The primary mission of the BRWA is to provide customers with the highest quality water and wastewater services at rates that are reasonable and just while protecting public health.

Bedford Regional Water Authority

BOARD OF DIRECTORS

August 15th, 2023

BEDFORD REGIONAL WATER AUTHORITY

Providing quality service to everyone.

1723 Falling Creek Road, Bedford, VA 24523-3137 | 540.586.7679 | 540.586.5805 | www.brwa.com

Bedford Regional Water Authority

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(540) 586-7679 (phone)
(540) 586-5805 (fax)
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MEETING NOTES

To: BRWA Board of Directors

From: Brian M. Key, PE; Executive Director

Date: August 9, 2023

Re: Notes for the August 15, 2023 Board of Directors Meeting

Below are a few notes corresponding to the agenda numbers:

4. Since we didn't have a meeting in July, the board will be reviewing the minutes from the June meeting.

5.b. As is the case every year, the financials for July will not be ready until right before the August meeting; Jill will post the June and July financials into dropbox as soon as they are ready, likely right before the meeting on Tuesday.

6.b. **Resolution 2023-08.01**: This resolution, for the board's consideration, would enable the ability to hire Supervisory Control And Data Acquisition (SCADA) consultants as needed under a term contract. This is following the same practice that we have used for years, the old contract agreements simply expired.

9.a. The Water and Sewer Committee from the Board of Supervisors is meeting with the Authority on August 10th; being that the board packets are being prepared prior to the meeting taking place, the agenda is provided in the packets and a summary will be provided at the board meeting.

9.b. We are scheduled to meet with the Board of Supervisors in a work session on August 28th. It would be good to have as many Authority board members present as possible at this work session. If you have ideas of what you would like presented to the Supervisors at the work session, please be prepared to discuss them at this Authority board meeting.

9.c. In June, I reported to the board about a visit that I had at the Marilla Reservoir in Pennsylvania. Pictures from my visit are included in the board packets. If the Authority is interested in pursuing something similar at our Stoney Creek Reservoir, I would like your input at this meeting so that I know how to proceed with planning efforts.

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

1723 Falling Creek Road
Bedford, VA 24523-3137
(540) 586-7679 (phone)
(540) 586-5805 (fax)
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NOTICE AND AGENDA

To: Board of Directors

From: Brian Key – Executive Director

Date: August 9, 2023

Re: Notice of Board Meeting and Agenda

A regular meeting of the Board of Directors of the Bedford Regional Water Authority ("Authority") will be held on **Tuesday, August 15, 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/86806719530?pwd=YUtQL2ZXRmFYYzJzMGp2YWkxbjV4QT09
  - Meeting ID: 868 0671 9530
  - Passcode: Hea2br
- Join the Zoom meeting with **audio only** by phone:
  (301) 715 8592 (312) 626 6799 (470) 250 9358
  - Meeting ID: 868 0671 9530
  - Passcode: 480642
- 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: June 20, 2023 – Regular Board Meeting
5. Financial Report: Presented by Jill Underwood
   a. Customer Service Report
   b. Financial Statements through month end July 2023 (not in packet)
6. Operations Report: Presented by Thomas Cherro
   a. Asset Management Report
   b. **Resolution 2023-08.01:** SCADA System Integration Services
7. Administration Report: Presented by Megan Pittman
8. Projects Report: Presented by Rhonda English

9. Executive Report: Presented by Brian Key
   a. August 10, 2023 Meeting with W&S Committee summary
   b. Supervisors August 28, 2023 Work Session - Planning (not in packet).
   c. Stoney Creek Reservoir
10. Other business not covered on the above agenda
11. Motion to Adjourn

MINUTES

1723 Falling Creek Road
Bedford, VA 24523-3137
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(540) 586-5805 (fax)
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Bedford Regional Water Authority – Board of Directors
Regular Board Meeting – Minutes
June 20, 2023

A regular meeting of the Board of Directors of the Bedford Regional Water Authority ("Bedford Water") was held on Tuesday, June 20, 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
Michael Moldenhauer, Vice Chair
Donald Barger, Jr.
Rusty Mansel
Kevin Mele
John Sharp

Members Absent:..... Jay Gray

Staff & Counsel Present:. Brian Key – Executive Director
Rhonda English – Deputy Director
Megan Pittman – Director of Administration
William Swain – Water Operations Manager

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. Public Comments for all issues other than the public hearing
3. Approval of Minutes: May 16, 2023 – Regular Board Meeting
4. Financial Report: Presented by Brian Key
5. Water Operations Report
   a. Meet William Swain – Water Operations Manager
   b. 750 Peaks Street – Ms. Leighton
6. Administration Report: Presented by Megan Pittman
7. Projects Report: Presented by Rhonda English
8. Executive Report: Presented by Brian Key
   a. Summary of facility tour on June 1
   b. Next facility tour on Friday, June 23
9. Other business not covered on the above agenda
10. Motion to Adjourn

3. Public Comments

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Nancy Leighton at 750 Peaks Street thanked the BRWA and Mr. Swain for testing her water and being very communicative with Ms. Leighton. She was happy with the response of the BRWA and the water test results.

4. Approval of Minutes: May 16, 2023 - Regular Meeting

The regular Board Meeting Minutes from May 16, 2023, were reviewed.

Member Sharp made a motion to approve the minutes.

Member Barger seconded the motion.

- Board member votes: __6__Aye; __0__Nay; __0__Abstain. The motion carried.

5. Financial Report: Presented by Brian Key

The budget goal was 95% for May with operating revenues at 86% and operating expenses at 80%. Capital Recovery fees received this FY are 123% of the total budgeted amount, with water at 125% and sewer at 119%. All debt payments for the fiscal year have been paid, as of May 31st. Finance is working on preliminary audit preparation, as well as posting adjusting entries from throughout the year (i.e. prepaid accounts, capital asset activity, and depreciation). Mr. Key explained that the excess revenue from Capital Recovery can be used for CIP projects. Mr. Mele asked Ms. Underwood to contact him when she returns from PTO to provide further explanation about the developer credits.

6. Water Operations Report

a. Meet William Swain – Water Operations Manager

Mr. "W.T." Swain introduced himself to the board. He worked at the City of Lynchburg for about 15 years, as both a line tech and in the water department as a supervisor. He's been with the BRWA since December 2022. He views licensing as one of the biggest challenges in the Water Operations department. Mr. Mansel said the BRWA should take to heart how to help the young workforce that is working to get their licenses.

b. 750 Peaks Street - Ms. Leighton

Mr. Swain explained that three locations were tested, both inside and outside of Ms. Leighton's home. These samples were tested in-house for immediate results and were also sent to Pace. The results showed that the water was well within the health department's requirements.

7. Administration Report: Presented by Megan Pittman

Ms. Pittman reported on the media articles included in the packet. She also announced a Water Tower Showdown on July 8th at the SML Water Treatment Facility for 6th- 8th graders. This is in conjunction with Lynchburg Water Resources and WVWA. Another event is the 10th Anniversary celebration on June 29th at noon. She also mentioned that salary memos were handed out after the board approved the budget last meeting and were met with great appreciation. The Information Systems department is also setting up with a new provider called Connectwise which will provide greater security and cloud backups.

8. Projects Report: Presented by Rhonda English

The ESCO project on the CIP list is finally marked as complete. Next month, the new projects for the FY23-24 CIP will be a part of the report along with any projects still in progress. The 460 pump station has a few minor SCADA integrations left until it is

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complete. The Ivy Creek project is experiencing some challenges due to hydrogen sulfide leaking into the bedrock which caused an unsafe explosion and halted activity. Mr. Key and Ms. English will be looking at a realignment for the project.

9. Executive Report: Presented by Brian Key

a. Summary of facility tour on June 1

Mr. Key took Mr. Mele and Mr. Barger to a few sites, where they saw that the BRWA has a brand new plant, a quite old plant, and sites in between of all ages. Mr. Mele said he was struck by the beauty of the reservoir and he would like the public to have access to it. Mr. Barger said that the whole operation is a well-oiled machine and it is very impressive. He also complimented Mr. Key on his vast knowledge of the system and industry.

b. Next facility tour on Friday, June 23

Another tour is scheduled for Friday, June 23rd. The offer for tours is always open to board members.

10. Other Business not covered on the above agenda

Mr. Key said that Clay Chastain lost his appeal in the Supreme Court of Virginia related to his disagreement with the BRWA fees. He can now ask the Supreme Court of Virginia to reconsider; it would not go to a federal level after this. To date, the courts have all ruled in favor of the BRWA charging fair rates.

Mr. Key informed the Board that he attended the American Water Works Association ACE conference; lead and copper, PFAS, and labor were the top topics for discussion. He said it is beneficial to talk with peers in the industry from all over the country.

Mr. Key toured the reservoir at Bradford, Pennsylvania, where they made a nice public trail system, and he will share more information and pictures at a future meeting. Bradford's reservoir could be a good example of what the BRWA's reservoir could look like for the public. Conversations about a land transfer will have to be part of this conversation due to owning all the land all around the reservoir.

11. Motion to Adjourn:

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

Board Member Votes: __6__Aye, __0__Nay, __0__Abstain. The motion carried.

The meeting adjourned at approximately 8:03 pm.

Prepared by Megan Pittman – Director of Administration
Approved: _____ 2023

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FINANCIAL REPORT

Tracking Data for Customer Service Department

	Description	August '22	September '22	October '22	November '22	December '22	January '23	February '23	March '23	April '23	May '23	June '23	July '23	Running 12 Month Totals
1	Statements Generated	14,454	14,365	14,345	14,277	14,270	14,286	14,291	14,309	14,340	14,360	14,389	14,387	172,073
2	Total $ Amount of Statements Generated	$1,241,882.27	$1,520,175.34	$1,412,481.97	$1,272,680.32	$1,344,339.45	$1,350,337.14	$1,525,796.19	$1,212,382.01	$1,252,787.83	$1,374,870.73	$1,219,654.39	$1,380,011.59	$16,107,399.23
3	Total $ Payments Received	$1,592,202.60	$1,540,233.12	$1,431,571.66	$1,353,615.77	$1,533,867.61	$1,379,464.27	$1,198,156.84	$1,585,834.36	$1,252,834.74	$1,452,188.85	$1,275,279.54	$1,547,925.73	$17,143,175.09
4	Account Transfers	154	185	121	266	160	152	170	229	157	206	245	239	2,284
5	New Customers - Forest	104	28	4	5	2	6	8	9	13	10	4	6	199
6	New Customers - SML	8	2	3	4	2	7	1	1	-	2	3	1	34
7	Residential Disconnected Customers (#)	94	99	100	85	-	101	68	85	82	44	66	66	890
8	Residential Disconnected Customers ($)	$15,084.57	$15,711.69	$39,944.49	$13,922.43	$0.00	$20,975.10	$10,642.80	$14,138.59	$16,738.83	$9,396.22	$13,899.02	$10,184.67	$180,638
9	Meters Read - Normal and Transfer Readings	14,493	14,489	14,502	14,500	14,511	14,535	14,507	14,570	14,597	14,616	14,632	14,662	174,614
10	Radio Read Meters	14,451	14,444	14,462	14,460	14,472	14,498	14,470	14,534	14,575	14,598	14,607	14,621	174,192
11	Manually Read Meters	42	45	40	40	39	37	37	36	22	18	25	41	422
12	Tower Read Meters	2,160	2,722	2,641	2,460	2,594	3,027	2,924	2,927	3,106	2,726	2,474	2,038	31,799
13	New Meter Installs	36	15	8	18	11	18	9	12	30	23	10	28	218
15	Meters Changed - Program	-	-	14	-	-	11	35	97	33	4	2	2	198
17	Remaining Developer's Credits	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	$341,484.01	N/A
18	Bulk Water Sales - New London (Gallons)	18,255	6,942	26,515	26,140	3,050	-	3,050	-	7,110	27,125	83,480	10,615	212,282
19	Bulk Water Sales - Moneta (Gallons)	29,930	8,720	22,570	11,180	700	-	700	-	-	-	17,245	20,180	111,225
20	Bulk Water Sales - Central Distr (Gallons)	12,825	16,265	52,520	9,200	17,500	-	20,600	34,300	75,200	64,500	118,908	35,494	457,312
21	Total Bulk Water Sales	$732.12	$383.12	$1,219.26	$558.24	$255.00	$0.00	$292.20	$411.60	$987.72	$1,099.50	$2,635.60	$795.47	$9,369.83

OPERATIONS REPORT

Bedford Regional Water Authority

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

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: August 7, 2023
Re: July 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 July.

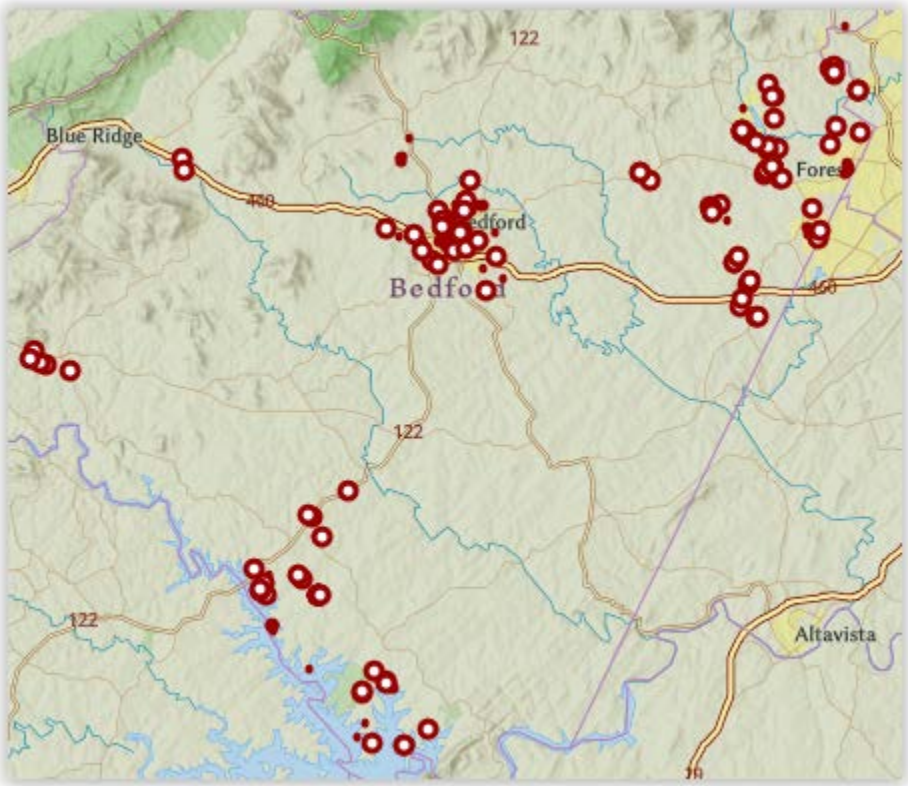


Figure 1: Map Showing Distribution of July Tasks

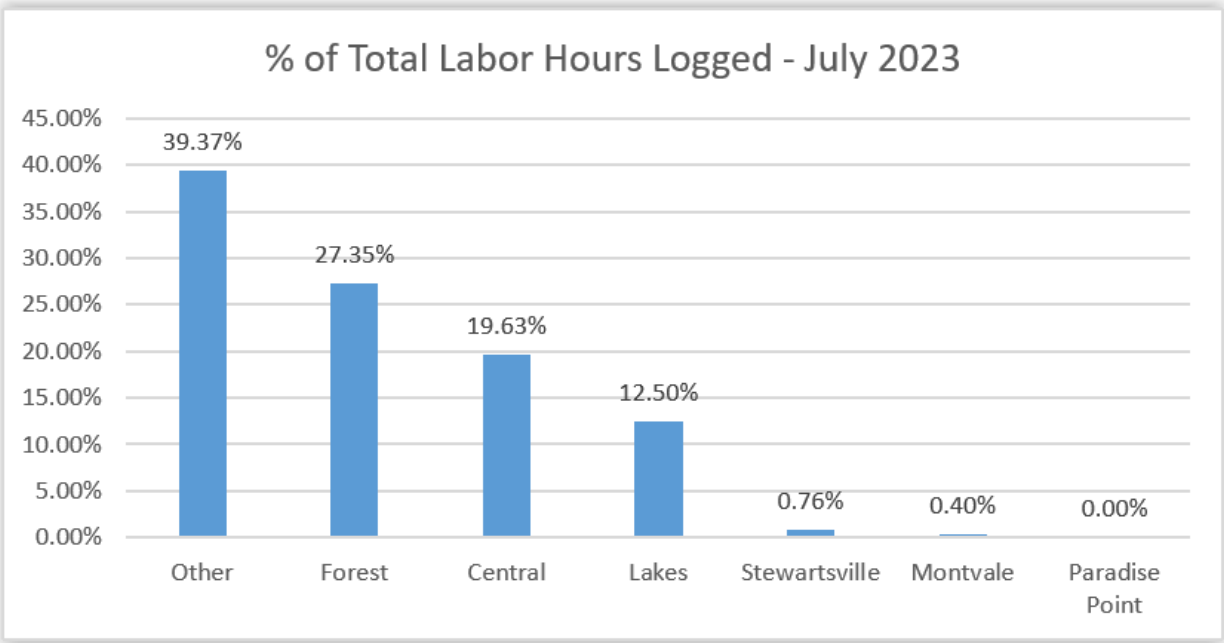
Labor Hours Invested by General Service Area

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

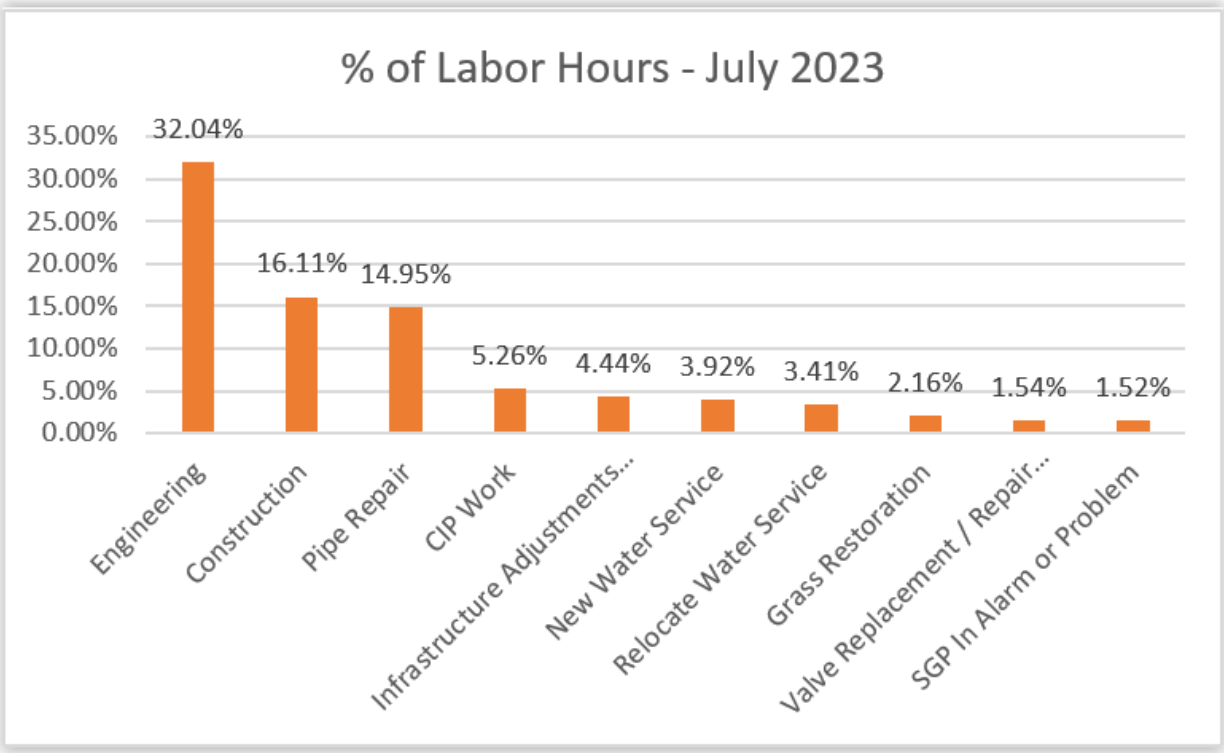
General Service Areas:

- **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 85% of the total labor hours logged in July are represented in the chart below of the top ten types of tasks performed.



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RESOLUTION MEMORANDUM

To: BRWA Board of Directors
From: Thomas Cherro, Director of Operations
Date: August 7, 2023
Re: Resolution 2023-08.01: SCADA System Integration Services Contract Award

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A Request for Proposals was advertised on eVA, Virginia's eProcurement Portal, and emailed to qualified SCADA system integrators in July 2023. After a four-employee committee reviewed the submitted proposals and conducted interviews of the six system integrators that responded, the committee unanimously agreed to recommend approval to the Board of Directors for the execution of term contracts with Fairwinds Automation, Dorsett Controls, and E-Merge Systems LLC.

The proposed contracts will be for one year, with the ability for the Authority to renew for up to four successive one-year terms. These are term contracts, which give the Authority the ability to select a contractor when needed for projects or routine work; there is no guarantee that any work will be conducted through any of the contractors, and there is no price or fee associated with these specific contracts.

RESOLUTION
2023-08.01
SCADA System Integration Services Contracts

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 15th of August 2023, beginning at 7:00 p.m.:

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

WHEREAS, a Selection Committee ("Committee"), comprised of four Authority staff personnel was created for the selection of a SCADA System Integrator for the Bedford Regional Water Authority; and,

WHEREAS, the Committee has followed the guidelines set forth in the Authority's Policy 10.10 – Purchasing by advertising a Request for Proposals and reviewing Statements of Qualifications and soliciting proposals from selected qualified SCADA System Integrators; and,

WHEREAS, the Committee reviewed proposals from SCADA System Integrators on August 3, 2023, and unanimously agreed to recommend to the Board of Directors that they approve of the execution of contracts with Fairwinds Automation, Dorsett Controls, and E-Merge Systems LLC. as the SCADA System Integrators providing the best value for the Authority; and,

WHEREAS, agreements will be prepared for Fairwinds Automation, Dorsett Controls, and E-Merge Systems LLC to enter into a one-year contracts which provide for the renewal for up to four successive one-year terms to provide SCADA and integration services as authorized by the Authority; and,

WHEREAS, the Executive Director concurs with the committee's recommendation, and recommends the award of the contracts with agreement that are substantially similar to the attached; now,

THEREFORE, BE IT RESOLVED, that the Board of Directors does hereby authorize the Director of Operations to execute individual contracts with Fairwinds Automation, Dorsett Controls, and E-Merge Systems LLC for SCADA System Integration Services.

<continued on next page>

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 August 15, 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.

_____
Brian M. Key, Secretary,
Bedford Regional Water Authority

(SEAL)

AGREEMENT FOR SCADA and INTEGRATION SERVICES
Bedford Regional Water Authority Term Contract

This non-exclusive Agreement made this XXth day of Month, 2023 by and between the Bedford Regional Water Authority, Bedford County, Virginia, hereinafter known as the OWNER, and Company Name, City, State, hereinafter referred to as the INTEGRATOR:

Scope of Services

The OWNER will require various SCADA and Integration services to assist in operation and with all phases of particular projects associated with water and wastewater facilities throughout the Authority's service area. The INTEGRATOR shall furnish these services as requested which may include, but are not necessarily limited to the following:

1. Troubleshooting & Repair
2. System Software Updates
3. Hardware Engineering and Design Layout
4. Hardware Upgrades
5. Software Programming
6. Parts and Supplies
7. Operation Advice and Assistance
8. Plan Review Assistance

Agreement Term

This non-exclusive Agreement shall be in effect for one year from the date of Agreement noted herein. The Agreement Term shall be extended for an additional period of service at the discretion of the OWNER, for up to four additional years.

Fees

Fees for each project assigned to the INTEGRATOR shall be negotiated individually on an hourly or lump sum basis, with charges as determined by the scope of work. Labor rates shall be in accordance with INTEGRATOR's current standard billing rate schedule at the time the work is performed. Any revisions to the INTEGRATOR's billing rate sheet must be provided to the owner at the time that the changes are made, regardless of the current project workload that is being performed by the INTEGRATOR.

When requested by the OWNER, the INTEGRATOR shall provide appropriate services for projects requiring open-ended assignment (such as operational "troubleshooting") or in emergency situations. The INTEGRATOR shall charge for the time required on an hourly charge basis according to the current standard billing rate schedule.

Invoices and Payments

Payment terms are net 30 days. A 1 ½% (18% APR) will be assessed on all late payments. The OWNER is responsible for payment collection costs including attorney fees and court costs.

Any sales, excise or use tax resulting for the work performed under this proposal shall be the OWNER's responsibility.

Ownership

Original documents, notes, digital files, and the like, except those furnished to the INTEGRATOR by the OWNER, are and shall remain the property of the INTEGRATOR.

The OWNER shall be furnished with copies of the digital files, reproducible copies of all plans, hard copy files, system maps, reports, analyses, and other work products produced by the INTEGRATOR. These documents shall be provided in either hard copy or digital form, at OWNER's option.

INTEGRATOR will grant to OWNER a personal, paid-up, perpetual, non-exclusive, non-transferable license to use any intellectual or proprietary property developed by INTEGRATOR and employed under this contract/agreement/project.

INTEGRATOR shall retain all rights, title, and interest in any intellectual or proprietary property employed as part of the services provided under this contract/agreement/project.

OWNER shall not use any of the intellectual or proprietary property provided by the INTEGRATOR for any purpose other than the purpose intended at the time of delivery.

OWNER shall not sell, license, assign, or transfer the intellectual or proprietary property of the INTEGRATOR to anyone.

Unless other written instructions are provided by the OWNER, any third party software or intellectural property employeed under this contract/agreement/project and/or supplied to the OWNER will be licensed in the OWNER's name according the the third party provider's standard license agreement.

Extension to Other Jurisdictions

The OWNER extends the resultant contract, including pricing, terms and conditions to other public entities under the jurisdiction of the United States and its territories.

Termination

If the INTEGRATOR shall fail to fulfill in a timely and proper manner their obligations under this agreement or any subsequent contracts, or if the INTEGRATOR shall violate any of the covenants, agreement, or stipulations of this AGREEMENT, the OWNER shall there upon have the right to terminate this AGREEMENT, or specific portions thereof, or the subsequent contracts, by giving written notice to the INTEGRATOR of such termination and specifying the effective date of such termination at least five days before the effective date of such termination. In that event, copies of all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs, and reports prepared by the INTEGRATOR shall be furnished to the OWNER, and the INTEGRATOR shall be entitled to receive just and equitable compensation for the work done until the date of the termination.

Notwithstanding the above, the INTEGRATOR shall not be relieved of liability to the OWNER for damages by the OWNER by virtue of any breach of the AGREEMENT by the INTEGRATOR, and the OWNER may withhold any payments to the INTEGRATOR, for the purpose of setoff until such time as the exact amount of damages due the OWNER from the INTEGRATOR is determined. Likewise, the OWNER shall not be relieved of liability to the INTEGRATOR for damages sustained by the INTEGRATOR by virtue of any breach of AGREEMENT by the OWNER and the INTEGRATOR may withhold any services, including work already completed due the OWNER for the purposes of setoff until such time as the exact amount of damages due the INTEGRATOR from the OWNER is determined.

WITNESSETH

That for and in consideration of the mutual covenants and promises between the parties hereto, it is hereby agreed:

OWNER: BEDFORD REGIONAL WATER AUTHORITY (Seal)

Attest Signature	Signature
Name	Name
Title	Title
	Date

INTEGRATOR: COMPANY NAME (Seal)

Attest Signature	Signature
Name	Name
Title	Title
	Date

ADMINISTRATION REPORT

Bedford County: Land use issues take center stage at the Board of Supervisors work session

Cindy Forrest
Smith Mountain Eagle contributor

In a squeaker during the Bedford County Board of Supervisors meeting held on July 24, 2023, the Board approved a special permit application for a campground on Peaks Road in Bedford by a 4:3 vite. Property owners Stephen Wood, Christopher Wood and James Wood Jr. proposed developing the 10-acre site with ten 400 square foot glamping tents and nine 2000 square foot RV sites. Other buildings will include two-bathroom facilities, a camp store, maintenance, storage and utility building and caretaker's quarters.

Glamping is a term coined to represent glamorous camping. Glamping tents are associated with comforts and conveniences not typical of ordinary tents. There usually fully furnished and come with comfortable beds, heating, electricity and lights.

Planner Mariel Fowler, with the county Division of Planning and engineer Will Yeager presented the facts of the application along with details at the June 6, 2023 Planning Commission meeting.

The commission looked at impacts including public well and sewer usage, visibility from surrounding properties, sound, and soil/erosion factors.

Reacting to three citizens that spoke against the proposal with concerns about flood plain safety, trash control, staffing and hours of operation, among other things that the planning commission made some changes to address residents' concerns before voting 7 -0 in recommending approval.

Property-owner Chris Woods, an employee of the Bedford Welcome Center who described himself as a naturalist, would be the onsite property manager. He was a former National Parks employee and has managed numerous campgrounds. Woods described his vision for the campground on this property as a "close to nature experience." The plan is for the campground to be open from March through the end of October or early November annually.

Six local residents spoke out against approval of the special permit citing trespassing, hunting, property values, flooding, noise and fire concerns. Tab O'Neill said he has lived in various locations within Bedford County until 20 years ago when

Bedford County Board of Supervisors, left to right: L to R: Mickey Johnson, Charla Barnsley, John Sharp, Chair Edgar Tuck, Vice Chair Tammy Parker, Tommy Scott and Bob Davis. *Credit: Bedford County*

he purchased land in that area specifically because it was in an agricultural village zone. "I thought I'd never have to come to meeting like this," he said.

Thirty-year resident Henry Clark called the area, "one of the last pretty drives in Bedford." He voiced concerns about the dangerous intersection of Kelso Mill Road and Route 43, in addition to noise bouncing off nearby mountains and fire from multiple outdoor cooking sites.

After the public had its say, board members jumped in with concerns of their own.

District 7 representative and vice chair Tammy Parker questioned the issue of acreage. By ordinance, a campground site must be a minimum of 10 acres. The proposed site is 10.3 acres, however almost half of it is on the far side of Stony creek and inaccessible to the actual campground. Her contention is that with that amount of property unconnected, it does not meet the minimum requirement.

Representative John Sharp said while Parker's understanding of the issue is valid, he was uneasy with denying approval based on interpretation of the 10-acre ordinance. "We've got an applicant who paid money for advertising, engineering and public hearings and this has been allowed to go forward based on staff interpretation that it meets the criteria."

Reacting to concerns about flash flooding and noting that he has seen that area flood board in the past, Representative Mickey Johnson questioned board attorney Patrick Skelley, "if we approve this and a couple brought a small child up there glamping and the rain came and they were stranded would we be liable for approving this?"

Skelley explained that the board has legislative immunity. In addition, he noted that the planning commission recommended signage saying "…you're doing this at your own risk. This is a flood area." So they'd be fully informed.

Board chairperson Edgar Tuck said, "my particular concern is the sites in the flood plain. I know we can warn people all day long, but how many times have they sent planes in after people who disregarded warnings?"

When the roll call vote was taken three members - Parker, Johnson and Bob Davis vote against approval. Sharp, Charla Bansley and Tommy Scott voted to approve, leaving the deciding vote up to Tuck. Tuck repeated his earlier reservation. "I really have concerns about those flood plains," he said. Then he voted, "Yes."

Although the board of supervisors did approve the special use permit, it will still be up for review by the health department, VDOT, Bedford Regional Water Authority and Natural Resources to ensure compliance.

https://www.smithmountaineagle.com/news/article_9804dcba-3222-11ee-83dc-1396adcf34d5.html

Land use issues take center stage at the Bedford County Board of Supervisors work session

Cindy Forrest
Aug 3, 2023

Stock

In a squeaker during the Bedford County Board of Supervisors meeting held on July 24, 2023, the Board approved a special permit application for a campground on Peaks Road in Bedford by a 4:3 vite. Property owners Stephen Wood, Christopher Wood and James Wood Jr. proposed developing the 10-acre site with ten 400 square foot glamping tents and nine 2000 square foot RV sites. Other buildings will include two-bathroom facilities, a camp store, maintenance, storage and utility building and caretaker's quarters.

Glamping is a term coined to represent glamorous camping. Glamping tents are associated with comforts and conveniences not typical of ordinary tents. There usually fully furnished and come with comfortable beds, heating, electricity and lights.

Planner Mariel Fowler, with the county Division of Planning and engineer Will Yeager presented the facts of the application along with details at the June 6, 2023 Planning Commission meeting.

The commission looked at impacts including public well and sewer usage, visibility from surrounding properties, sound, and soil/erosion factors.

Reacting to three citizens that spoke against the proposal with concerns about flood plain safety, trash control, staffing and hours of operation, among other things that the planning commission made some changes to address residents' concerns before voting 7 -0 in recommending approval.

Property-owner Chris Woods, an employee of the Bedford Welcome Center who described himself as a naturalist, would be the onsite property manager. He was a former National Parks employee and has managed numerous campgrounds. Woods described his vision for the campground on this property as a "close to nature experience." The plan is for the campground to be open from March through the end of October or early November annually.

Six local residents spoke out against approval of the special permit citing trespassing, hunting, property values, flooding, noise and fire concerns. Tab O'Neill said he has lived in various locations within Bedford County until 20 years ago when he purchased land in that area specifically because it was in an agricultural village zone. "I thought I'd never have to come to meeting like this," he said.

Thirty-year resident Henry Clark called the area, "one of the last pretty drives in Bedford." He voiced concerns about the dangerous intersection of Kelso Mill Road and Route 43, in addition to noise bouncing off nearby mountains and fire from multiple outdoor cooking sites.

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Although the board of supervisors did approve the special use permit, it will still be up for review by the health department, VDOT, Bedford Regional Water Authority and Natural Resources to ensure compliance.

PROJECTS REPORT

CAPITAL IMPROVEMENT PROGRAM

Projects Listing

Line ID	Project	Funding Source	Project Costs (Budget)	Project Costs (Committed / Expected)	Spent to Date	Remaining to Spend	Department	Responsible Manager	Current Status	Current Status Date	Status Notes	Start Date	Completion Date
1	Forest to Lakes Permanent Booster Station	SML Residual	$2,300,000	$2,253,213	$ 2,168,615	$ 131,385	Engineering	Rhonda	In Progress	8/4/23	As-built drawings are under review; awaiting engineer's O&M manual and completion of final SCADA punch list item. Maintenance will install the actuated bypass valve at Big Ben (460) control valve with additional SCADA integrations to be performed through a direct contract with an integrator.	12/18/20	2/28/23
2	Ivy Creek 5 & 6 Design, Construction & Capacity	Debt Service / Other	$15,471,092	$15,471,092	$ 4,951,024	$ 10,520,069	Construction	Cody	In Progress	8/7/23	Working with Lynchburg and Design-Build team on replacement of City's sewer line that was removed prior to the blast explosion. Design is underway for an alternate alignment around this area. Change Order is approved and signed for the re-construction of the city of Lynchburg's sewerline. Construction is expected to begin August 14th.	12/18/20	9/30/24
3	Helm Street Tank Replacement	ARPA	$3,391,304	$218,203	$ 190,105	$ 3,201,199	Engineering	Rhonda	In Progress	8/4/23	Comments were sent to the consultant on 7/20 for the 90% plan submittal. Final documents are anticipated by the end of August for bidding.	3/2/22	10/1/26
4	Bell Town Road Waterline Extension	ARPA	$500,000	$308,615	$ 39,829	$ 460,171	Engineering	Whitney	In Progress	6/29/23	Bid awarded to Classic City Mechanical for $264,150.00. Contract Agreement was executed with Effective Date of 6/5/2023 and start date of construction planned for 7/3/2023. A Notice to Proceed was issued for construction to begin on 7/3/2023. Responsible Manager during construction will be Cody Ward.	7/3/23	10/1/26
5	Town & Country Subdivision Sewer Replacements	ARPA / DEQ / Setasides	$2,494,576	$2,478,391	$ 1,424,089	$ 1,070,487	Engineering	Whitney	In Progress	6/29/23	Due to math error, Change Order #5 was revised to reflect the correct amount remaining from the original bid submittal totaling, $377,924.00. Change Order #6 was approved to remove two 4-inch laterals and installing one 6-inch lateral resulting in a deduct of $10,111.00. The project is nearing 70% completion.	10/24/22	12/18/23
			$24,156,972	**$20,729,514**	**$8,773,661**	**$15,383,311**							

FISCAL YEAR CAPITAL IMPROVEMENT PROJECTS

Line ID	Project	FYE CIP	Project Costs (Budget)	Project Costs (Committed / Expected)	Spent to Date	Remaining to Spend	Department	Responsible Manager	Current Status	Current Status Date	Status Notes	Start Date	Completion Date
6	Stoney Creek Reservoir - Ph 1 (PER) & Ph 2 (Repairs/Design)	2023	$200,000	$45,840	$ 27,386	$ 172,614	Engineering	Whitney	In Progress	5/30/23	W|W is developing proposals commencing cleaning and improvement work to be performed while inquiring with DCR about Dam Alteration Permitting, which could take up to 3 months.	9/14/22	2/3/23
7	Central WTP - Upgrade Chemical Feeders (PaCl)	2022	$10,000			$ 10,000	Water	William	In Progress	8/3/23	We are using the Del-Pac system at SMLWTF, installed by Control Equipment Company, as a template for the build/design for the system at Turkey Mtn. Facilities Maintenance has been on-site at Turkey Mtn., to explore and discuss electrical options.	10/14/23	10/30/23
8	Central WTP Filter Control SCADA Interface (2)	2023	$35,000			$ 35,000	Water	William	In Progress	8/3/23	Fairwinds provided quote of $57,500 (with 10% annual inflation rate, if projecting out longer) to do both Filter Control Panels; quote does not include replacement/upgrade of 6 valves (2x Influent, 2x waste, 2x rewash), due to their current state and inability to be actuated. Quote does not include 2 new loss of head sensors, or new conduit needed.	9/15/23	11/15/23
9	Central WTP Flocculators	2023	$180,040	$180,040		$ 65,000	Water	William	In Progress	8/3/23	Falwell has come on site and removed flocculator #1 motor and shaft assembly to verify measurements. While on-site, they verified measurements of the basin and integrity of concrete and anchor points inside of the flocculator chamber. They also assesed the VFD's and control/power boxes. He is still awaiting parts.	10/14/23	11/15/23

CAPITAL IMPROVEMENT PROGRAM

Projects Listing

Line ID	Project	Funding Source	Project Costs (Budget)	Project Costs (Committed / Expected)	Spent to Date	Remaining to Spend	Department	Responsible Manager	Current Status	Current Status Date	Status Notes	Start Date	Completion Date
10	Central WTP Motor Control Center Replacement	2023	$100,000	$30,580	$ 30,265	$ 69,735	Water	William	In Progress	8/3/23	Reviewed preliminary report with W|W on 5/5; design proposal being prepared for phased improvements.	10/14/23	11/15/23
11	Hoist system for moving pumps - Currently out of service	2024	$55,000			$ 55,000	Water	William	Not Started	8/3/23		10/14/23	10/20/23
12	Re-piping Domestic Pump to Hydropneumatic Tank	2024	$40,000			$ 40,000	Water	William	Not Started	8/3/23	Trying to secure bid quotes.	10/20/23	11/15/23
13	Fox Runn Booster Station - Structure repairs/replacement	2023	$25,000			$ 25,000	Maintenance	Phil	In Progress	5/5/23	One of three quotes received. First Est $26,411. Seeking contractors who are willing to take time for such a small building.	4/3/23	5/20/23
14	New London Tank Standby Generator	2023	$6,000	$0		$ 6,000	Water	William	*On Hold*	5/4/23	*Project will not be completed for FY23; funds may be used for flocculator project.		3/3/23
15	Mountain View Shores Filter Replacement	2022	$150,000		$ 31,222	$ 118,778	Water	William	In Progress	8/3/23	Met with W|W to review possibilities of getting existing filters out of the building. W|W recorded all the information and will get back with an assessment plan for the building.	3/22/23	11/15/23
16	Paradise Point SCADA	2022	$10,000	$17,500	$ 4,200	$ 5,800	Water	William	In Progress	8/3/23	Obtained a bid quote of $7,500, from A and L Electrical, to update existing electrical in the building. Paradise Point is now hooked to SCADA, and the Control Panel is on-site and needs to be permanently mounted. Still trying to see if electrical upgrade is feasible.	3/20/23	10/20/23
17	Sewer Pump Station 4 Upgrades Ph 1 (EQ)	2023	$20,000		$ 4,200	$ 15,800	Water	Mike	In Progress	8/3/23	pumping at 55 GPM and should be 80 gpm. Low gpm indicated ARV's were not functioning properly. Working with Maintenance on getting the ARV'S replaced.	3/20/23	9/30/23
18	SMLWTF GAC Pump and associated parts	2023	$25,000			$ 25,000	Water	William	In Progress	8/3/23	Wood Equipment provided quotes for 2 pump size options; smaller Option 1 was ~$12k and larger Option 2 was ~$16k. Installation quote received from Littleton; still wating on complete turn-key quotes from Falwell, and WGK. Anderson rescinded their bid offer, due to excessive workload.	10/20/23	11/15/23
19	SMLWTP - Add Security System to Fire Alarm System	2023	$10,000			$ 10,000	Water	William	In Progress	8/3/23	Initial quote received from ADT on 4/18/23. We are still awaiting quotes from IST and Mid-Atlantic Entry. Safety is currently reviewing ADT's bid proposal, to make sure that it provides adequate security coverage. They are also looking at other possible vendors.	9/10/23	10/20/23
20	GAC Heated Building	2024	$200,000			$ 200,000	Water	William	Not Started	8/3/23	Blair Construction visited the site on 8/2/2023. We are awaiting feedback from them, and are actively pursuing other companies to provide bids.	10/20/23	11/24/23
21	Pump Station 7 Replacement	2022	$261,000		$ 70,689	$ 190,311	Wastewater	Mike	In Progress	8/3/23	Bid from term contactor was over budget. Worked with Blue Ridge Engineering to develop a written RFQ and scope document, which was sent out on 6/30 to 5 contractors. Two bids received, and contract was awarded to FALWELL on 8/3/23.	4/3/23	9/15/23
22	Pump Station 7 SCADA	2023	$20,000	$27,560	$ 24,760	$ (4,760)	Wastewater	Mike	In Progress	6/30/23	Control panel is at central sewer shop. 20 hours ($2800) still needed for site wiring and commissioning.	4/3/23	6/30/23
23	Pump Stations 1, 2, 3 - Security Cameras	2022	$5,000			$ 5,000	Wastewater	Mike	*On Hold*	6/30/23	On hold		
24	Central Pump Station 1 - Replacement Pumps/Motors	2024	$110,000			$ 110,000	Wastewater	Mike	In Progress	8/7/23	Whitman, Requardt & Assoc. submitted a proposal, which has not been accepted. An additional proposal was received from Blue Ridge Engineering for considerably less.		
25	Central Pump Station 2 - Replacement Pumps/Motors	2024	$110,000			$ 110,000	Wastewater	Mike	In Progress	8/7/23	Whitman, Requardt & Assoc. submitted a proposal, which has not been accepted. An additional proposal was received from Blue Ridge Engineering for considerably less.		
26	Sewer Flow Meter - Bedford Weaving	2024	$25,000			$ 25,000	Construction	Cody	Not Started				
27	Carport to cover sludge dumpster	2023	$8,000			$ 8,000	Wastewater	Mike	On Hold	6/30/23	On hold until cost overruns determined for PS #7.	3/13/23	6/30/23
28	New RAS Pump #1	2023	$55,000	$47,000		$ 55,000	Wastewater	Mike	In Progress	6/3/23	New pump was ordered on 3/15/23 with an estimated delivery 28 weeks,estimated $17,000 to install new pump. Total costs $47,000.	2/17/23	9/29/23
29	Blower system at Moneta pump station 1	2023	$15,000			$ 15,000	Wastewater	Mike	On Hold	6/30/23	On hold until cost overruns determined for PS #7.	3/13/23	6/30/23
30	Install bracing on influent basin on Train 1 and 2	2023	$20,000			$ 20,000	Wastewater	Mike	On Hold	6/30/23	On hold until cost overruns determined for PS #7.	3/13/23	6/30/23
31	New control panels for both Trains	2023	$25,000	$25,000	$ 13,500	$ 11,500	Wastewater	Mike	In Progress	7/27/23	Train 1 control panel installed. Train 2 scheduled for install 8/31/23.	3/16/23	9/8/23

CAPITAL IMPROVEMENT PROGRAM

Projects Listing

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32	Pump Station 5 SCADA	2023	$10,000			$ 10,000	Wastewater	Mike	On Hold	6/30/23	On hold until cost overruns determined for PS #7.	3/13/23	6/30/23
33	Pump Station 9 SCADA	2023	$10,000			$ 10,000	Wastewater	Mike	On Hold	6/30/23	On hold until cost overruns determined for PS #7.	3/13/23	6/30/23
34	Pump Stations pump replacement	2023	$20,000			$ 20,000	Wastewater	Mike	On Hold	6/30/23	On hold until cost overruns determined for PS #7.	3/13/23	6/30/23
35	New chains on Train 1 BIOWHEELS	2023	$20,000			$ 20,000	Wastewater	Mike	In Progress	6/3/23	Chains have been ordered.	4/21/23	6/30/23
36	Website Design	2022	$65,000		$ 67,460	$ (2,460)	Admin	Megan	In Progress	6/1/23	Planetaria has indicated they are working on final comments for intranet.	9/1/21	6/1/23
37	Board Room Modifications		$20,000		$ 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
38	Mobile Improvements		$60,000		$ 51,790	$ 8,210	Maintenance	Phil	In Progress	7/17/23	Sidewalk is now in. Locks, internet and floors are scheduled for August.		6/30/23
39	Key System - Phase 2A (Various sites)	2023	$20,000		$ 2,910	$ 17,090	InfoSys	Therron	In Progress		Will begin March 16, 2023 - front door of SMLWTP and the drivethru gate at the Main Office		
40	Bulletproof Glass & Front Desk modifications	2024	$120,000			$ 120,000	Customer Service	Marcie	Not Started				
41	Maintenance Coordinator Ram 1500	2024	$46,000			$ 46,000	Maintenance	Phil	In Progress		Needed truck was found for $43,050. Checking to see if we can obtain in 2023 from Magic City in Bedford. Does not include lights, DMV or bed work boxes.	8/1/23	
			$2,144,806	**$373,520**	**$344,562**	**$ 1,685,204**							

Job #: 2017050 **Job Type:** Water **Service Area:** Bedford Central **Last Updated:** 7/7/2023

Job Name: Bell Town Road Waterline Extension (ARPA) **Funding/Budget:** $500,000.00

Funding Source: ARPA - Town **Department Contact:** C Ward

Engineer: Engineering Concepts **Design Contract Amt:** $44,465.00

Contractor: Classic City Mechanicals **Construction Contract Amt:** $264,150

Description: The City extended the waterline in 2004 (JN 2004-121) and again in 2007 (JN 2007-159) to take care of wells that were impacted by leachate. The next group of homes east of Draper Road would like the service extended to them.

Status: The Town has asked for assistance from the BRWA. Design proposal received on 10/18/2021 to be accepted once BRWA receives executed MOU from the Town. Design proposal accepted from Engineering Concepts, Inc. on 12/2/2021. Dsgn 01 rec'd 3/29/22. Dsgn 02 rec'd 5/26/22. Comments submitted 7/7/22. Dsgn 03 rec'd 9/12/22. Comments sent 11/18. Revised Plans rec'd 12/5/2022. VDOT approved on 12/28/2022. Modeling for 6-inch vs. 8-inch requested from WRA on 12/28/2022. Construction Estimate was requested from Annual Contractor on 1/3/2023. Annual Contractor was non-responsive. Advertised for bid on 3/3/23. One bid was received in the amount of $448,042. The bid was rejected due to contractor qualifications. Second bid opening will be held on May 4th. One bid was submitted by Classic City Mechanical $264,150.00 5/4/2023 Qualifications Statement sent 5/8/2023 Qualification Statement app'd 5/12/2023 Notice of Award sent 5/15/2023. and a Notice of Award was issued to Classic City Mechanical on 5/15. Contract Agreement were executed with an effective date of 6/5/2023. Construction anticipated to begin on July 3, 2023. Shop Dwg 01 rec'd 7/7/23.

Job #: 2020043.3 **Job Type:** Sewer **Service Area:** Forest **Last Updated:** 8/4/2023

Job Name: Ivy Creek Divisions 5 & 6 Interceptors **Funding/Budget:** $15,471,092.30

Funding Source: DEQ - VCWRLF **Department Contact:** R English \ Ward \ Dade

Engineer: CHA / E.C. Pace **Design Contract Amt:** $1,277,900

Contractor: E.C. Pace **Construction Contract Amt:** $13,686,954

Description: Design and construction of Ivy Creek sewer extension from Lake Vista to Lynchburg; includes temporary capacity measures at Lake Vista Pump Station until project completion.

Status: Meeting held 1/11/21 at LVPS to review station for temporary capacity measures needed. SRP application submitted in May for 6/15/21 Planning Commission meeting. DB Team working on plans for temporary capacity increase at LVPS. Comments returned on 30% drawings on 5/24 and reviewed with DB on 5/27. Reviewed temporary LVPS solutions with DB on 8/11/21. Esmts #210012980 & 210012981 recorded 9/8/21. 10/5: Pipe materials difficult to find, significant cost increase. Esmts #210015229, #210015230, #210015231 & #210015232 recorded 10/26/21. 60% drawings rec'd 11/4/21 - Review completed by SWF 11/16/21, wifh final review by RBE and comments returned on 12/2/21 . Esmt #210016351 recorded 11/17/21. Esmt #210016549, #210016550 & 210016569 recorded 11/22/21. Esmt #210018045 recorded 12/22/21. Public hearing to be scheduled to review Environmental Assessment per DEQ. ESMT's #220000674 & 220000675 recorded 1/14/22. #220000834 & #220000835 recorded 1/20/22. Working with Lynchburg on special requirements needed for easements providing benefit to Lynchburg; Lynchburg requiring deed with title search and plats. Continued discussions with 2 property owners for sewer line easements (Green, Johnston). VMRC permit advertised. Dsgn 03 rec'd 2/10/22. Reviewed to Sheet C-316. Stopped review & issued comments thus far on 2/24/22. Outstanding sewer line easements presented to the Board in March; sewer meter access easements to be addressed at a later date if needed. ESMT's #220002973 & 220002974 recorded 3/14/22. ESMT's #220003144 & 220003145 recorded 3/17/22. ESMT #220003779 recorded 3/31/22. All linework easements obtained; access easements pending. 2 line easements to be corrected with Lynchburg as Grantee. Updated construction cost estimate received 5/3/22 reflecting significant price escalations; Dsgn 04 rec'd 6/10/22. Draft construction contract amendment rec'd 7/6/22 and reviewed by legal counsel; presented for approval at August Board meeting. Design plans being finalized. Access easements being obtained, as well as updated and/or widened easements where applicable. Construction Amendment signed 8/19/22. Dsgn 05 rec'd 8/23/22. Dsgn 05 review completed 9/8/22. Awaiting review comments from Lynchburg for final plan updates. 10/20: approximately 4000 LF of pipe is on site; due to environmental restrictions for endangered bat species, tree removal not permitted until 11/15. Due to delay in Lynchburg approvals, clearing to begin around week of 12/12 on Bedford County side. Lynchburg not permitting work until plans have final approvals. 1/6: Clearing underway and several temporary stream crossings installed on Bedford County side. Pay App 1 with stored materials rec;d 1/6/23. ESMT #230000186; 230000187; & 230000188 recorded 1/10/23. ESMT 23000546 recorded 1/26/23. Preconstruction meeting with DEQ on 2/3/23. Surface blasting for easement clearing began late January. Agreement executed 2/8 to allow use of City easements. Meter access easements mailed to Lynchburg for executio on 2/17/23. Preconstruction with Lynchburg held on 2/23/23. RLD permits received from both County and City. Blasting underway. Shop Dwg 01 rec'd 3/21/23. ESMT #230002218 recorded 3/21/23. Shop Dwg 02 rec'd 3/23/23. ESMT #230000188 recorded 4/10/23. Bypass Pumping tested 5/22/23 Blasting caused damage to COL Chemical Storage building. Contractor to repair roof. H2S was found in bedrock; considering smaller blasts with relief holes (5/26/2023). 7/7: City line to be replaced to existing alignment, costs shared between EC Pace, BRWA, and COL. New alignment in design for interceptor. Change Order 1 executed 7/28/2023 for time and reallocation of Ph 1 funds related to delayed DEQ closing and Lynchburg sewer replacement. Sewer replacement to begin 8/14.

Job #: 2020043.4 Job Type: Water Service Area: Bedford Central Last Updated: 8/4/2023

Job Name: Route 460 Water Pump Station Funding/Budget: $2,300,000.00

Funding Source: CIP Department Contact: R English \ S Dade

Engineer: CHA / E.C. Pace Design Contract Amt: $89,000

Contractor: E.C. Pace Construction Contract Amt: $2,123,813

Description: Value engineering design and construction of booster station at the end of East Crest Drive.

Status: Preliminary Stage contract for PPEA project executed 12/18/20. Construction Stage contract for this portion of the project anticipated early spring 2021. In 2/2021, Bedford Electric indicated 9 month delay to obtain 3-phase transformer for site; updated delivery expected 6/1/21. Electric agreement executed 5/27. DB removed trees for electric service. VE plans rec'd and submitted to VDH on 8/2; met with DB on 8/11/21 to review. VDH verbally approved 10/5. Contract amendment #1 for construction approved at October Board meeting, along with increased budget from $2M to $2.3M. Contract amendment executed 10/25/21. Contractor mobilized to site 12/6/21. Construction has begun. 85% of site pipe work is complete. Foundation floor and foundation lower wall has been installed as of 3/3/2022. Ph 1 (design) paid in full in 1/2022; Ph 2 (construction) pay apps #1-#6 approved total of $1,040,898.37, plus $40,400 paid for electric service. Pumps are further delayed until September. Draft Change Order received for time extension until November to allow for pump installation and startup. Pumps are delayed again until late October. SCADA startup meeting held on 9/27 with DR Controls. Electrical and HVAC nearly complete. Pumps arrived and have been installed 11/3/2022. Initial pump startup testing held on 12/6/22. Reverse flow testing held 1/5/23; minor issues found and corrected in programming. Station is substantially complete with local functionality; SCADA screens underway for remote access. Final testing to occur after Rt 122 meter is replaced. Certificate of Occupancy rec'd 3/2/23. Final testing on 4/11/23 could not complete all scenarios due to issues with Rt. 122 meter; punchlist being generated. Final performance testing completed successfully on 5/4/23. Additional SCADA work requested for system automation (considering parameters outside of station) as well as actuated bypass valve at Big Ben control valve. As-built 01 rec'd 6/23/23. 7/7: Actuated valve to be completed in-house. Substantial Completion issued 6/16/23, effective 1/5/23. 8/4: Awaiting O&M manual and SCADA Ignition screen update prior to final retainage payment.

Job #: 2020086 Job Type: Water Service Area: Bedford Central Last Updated: 7/10/2023

Job Name: Poplar Street Waterline Replacement (Phase I) Funding/Budget:

Funding Source: Setasides - Water Department Contact: C Ward \ T Hale

Engineer: BRWA & Hurt & Proffitt Design Contract Amt: $600.00

Contractor: BRWA Construction Contract Amt: TBD

Description: To replace and upgrade the existing 1" waterline along Poplar Street with a 6" waterline in respose to customers having water quality issues

Status: Locate and Survey Completed 6/11/2020. Research and Design completed for review 7/29/2020. Plans sent for internal review 7/30/2020. Plans sent for Town review 8/21/2020. Comments rec'd 9/4/2020 Construction began on 8/12/2021. Main line installation complete. Services have been switched over. Restoration, paving and concrete work are still outstanding. COC issued 1/6/22. H&P As-Built & Survey Proposal accepted 5/23/23. As-Built 01 rec'd 7/10/23.

Job #: 2021004 Job Type: Internal Service Area: Central Sewer Last Updated: 6/5/2023

Job Name: Town & County Sewer Replacement Funding/Budget: $2,000,000.00

Funding Source: ARPA - Town Department Contact: S Dade & C Ward

Engineer: Hurt & Proffitt, Inc. Design Contract Amt: $114,600

Contractor: Aaron J. Conner General Contractor, Inc. Construction Contract Amt: $1,999,351

Description: Replacement of approximately 9,000 LF of existing 8-inch sewer line.

Status: Esmt's #220003307 & #220003308 recorded 3/22/22. Esmt # 220003778 recorded 3/31/22. Esmt #220004617 recorded 4/21/22. Esmt #220005778 recorded 5/18/22. Esmt #220006243 recorded 5/31/22.Esmt #220007354 recorded 6/29/22. Project was advertised for bid on 7/22/2022. Bid opening will be held on 8/24/2022. Bid awarded to Aaron J. Conner. NTP issued 10/24/2022. VDOT LUP obtained. Pay App #1 received 11/01/2022. Construction began 11/10/22. Pay App 1 & 2 were approved. Construction 17% complete as of 1/3/2023. AJ Connor Bond rec'd 11/9/22. Pay App 3 & 4 were approved. Design changes were made to MH Q due to field constraints. Line from MH Q to MH AA will be reviewed for lining and not replacement due to proximinty of existing sewer line to residential structure. Esmt #230003119 recorded 4/20/23. Sanitary sewer installation completed on Windy Ridge Drive, Green Meadow, and Roundtree Drive. Services are still being installed on Roundtree as of 6/5/2023. Manhole testing on Windy Ridge has begun. Sewermain installation on Woodhaven Drive is 40% complete.

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: 8/4/2023
Job Name: Central Sewer Pump Station Rehabs (4, 7, & 8)
Funding/Budget: $186,000.00
Funding Source: CIP
Department Contact: R Ramsey
Engineer: Blue Ridge Engineering & Construction Services
Design Contract Amt: $5,000
Contractor: Falwell
Construction Contract Amt: $143,000

Description: Central Pump Station #7 Replacement as included in CIP by Wastewater Operations.

Status: PS #7 to be rehabbed in FY22; PS #7 will be replaced with Smith & Loveless pumps.. PS #4 I&I Evaluation and PS #8 Rehab slated for FY23. PS #4 Rehab slated for FY24. Materials for replacement were ordered from Smith & Loveless and Fairwinds on 6/1. Shop drawings were reviewed and delivery is scheduled for 11/2022. Pump Station package delivered to BRWA office complex on 12/27/2022. Waiting on Construction Cost Estimate from AJ Conner last requested on 12/27/2022. Construction Cost Proposal from AJ Conner was over budget. Wastewater Ops will be requesting quotes from Contractors. 2 quotes received from RFQ, with Falwell low bidder. Work beginning on 8/7/23.

Job #: 2021111 Job Type: Water
Service Area: Bedford Central
Last Updated: 8/4/2023
Job Name: Helm Street Tank Replacement
Funding/Budget: $3,391,304.00
Funding Source: ARPA-Town, Escrow
Department Contact: R English
Engineer: Whitman, Requardt & Associates (WRA)
Design Contract Amt: $218,203
Contractor:
Construction Contract Amt:

Description: Replacement of existing deteriorated round tank at Helm Street with a new tank to serve the system.

Status: Scoping meeting held with WRA and BRWA on 11/9 to review design options prior to design proposal. On-site meeting held 12/9 with WRA to review field conditions prior to preparing proposal. Proposal received 12/20 and under review to reduce scope where feasible. Scope revisions requested to reduce level of analysis. Revised proposal received 2/14/22 and executed 3/2/2022. Preliminary budget estimate from WRA indicates total project cost of approx. $3.5M. Kickoff meeting held 4/12. Survey began 5/4; and is complete; soil borings completed 5/9. Meeting held 6/22 to review waterline functions and connectivity on site. Preliminary Design Report and geotech report rec'd 7/26, 2 weeks behind schedule. Comments returned 8/17; revisions rec'd 9/20. Preliminary engineering conference held with VDH and PER approved on 11/1. 60% plans and estimate rec'd 12/21/22 and submitted to VDH (12/21/22) and Town (12/22/22). Current cost estimate of $3.6M including $573k contingency. 60% plan comments sent on 2/9/23. BRWA verified pipe depths at 3 locations. ARPA funding redistributed between Town & Country and Helm Street tank. 90% plans & specs received 5/22/23. Design reviewed with Water Ops on 7/13/23. Comments returned 7/20. Final documents to be submitted for permitting at end of August. Working with Schools to relocate communication equipment.

Job #: 2021135 Job Type: Water
Service Area:
Last Updated: 7/10/2023
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 comments sent to CLW 03/07/2023. Gum Dsgn rec'd 3/8/23. Dsgn 01 appvd 3/9/23. Dsgn 02 rec'd 4/7/23. Dsgn 02 comments sent to CLW 4/10/2023. As-Built (Galax) 01 rec'd 5/2/23. As-Built (galax) comments sent to CLW 5/3/2023. As-builts to be performed by Hurt and Proffitt As-Built 01 rec'd 7/10/23.

Job #: 2022008 Job Type: Internal
Service Area: Town of Bedford
Last Updated: 4/21/2023
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: Water line replacement project.

Status: Dsgn 01 rec'd 10/3/22.Plans are in review 12/20/2022 Comments sent 1/23/2023 dsgn 02 rec'd 1/25/2023 Plans approvable by BRWA 2/24/2023 Plans sent to Town and NR for review 3/21/2023. Plans are ready for construction 4/21/2023

Job #: 2022018 Job Type: Internal Service Area: Countywide Last Updated: 7/7/2023

Job Name: Lead Compliance Planning & Implementation Funding/Budget: $250,000.00

Funding Source: VDH Grant Department Contact: R English \ W Quarles

Engineer: CHA (120 Water as subconsultant) Design Contract Amt:

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 requested additional funding through existing grant per VDH communication to CHA regarding additional 2022 funding available; awaiting response. VDH initial meeting on 4/11/23 with all funding recipients. Kickoff meeting with CHA held on 4/27/23. GIS data provided to consultant. 7/7: Awaiting revised grant award notice from VDH.

Job #: 2022056 Job Type: Internal Service Area: Central Last Updated: 7/17/2023

Job Name: Peaksview Street Waterline Replacement Funding/Budget:

Funding Source: Department Contact: S Dade

Engineer: Design Contract Amt:

Contractor: Construction Contract Amt:

Description:

Status: Under design.10/3/2022 Design complete 11/28/2022 Plans subitted for materials bids 11/29/2022 Materials have been ordered and are being delivered 12/9/2022. Design approved 7/17/23.

Job #: 2022081.1 Job Type: Feasibility Study Service Area: Bedford Central Last Updated: 4/3/2023

Job Name: Stoney Creek Dam Ph 1 - Low Level Drain PER / Design Funding/Budget: $100,000.00

Funding Source: CIP Department Contact: W Quarles

Engineer: Wiley|Wilson / Schnabel Engineering Design Contract Amt: $45,840

Contractor: Construction Contract Amt: TBD

Description: Engineering study and design for the most feasible options for repair of the low level drain outlet, and an alternate valving system that may be accessed outside of the dam area. Budget reflects Phase 1 only.

Status: Poposal received from Wiley|Wilson on 9/6/22 using Schnabel for a preliminary engineering report. Preliminary visit with consultants at dam on 10/13 to review project; boil found at drain basin and investigated by PM crew on 10/17 to be an additional PVC drain pipe under the dam. PER was reviewed and accepted. Option #1 to rehab existing drain valve was selected and included in the FY24 budget. W|W is proceeeding with design.

Job #: 2023015 Job Type: Internal Service Area: Countywide Last Updated: 7/7/2023

Job Name: Integrated Billing and Asset Dashboard Funding/Budget:

Funding Source: Department Contact: R English

Engineer: Design Contract Amt:

Contractor: Construction Contract Amt:

Description: Integration of billing data, asset management data, operational spreadsheets and other data to streamline access to information.

Status: Proposal received from Streams Tech 1/2022. Directors met with Burns-McDonnell for presentation on 2/1/23. Project proposed for future CIP; unable to fund in 2023-2024. Met with Burns-McDonnell 5/30/23 to review more specific dashboard needs. 7/7: Instructions prepared for Accountability report with references of data sources needed; data sources will be reviewed for possible consolidation.

Job #: 2023017 Job Type: Service Area: Central Water Last Updated:

Job Name: Western Hills Subdivision Waterline Replacement Funding/Budget:

Funding Source: Setasides - Water Department Contact: W Quarles

Engineer: Hurt & Proffitt Design Contract Amt: 43,320

Contractor: Construction Contract Amt:

Description: Replace waterlines within the Western Hills Subdivision.

Status: Dsgn proposal accepted 3/20/23.

Job #:	2023018	Job Type:		Service Area:		Last Updated:
Job Name:	Western Hills Subdivision Sewerline Replacement			Funding/Budget:		3/20/2023
				Funding Source:	Setasides - Sewer	Department Contact:
Engineer:	Hurt & Proffitt			Design Contract Amt:	$58,860	W Quarles
Contractor:				Construction Contract Amt:		
Description:						
Status:	Dsgn proposal accepted 3/20/23.					

Job #:	2023021	Job Type:	Internal	Service Area:		Last Updated:
Job Name:	Galax Sewer			Funding/Budget:		5/30/2023
				Funding Source:		Department Contact:
Engineer:				Design Contract Amt:		C Ward / T. McGlothlin
Contractor:				Construction Contract Amt:		
Description:						
Status:	Dsgn 01 rec'd 4/10/23.Comments 01 sent to CLW 5/3/23. Dsgn 02 rec'd 5/2/23.Comments 02 sent to CLW 5/9/23. Approved plans sent out 5/30/2023					

Job #:	2023022	Job Type:	Internal	Service Area:	Central Sewer	Last Updated:
Job Name:	Central Pump Station 1 & 2			Funding/Budget:	$660,000.00	8/4/2023
				Funding Source:	CIP	Department Contact:
Engineer:	Blue Ridge Engineering (C Fewster)			Design Contract Amt:	$11,000	W Quarles
Contractor:	TBD			Construction Contract Amt:		
Description:	Replacement of pumps, installation of VFD's, and installation of magmeters at Central Pump Stations 1& 2.					
Status:	A design proposal has been requested from WRA 4/3/23.A Teams meeting was held with WRA on 4/14/2023 to review and discuss the scope of the project. WRA met with Wastewater Operators on site to review standard operating procedures and equipment on 5/9/2023. Upon receiving WRA's proposal for $170k, a proposal was received from Blue Ridge Engineering Services for $11k.					

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 haulted 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

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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. Esmt #210009164 & 210009165 recorded 6/22/21. Per 7/1/21 E-Mail from Planning - Planning has not yet issued Site Plan approval, Natural Resouces has recinded approval due to E&SC changes. Site/Dsgn 04 rec'd 7/7/21 (need re-review fee 7/7/21). Review completed 7/13/21. Plan is approvable by BRWA for Site Plan purposes only. Awaiting rec'pt of re-review fees before releasing comments. Re-review fees rec'd & Comments released 7/19/21. LOC# 5018577548 rec'd 7/22/21. Shop Drawings 01 rec'd 7/26/21 & approved. Water & Sewer Calcs 02 rec'd 8/4/21 - "No futher comments" issued 8/11/21. A re-zoning application has been submitted to the County proposing re-zoning the property from PCD to R-4. Site/Dsgn 05 rec'd 10/29/21 Re-review fee rec'd 11/4/21. Site/Dsgn 05 comments issued to Planning 11/4/21 - comments can be addressed at pre-con and/or As-Builts. Need 3 full size hard copies upon Planning approval. Planning appv'd Site Plan & requisite hard copies rec'd 12/10/21. C2C Issued 12/16/21.
A meeting was held with the County, T Bell, and P&O on 9/27/22 as the Developer is requesting service prior to completion of the receiving FMS PS upgrades. Vault Installed 1/13/22. Air vacuum and Manhole vacuum test completed 3/3/22. Waterline pressure test completed 4/7/22. Plug installed in existing manhole on 10/4/22. BOSQC rec'd 3/6/23.

Job #: 2020066.2 **Job Type:** Sewer **Service Area:** Forest **Last updated on:** 8/4/2023

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 udated pricing for station. D Cyrus contacted BRWA on 7/6/22; still no contractor selected. Prepayment re-approved in November for $693,692.. Final draft of Prepayment Agreement sent to Thomas Builders 1/4/23. Construction contract and executed agreement received 3/29/23. Prepayment agreement executed and returned 5/8/23; awaiting documentation prior to credit issuance. Emailed reminder 8/4/23 regarding prepayment approval to expire on 11/15/23.

Job #: 2020066.3 **Job Type:** Sewer **Service Area:** Forest **Last updated on:** 6/5/2023

Job Name: Westyn Village Forest Middle School Pump Station Upgrades - Design

Department Contact: C Ward / 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 ret'd 3/29. Surety #5018510461 rec'd 5/17/21. Site/Dsgn 02 rec'd 5/17/21. Deve Agmnt Rec'd 5/20/21; Site/Dsgn 02 Comments issued 5/24/21. CTC application for DEQ received 6/4/21 and submitted to DEQ. Site/Dsgn 03 rec'd 6/8/21. Site/Dsgn 03 comments issued to Planning 6/23/21. Working with BCPS on Easement Agreement. Site plan approved by planning 7/29/21. Hard copies of approved plans rec'd 8/3/21. ESMT #210012251 & Deed of Release #210012252 recorded 8/24/21. BRES working with Falwell and suppliers for equipment quotes; BRES assisting Developer with submittal review. Contacted D Cyrus on 3/17/22 for an update as Phase 2 buildings well underay, no response rec'd. BRES indicated on 5/12/22 that they are obtaining updated pricing for station. Developer indicated on 7/6/22 that large equipment submittals are expected in 2-4 weeks. Shop Dwg 01 rec'd 8/23/22. Shop Dwg CP&P 01 rec'd 8/26/22. Shops Dwg's approved 8/31/22. Signed Revised Developer Agmt rec'd 11/15/22. Surety #FF1031 rec'd 11/18/22. Developer Agmt executed & C2C issued 11/21/22. New wetwell and valve vault have been installed. Existing wetwell has been converted to a manhole. Building and electrical completed. Pumpstation placed online 5/4/2023. Site demolition (of existing/old pump station) resumed the week of 5/29/2023.

Job #: 2020073 Job Type: Water Service Area: Forest Last updated on:
Job Name: West Crossing Section 4 - Design 6/5/2023

Description: Road plan, waterline design and profile for section 4. 19 lots approximately 2900 LF Waterline.

Department Contact: Shannell Dade

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 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 rq'd. Dsgn 04 rec'd 12/18/21. Review completed 1/11/22 - holding comments until receipt of re-review fees. Re-review fee rec'd 3/28/22. Dsgn 04 comment released. Need 3 hard copies of plans, Insp Fees, Shop Dwgs & Plat recordation. 3 hard copies rec'd. Shop Dwg 01 rec'd 10/31/22. Inspection Fees received on 12/6/2022 ($5,888.28) & C2C issued. Construction began the week of 5/22/2023.

Job #: 2020107 Job Type: Water & Sewer Service Area: Forest Last updated on:
Job Name: Boonsboro Meadows Section 5 Roadway & Water - Design 1/22/2023

Description: Proposed Section 5 (Proposed 16 Lots). Consisting of Water and LPFM. Wild Doe Drive

Department Contact: Cody Ward

Status: Desgn 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. Comments sent 1/22/2023

Job #: 2021024 Job Type: Internal Service Area: Central Last updated on:
Job Name: Big Otter Well Abandonments 3/11/2021

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.

Department Contact: W Quarles

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 #: 2021043 Job Type: Water & Sewer Service Area: Forest Last updated on:
Job Name: Jefferson Village Drive Townhomes - Site/Design 3/8/2023

Description: Proposed 9 townhouse buildings creating 56 lots.

Department Contact: J Dean

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.Signature Plat Approved 2/9/2023. Re-Review needed. Re-review fee rec'd 3/8/23.Awaiting $400.00 Review Fee & Developer Items 5/26/2023.

Job #: 2021065 Job Type: Sewer Service Area: Bedford Central Last updated on:
Job Name: Central Sewer Modeling 3/10/2023

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)

Department Contact: W Quarles

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:
Job Name: Bedford Readiness Center - FFMV 6/8/2023

Description: Bedford Readiness Center fire service improvements. New FFMV.

Department Contact: T Hale / S Dade

Status: Correspoding 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 Exhibirs 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 Departement 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. Burkhardt Nursery potholed the existing utilities in preparation of construction and found that the main that was believed to be 6" was in fact 4". Proposal was made to connect at the existing fire hydrant and relocated the hydrant. BRWA opted to move the fire hydrant by extending the 6" to the back of the curb and relocated the existing fire hydrant. The fire flow meter vault has been installed, bypass tested, and bac-t samples gathered (all good). Waiting on close-out documents (as-built drawings, BOS, etc.). As-Built 01 rec'd 6/8/23.

Job #: 2021102 Job Type: Sewer Service Area: Bedford Central Last updated on:
Job Name: Winoa Sewer System Transfer 10/6/2021

Description: Transfer of privately owned sewer lines and pump station serving former Winoa / Wheelabrator facilities and Bison Printing. (Also see 2021032 and 2015016)

Department Contact: R English

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

Description: Establishing program or policy for addressing customers with pressures at the water meter that are regularly or intermittently less than 20 psi.

Department Contact: R English

Status:

Job #: 2022007 Job Type: Sewer Service Area: Moneta Last updated on:
Job Name: Mabry Car Wash - Site/Design 6/9/2023

Description: Proposed Car Wash.

Department Contact: C Slusser

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. Site Plan 02 rec'd 5/17/23. Sewer Dsgn removed/Dev Docs not needed; Comments 02 emailed to Planning 6/9/23; $200 Re-Review needed for next submittal.

Job #: 2022026 Job Type: Other Service Area: Forest Last updated on:
Job Name: TEVA Facility Inquiries (2150 Perrowville Road) 5/30/2023

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.

Department Contact: R English/C.Ward

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. CLW working with PM and Maintenance manager for flow testings and checking waterline ARVs prior to flow testing 4/13/2023

Job #: 2022027 Job Type: Water & Sewer Service Area: Moneta Last updated on:
Job Name: The Village at Smith Mountain Lake - Design 7/6/2023

Description: Proposed 8 residential lots and 2 commercial lots. Department Contact: S Dade

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 issued 11/10/22. Water and sewer installation complete. Grading and curb complete. Awaiting completion of punchlist so flushing of the watermain can begin. A check valve is being installed at the start of the 2-inch forcemain at the connection to the existing forcemain. As of 6/5/2023 the check valve hasn't been installed. Warranty Letter rec'd 7/6/23.

Job #: 2022033 Job Type: Fire Flow Meter Service Area: Forest Last updated on:
Job Name: Goodwill Industries Forest - FFMV 5/24/2023

Description: Proposed 27,130 sf. Goodwill building Department Contact: T McGlothlin

Status: TRC 4/12/22. Concept 01 rec'd 4/7/22. Sewer Capacity purchase for existing sewerline was paid for by Riverbend for 2015-081 project. Contacted Riverbend. Site Plan 01 rec'd 7/21/22.Comments sent to Planning 8/11/22. FFT Fees rec'd 9/26/22. Site Plan 02 rec'd 10/5/22. Comments sent to Planning 10/31/2022. Site/Dsgn 03 rec'd 12/14/22. Dev AGMT rec'd 12/19/22. Re-Review Fee rec'd 1/3/23.Site Plan approved, Developer items remaining for C2C 1/6/2023. ESMT #230000773 2/2/2023. Shop Dwg 01 rec'd 3/28/23. Shop Dwg approved 4/19/23. Surety #75001195 rec'd 5/18/23. C2C issued 5/24/23.

Job #: 2022053 Job Type: Fire Flow Meter Service Area: Forest Last updated on:
Job Name: Blue Ridge Professional Park - Site Plan 7/17/2023

Description: Proposed 4 new buildings & parking. Department Contact: J Dean

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. FFT Fee rec'd 5/18/23. Site Plan 03 rec'd 5/19/23 ($200.00 re-review fee needed) Re-review fee rec'd 5/23/22. Comments sent to planning 5/31/23. Site Plan 04 rec'd 7/14/23 (Extended Plan Review Fee needed). Extended Plan Review Fee rec'd 7/17/23.

Job #: 2022080 Job Type: Sewer Service Area: Central Sewer Last updated on:
Job Name: DEQ ARPA SCS Program 4/3/2023

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
Department Contact: W Quarles

Status: SCS Program - Proposals were accepted with H&P to complete the DEQ applications for Town & Country Sewer Replacement, Route 43 Sewer Replacement, and Western Hills Sewer Replacement. A kickoff meeting has been scheduled for 10/4/2022. DEQ applications were submitted on 12/15/2022 for funding consideration. DEQ to respond March 2023.DEQ awarded one of four requests totaling $1.2 million for reimbursement of the Town & Country Sewer Replacement project.The funding was accepted by April 5th, 2023

Job #: 2022082 Job Type: Site Plan w/Proposed Utilities Service Area: Forest Last updated on:
Job Name: Storage Rentals of America - Site Plan 6/27/2023

Description: 100,000 sft. Storage Space Department Contact: C Slusser

Status: TRC 9/27/22. Concept 01 rec'd 9/23/22. Comments sent to planning/consultant 9/27. Site Plan 01 rec'd 6/8/23. Comments 01 emailed to Planning 6/27/23.

Job #: 2022109 Job Type: Site Plan w/ Existing Utilties Service Area: Central Last updated on:
Job Name: Gill Brothers - Site Plan 7/13/2023

Description: Proposed general business Department Contact: T Hale

Status: TRC 12/19/22. Concept 01 rec'd 12/8/22. Site Plan 01 rec'd 7/13/23.Comments 01 sent to planning on 7/17/2023

Job #: 2022110 Job Type: Site Plan w/ Existing Utilties Service Area: Central Last updated on:
Job Name: Independence Blvd at Patriot Lane - Site Plan 1/23/2023

Description: Proposed Commercial/Assembly Building. Department Contact: C Ward

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 #: 2023008 Job Type: Site Plan w/ Existing Utilties Service Area: Forest Last updated on:
Job Name: Pieleck Properties LLC Medical Office Addition - Site Plan 6/28/2023

Description: Proposed building addition & parking lot Department Contact: T Hale

Status: TRC date 1/24/2023. Comments sent to Planning & Consultant 1/24/2023. Site Plan 01 rec'd 4/18/23. Site plan 01 Comments sent to Planning 4/21/2023. Site Plan 02 rec'd 5/10/23.Comments 02 sent to Planning 5/15/2023.Site plan 02 approved. 5/31/2023 Revised site plan 03 rec'd 6/23/23 ($200.00 extended re-review fee needed/email engineer 6/23/22). Extended Re-review fee rec'd 6/28/23.Plan approved, comment sent to planning on 6/30/2023

Job #: 2023013 Job Type: Site Plan w/ Existing Utilties Service Area: Moneta Last updated on:
Job Name: Bethlehem United Methodist Preschool Outdoor Environment - Site Plan 2/10/2023

Description: Proposed Outdoor Play and Learning Environment for Bethlehem United Methodist Preschool. Department Contact: C Ward

Status: Site Plan 01 rec'd 2/1/23. Comments sent 2/10/2023

Job #: 2023026 Job Type: Site Plan w/Proposed Utilities Service Area: Moneta Last updated on:
Job Name: Lake Christian Ministries - Site Plan 8/4/2023

Description: Proposed 5,450 SF one story commercial building. Department Contact: C Slusser

Status: TRC 3/28/23. Concept 01 rec'd 3/24/23. Comments 01 emailed to Planning 3/28/23. Site Plan 01 rec'd 5/11/23. Comments 01 emailed to Planning 5/25/23. Site Plan 02 rec'd 7/6/23. Comments 02 emailed to Planning 7/28/23. Site Plan 03 rec'd 8/4/23 (need Extended Re-review Fee),

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Job #: 2023030 Job Type: Water Service Area: Forest Last updated on:
Job Name: Hooper Road Waterline Extension - Design 7/26/2023

Description: Proposed Waterline Extension to 5 lots. Department Contact: C Slusser

Status: Dsgn 01 rec'd 4/7/23. Base Review Fee rec'd 4/11/23. Developer Packet & Comments 01 issued 5/17/23. Review Fees rec'd 6/1/23. Develoepr Agmt rec'd 6/2/23. Dsgn 02 rec'd 6/28/23. Comments 02 emailed to Engineer & Developer 7/20/23. Inspection Fee & Surety #2023-032 rec'd 7/26/23.

Job #: 2023053 Job Type: Site Plan w/ Existing Utilties Service Area: Central Last updated on:
Job Name: Dunkin' Donuts - Site Plan 6/20/2023

Description: Proposed 1, 818 SF Dunkin' Donuts in existing building. Department Contact: T Hale

Status: Site Plan 01 rec'd 6/20/23.Comments 01 sent to planning 6/20/2023

Job #: 2023059 Job Type: Site Plan w/ Existing Utilties Service Area: Vinton Last updated on:
Job Name: 15720 Stewartsville Rd STE A - Site Plan 7/17/2023

Description: Proposed converting portion of restaurant spaoce into convenience store and commercial indoor amusement . Department Contact: T Hale

Status: Site Plan 01 rec'd 7/17/23.

Job #: 2023060 Job Type: Site Plan w/ Existing Utilties Service Area: Goodview Last updated on:
Job Name: Goodview Elementary Solar Garden - Site Plan 7/19/2023

Description: Proposed solar farm Department Contact: J Dean

Status: Site Plan 01 rec'd 7/17/21.Comments submitted to Planning 7/19/2023.

Job #: 2023066 Job Type: Water Service Area: Forest Last updated on: 8/3/2023
Job Name: Great Oaks Section 4 Roadway & Waterline - Design
Description: Proposed 22 lot subdivision.
Department Contact: J Dean
Status: Dsgn 01 rec'd 7/24/23 (emailed deveoper for $400.00 Base Review fee). Base Review fee rec'd 8/1/23.Comments sent to Planning 8/3/2023.

Job #: 2023069 Job Type: Concept Service Area: Forest Last updated on: 8/2/2023
Job Name: Sanjechi Apartments - Concept
Description: Proposed 165 units.
Department Contact: J Dean & T Hale
Status: TRC 8/8/23. Concept 01 rec'd 8/2/23.

Job #: 2023070 Job Type: Concept Service Area: Forest Last updated on: 8/4/2023
Job Name: Parkland Direct SUP - Concept
Description: Proposed 3 phases of warehouse additions totaling 150,000 SF (50,000 SF per warehouse).
Department Contact: C Slusser & T Hale
Status: TRC 8/8/23. Comments 01 emailed to Planning & Engineer 8/4/23.

Job #: 2023071 Job Type: Concept Service Area: Montvale Last updated on: 8/3/2023
Job Name: Kubota SUP - Concept
Description: Proposed retail & rental SUP.
Department Contact: T Hale
Status: TRC 8/8/23. Concept 01 rec'd 8/3/23.

EXECUTIVE DIRECTOR'S REPORT

Bedford Regional Water Authority

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

AGENDA

From: Brian Key – Executive Director

Date: August 8, 2023

Re: BRWA meeting with the Water and Sewer Committee from the Board of Supervisors

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A meeting between the Water and Sewer Committee of the Bedford County Board of Supervisors and the Bedford Regional Water Authority ("Authority") will be held on **Wednesday, August 10, 2023 at 3:00 p.m.** in the **Board Meeting Room** of the Authority located in the **Annex** building at **1723 Falling Creek Road** in Bedford County.

The following Agenda is proposed for discussion:

1. Capital Recovery Fees: Sunset Clause
2. ARPA Funding for the Authority
   a. East Crest 460 Booster Station Construction: $2,123,813.00
   b. East Crest 460 Booster Station Design, Site Electrical: $129,400.00

   Total Request is $2,253,213.00
3. Term Limits: Articles of Incorporation
4. Worksession: August 28, 2023
5. Local Government Roundtable meeting: October 5th
6. Other

MARILLA RESERVOIR
We hope you enjoy your experience at our reservoir,
please help us keep this area pristine.
The Following activities are Prohibited:
• CAMP FIRES
• CAMPING
• MOTORIZED WATERCRAFT
• SWIMMING
• LITTERING
• DISCHARGING FIRE ARMS
• ALL TERRAIN VEHICLES
water
AT YOUR SERVICE
BRADFORD CITY WATER AUTHORITY
water
AT YOUR SERVICE

MARILLA BRIDGES TRAIL
Attractive entrance bridge over spillway

Bridge Sponsor
ERIK BENJAMIN BRIDGE
CONSTRUCTED 2014
IN REMEMBRANCE OF
ERIK LEE BENJAMIN
MAY ALL WHO PASS HERE
ENJOY THE BEAUTY AND SERENITY
OF THESE LANDS AND WATERS
AS DID ERIK.
OUR TRUSTED FRIEND
BEST BROTHER
LOVING SON
ERIK'S FAMILY AND FRIENDS
MARILLA
CELTIC TERM MEANING "SHINING SEA"
PROVIDING PUBLIC WATER AND RECREATION
TO THE RESIDENTS AND INDUSTRIES OF THE
TUNA VALLEY FOR OVER 100 YEARS.
ORIGINAL CONSTRUCTION 1898 BY THE
BRADFORD WATER COMMISSION.
REHABILITATED 2008 BY THE BRADFORD
CITY WATER AUTHORITY.
WATER SURFACE AREA ~ 20 ACRES
CAPACITY ~ 120 MILLION GALLONS
WATERSHED DRAINAGE AREA ~ 3 SQUARE MILES
DEPTH ~ 35 FEET
Reservoir History

Functional way to
cross the spillway

Simple Trail System

Simple Trail System

IN LOVING MEMORY OF
ROBERT CARL "ROB" DEHNER
9/1/85 - 12/17/03
RYAN T. LEWIS
FATHER, SON, BROTHER & FRIEND
DEC. 13, 1985 - MAY 29, 2011
Sponsorship opportunity

Sponsored
Bridge

Trail Association
Adopt-A-Trail
Program
DALLENBACH
HENRETTA
ROSE & ROVDER
FAMILIES
SHIELDS
CROSSING
Sponsorship for
maintenance
Sponsorship for
infrastructure

Simple Boat
Landing / Dock

Simple Boat
Landing / Dock

NOTICE
MOTORIZED
WATERCRAFT
ARE
PROHIBITED

MARILLA RESERVOIR

We hope you enjoy your experience at our reservoir, please help us keep this area pristine.

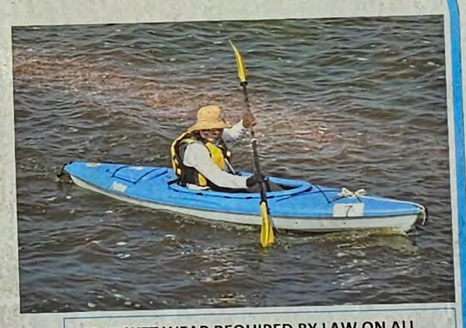
The Following activities are Prohibited:

- CAMP FIRES
- CAMPING
- MOTORIZED WATERCRAFT
- SWIMMING
- LITTERING
- DISCHARGING FIRE ARMS
- ALL TERRAIN VEHICLES

BRADFORD CITY WATER AUTHORITY

Paddling Water Safety

- **Wear your life jacket.** Required by law in canoe or kayak. 80% of boating fatalities happen to people not wearing theirs.
- **Expect to get wet and dress properly.** Even the best paddlers sometimes capsize or swamp their boats.
- **Be prepared to swim.** If the water looks too hazardous to swim in, don't go paddling. If you capsize, hold onto your boat, unless it presents a life-threatening situation.
- **Scout ahead whenever possible.** Know the water. Avoid surprises.
- **Be prepared for the weather.** Check the forecast.
- **Never boat alone**. Boating safety increases with numbers.
- **Keep lines and ropes on your boat secured and coiled.**
- **Never tie a rope to yourself or another paddler.**
- **Avoid dams and spillways.**
- **Be sure to leave a float plan** so a friend or family member knows where you are and when you will return.
- **Take a Boating Safety Education Course** and carry your certificate card



LIFE JACKET WEAR REQUIRED BY LAW ON ALL BOATS: NOV. 1 TO APRIL 30. Boaters 12 years of age and under must always wear a life jacket on boats 20 feet in length or less or on any canoe or kayak. Recreational boating fatalities that occur in Pennsylvania from November through April are primarily due to the effects of cold water immersion. When water temperatures are less than 70 degrees F, cold water shock is a major factor in boating fatalities. Victims who wear a life jacket when exposed to cold water have potentially life-saving advantages such as insulation from the cold, buoyancy for victims who are unable to tread water and reduced risk of aspiration of water.

McKean County Conservation District

Fishing and boating access & signs provided by a partnership of the Bradford Water Authority, McKean County Conservation District, PA Fish & Boat Commission, and Shell, Inc.
Information courtesy of the PA Fish & Boat Commission.

Shell

PENNSYLVANIA GAME COMMISSION

BRADFORD CITY WATER AUTHORITY PROPERTY RULES

1. No motorized watercraft.
2. No ATVs, UTVs or Motor Bikes.
3. [redacted]
4. Gilbert Reservoir Road access is from dawn to dusk. All travel is prohibited after dusk.

PROHIBITED ACTS

It shall be unlawful to:

(1) Camp or use campsites.
(2) Plant, gather, cut, dig, remove or otherwise injure plants or parts thereof, including trees, shrubs, vines, flowering plants, cultivated crops, mushrooms and fruits of berry-producing plants.
(3) Travel on lands by means of vehicle or conveyance propelled by motorized power.
(4) Swim in a dam, pond, lake or stream.
(5) Injure, destroy or cause damage to property – real, personal or mixed.
(6) Remove or attempt to remove any manmade or natural object except wildlife lawfully taken. Objects which may not be removed include animals, rocks, minerals, sand and historical or archaeological artifacts.
(7) Participate in, become a part of, contribute to or engage in disorderly conduct as defined in 18 Pa.C.S. §§ 5503 and 5505 (relating to disorderly conduct; and public drunkenness).
(8) Kindle, use or maintain an open fire.
(9) Travel on roads open to vehicular travel with vehicle or conveyance propelled by motorized power which is not licensed or authorized for operation on a public highway under 75 Pa.C.S. (relating to the vehicle code).
(10) Violate, fail or neglect to follow instructions posted on signs authorized by the Director.
(11) Travel by mechanical or motorized conveyance or ride animals on newly constructed, seeded or planted roads, or other areas, when posted against the travel.
(12) Possess, maintain, operate, occupy or travel by snowmobile or ATV in a manner not in accordance with the standards in 75 Pa.C.S. Chapter 77 (relating to Snowmobile and All-Terrain Vehicle Law).
(13) Construct, place, maintain, occupy, use, leave or abandon structures or other tangible property, except in the manner otherwise authorized and limited by § 135.41(c)(11) (relating to State game lands).

Persons violating any of these regulations will be subject to fines and penalties as prescribed by the Pennsylvania Game and Wildlife Code 34 Pa.C.S. §§ 101 *et seq.*

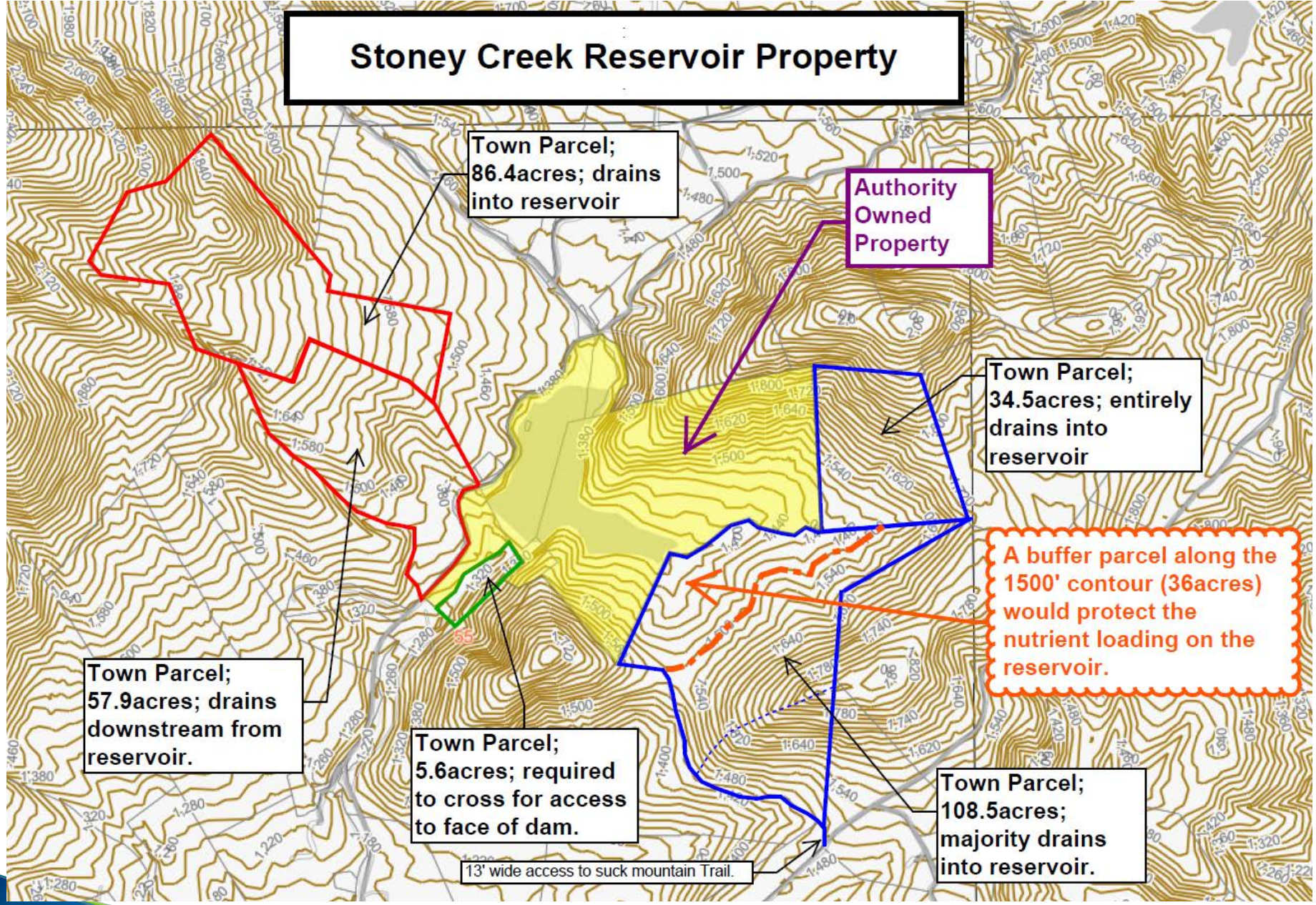
Education opportunity

Restricted access to landing for non-powered boats

Simple
Parking
Area

Fishing "Pier"

Stoney Creek Reservoir Property



Bedford Regional Water Authority