest Sewer Communications	143.01	1,075.85	3,600.00	2,524.15 30%
4290-0150	Forest Sewer Power	5,967.69	29,522.88	37,200.00	7,677.12 79%
4290-0350	Forest Sewer Treatment Costs	25,000.00	175,000.00	300,000.00	125,000.00 58%
4290-0115	Forest Sewer Repairs & Improvements			35,000.00	35,000.00 0%
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	32,552.35	293,539.53	582,501.00	288,961.47 50%
Central Sewer Collection System Expenses:					
4291-0100	Central Sewer Supplies	1,440.01	19,078.18	70,000.00	50,921.82 27%
4291-0110	Central Sewer Coll System Contracted Services	47,876.59	106,198.63	63,000.00	(43,198.63) 169%

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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>	
4291-0115	Central Sewer Repairs & Improvements		25,134.00	109,000.00	83,866.00	23%
4291-0150	Central Sewer Power	8,298.35	12,807.83	50,000.00	37,192.17	26%
4291-0155	Central Sewer Fuel Costs	280.52	815.67	3,000.00	2,184.33	27%
4291-0240	Central Sewer Sampling & Testing	41.00	41.00	250.00	209.00	16%
	Total Central Sewer Collection System Expenses	57,936.47	164,075.31	295,250.00	131,174.69	56%
Central Sewer Treatment Expenses:						
4293-0100	Center Sewer Treatment Supplies	1,644.23	38,539.32	73,000.00	34,460.68	53%
4293-0105	Center Sewer Treatment Chemicals	2,515.05	79,131.72	110,000.00	30,868.28	72%
4293-0110	Center Sewer Treatment Contracted Services	3,197.83	41,387.62	60,000.00	18,612.38	69%
4293-0115	Center Sewer Sludge Tipping Fees		12,122.00	45,000.00	32,878.00	27%
4293-0140	Center Sewer Treatment Communications	100.61	6,054.86	9,162.00	3,107.14	66%
4293-0150	Center Sewer Treatment Power	10,191.07	99,384.16	212,000.00	112,615.84	47%
4293-0155	Central Sewer Fuel		1,015.26	1,500.00	484.74	68%
4293-0240	Center Sewer Treatment Sampling & Testing	2,639.74	17,288.40	25,000.00	7,711.60	69%
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	20,288.53	304,580.34	561,640.00	257,059.66	54%
Moneta Sewer Collection System Expenses:						
4292-0100	Moneta Sewer Supplies	317.07	12,873.06	7,000.00	(5,873.06)	184%
4292-0110	Moneta Sewer Contracted Services	6,500.00	14,670.27	8,000.00	(6,670.27)	183%
4292-0115	Moneta Sewer Repairs & Improvements		40.00		(40.00)	0%
4292-0140	Moneta Communications	39.59	316.75	400.00	83.25	79%
4292-0150	Moneta Sewer Power	1,327.50	9,929.53	15,000.00	5,070.47	66%
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	8,184.16	37,829.61	35,000.00	(2,829.61)	108%
Moneta Sewer Treatment Expenses:						
4294-0100	Moneta Sewer Treatment Supplies	1,483.72	5,685.26	20,000.00	14,314.74	28%
4294-0105	Moneta Sewer Treatment Chemicals		5,921.15	12,000.00	6,078.85	49%
4294-0110	Moneta Sewer Contracted Services		9,166.66	28,000.00	18,833.34	33%
4294-0115	Moneta Sewer Sludge Tipping Fees	738.00	3,593.00	10,000.00	6,407.00	36%
4294-0140	Moneta Sewer Treatment Communications	1,108.40	1,928.00	3,500.00	1,572.00	55%
4294-0150	Moneta Sewer Treatment Power	4,842.05	30,097.10	39,000.00	8,902.90	77%
4294-0155	Moneta Sewer Fuel	422.53	1,632.57	350.00	(1,282.57)	466%
4294-0240	Moneta Sewer Treatment Sampling & Testing	1,983.74	10,661.50	10,000.00	(661.50)	107%
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	10,578.44	71,670.24	132,237.00	60,566.76	54%
Montvale Sewer Expenses:						
4295-0100	Montvale Sewer Supplies		2,481.91	10,000.00	7,518.09	25%
4295-0105	Montvale Sewer Chemicals		1,051.79	1,000.00	(51.79)	105%
4295-0110	Montvale Sewer Contracted Services	185.00	1,670.00	7,000.00	5,330.00	24%
4295-0140	Montvale Communications	11.17	85.08	300.00	214.92	28%
4295-0150	Montvale Sewer Power	36.93	230.55	400.00	169.45	58%
4295-0240	Montvale Sewer Sampling & Testing	428.00	1,734.98	4,000.00	2,265.02	43%
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	661.10	9,642.31	26,260.00	16,617.69	37%
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		18,690.39	37,000.00	18,309.61	51%
4340-0110	Mariners Landing Sewer Contracted Services	370.00	27,774.00	30,000.00	2,226.00	93%

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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>
4340-0140	Mariners Landing Sewer Communication		966.59	840.00	(126.59) 115%
4340-0150	Mariners Landing Sewer Power	2,401.70	14,830.45	28,000.00	13,169.55 53%
4340-0240	Mariners Landing Sewer Sampling & Testing	142.00	142.00	1,500.00	1,358.00 9%
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	2,913.70	62,403.43	102,567.00	40,163.57 61%
Cedar Rock Sewer Expenses:					
4350-0100	Cedar Rock Sewer Supplies	12.09	3,236.92	10,000.00	6,763.08 32%
4350-0105	Cedar Rock Sewer Chemicals		1,051.79	700.00	(351.79) 150%
4350-0110	Cedar Rock Sewer Contracted Services	185.00	3,750.00	12,000.00	8,250.00 31%
4350-0140	Cedar Rock Sewer Communication	45.38	460.27	800.00	339.73 58%
4350-0150	Cedar Rock Sewer Power	1,159.28	6,775.95	9,000.00	2,224.05 75%
4350-0240	Cedar Rock Sewer Sampling & Testing	100.00	464.90	700.00	235.10 66%
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	1,501.75	18,127.83	36,200.00	18,072.17 50%
Paradise Point Water Expenses:					
4360-0110	Paradise Point Contracted Services	5,500.00	5,520.00	5,000.00	(520.00) 110%
4360-0150	Paradise Point electric	323.96	1,134.75	5,000.00	3,865.25 23%
4360-0240	Paradise Point Sampling and Testing	20.00	306.52	550.00	243.48 56%
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	5,843.96	7,033.27	18,024.00	10,990.73 39%
Schools Sewer Expenses:					
4300-0100	Schools Operations Supplies	62.90	77.69	5,000.00	4,922.31 2%
4300-0105	Schools Chemicals	620.00	2,519.81	3,500.00	980.19 72%
4300-0240	Schools Sampling and Testing	2,172.37	8,962.00	7,000.00	(1,962.00) 128%
4300-0110	Schools Contracted Services			15,000.00	15,000.00 0%
	Total Schools Sewer Expenses	2,855.27	11,559.50	30,500.00	18,940.50 38%
Mariners Landing Water Expenses:					
4315-0140	Mariners Landing Water Communications		79.66		(79.66) 0%
	Total Mariners Landing Water Expenses		79.66		(79.66) 0%
Franklin County Operations:					
4320-0100	Franklin County Supplies	1,042.25	7,077.62	12,000.00	4,922.38 59%
4320-0105	Franklin County Chemicals	1,185.60	8,091.65	12,000.00	3,908.35 67%
4320-0240	Franklin County Sampling & Testing			12,000.00	12,000.00 0%
	Total Franklin County Operations	2,227.85	15,169.27	36,000.00	20,830.73 42%
	Total Operating Expenditures	862,223.21	6,842,512.03	12,283,963.82	5,441,451.79 56%
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%
4400-0821	Moneta Sewer Depreciation			451,000.00	451,000.00 0%

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	<u>Month</u>	<u>FY 22-23 YTD</u>	<u>FY 22-23 Budget</u>	<u>Remaining On Budget</u>	<u>Goal: 67%</u>
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)	41,512.50	62,781.00	21,268.50	66%
	Total 2012 VRA Interest	41,512.50	62,781.00	21,268.50	66%
2014 VRA Interest:					
4500-0660	VRA 2014 Interest (2005 Refunding)	38,640.63	77,281.00	38,640.37	50%
	Total 2014 VRA Interest	38,640.63	77,281.00	38,640.37	50%
2015 VRA Interest:					
4500-0665	VRA 2015 Interest	508,846.88	996,425.00	487,578.12	51%
	Total 2015 VRA Interest	508,846.88	996,425.00	487,578.12	51%
Assumed Debt from City:					
4500-0650	Assumed Debt from Town- Interest	65,305.31	65,475.00	169.69	100%
	Total Assumed Debt from City	65,305.31	65,475.00	169.69	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)	69,425.01	134,109.00	64,683.99	52%
	Total VRA 2020 Interest (ESCO project)	69,425.01	134,109.00	64,683.99	52%
	Total Interest and Debt Service	748,202.21	1,362,297.00	614,094.79	55%
	Total Exp., Depr. and Debt Service	862,223.21	7,590,714.24	10,643,146.58	42%
	Total Revenues Less Oper Expense	(1,000,929.54)	(8,199,491.08)	(1,135,253.18)	722%
	Gross Cash Before Capital Exp	(1,000,929.54)	(8,199,491.08)	(1,135,253.18)	722%
	Less non-debt Capital Contributions	(679,743.97)	(1,330,012.53)	(220,400.00)	603%
	Earnings/(loss) before BRWA Capital Outlays	(321,185.57)	(6,869,478.55)	(914,853.18)	751%

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	\$ 1,591,286.90	\$ 410,829.78					
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	\$ 4,180.00					\$ 945,280.34
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					\$ 11,741,932.76
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	\$ 1,222,481.11	\$ -	\$ -	\$ -	\$ -	\$ 12,687,213.10
Debits from Non-Operating Sources													
County CIP & Debt Service	\$ -	\$ 1,849,625.01	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ 1,849,625.01
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					\$ 2,804,480.31
Transfers from Escrow Account	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
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	\$ -					\$ 2,034,839.89
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	\$ -	\$ -	\$ -	\$ -	\$ 8,965,172.83
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	\$ 5,175,829.88	\$ -	\$ -	\$ -	\$ -	\$ 21,652,385.93
CREDITS													
Credits for Operating Expenditures													
	\$ 1,225,795.84	\$ 1,007,349.72	\$ 1,239,026.42	\$ 816,601.70	\$ 774,047.95	\$ 1,071,397.78	\$ 1,251,908.49	\$ 649,221.32					\$ 8,035,349.22
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					\$ 5,768,823.10
Payments on Debt Service	\$ -	\$ 71,657.50	\$ 3,442,896.90	\$ 169.31	\$ -	\$ -	\$ 441,568.00	\$ -					\$ 3,956,291.71
Transfers to Debt Service Account	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
Transfers to Capital Account	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
Transfers to Replacement Fund	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -					\$ -
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	\$ -					\$ 49,868.82
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	\$ -	\$ -	\$ -	\$ -	\$ 9,774,983.63
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	\$ 1,828,759.46	\$ 3,704,564.64	\$ 718,161.32	\$ -	\$ -	\$ -	\$ -	\$ 17,810,332.85
Ending Cash Balance	\$ 724,091.58	\$ 1,403,825.22	\$ 1,608,227.82	\$ 1,842,266.08	\$ 1,174,531.06	\$ 1,591,286.90	\$ 410,829.78	\$ 4,868,498.34	\$ -	\$ -	\$ -	\$ -	\$ -



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COMMITTEE MEETING SUMMARY

To: Board of Directors
From: Jill Underwood, Director of Finance
Date: March 8, 2023
Re: Finance Committee Meeting March 8, 2023

A meeting of the Finance Committee of the Bedford Regional Water Authority was held on **Wednesday, March 8 at 2:00 p.m.** in the **Board Meeting Room** of the Authority located in the **Annex** building at **1723 Falling Creek Road in Bedford County.**

Committee Members Present:Jay Gray
Kevin Mele (Virtually)

Staff Present:.....Brian Key –Executive Director
Rhonda English – Deputy Director
Jill Underwood – Director of Finance

Following is a summary of the discussions that took place at the meeting:

1. Call to Order

The meeting was called to order at approximately 2:10pm

2. Review Draft FY 2023-2024 Operating Budget

Mrs. Underwood summarized the background expectation of the 2023-2024 fiscal year budget.

The Draper Aden Model from 2014 is not keeping up with CPI index increases. CPI has been higher in recent years than the 3% that was included annually in the model.

Initial requests from managers placed the budget in a \$1M deficit, with significant cuts made, primarily to personnel requests. The budget is focused on operational side, with not as much available for CIP. However, several projects are still being completed through replacement funding, ARPA, and other funded projects such as Ivy Creek.

A background on the rate hearing was provided. The budget will be presented to the Board initially in April, with rate hearing in May due to the time period requirement of rate advertisements. This will still allow adequate time for updating rates in customer billing software. Timing of the Board meeting was discussed briefly.

As year 10 since Consolidation, this is the last year of equalization:

- i. Base rate per study indicated \$26; proposed rate is going to \$27.
- ii. Water and sewer base rates both to be at \$27, up from \$25 last FY (County)
- iii. Water commodity \$6.50/1,000
- iv. Sewer commodity \$8.50/1,000
- v. Monthly water increases: 8.2% County (\$4), 12.8% ITR (\$6) and 11.6% ATR (\$5.50).

To: Board of Directors
From: Jill Underwood – Director of Finance
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Re: Finance Committee Meeting March 8, 2023

- vi. Monthly sewer increases: 6.1% County (\$3.50), 6.1% ITR (\$3.50) and 6.6% ATR (\$3.80).

It was discussed that looking at the monetary increase versus percentage gives better perspective. The goal in the past has been to keep increases less than \$3.00.

The rate increase chart was reviewed showing increase in levels since Consolidation. Mr Gray asked if there was a way to see what rate would have been if maintaining with the model. Mr. Key showed the information in the rate model. It was explained that without increases beyond the model, there will be no capital funding in FY23-24.

It was confirmed that all customers will be equalized in FY23-24. Going forward, everyone will be affected the same.

Other rates to be included in rate advertisement:

- Water capital recovery fees had an error in calculation in FY21-22 for meter sizes larger than 5/8" meters. Corrections are proposed for advertisement for water Capital Recovery Fees only. Sewer fees were already correct.
- Unauthorized Connection Fees were reviewed with the proposal of tiered fees based upon multiple occurrences.
- SGP Inspection fee – increasing due to current fee not covering costs.
- SGP Reinstatement fee proposed for existing customers wishing to come into the SGP Maintenance agreement.

Minimum wage increases have had an effect on salaries, and it has become necessary to increase salaries to remain competitive in obtaining employees. Majority of increases relate to labor and expenses and material costs have also increased. Costs for health insurance, chemicals, testing, and most areas of organization have increased. It was discussed that 6% increase in costs is significantly lower than true increases seen in industry of 8% and higher. The Committee agreed that it made sense to increase to a percentage necessary to maintain current costs rather than wait to spread it out in future years.

In reviewing the operating budget, Mr. Mele requested clarifying labels of budget columns. Some fees were clarified with the Committee.

Operating coverage is currently reflecting \$740,000 remaining for capital projects. Two new replacement set-aside funds were added for water and sewer facilities to allow for replacements at plants and pump stations.

Mrs. Underwood reviewed various accounts and corresponding changes, including revisions to debt and revenue related to County's debt service contribution for 2002 VRA loan contribution. Revenue and debt service are both reduced by \$1M related to this loan as it was completed in October. She reviewed the anticipated debt payback schedule for the Ivy Creek sewer project, which will not begin until 6 months after the project is complete.

Mrs. Underwood explained the purpose of the various debt issuances.

Debt service spreadsheet were reviewed with the Committee to show annual view of all debt service from all debt sources, including upcoming Ivy Creek debt service that will begin in FY 24-25. It was reviewed that FY 24-25 will have increased debt with less capital funding

To: Board of Directors
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available than proposed in FY 23-24. It was discussed that there is not the ability to take on additional debt for expansion without assistance.

Capital funding and the prioritization process was briefly reviewed; this will be reviewed in detail at an upcoming Committee meeting.

Several questions were addressed on the main budget document. The differences between current budget, proposed budget, and projection differences were discussed with various accounts.

- Water sales projected to increase 3%
- Sewer sales projected to increase 5% from the current budget
- Accounting services – higher due to inclusion of single audit requirement. RFQ being prepared to procure an auditor. County, Town, and Schools are all currently using the same accounting firm as BRWA. Single audit requirements were briefly discussed.
- Board of Director costs – discussed pay from other localities for their boards, including how increases were considered. Data from other localities was shared with Committee. Mr. Mele expressed that Board pay was lagging behind from the Town and County. It was reviewed that BRWA was comparable to other authorities in Board salaries. Process of revising Board salaries was discussed, which would require revision of Bylaws.
- Health insurance – 8.9% rate increase as well as additional positions budgeted at family coverage.
- Salaries – reflects increases based on merit, progressions, licenses, and WVWA salary study mentioned at January Board meeting.
 - Personnel changes/additions proposed:
 - a. HR position has been difficult to fill as part-time position. Budget reflects full-time
 - b. Accounting Manager
 - c. Maintenance Coordinator
 - d. Substitute positions for water and wastewater operations
 - Increases in neighboring localities
 - Mr. Mele recognized where BRWA is understaffed.
 - Discussion of compression experienced with salary adjustments made in 2021 from the Baker-Tilly salary study.
- Software Support – IT is moving towards more software as a service (SAAS) which has annual costs. Also includes payroll / HRIS software that is cloud based.
- Forest Water – Discussed that there is 1-month lag in reporting due to billing timeframes that are addressed through adjustments at the time of audit. The ability to better manage the amount of water purchased through the benefit of the Route 460 booster station was discussed.
- Of \$20M budget, \$1M are in health care benefits.
 - It was discussed that employee summaries will be prepared this year to reflect total value of compensation to each employee that includes insurance, retirement, holidays, leave, etc.

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- Discussed some differences in 3 types of VRS coverage, where hybrid includes short-term disability that Type 1 and Type 2 do not.

Other action items mentioned as part of upcoming Board meeting, as well as upcoming Committee meeting schedule as it relates to further review of operating and capital budgets.

3. Other Business
4. Motion to Adjourn
5. *The meet was adjourned at approximately 4:05pm*



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RESOLUTION MEMORANDUM

To: BRWA Board of Directors
From: Jill Underwood; Director of Finance
Date: March 9, 2023
Re: Resolution 2023-03.01 – Advertise Rates

Enclosed is the above referenced resolution for your consideration; included with the resolution are the proposed rates.

In order for the new rates to be effective on June 1, 2023, as will be seen on all bills sent out after June 30, 2023, a public hearing will be held in May of this year.

There is an advertising period that is required prior to the hearing, and this resolution authorizes the public notice which initiates this process.



RESOLUTION

2023-03.01

Advertise Rates

At a regular meeting of the Bedford Regional Water Authority (“Authority”) Board of Directors, held in the Board Meeting Room at the Authority’s Annex Building on the 21st day of March 2023, beginning at 7:00pm:

WHEREAS, the Authority is required to advertise and hold a public hearing prior to the approval of any rate changes; and,

WHEREAS, the Consolidation Agreement dated October 31, 2012 stated “Within ten (10) years of the Closing, the water and wastewater treatment rates of the Localities are expected to be substantially equalized, provided that equalization only occur through realized cost efficiencies and economies and will not be done through disproportionate increases on Bedford customers.”; and,

WHEREAS, the Authority is in the process of preparing a draft budget for the Fiscal Year 2023-2024, and the rates necessary for the proposed revenues to exceed the proposed expenditures are included in the rates being proposed for advertisement; and,

WHEREAS, the Authority intends to post notice of the proposed rates on March 29, 2023 and April 5, 2023 in a newspaper of general circulation, to send copy of the notice to the governing bodies of Bedford County and the Town of Bedford, and to hold a public hearing on the new rates on May 16, 2023; now,

THEREFORE, BE IT RESOLVED, that the Board of Directors of the Authority does hereby authorize the Executive Director and/or the Deputy Director to post notice of the changes to the rates as shown on the attached document.

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 **March 21, 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

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

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: March 7, 2023
Re: February 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 February.

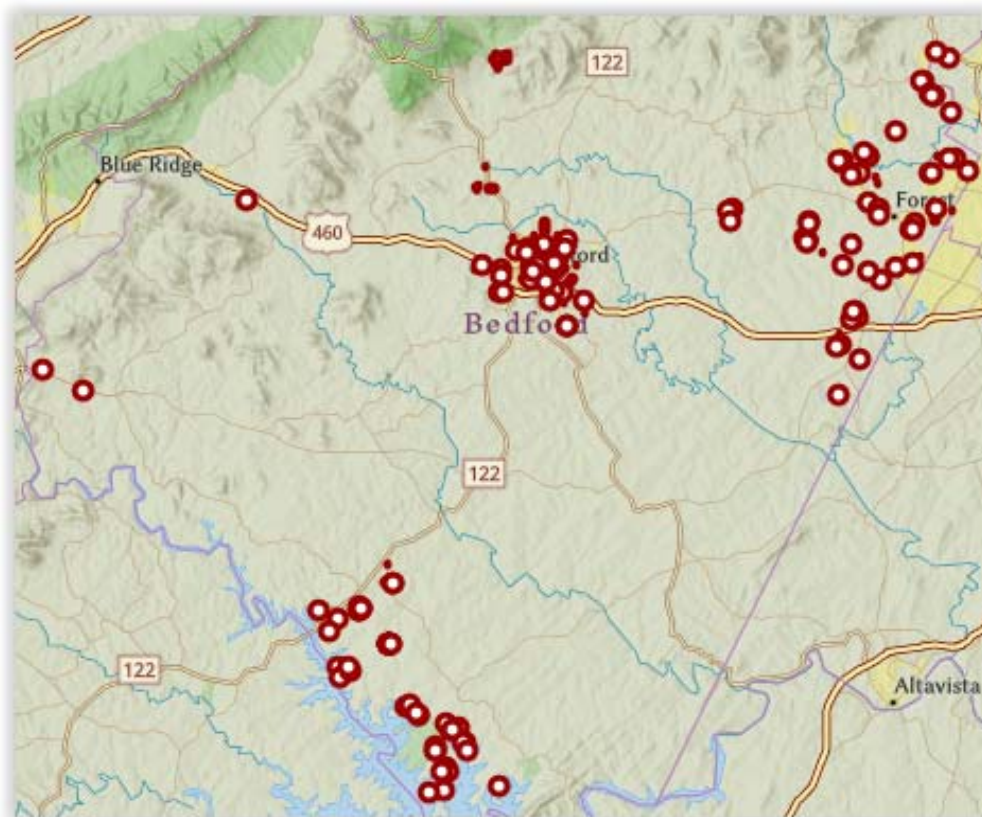


Figure 1: Map Showing Distribution of February Tasks

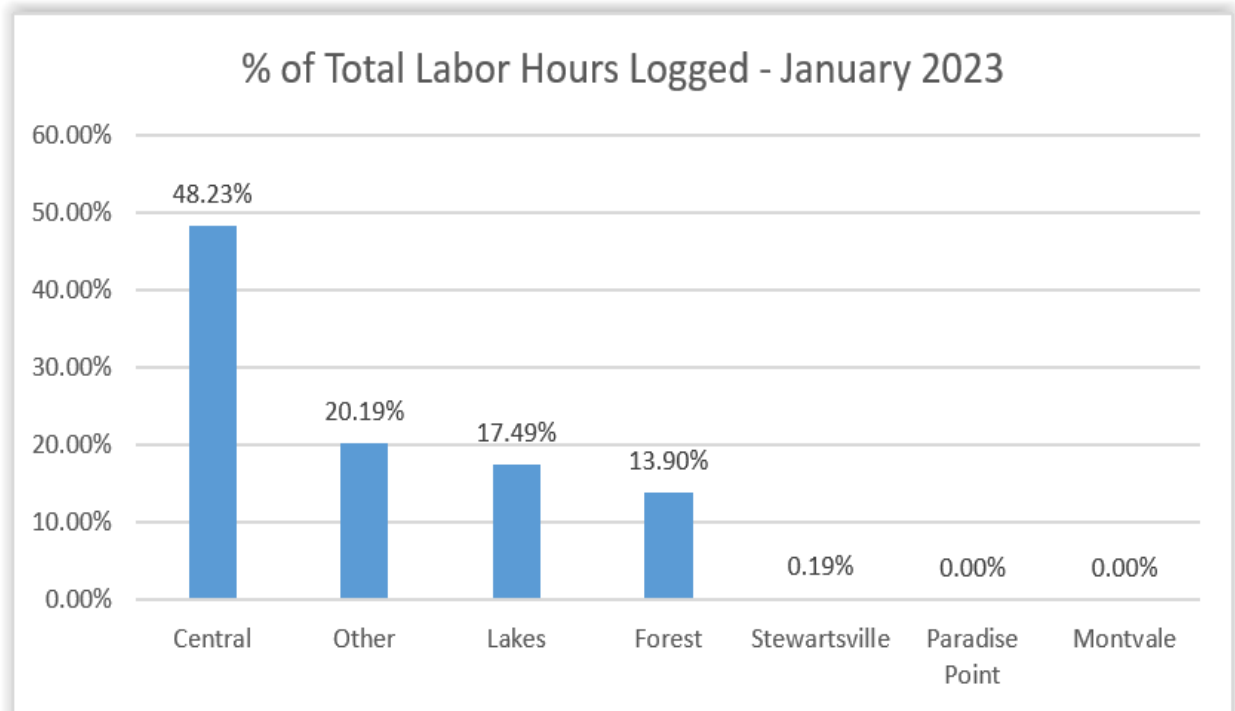
Labor Hours Invested by General Service Area

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 February due to Pipe Repairs, Repairs, and Sewer Backups / Overflows and Capital Improvement work.

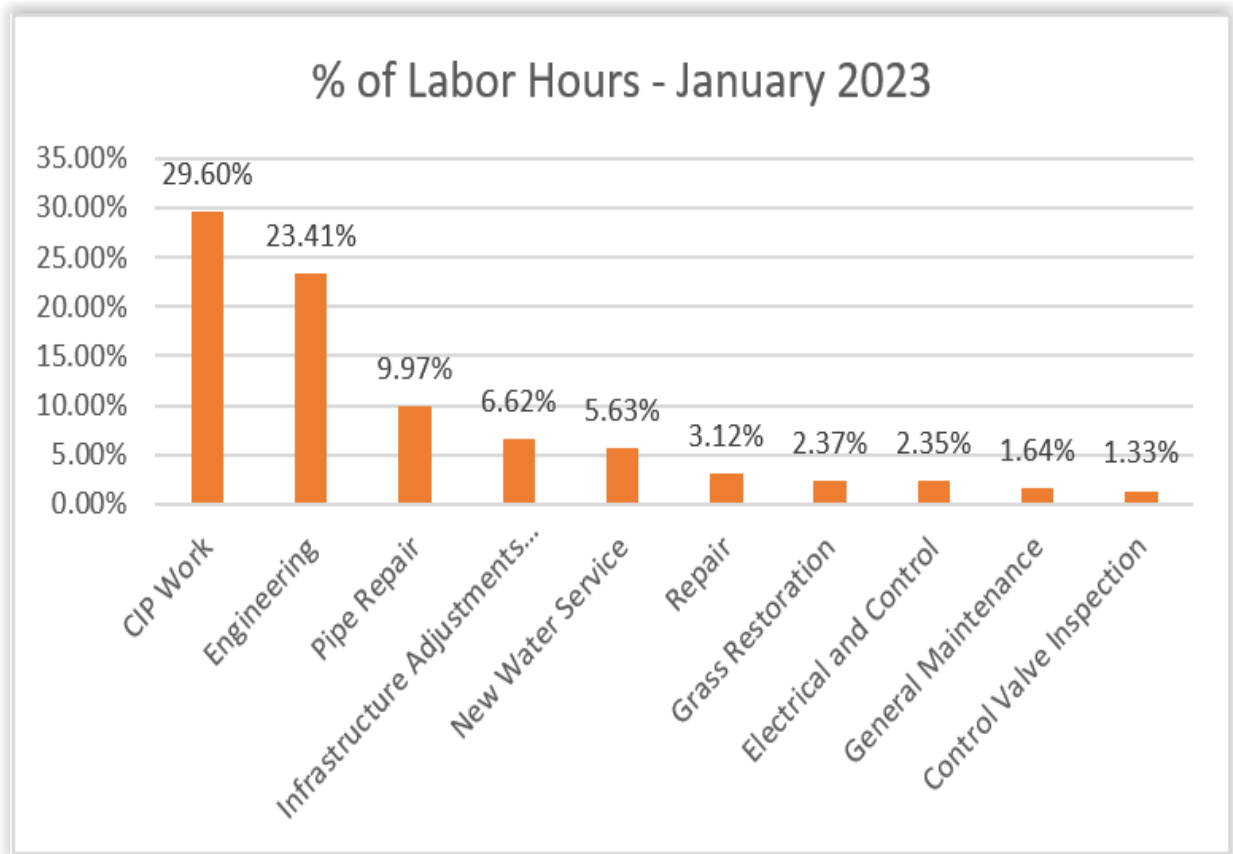
General Service Areas:

- **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 Treatment Facility**
- **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 75% of the total labor hours logged in February are represented in the chart below of the top ten types of tasks performed.



ADMINISTRATION REPORT



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RESOLUTION MEMORANDUM

To: BRWA Board of Directors
From: Melissa Meador, HR Manager
Through: Brian Key, Executive Director
Date: March 10, 2023
Re: Resolution 2023-03.02 – Health Insurance

Enclosed, for your consideration, is the above referenced resolution, as well as the rates proposed for health insurance in fiscal year 2023-2024. The rates proposed reflect an 8.90% increase in the premium for continuation of coverage.

This resolution is required before April 5th in order to allow the Authority to sign up for Health Insurance as an employee benefit.



RESOLUTION

2023-03.02

Health Insurance

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 21st day of March 2023, beginning at 7:00pm:

WHEREAS, it is recognized by the Board that the provision of quality and affordable health insurance is a very important benefit to Authority employees; and,

WHEREAS, the Authority received the health insurance program renewal documentation from The Local Choice in March 2023, and included in the renewal are the proposed rates for Fiscal Year 2023-2024; and,

WHEREAS, attached to this resolution is the data showing the proposed rates which indicate the costs to the Authority to provide health insurance coverage in FY 2023-2024; and,

WHEREAS, if the Authority is going to proceed with renewing the health insurance coverage with the Local Choice for the next fiscal year, action needs to be taken by the Board before April 5, 2023; now,

THEREFORE, BE IT RESOLVED, that the Executive Director of the Authority is authorized to execute the necessary documents to renew the health insurance contract with The Local Choice program.

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 March 21, 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

FY 2021-2022 TLC Premiums

Full-Time

Key Advantage Expanded Comprehensive	FY 22-23 Monthly Total Premium	FY 23-24 Monthly Total Premium	BRWA's Share (%)	FY 23-24 Authority Monthly Premium Share	Employee's Share (%)	FY 23-24 Employee Monthly Premium Share	Planned FY 23- 24 Employee Share per Pay Period	FY 22-23 Employee Share per Pay Period	Difference per Pay Period
FT Employee Only	\$ 783.00	\$ 853.00	90.0%	\$ 767.70	10.0%	\$ 85.30	\$ 39.37	\$ 36.14	\$ 3.23
FT Employee + 1	\$ 1,449.00	\$ 1,578.00	60.0%	\$ 946.80	40.0%	\$ 631.20	\$ 291.32	\$ 267.51	\$ 23.82
FT Family	\$ 2,114.00	\$ 2,302.00	60.0%	\$ 1,381.20	40.0%	\$ 920.80	\$ 424.98	\$ 390.28	\$ 34.71
Key Advantage Expanded Preventative									
FT Employee Only	\$ 766.00	\$ 834.00	90.0%	\$ 750.60	10.0%	\$ 83.40	\$ 38.49	\$ 35.35	\$ 3.14
FT Employee + 1	\$ 1,417.00	\$ 1,543.00	60.0%	\$ 925.80	40.0%	\$ 617.20	\$ 284.86	\$ 261.60	\$ 23.26
FT Family	\$ 2,068.00	\$ 2,252.00	60.0%	\$ 1,351.20	40.0%	\$ 900.80	\$ 415.75	\$ 381.78	\$ 33.97
Key Advantage 250 Comprehensive									
FT Employee Only	\$ 713.00	\$ 776.00	95.0%	\$ 737.20	5.0%	\$ 38.80	\$ 17.91	\$ 16.45	\$ 1.45
FT Employee + 1	\$ 1,319.00	\$ 1,436.00	65.0%	\$ 933.40	35.0%	\$ 502.60	\$ 231.97	\$ 213.07	\$ 18.90
FT Family	\$ 1,925.00	\$ 2,096.00	65.0%	\$ 1,362.40	35.0%	\$ 733.60	\$ 338.58	\$ 310.96	\$ 27.62
Key Advantage 250 Preventative									
FT Employee Only	\$ 696.00	\$ 758.00	97.0%	\$ 735.26	3.0%	\$ 22.74	\$ 10.50	\$ 9.64	\$ 0.86
FT Employee + 1	\$ 1,288.00	\$ 1,403.00	66.0%	\$ 925.98	34.0%	\$ 477.02	\$ 220.16	\$ 202.12	\$ 18.05
FT Family	\$ 1,879.00	\$ 2,046.00	66.0%	\$ 1,350.36	34.0%	\$ 695.64	\$ 321.06	\$ 294.86	\$ 26.21

EXECUTIVE REPORT

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	3/13/23	Budget updated to include loan interest. Project is complete pending punchlist items.	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	Wastewater	Mike	Complete*	3/13/23	Upon emptying the basins, concrete repairs were not needed. Budget was used towards aeration basin wall demolition.		N/A
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.		2/28/23
2	Central	Water	Forest to Lakes Permanent Booster Station	Debt Service / Other	\$2,300,000	\$2,253,213	\$1,953,647	\$ 346,353	Engineering	Rhonda	In Progress	2/10/23	VDOT denied option to replace VDOT fencing along 460; contractor to build secure fence beside existing fencing. Final station testing to occur after Rt 122 meter replaced at the end of February.	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	\$3,027,734	\$ 12,443,359	Engineering	Rhonda	In Progress	3/6/23	Preconstruction meeting held with Lynchburg; all permits received to allow construction to begin.	12/18/20	9/30/24
4	Central	Water	Helm Street Tank Replacement	ARPA / Escrow	\$2,162,916	\$218,203	\$136,585	\$ 2,026,331	Engineering	Rhonda	In Progress	1/6/23	60% plans and estimate received 12/21; submitted to Town and VDH.	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	3/8/23	Annual Contractor was non-responsive in providing a construction cost estimate. The project was advertised for bid on 3/3/23.		10/1/26
6	Central	Sewer	Town & Country Subdivision Sewer Replacements	ARPA	\$2,000,000	\$2,002,701	\$ 623,254	\$ 1,376,746	Engineering	Whitney	In Progress	3/8/23	Project is 33% complete. Sewer is being replaced along Roundtree Drive from MH Q to MH Y. Sewer flow monitoring data is being collected and reported on a monthly basis to monitor changes to I&I.	10/24/22	5/21/23
					\$27,777,062	\$25,400,628	\$10,769,786	\$17,007,277							

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	Start Date	Completion Date
8	Central	Water	Stoney Creek Reservoir - Ph 2 (Repairs / Design)	2023	\$100,000			\$ 100,000	Engineering	Whitney	Not Started	3/6/23	Phase 2 funds to be used towards design of Option 1 improvements.	4/1/23	11/30/23
22	SML (w/ WWA)	Water	Sewer Pump Station 4 Upgrades Ph 1 (EQ)	2023	\$20,000			\$ 20,000	Water	Dalton/William	Not Started	3/10/23	Exploring the possibility of having in-house Facilities Maintenance perform the work.	3/20/23	6/30/23
24	SML (w/ WWA)	Water	SMLWTP - Add Security System to Fire Alarm System	2023	\$10,000			\$ 10,000	Water	Dalton/William	Not Started	3/10/23	Currently Awaiting quotes from Mid-Atlantic Entry Systems, ADT, and IST	7/10/23	
35	Central WWTP	Sewer	Carport to cover sludge dumpster	2023	\$8,000			\$ 8,000	Wastewater	Mike	Not Started	3/9/23	Will send out for quotes, starting on 3/13/23	3/13/23	6/30/23
38	Lakes	Sewer	Blower system at Moneta pump station 1	2023	\$15,000			\$ 15,000	Wastewater	Mike	Not Started	3/9/23	Will send out for quotes, starting on 3/13/23	3/13/23	6/30/23
39	Mariners	Sewer	Install bracing on influent basin on Train 1 and 2	2023	\$20,000			\$ 20,000	Wastewater	Mike	Not Started	3/9/23	Will send out for quotes, starting on 3/13/23	3/13/23	6/30/23
41	Mariners	Sewer	Pump Station 5 SCADA	2023	\$10,000			\$ 10,000	Wastewater	Mike	Not Started	3/9/23	Will send out for quotes, starting on 3/13/23	3/13/23	6/30/23
42	Mariners	Sewer	Pump Station 9 SCADA	2023	\$10,000			\$ 10,000	Wastewater	Mike	Not Started	3/9/23	Will send out for quotes, starting on 3/13/23	3/13/23	6/30/23
43	Mariners	Sewer	Pump Stations pump replacement	2023	\$20,000			\$ 20,000	Wastewater	Mike	Not Started	3/9/23	Will send out for quotes, starting on 3/13/23	3/13/23	6/30/23
10	Central WTP	Water	Central WTP - Upgrade Chemical Feeders (PaCl)	2022	\$10,000			\$ 10,000	Water	Dalton/William	In progress	3/10/23	VDH needs calculations and approved design plans to give final approval. Control Equipment is pricing the pump and skid system needed.		6/30/23
11	Central WTP	Water	Central WTP Filter Control SCADA Interface (2)	2023	\$35,000			\$ 35,000	Water	Dalton/William	In progress	3/10/23	Reached out to Fairwinds to obtain an official written quote.	7/10/23	
16	Forest	Water	Fox Runn Booster Station - Structure repairs/replacement	2023	\$25,000			\$ 25,000	Maintenance	Phil	In progress	1/4/23		1/3/23	6/30/23
26	Various	Water	SCADA Hatch Intrusion Switches for Water Tanks	2023	\$25,000	\$0		\$ 25,000	Water	Dalton/William	In progress	3/3/23	*Project will not be completed for FY23; funds to be used for flocculator project.	3/15/23	3/3/23
32	Central	Sewer	Pump Station 7 Replacement	2022	\$186,000		\$ 70,039	\$ 115,961	Wastewater	Mike	In Progress	3/9/23	Waiting on concrete riser from contractor	4/3/23	6/30/23
33	Central	Sewer	Pump Station 7 SCADA	2023	\$20,000			\$ 20,000	Wastewater	Mike	In progress	3/9/23	This will be completed with the PS#7 upgrades	4/3/23	6/30/23
36	Central WWTP	Sewer	New RAS Pump #1	2023	\$55,000	\$47,000		\$ 55,000	Wastewater	Mike	In progress	3/9/23	Bid record sent to Director for approval. New pump \$29,677 with an estimated delivery 28 weeks, estimated \$17,000 to install new pump. Total projected costs \$47,000		9/29/23
40	Mariners	Sewer	New control panels for both Trains	2023	\$25,000			\$ 25,000	Wastewater	Mike	In progress	3/9/23	Fairwinds updating quote to replace 2 main control panels.		5/5/23
44	Moneta WWTP	Sewer	New chains on Train 1 BIOWHEELS	2023	\$20,000			\$ 20,000	Wastewater	Mike	In progress	3/9/23	Wrong chain size quoted. Obtaining new quote.	4/21/23	6/30/23
46	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
47	Office / Admin	Other	Mobile Improvements		\$0	\$43,000		\$ 60,000	Director	Phil	In Progress	3/13/23	Work underway to replace siding, windows, doors, drywall, lighting, and stair/ramp access.		6/30/23
50	Office / Admin	Other	Key System - Phase 2A (Various sites)	2023	\$20,000		\$ 2,910	\$ 17,090	InfoSys	Therron	In progress	3/8/23	Will begin March 16, 2023 - front door of SMLWTP and the drivethru gate at the Main Office		
7	Central	Water	Stoney Creek Reservoir - Ph 1 (Repairs & PER)	2023	\$100,000	\$45,840	\$ 27,386	\$ 72,614	Engineering	Whitney	In Progress	3/8/23	W/JW is proceeding with design.	9/14/22	2/3/23
12	Central WTP	Water	Central WTP Flocculators	2023	\$65,000	\$173,000		\$ 65,000	Water	Dalton/William	In Progress	3/10/23	Received an up to date quote from Falwell Corp. and submitted a bid quote form for approval.	4/10/23	6/30/23
13	Central WTP	Water	Central WTP Motor Control Center Replacement	2023	\$100,000	\$30,580	\$ 1,850	\$ 98,150	Water	Dalton/William	In Progress	3/3/23	Wiley Wilson conducted electrical assessment. Awaiting results.	2/13/23	6/30/23
19	MVS	Water	Mountain View Shores Filter Replacement	2022	\$150,000		\$ 31,222	\$ 118,778	Water	Dalton/William	In Progress	3/3/23	Contacted Wiley Wilson to request site meeting for engineering assessment.		

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
20	Paradise Pt SML (w/ WVWA)	Water	Paradise Point SCADA	2022	\$10,000	\$17,500		\$ 10,000	Water	Dalton/William	In Progress	3/10/23	Updated quote received for the project, working with Fairwinds on schedule. Will coordinate with other planned work to minimize down time if possible. Start date pending coordination with other contractors; may proceed separately if necessary.	3/20/23	6/30/23
23		Water	SMLWTF GAC Pump and associated parts	2023	\$25,000			\$ 25,000	Water	Dalton/William	In Progress	2/8/23	Searching for existing quote previous manager recieved; if not found, will obtain new quotes.		6/30/23
31	Central WWTP	Sewer	Pump Station 3 Bank Restoration and armoring	2023	\$40,000			\$ 40,000	Wastewater	Mike	In Progress	3/9/23	Working with Maintenance Manager to see if work can be completed by BRWA.	4/3/23	6/30/23
37	Office / Admin	Sewer	Replace railings and chains on primary basin #1	2023	\$20,000	\$27,422		\$ 20,000	Wastewater	Mike	In Progress	3/9/23	Job was awarded to Falwell.	3/27/23	3/31/23
45	Office / Admin	Other	Website Design	2022	\$65,000		\$ 67,460	\$ (2,460)	Admin	Megan	In Progress	3/6/23	Contract has been signed to complete additional intranet work to enable it to go live. Website is complete and live.	9/1/21	6/1/23
55	Office / Admin	Other	New FM Employee - Tools for new vehicle	2022	\$15,000	\$7,500	\$ 3,214	\$ 11,786	Maintenance	Phil	In Progress	1/12/23	Half spent on tools. Need to purchase truck and get this task completed.		
9	Central WTP	Water	Central WTP - Install Security Alarm and Fire Alarm Systems	2023	\$20,000	\$0		\$ 20,000	Water	Dalton/William	Complete*	3/3/23	*Project will not be completed for FY23; funds to be used for flocculator project.	3/22/23	N/A
17	Forest SML (w/ WVWA)	Water	New London Tank Standby Generator	2023	\$6,000	\$0		\$ 6,000	Water	Dalton/William	Complete*	3/3/23	*Project will not be completed for FY23; funds to be used for flocculator project.		N/A
21		Water	Raw Water Intake Standby Generator	2023	\$50,000	\$0		\$ 50,000	Water	Dalton/William	Complete*	3/3/23	*Project will not be completed for FY23; funds to be used for flocculator project.		N/A
25	Various	Water	Lead Service Line (LSL) Inventory	2023	\$50,000			\$ 50,000	Engineering	Rhonda	Complete*	3/7/23	VDH offering additional funding to localities based on funding available. This work is anticipated to be covered fully by a VDH LEAP grant.	9/30/22	10/1/23
27	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.		N/A
28	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.		N/A
29	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.		N/A
30	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.		N/A
34	Central	Sewer	Pump Stations 1, 2, 3 - Security Cameras	2022	\$5,000			\$ 5,000	Wastewater	Mike	Complete*	3/6/23	On hold		N/A
58	Office / Admin	Other	Leak Detection Equipment	2022	\$30,000	\$0	\$ -	\$ 30,000	Water	Dalton/William	Complete*	2/8/23	*This equipment is not needed. However, funds will be used to purchase third flocculator motor.		N/A
14	Central WTP	Water	Central WTP Replacement Turbidimeters (4)	2023	\$20,000	\$20,000	\$ 15,564	\$ 4,436	Water	Dalton/William	Complete	2/8/23	Project has been fully completed.	10/18/22	10/31/22
15	Central WTP	Water	Central WTP Streaming Current Monitor	2023	\$15,000	\$15,000	\$ 12,960	\$ 2,040	Water	Dalton/William	Complete	2/8/23	Purchase and installation complete, except for tying into SCADA system. Reached out to Fairwinds for a quote on tying Streaming Current Monitor into SCADA using leftover/remaining funds. Currently waiting on quote.		12/1/23
18	Lakes Office / Admin	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
48	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
49	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
51	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
52	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
53	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
54	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
56	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
57	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. Phil		1/12/23
59	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		\$ 900,965	\$ 1,432,535						

Engineering Acronyms

Last Updated: January 18, 2023

Key to commonly used terms and acronyms used in Project Reports

Term	Description
AC	Annual Contractor
AGMT	Agreement
ARPA	American Rescue Plan Act
BOS	Board of Supervisors
BOSQC	Bill of Sale / Quit Claim Deed
C2C/CTC	Certificate to Construct
CIP	Capital Improvement Projects/Plan
COC	Certificate of Completion
DEV PKG	Developer Package
DSGN	Design
ESC	Erosion & Sediment Control
ESCO	Energy Savings Company
ESMT	Easement
GIS	Geographic Information System
GP	Gross Point
HMI	Human Machine Interface
HOA	Home Owners Association
IOP	Isle of Pines
LOC	Letter of Credit
LVPS	Lake Vista Pump Station
MGD	Million Gallons per Day
MOU	Memorandum of Understanding
NL	New London
NLBP	New London Business Park
NLE	Neighborhood Line Extension
NLPS	New London Pump Station
NTP	Notice to Proceed
PCD	Planned Commercial District
PER	Preliminary Engineering Report
POA	Property Owners Association
PPEA	Private-Public Education & Infrastructure Act
PRD	Planned Residential District
PRE-CON	Preconstruction Meeting
PS	Pump Station
PUE	Public Utility Easement
RFA	Ready for approval
RFC	Returned for corrections
RFP	Request for Proposals
RFQ	Request for Qualifications
RFQ	Request for Quotations
ROW	Right of way
SCADA	Supervisory control and data acquisition
SML	Smith Mountain Lake
SRP	Special Review Project
SWM	Stormwater Management
SUP	Special Use Permit
TBD	To be determined
TH	Townhome
TRC	Technical Review Committee
W&S	Water and Sewer
Water Related	
BAC-T	Bacterial testing
BFP	Backflow Prevention
DBP	Disinfection Byproducts
FFMV	Fire flow meter vault
FFT	Fire Flow Test
FH	Fire hydrant
GAC	Granular Activated Carbon
HAA	Haloacetic Acids (DBP)
PACl	Polyaluminium chloride (coagulant added for treatment)
PRV	Pressure Reducing Valve
THM	Trihalomethanes (DBP)
WL	Waterline
WLE	Waterline Extension
WLR	Waterline Replacement
WTF	Water Treatment Facility
WTP	Water Treatment Plant

Engineering Consultants (Term in Bold)	
A&A	Anderson & Associates
ACS	ACS Design
AH	AH Environmental
AMT	A. Morton Thomas & Associates
BH	Berkley-Howell
BRECS	Blue Ridge Engineering & Construction Services
CHA	CHA, Inc.
DAA	Draper Aden & Associates
ECI	Engineering Concepts Inc.
GHD	GHD (formerly Stearns & Wheler)
G-W	Guffey-Warner
H&P	Hurt & Proffitt
P&O	Perkins & Orrison
WRA	Whitman Requardt & Associates
W W	Wiley Wilson
WW	W.W. Associates
Contractors (Term in Bold)	
AJC	Aaron J. Conner General Contractor
C&D	Counts & Dobyns
ECP	E.C. Pace
GEJ	George E. Jones & Sons
J+MI	J & M Infrastructure
External Agencies	
ACOE	Army Core of Engineers
AEP	Appalachian Electric Power
BCPS	Bedford County Public Schools
BZA	Board of Zoning Appeals
COL	City of Lynchburg
DCR	Department of Conservation & Recreation
DEQ	Department of Environmental Quality
EDA	Economic Development Authority
FERC	Federal Energy Regulation Commission
HRSD	Hampton Roads Sanitation District
NR	Bedford County Natural Resources
PC	Bedford County Planning Commission
SCC	State Corporation Commission
SWCB	State Water Control Board
TOB	Town of Bedford
TRC	Technical Review Committee
VDH	Virginia Department of Health
VDOT	Virginia Department of Transportation
WVWA	Western Virginia Water Authority
Legal Counsel	
GFDG	Glenn, Feldman, Darby & Goodlatte
Service Areas	
Water/Sewer	Bedford Central
Water/Sewer	Forest Central
Water	Lakes
Water	Stewartsville
Sewer	Lakes Central/Moneta WWTP
Sewer	Mariners Landing
Sewer	Montvale
Well Systems	
MVS	Mountain View Shores
PP	Paradise Point
VM	Valley Mills
Sewer Related	
CO	Cleanout
FM	Force Main (pressure sewer main)
FOG	Fats, Oils & Grease
FROG	Fats, Rags, Oils & Grease
LPFM	Low Pressure Force Main
LPS	Low pressure sewer
MH	Manhole
SGP	Small grinder pump
SS	Sanitary sewer
SSO	Sanitary sewer overflow
WW	Wastewater
WWTP	Wastewater Treatment Plant

Job #: 2017050	Job Type: Water	Service Area: Bedford Central	Last Updated: 3/3/2023
Job Name: Bell Town Road Waterline Extension (ARPA)		Funding/Budget: \$500,000.00	
Engineer: Engineering Concepts		Funding Source: ARPA - Town	Department Contact: W Quarles & J Dean
Contractor: TBD		Design Contract Amt: \$44,465.00	
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.		Construction Contract Amt: TBD	
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.			

Job #: 2019061	Job Type: Internal	Service Area: Central, Lakes	Last Updated: 3/8/2023
Job Name: Energy Performance Study and Improvements		Funding/Budget: \$5,316,745.00	
Engineer: Schneider Electric; BRES (3rd Party)		Funding Source: VRA / CIP	Department Contact: R English / M Ramsey
Contractor: Schneider Electric		Design Contract Amt: \$12,600 (BRES)	
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.		Construction Contract Amt: \$5,316,745	
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. Change Order rec'd for aeration basin wall demo.			

Job #: 2020043.3	Job Type: Sewer	Service Area: Forest	Last Updated:
Job Name: Ivy Creek Divisions 5 & 6 Interceptors		Funding/Budget: \$15,471,092.30	3/8/2023
		Funding Source: DEQ - VCWRLF	Department Contact:
Engineer: CHA / E.C. Pace		Design Contract Amt: \$1,277,900	R English
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 execution on 2/17/23. Preconstruction with Lynchburg held on 2/23/23. RLD permits received from both County and City. Blasting underway.			

Job #: 2020043.4	Job Type: Water	Service Area: Bedford Central	Last Updated:
Job Name: Route 460 Water Pump Station		Funding/Budget: \$2,300,000.00	3/8/2023
		Funding Source: CIP	Department Contact:
Engineer: CHA / E.C. Pace		Design Contract Amt: \$89,000	R English \ S Dade
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.			

Job #: 2021004	Job Type: Internal	Service Area: Central Sewer	Last Updated:
Job Name: Town & County Sewer Replacement		Funding/Budget: \$2,000,000.00	2/10/2023
		Funding Source: ARPA - Town	Department Contact:
Engineer: Hurt & Proffitt, Inc.		Design Contract Amt: \$114,600	S Dade & C Ward
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.			

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: 1/3/2023
Job Name: Central Sewer Pump Station Rehabs (4, 7, & 8)		Funding/Budget: \$186,000.00	
		Funding Source: CIP	Department Contact: W Quarles
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.			
Job #: 2021111	Job Type: Water	Service Area: Bedford Central	Last Updated: 3/8/2023
Job Name: Helm Street Tank Replacement		Funding/Budget: \$2,162,916.00	
		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 to verify pipe depths at 3 locations.			
Job #: 2021135	Job Type: Water	Service Area:	Last Updated: 3/9/2023
Job Name: Galax & Gum Street Waterline Replacement		Funding/Budget:	
		Funding Source:	Department Contact: C Ward & T Hale
Engineer:		Design Contract Amt:	
Contractor: BRWA CIP		Construction Contract Amt:	
Description:			
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 rec'd 3/8/23. Dsgn 01 appvd 3/9/23			
Job #: 2022008	Job Type: Internal	Service Area: Town of Bedford	Last Updated: 12/20/2022
Job Name: Town & Country Waterline Replacement		Funding/Budget:	
		Funding Source: Setasides - Water	Department Contact: C Ward
Engineer: Hurt & Proffitt, Inc.		Design Contract Amt: \$57,700	
Contractor:		Construction Contract Amt:	
Description: Sewer line replacement project.			
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:** \$110,000.00 3/8/2023
Funding Source: CIP & VDH Grant **Department Contact:**
Engineer: CHA **Design Contract Amt:** R English
Contractor: **Construction Contract Amt:**
Description: Lead Compliance Regulations (LCR) requires Lead Service Line (LSL) inventory, replacement, and other details for a compliance plan.
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 will request additional funding through existing grant per VDH communication to CHA regarding additional 2022 funding available.

Job #: 2022034 **Job Type:** Internal **Service Area:** Countywide **Last Updated:**
Job Name: Capital Improvement Program FY 2023-2024 **Funding/Budget:** 3/8/2023
Funding Source: **Department Contact:**
Engineer: **Design Contract Amt:** R English
Contractor: **Construction Contract Amt:**
Description: Planning for proposed projects and purchases for the 2023-2024 fiscal year.
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.

Job #: 2022056 **Job Type:** Internal **Service Area:** **Last Updated:**
Job Name: Peakview Street Waterline Replacement **Funding/Budget:** 11/29/2022
Funding Source: **Department Contact:**
Engineer: **Design Contract Amt:** C Ward
Contractor: **Construction Contract Amt:**
Description:
Status: Under design.10/3/2022 Design complete 11/28/2022 Plans subitted for materials bids 11/29/2022

Job #: 2022081.1 **Job Type:** Feasibility Study **Service Area:** Bedford Central **Last Updated:**
Job Name: Stoney Creek Dam Ph 1 - Low Level Drain PER / Design **Funding/Budget:** \$100,000.00 2/10/2023
Funding Source: CIP **Department Contact:**
Engineer: Wiley|Wilson / Schnabel Engineering **Design Contract Amt:** \$45,840 W Quarles
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 #: 2022085 **Job Type:** **Service Area:** Countywide **Last Updated:**
Job Name: SCADA System Reliability Improvements **Funding/Budget:** \$78,000.00 3/8/2023
Funding Source: CIP **Department Contact:**
Engineer: **Design Contract Amt:** \$78,000 R English / T Bethel
Contractor: Fairwinds Automation **Construction Contract Amt:**
Description: Creation of distributed SCADA network to ensure operation of plants when communications to central server are lost, upgrade Ignition to current version, and set up full function redundancy at each plant.
Status: Preliminary meeting held 10/26/22 to review project; will schedule initial work upon completion of CWWTP Energy Project (2019061) and in coordination with DR Controls work at 460 Pump Station (2020043.4). First two phases complete as of 12/8/22. 2/9: Final phase completed 3/8/23. \$1000 credit given for modems supplied by BRWA.

Job #: 2023011	Job Type: Other	Service Area: Office	Last Updated:
Job Name: Annex Building Renovations		Funding/Budget:	3/8/2023
		Funding Source:	Department Contact:
Engineer:		Design Contract Amt:	R English / C Ward
Contractor:		Construction Contract Amt:	

Description: Renovations to Annex building including painting walls and replacing flooring throughout the building, and adding soundproofing in office areas.

Status: Project requested in CIP; unable to fund in FY23-24.

Job #: 2023015	Job Type: Internal	Service Area: Countywide	Last Updated:
Job Name: Integrated Billing and Asset Dashboard		Funding/Budget:	3/8/2023
		Funding Source:	Department Contact:
Engineer:		Design Contract Amt:	R English
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.

Current Engineering Projects

Bedford Regional Water Authority

Job #: 2013086.2	Job Type: Other	Service Area: Central - Bedford	Last updated on: 7/10/2020
Job Name: Route 43 - Stoney Creek Bridge VDOT Improvement			Department Contact: S Dade
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			
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 #: 2019069	Job Type: Site Plan w/ Existing Utilities	Service Area: Forest	Last updated on: 11/22/2022
Job Name: Impact Church Rezoning - Site Plan			Department Contact: J Dean
Description: Rezoning Applization #RZ190003 for Impact Church site layout master plan. Proposed church, sports fields and recreational facilities.			
Status: TRC 6/25/19. Concept 01 rec'd 6/19/19. Site Plan 01 rec'd 2/17/22. Comments sent to planning on 3/10/22. Signed Developer Agreement, Review & Inspection Fees rec'd 4/19/22. Site Plan 02 rec'd 5/31/22. Comments issued 6/21. Site Plan 03 rec'd 8/17/22. Comments sent 8/31/2022. Developer Items remaining for C2C. Site Plan 04 rec'd 11/22/22 (needs Extended Review Fee)			
Job #: 2019114	Job Type: Fire Flow Meter	Service Area: Central	Last updated on: 5/31/2022
Job Name: Cardinal Senior Living - FFMV			Department Contact: J Dean
Description: Proposed Senior Living Center			
Status: Site Plan 01 rec'd 12/06/19. Conference Call with Enginner 12/11/19. FF test check rec'd 12/23/2019. Site plan 02 rec'd 5/21/20. Developer Agreement sent on 6/29/2020. Site Plan 03 rec'd 8/27/20. Review fees and signed Developer Agmt needed in order to release comments. Site Plan 04 rec'd 4/21/22. Review & Inspection fee rec'd 4/26/22. Review comments sent to Engineer 4/27/2022. Signed Developer Agmt rev'd & ESMT #220006202 recorded 5/31/22.			
Job #: 2019117	Job Type: Water & Sewer	Service Area: Forest	Last updated on: 3/6/2023
Job Name: Westyn Village Condotels Phase 2 - Site/Design			Department Contact: T Hale
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.			
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. Esmnt #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 #: 2019117.1	Job Type: Fire Flow Meter	Service Area:	Last updated on: 6/11/2021
Job Name: Westin Village Condotels - Site/Design			Department Contact: T Hale
Description: For Fire Flow purposes only please reference 2019-117.			
Status: See 2019-117			

Job #: 2020066.2	Job Type: Sewer	Service Area: Forest	Last updated on: 1/6/2023
Job Name: FMS Pump Station Upgrades- Prepayment Request			Department Contact: R English
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.			
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; awaiting construction contract and executed agreement.			
Job #: 2020066.3	Job Type: Sewer	Service Area: Forest	Last updated on: 11/21/2022
Job Name: Westyn Village Forest Middle School Pump Station Upgrades - Design			Department Contact: W Quarles / S Dade
Description: Upgrades to Forest Middle School pump station to allow for current and future growth. Current growth related to Westin Village development.			
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 re'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 under way, 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.			
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 Agmnt. 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 Engineer 11/14/21. Plat was appv'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 req'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: Dsgn 01 rec'd 9/28/20. Comments & Dev Pkg issued 10/26/20. Need \$400 Base Fee, Review Fees and Agmnt 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: 12/29/2022
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.			

Job #: 2021022	Job Type: Site Plan w/Proposed Utilities	Service Area: Smith Mountain Lake	Last updated on: 12/6/2022
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.			
Job #: 2021024	Job Type: Internal	Service Area: Central	Last updated on: 3/11/2021
Job Name: Big Otter Well Abandonments			Department Contact: W Quarels
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 #: 2021026	Job Type: Site Plan w/ Existing Utilities	Service Area: Forest	Last updated on: 5/4/2021
Job Name: PLS LLC Warehouse Additon - Site Plan			Department Contact: J Dean
Description: Proposed 1,750 Square Foot Warehouse Addition.			
Status: TRC 3/23/21. Concept 01 rec'd 3/18/21. Site Plan 01 rec'd 4/27/22. Comments sent to Planning 5/4/2022.			
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.			
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:			
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 #: 2022020	Job Type: Site Plan w/Proposed Utilities	Service Area: Forest	Last updated on: 8/2/2022
Job Name: Farmington Section 20 Storage Area - Site Plan			Department Contact:
Description: Proposed boat & RV storage Lot with no proposed water or sewer connection.. PS access road to become 'joint-use' access.. Gate to be relocated to just past Storage Area. O&M of road and PS water service line easement to be clarified & formalized.			
Status: TRC 2/22/22. Concept 01 rec'd 2/17/22. Site Plan 01 rec'd 7/20/22. Comments issued 8/2/22.			

Job #: 2022021	Job Type: Sewer	Service Area: Smith Mountain Lake	Last updated on: 3/13/2023
Job Name: Key Largo Sewer Forcemain Extension - Design			Department Contact: S Dade
Description: Proposed sewer forcemain extension along Key Largo to serve 221-A-47.			
Status: Concept 01 rec'd 2/18/22; Design forthcoming. Emailed Engineer 2/22/22. Dsgn 01 & Base Fee rec'd 3/17/22. Comments 01 emailed to Engineer 4/12/22. FM Calculations 01 comments issued 4/12/22; FM Calculations 02 rec'd 4/12/22; Dsgn 02 rec'd 4/15/22. Dev Pkg issued & Comments 02 emailed to Engineer 5/11/22. Dsgn 03 rec'd 5/16/22. Signed Developer Agmt & Review Fees rec'd 5/18/22. Comments 03 emailed to Engineer 6/3/22. Dsgn 04 rec'd 6/7/22 (\$200.00 re-review fee needed). Re-review Fee rec'd 7/5/22. Comments 04 emailed to Engineer 7/11/22. Dsgn 05 & re-review fee rec'd 7/12/22. Dsgn 05 approvable 7/27/22 - awaiting Inspect Fee & remaining Dev Docs. Hard Copies of Shops Dwg rec'd 11/03/22. Inspection Fees rec'd 11/3/22. Shop Dwg Approved 11/2/22. Surety #2022-047 rec'd 11/21/22. C2C issued 11/21/22. As-Built 01 rec'd 3/9/23. As Built 02 rec'd 3/13/23.			
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 caacity, 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 Reivew 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: 2/2/2023
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.			
Job #: 2022041	Job Type: Other	Service Area:	Last updated on: 9/13/2022
Job Name: VDOT Sidewalks Graves Mill & Gristmill - Site Plan			Department Contact: J Dean
Description: Proposed sidewalks at Perrowville and on 221 connecting to the current Graves Mill / Grist Mill job.			
Status: Site Plan rec'd 4/26/22. Comments sent to VDOT 5/24/22. Maintenance met with VDOT to discuss BOV relocation 9/13/2022.			
Job #: 2022047	Job Type: Preliminary Plan	Service Area: Forest	Last updated on: 12/2/2022
Job Name: Jefferson Village Drive Townhomes - Preliminary Plan			Department Contact: J Dean
Description: Proposed 56 lots.			
Status: Prelim Plan 01 rec'd 5/5/22. Comments sent to planning 6/14/22. Prelim Plan 02 rec'd 10/28/22. Comments & Will-Serve letter sent to planning 12/2.			

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			
Job #: 2022071	Job Type: Site Plan w/Proposed Utilities	Service Area: Forest	Last updated on: 12/20/2022
Job Name: Sheetz Store Renovation - Site Plan			Department Contact: C Slusser
Description: Proposed store renovations.			
Status: TRC 8/9/22. Concept 01 rec'd 8/4/22. Review comments e-mailed to Planning & Engineer 8/8/22. Site Plan 01 rec'd 11/10/22. Comments 01 emailed to Planning 12/20/22.			
Job #: 2022080	Job Type: Sewer	Service Area: Central Sewer	Last updated on: 3/10/2023
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			
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 #: 2022097	Job Type: Concept	Service Area: Town of Bedford	Last updated on: 11/10/2022
Job Name: Town of Bedford Police Department Building - Concept			Department Contact: C Ward
Description: Proposed building addition & parking.			
Status: Town TRC 11/14/22. Concept 01 rec'd 11/10/22.			
Job #: 2022102	Job Type: Concept	Service Area: Forest	Last updated on: 11/17/2022
Job Name: 221 South Developers LLC Building Addition - Concept			Department Contact: C Ward
Description: Proposed 3,690 sq ft building addition.			
Status: TRC 11/22/22. Concept 01 rec'd 11/17/22.			
Job #: 2022104	Job Type: Concept	Service Area: Forest	Last updated on: 12/1/2022
Job Name: Curtis Lane Equipment Redevelopment - Concept			Department Contact: J Dean
Description: Concept Redevelopment Plan for Curtis Lane Equipment, showing Lots 2 through 5 of the Frank Trigg Subdivision.			
Status: Concept 01 rec'd 12/1/22. TRC 12/6/22.			
Job #: 2022106	Job Type: Concept	Service Area: New London	Last updated on: 12/16/2022
Job Name: Burnopp Metal, LLC Rezoning - Concept			Department Contact: C Ward
Description: Site feasibility for 3 proposed buildings (retail/manufacturing, workshop & storage). Request to rezone from R-1 to C-2 for commercial use.			
Status: TRC 12/20/22. Concept 01 rec'd 12/16/22.			

Job #: 2022109	Job Type: Concept	Service Area: Central	Last updated on: 12/19/2022
Job Name: Gill Brothers - Concept			Department Contact: C Ward
Description: Preliminary Site Plan for Gill Brothers.			
Status: TRC 12/19/22. Concept 01 rec'd 12/8/22.			
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 #: 2023005	Job Type: Concept	Service Area: Smith Mountain Lake	Last updated on: 1/5/2023
Job Name: Jasen Lane Self Storage - Concept			Department Contact: C Ward
Description: Concept of Self Storage Site Plan for Jasen Lane.			
Status: TRC 1/10/23. Concept 01 rec'd 1/5/23.			
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: Other	Service Area: Forest	Last updated on: 1/24/2023
Job Name: Pieleck Properties LLC Medical Office Addition - Concept			Department Contact: Jared Dean
Description: TRC Review			
Status: TRC date 1/24/2023. Comments sent to Planning & Consultant 1/24/2023.			
Job #: 2023012	Job Type: Concept	Service Area: Central	Last updated on: 1/30/2023
Job Name: Ole Dominion Blvd Townhomes & Subdivision - Concept			Department Contact: J Dean
Description: Concept plan for 72 single family lots & 8 (8 unit) townhouse buildings.			
Status: Concept 01 rec'd 1/26/23. TRC 2/8/23.			
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 #: 2023014	Job Type: Concept	Service Area: Forest	Last updated on: 2/27/2023
Job Name: Bellevue Acres Phase 1 - Concept			Department Contact: C Slusser
Description: Subdivision Plan for Bellevue Acres, Phase 1 for Trevor Gilliespie.			
Status: Concept 01 rec'd 2/7/23. TRC 2/14/23. Comments 01 emailed to Planning 2/9/23. Plat Comments 01 emailed to Surveyor & Planning 2/14/23. Plat Comment 02 emailed to Planning & Surveyor 2/27/23.			

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
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 Value Sewer Line Dedications:					\$213,899.00		
Total Length Sewer Pipe:					3011 lf		
Total Value of Dedications:					\$836,713.50		

Ivy Creek Sewer

Bedford Regional Water Authority
Board of Directors meeting
March 21, 2023

March 21, 2023



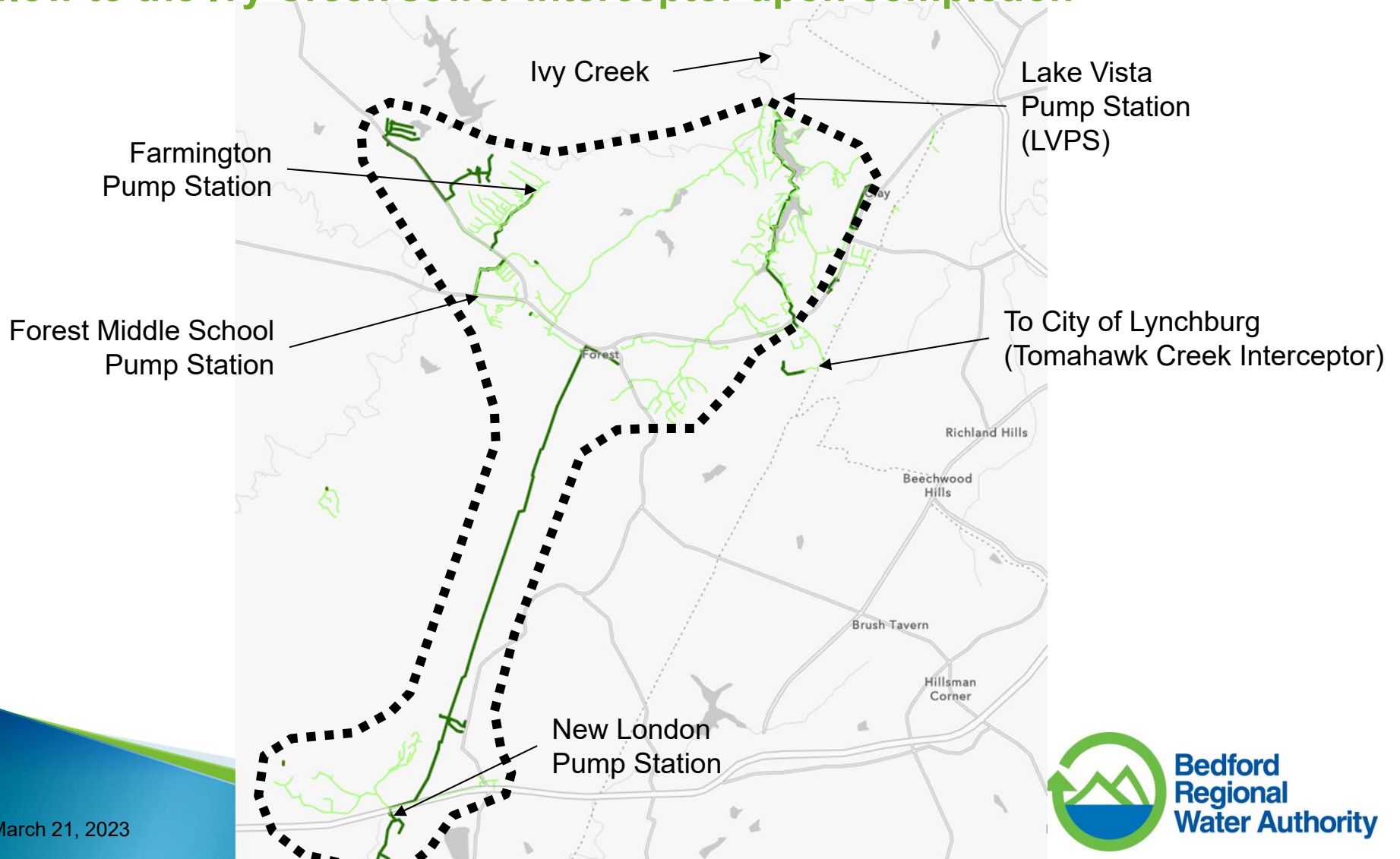
Background – Lake Vista Pump Station



March 21, 2023

Background – Lake Vista Pump Station

Majority of Forest sewer flows to the Lake Vista Pump Station and will flow to the Ivy Creek sewer interceptor upon completion



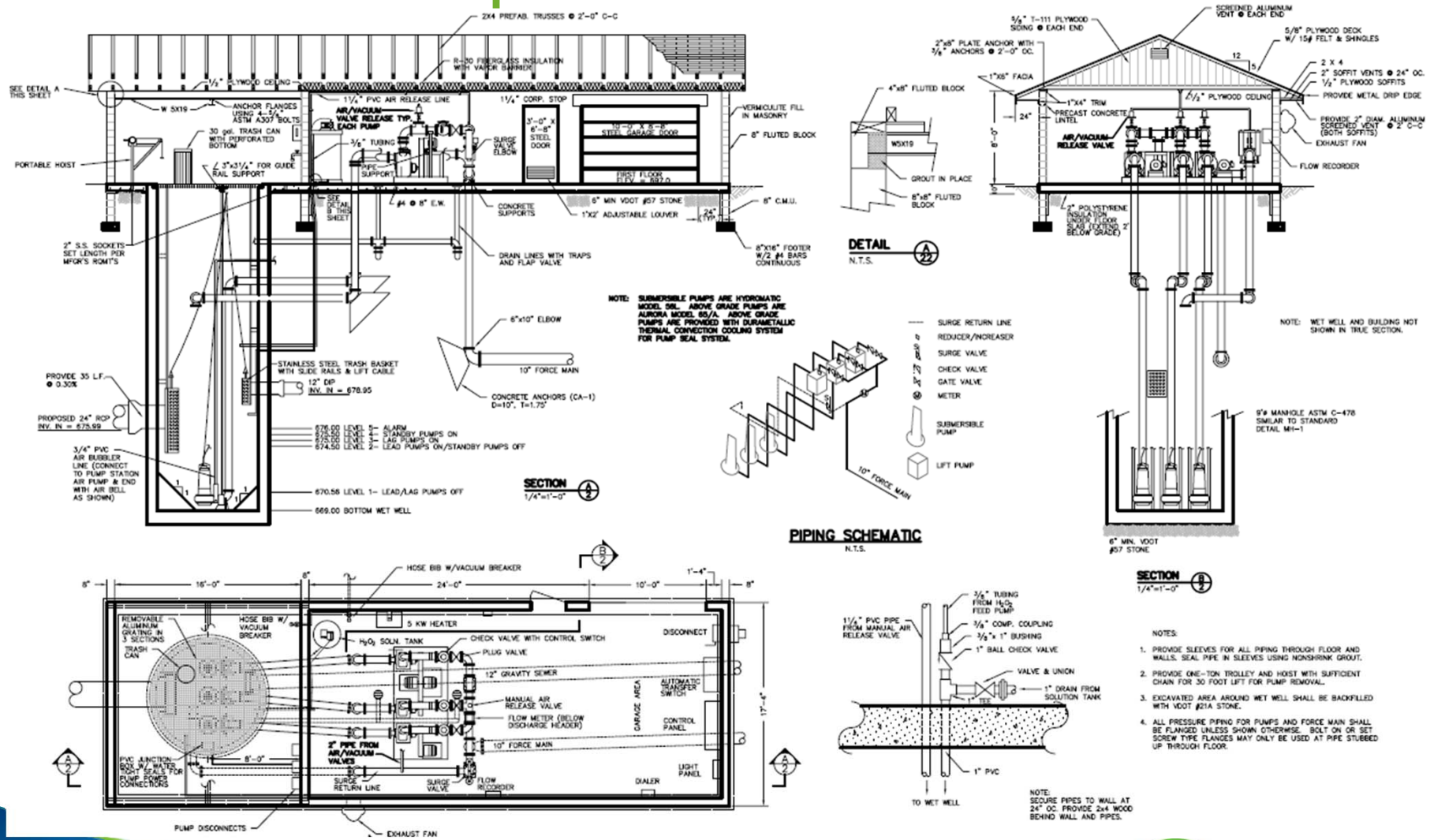
March 21, 2023

Background – Lake Vista Pump Station

- **Station designed to handle up to 1060 gpm / 1.5 MGD**
 - 14,000 feet of 10-inch force main
 - Discharges near Homestead Drive next to Coleman-Adams facility
 - 3 pairs of pumps, 6 total
 - 3 submersible (in wet well)
 - 3 centrifugal (in building)
- **Equalization basin constructed with project**
 - Located behind Homestead Gardens apartment complex
 - Equalize sewer flows into Lynchburg Interceptors
 - Blowers installed to maintain aeration and prevent settling of sewage
 - Blowers failed around 1999 and were not able to be replaced
 - Basin became unsafe and was removed in 2007 by DHC for \$104k
- **Downstream Line Replacement**
 - Receiving lines and manholes deteriorated due to hydrogen sulfide gasses from extended force main
 - Line replaced in 2009 by J.L. Crawford for approximately \$150k

Background – Lake Vista Pump Station

- Lake Vista Pump Station constructed in 1991



Background – Lake Vista Pump Station



March 21, 2023

Background – Lake Vista Pump Station



March 21, 2023

Background – Lake Vista Pump Station



March 21, 2023

Background – Equalization Basin



March 21, 2023

Background – Equalization Basin



March 21, 2023



Background – Lake Vista Pump Station

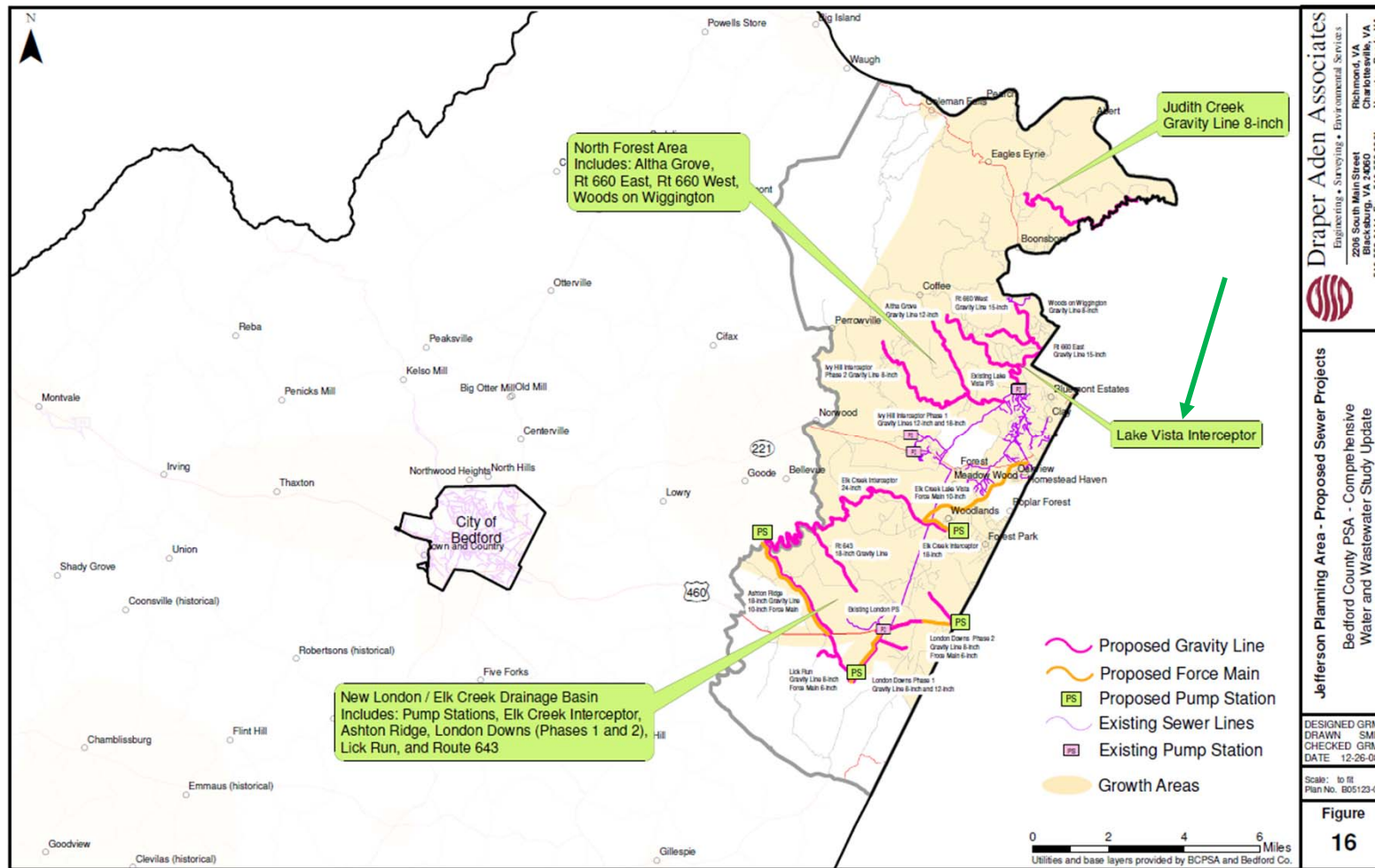
- **Operational Costs – Approximately \$110k per year**
 - Pump replacements / repairs
 - 2 pumps typically replaced or rebuilt each year
 - Odor control and Hydrogen Sulfide (H₂S) gas reduction
 - Bioxide tank and feed added in 2019 to control odors and H₂S
 - Potassium permanganate manually added previously for odor
 - Operator labor
 - Operator visits at least 2 times per week, and if there is power outage or loss of communication
 - Daily logging of pump hours and wet well levels
- **Other issues**
 - Odor complaints in neighboring subdivisions
 - Failing air releases on force main due to H₂S
 - Overflows
 - Metering for City of Lynchburg billing
 - Accurate metering not possible through metering flume or Flo-dar sensor due to significant variances in flow rates

Background – Ivy Creek Sewer

- **Project Need Identified**
 - 1994 Comprehensive Water and Sewer Master Plan
 - *“Long range development within the Forest area may make extension of the Ivy Creek Interceptor from Lynchburg cost effective. This would allow elimination of the Lake Vista Pump Station and the associated flow equalization facility. Ultimate development of the Forest area may require an increase in the County’s current 1.0 MGD allocated capacity in the Lynchburg plant.”*
 - 2000 Update to 1994 Master Plan
 - 2009 Water and Sewer Master Plan
- **Project desired by the City of Lynchburg due to metering issues and identified in Interceptor Improvements planning map**

Background – Ivy Creek Sewer

2009 Master Plan



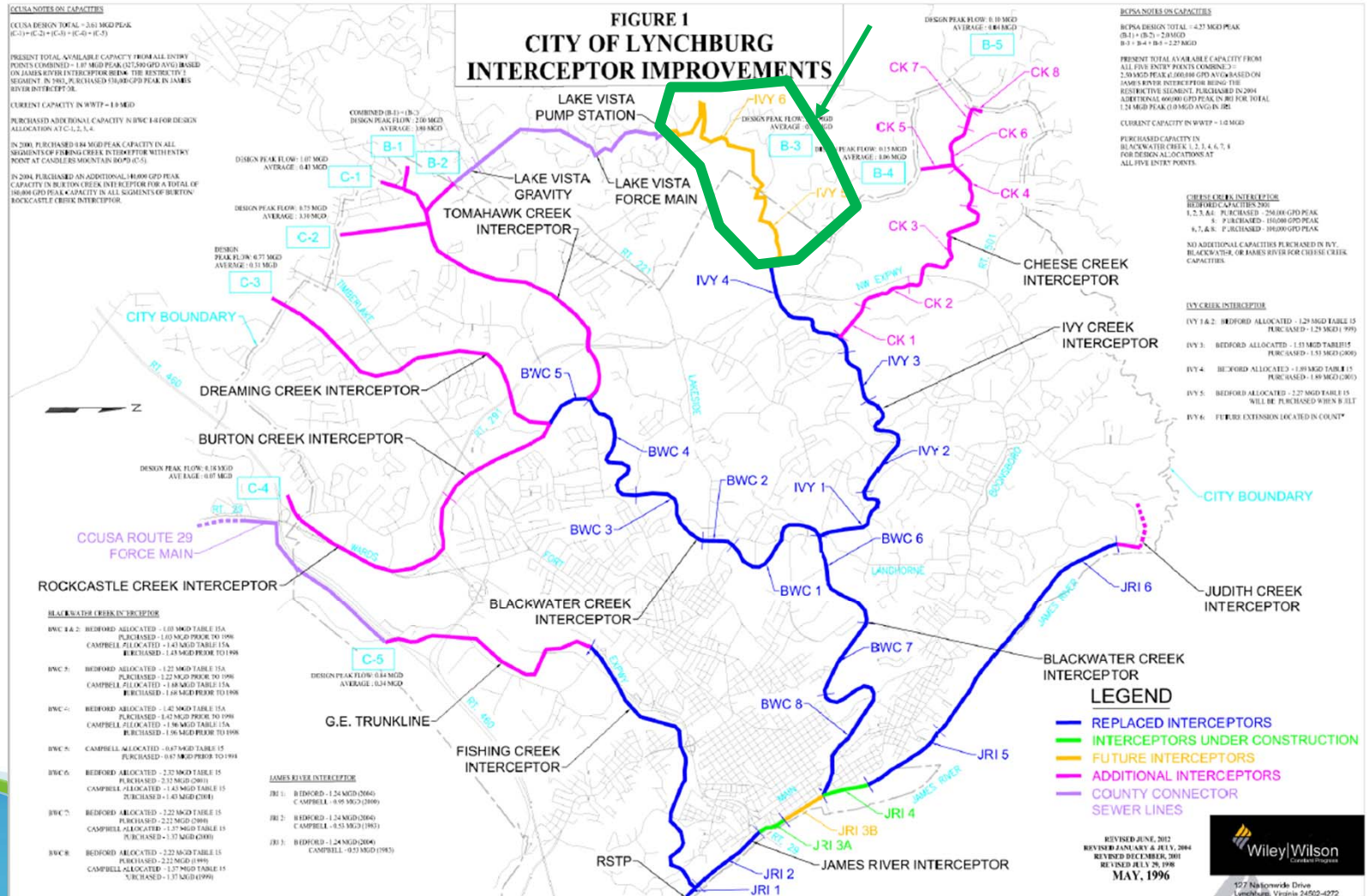
Draper Aden Associates
 Engineering • Surveying • Environmental Services
 2008 South Main Street
 Richmond, VA
 540-552-9444 Fax: 540-552-0291
 Hampton Roads, VA

Jefferson Planning Area - Proposed Sewer Projects
 Bedford County PSA - Comprehensive
 Water and Wastewater Study Update



Background – Ivy Creek Sewer

- Capacity allocations in Lynchburg Interceptors
 - Interceptor map includes future Ivy Creek Interceptors Div 5 & 6

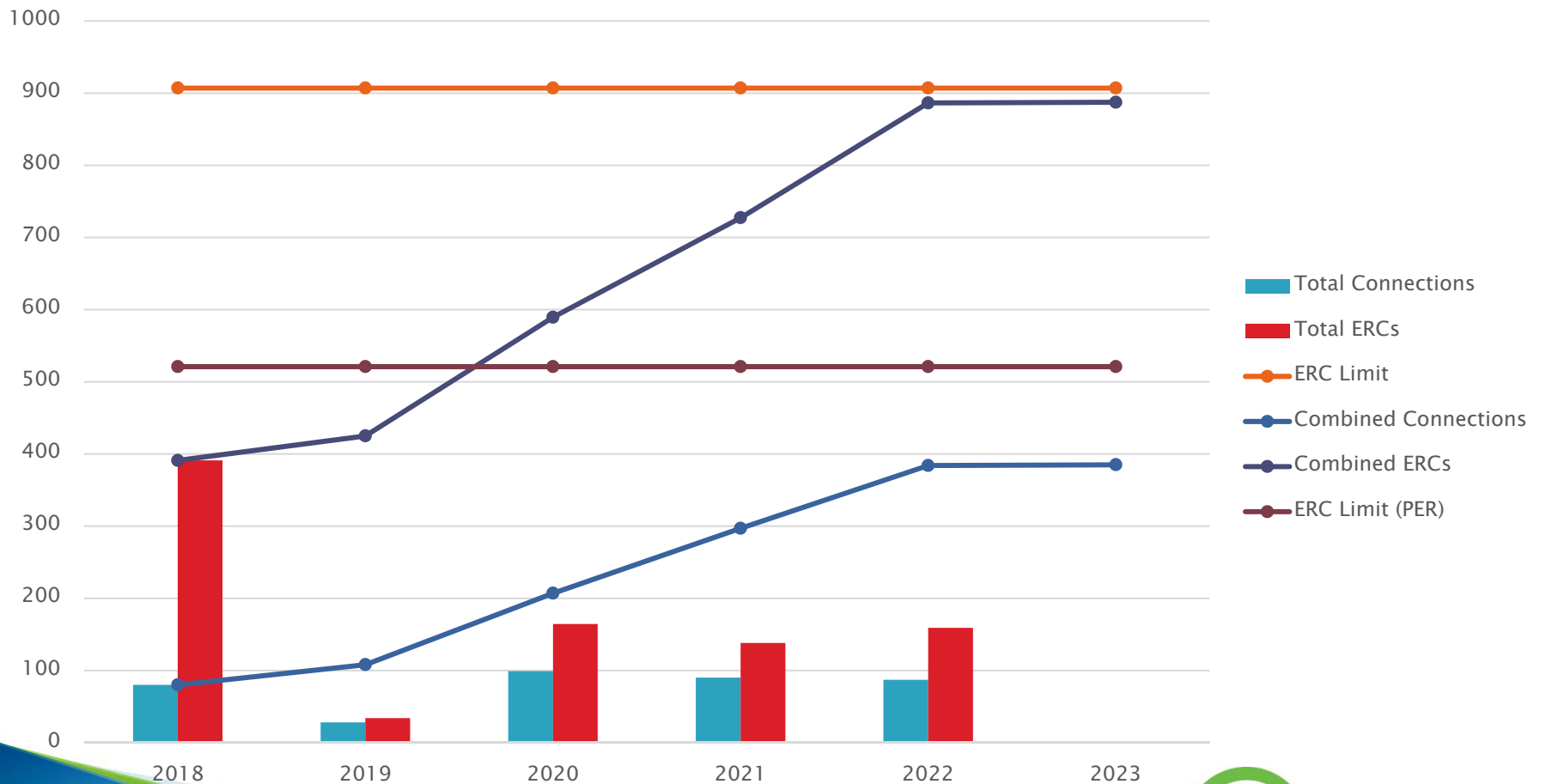


Project Timeline

- **Preliminary Engineering Report (PER) in February 2020**
 - Cost identified as \$11 Million; updated in July 2020 to \$12.5 Million
 - Future sewer flows projected to size gravity line for 2060 flows
- **Capacity Concerns**
 - Facilities require upgrade planning once 80% capacity reached
 - PER stated capacity for 521 Equivalent Residential Connections (ERCs) were remaining based upon 2018 pump data
 - Less conservative internal review provided estimate of 907 ERCs

Project Timeline

- **New connections within the LVPS area exceeded the ERC Limit based upon the PER by the end of 2020**



March 21, 2023

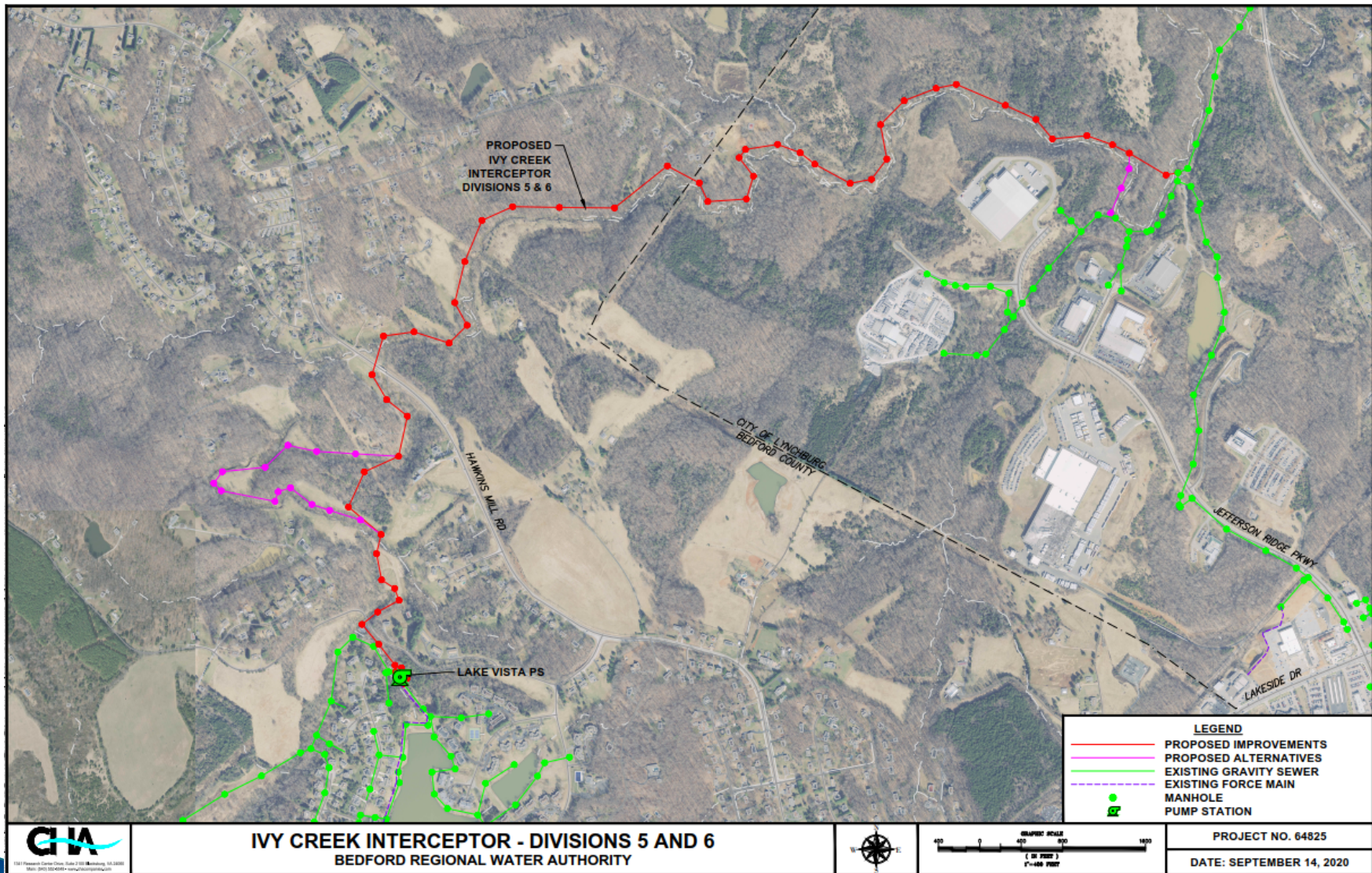
Project Timeline

- **DEQ Clean Water Revolving Loan Fund (CWRLF)**
Application submitted July 2020 for \$12,520,000
- **PPEA Agreement**
 - 4/6/2020: Unsolicited PPEA proposal received for Ivy Creek Sewer and Route 460 Pump Station (Water)
 - 12/18/2020: E.C. Pace selected through procurement process
 - 12/18/2020: Comprehensive Agreement executed
 - Preliminary Stage Services with ability to opt out of Construction Services
 - 10/25/2021: Amendment for Construction of Route 460 Pump Station
 - 8/19/2022: Amendment for Construction of Ivy Creek

Funding

- **Total Project Cost: \$15,471,092**
- **County contribution of \$1.5 Million**
 - Memorandum of Understanding in October 2020
 - Contributions of \$500k per year for 3 years
 - Agreement to allow continued development and no further increases to Sewer Capital Recovery Fees for 3 years after final contribution
- **DEQ Funding: \$13,971,092**
 - 0.5% Interest Loan for 25 years
 - \$632,636 Principal Forgiveness, equivalent to interest on total request
 - Loan amount for repayment is \$13,338,457
 - Initially approved for \$12,520,000
 - Due to material increases, requested increased funding in June 2022

Site Location



March 21, 2023



Project Benefits

- **Reduction in Operational Costs**
 - Electric utilities for running pumps
 - Labor for operator visits and cleaning
 - Maintenance costs for equipment, materials, and supplies related to programming, operation, and odor-control chemicals
- **Continued development in New London and Forest**
 - Lake Vista pump station is out of capacity
 - Project includes \$400,000 towards supplemental pumping at Lake Vista Pump Station during sewer construction

Construction – Easement Clearing



March 21, 2023

Construction – Material Storage



March 21, 2023

Construction Temporary Creek Crossings



March 21, 2023

Construction Timeline

- **DEQ Funding – Closed on 12/14/2022**
- **Permitting**
 - 2/18/2022 - Nationwide Permit (Army Corps of Engineers)
 - 4/21/2022 - AEP Easement Crossing Agreement
 - 5/10/2022 - Virginia Marine Resources Commission
 - 6/16/2022 - DEQ Environmental Review
 - 1/27/2023 - Bedford County Land Disturbing Permit
 - 2/23/2023 - City of Lynchburg Land Disturbing Permit
 - 2/27/2023 - VDOT Land Use Permit
- **Construction Completion anticipated October 2024.**

