



## **AGENDA**

**Lower Cape Fear Water & Sewer Authority  
1107 New Pointe Boulevard, Suite # 17, Leland, North Carolina  
9:00 a.m. – Regular Monthly Board Meeting  
November 8, 2021**

**MEETING CALL TO ORDER:** Chairman Leonard

**INVOCATION**

**PLEDGE OF ALLEGIANCE**

**APPROVAL OF CONSENT AGENDA**

- C1 - Minutes of October 11, 2021 Regular Board Meeting**
- C2 - Kings Bluff Monthly Operations and Maintenance Report**
- C3 - Bladen Bluffs Monthly Operations and Maintenance Reports**
- C4 - Line-Item Adjustment**
- C5 - Resolution Approving Destruction of Specified Public Records for Fiscal Years of 2017-2018  
Accordance with the Water & Sewer Authorities and Sanitary Districts Records Retention and  
Disposition Schedule**

**PRESENTATION** – Overview of the Bladen Bluff Plant by Robert “Buddy” Harris

**ENGINEER’S COMMENTS**

**ATTORNEY COMMENTS**

**EXECUTIVE DIRECTOR REPORT**

- EDR1**–Comments on Customers’ Water Usage and Raw Water Revenue for Fiscal Year to  
Date Ending October 31, 2021
- EDR2**–Operating Budget Status, Ending September 30, 2021.
- EDR3**–Summary of Activities

**DIRECTOR’S COMMENTS AND/OR FUTURE AGENDA ITEMS**

**PUBLIC COMMENT**

**ADJOURNMENT**

*The next board meeting of the Lower Cape Fear Water & Sewer Authority is scheduled for Monday, December 13<sup>th</sup> at 9:00 a.m. in the Authority’s office located at 1107 New Pointe Boulevard, Suite 17, Leland, North Carolina.*

## **AGENDA ITEM**

To: CHAIRMAN LEONARD AND BOARD MEMBERS

From: TIM H. HOLLOMAN, EXECUTIVE DIRECTOR

Date: November 8, 2021

Re: Consent Agenda

Reviewed and approved as to form: MATTHEW A. NICHOLS, AUTHORITY ATTORNEY

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Please find enclosed the items of a routine nature for consideration and approval by the Board of Directors with one motion. However, that does not preclude a board member from selecting an item to be voted on individually, if so desired.

**C1-** Minutes of October 11, 2021, Regular Board Meeting

**C2-** Kings Bluff Monthly Operations and Maintenance Report

**C3-** Bladen Bluffs Monthly Operations and Maintenance Report

**C4-** Line Item Adjustment

**C5-** Resolution Approving Destruction of Specified Public Records for Fiscal Years of 2017-2018 Accordance with the Water & Sewer Authorities and Sanitary Districts Records Retention and Disposition Schedule

**Action Requested:** Motion to approve/disapprove Consent Agenda.

Lower Cape Fear Water & Sewer Authority  
Regular Board Meeting Minutes

October 11th, 2021

Chairman Leonard called to order the Authority meeting scheduled on October 11, 2021, at 9:00 a.m. and welcomed everyone present. The meeting was held at the Authority’s office located at 1107 New Pointe Boulevard, Suite 17, Leland, North Carolina. Director Milliken gave the invocation.

**Roll Call by Chairman Leonard:**

**Present:** Norwood Blanchard, Patrick DeVane, Wayne Edge, Harry Knight, Al Leonard, Al Milliken, Phil Norris, Charlie Rivenbark, Bill Sue, Frank Williams, and Rob Zapple

**Present by Virtual Attendance:** Jackie Newton, Bill Saffo, and Chris Smith

**Absent:** None

**Staff:** Tim H. Holloman, Executive Director; Matthew Nichols, General Counsel; Tony Boahn P.E., McKim & Creed, Patrick Flanagan, COG, Joshua Trouton, Computer Warriors, and Danielle Hertzog, Financial Administration Assistant

**Guests Present:** Anthony Colon, John Malone, Glen Walker, and Brian Mellor

**Guests Virtual Attendance:** Heidi Cox, Matt Hourihan, Buddy Harris, John Nichols, and Kenneth Waldrop

**PLEDGE OF ALLEGIANCE:** Vice-Chairman Rivenbark led the Pledge of Allegiance.

**APPROVAL OF CONSENT AGENDA**

**C1 - Minutes of Regular Board Meeting September 13, 2021**

**C2 - Kings Bluff Monthly Operations and Maintenance**

**C3 - Bladen Bluffs Monthly Operations and Maintenance Reports**

**C4 – Resolution recognizing Imagine a Day without Water 2021**

**Motion:** Director Norris **MOVED**; seconded by Director Blanchard, approval of the Consent Agenda Items as presented. Upon vote, the **MOTION CARRIED UNANIMOUSLY**.

	<u>For</u>	<u>Against</u>	<u>Abstained</u>	<u>Absent</u>
Norwood Blanchard	X			
Wayne Edge	X			
Patrick DeVane	X			
Harry Knight	X			
Al Leonard	X			
Jackie Newton	X			
Phil Norris	X			
Al Milliken	X			
Charlie Rivenbark	X			
Bill Saffo	X			
Chris Smith	X			
Bill Sue	X			
Frank Williams	X			
Rob Zapple	X			
	14	0	0	0

**A presentation was given by Brian Mellor regarding the overview of PowerSecure NESHAP Management Services.**

**NEW BUSINESS**

**NB1- Resolution Accepting the Lower Cape Fear Water and Sewer Authority Kings Bluff Regional Raw Water Supply Facilities FY 2021-2022 Annual Inspections Reports (Tony Boahn, P.E., McKim, and Creed).**

As required by the Authority’s authorizing bond order and water supply agreements with its customers, McKim & Creed conducted the annual inspection of the King Bluff Raw Water Pump Station (KGRWPB) and submitted the *Lower Cape Fear Water & Sewer Authority Kings Bluff Regional Raw Water Supply Facilities FY 2021-2022 Annual Inspection Report*. Mr. Boahn provided a PowerPoint presentation of the Kings Bluff annual report with an overview of the system including: intake and pier, pump station, electrical building, generator facilities, the three million gallon ground tank, the booster pump station, raw water main right of way, and the new 54-inch parallel raw water main. Mr. Boahn commended Brunswick County on doing a magnificent job maintaining Kings Bluff due to only finding relatively minor concerns during the inspections. Mr. Boahn advised the pier and the building needs some repairs due to rot on the handrails and rotting floorboards. Tony did advise he knows Brunswick County is continually replacing boards to keep it serviceable. Mr. Boahn indicated the building has held up well for how old it is and for the moisture in the area where it is located. Director Knight wanted to confirm that the structure is still solid. Tony advised they did not see anything to show concern about the structure other than its age. Director Sue questioned the cost of replacing the complete pier with the same materials and the cost difference for concrete. Mr. Boahn advised \$900,000 for wood and \$1,500,000 for concrete. Mr. Boahn wanted to inform the Directors about the possibility of relocating the intake at the pier. He would like to relocate them to the pump station. Eliminate the need for the pier, and the blowing off the screens could be completed from the banks. He will need to go over some additional aerodynamics information later if the board would be interested. Director Zapple questioned why not use a manufactured product that would not rot? Mr. Boahn indicated manufactured product will still deteriorate over time and is not as permanent as concrete. He advised we do need to look at the total cost and maybe look at alternatives to treated lumber. Director Norris would like to explore moving the screens if it does not cause a technical problem. Director Zapple has concerns for boater and water safety due to missing signage in the water currently and in the future if we move the tanks on shore. Mr. Boahn advised they could install remote cameras on the bank and set up new safety measures to confirm a visual before you blow the screens because it does create a large hole in the water. Mr. Boahn advised no issues or concerns with the pump station. The air surge tanks look good as well. The County has been working on trying to keep those painted and coated over the past several years. The red light has been alarmed on that panel for the 12,000-gallon diesel fuel tanks. The alarm panel needs to be corrected, so it will signal if we leak. Mr. Boahn stated there is a minor amount of rust on the door to the generator building that can be addressed quickly. Mr. Boahn advised that the first 14 miles of the 54-inch pipelines right of way is clean, but the next 10 miles of the right of way is very overgrown in areas. Tony spoke with the inspector this morning, and the 54-inch pipeline has passed the pressure test. Therefore they are now working on the bypass at the Brunswick County Northwest Water Treatment Plant. Director Zapple questioned what was going on with the accuracy of the flow meters at the station. Is there a leak, and how much is the meter off? Tony advised Kings Bluff station has two meters, and our major customers all have their meters. When you add up the two meters of water leaving the station compared to the water, it is going to the meters, and there is a disparity. The deciding agreement was that LCFWASA would use the billing customers monitoring meters because they are newer and more accurate. We have not found any water leaks. The manual calculation of flow going and out matches the summary of the customer meters. It does not cost the customer any additional money or the Authority; it’s just a metering issue. We could replace the meters at a significant cost. Director DeVane would like to sure the right of ways are cleaning marked. Executive Director Holloman advised a study is being completed to look at updating signage every ten miles. Director Zapple and Newton fully support going forward with an annual inspection of Kings Bluff. Mr. Boahn concluded his report noting that upon inspection of the facility nothing major was found, and the identified items are typical maintenance needs. Tony said the pump station is in very good condition, and Brunswick County has stepped up its efforts in the past couple of years. A copy of the report is hereby incorporated as part of these minutes.

**Motion:** Director Norris **MOVED**; seconded by Director Blanchard, approval of the *Resolution Accepting the Lower Cape Fear Water & Sewer Authority Kings Bluff Regional Raw Water Supply Facilities FY 2021-2022 Annual Inspection Report* as presented. Upon vote, the **MOTION CARRIED UNANIMOUSLY**.

	<u>For</u>	<u>Against</u>	<u>Abstained</u>	<u>Absent</u>
Norwood Blanchard	X			
Wayne Edge	X			
Patrick DeVane	X			

Harry Knight	X			
Al Leonard	X			
Jackie Newton	X			
Phil Norris	X			
Al Milliken	X			
Charlie Rivenbark	X			
Bill Saffo	X			
Chris Smith	X			
Bill Sue	X			
Frank Williams	X			
Rob Zapple	X			
	14	0	0	0

**NB2- Resolution Accepting the Lower Cape Fear Water and Sewer Authority Bladen Bluff Regional Surface Water Treatment Facilities FY 2021-2022 Annual Inspections Reports (Tony Boahn, P.E., McKim, and Creed).**

The Authority’s Special Facility Revenue Bond Series 2010 requires an annual inspection of the Bladen Bluffs Regional Surface Water Treatment facilities by a qualified engineer to report on readiness, identify any deficiencies and make recommendations on needed repairs and capital improvements. McKim & Creed conducted the inspection and submitted the report dated September 2021. Mr. Boahn presented a PowerPoint presentation of the results and findings of the inspection which included the intake and raw water pump station, treatment processes, residuals basins, chemical systems and administrative facilities. Mr. Boahn concluded by saying the items identified in the report are very minor, maintenance items and the facility is well maintained. There is no cause for concern on an operational standpoint. A copy of the report is hereby incorporated as part of these minutes

**Motion:** Director Knight **MOVED**; seconded by Director Edge, approval of the Resolution Accepting the Lower Cape Fear Water & Sewer Authority Bladen Bluffs Regional Surface Water Treatment Facilities Fiscal Year 2021-2022 Annual Inspection Report as presented. Upon vote, the **MOTION CARRIED UNANIMOUSLY.**

	<u>For</u>	<u>Against</u>	<u>Abstained</u>	<u>Absent</u>
Norwood Blanchard	X			
Wayne Edge	X			
Patrick DeVane	X			
Harry Knight	X			
Al Leonard	X			
Jackie Newton				X
Phil Norris	X			
Al Milliken	X			
Charlie Rivenbark	X			
Bill Saffo	X			
Chris Smith	X			
Bill Sue	X			
Frank Williams	X			
Rob Zapple	X			
	13	0	0	0

**ENGINEER’S COMMENTS**

No comments

**ATTORNEY COMMENTS**

No comments

**EXECUTIVE DIRECTOR REPORT**

**EDR1 – Comments on Customers’ Water Usage and Raw Water Revenue for Fiscal Year to Date Ending September 30, 2021**

Executive Director Holloman reported that during the Month of September 2021, Brunswick County and CFPUA were both above projections. Pender County was just below projections. Monthly revenue was up as well.

**EDR3 – Summary of Activities**

Executive Director Holloman informed the board that he Presented 50th Anniversary Plaques to Brunswick and Columbus County. Executive Director Holloman had a “Take or Pay” discussion with Partners on September 14 and continued working with McKim & Creed, CFPUA, Brunswick County, and Pender County Utilities on a presentation for the upcoming NC-AWWA-WEA conference in November. CIP updates with Sean Kenyon and McKim & Creed are ongoing. Partnered with CFPUA and had a booth at the Wilmington Business Expo on October 7, 2021.

**CLOSED SESSION**

**CS1 - Closed Session in Accordance with NCGS§143-318.11(a)(3) to discuss with our attorney a matter within the attorney-client privilege**

**DIRECTOR’S COMMENTS AND/OR FUTURE AGENDA ITEMS**

Director Williams would like an executive summary page next year regarding the Annual Inspections. Executive Director Holloman questioned if LCFWASA needed to submit an RFP for the auditor’s contract. The Directors agreed to keep the current auditor contract until this agreement is completed in five years.

**PUBLIC COMMENT**

No comments

**ADJOURNMENT**

There being no further business, Chairman Leonard adjourned the meeting at 10:15 a.m.

Respectfully Submitted:

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Norwood Blanchard, Secretary

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COUNTY OF BRUNSWICK  
PUBLIC UTILITIES DEPARTMENT  
Kings Bluff Pump Station



246 Private Road  
Riegelwood, NC 28456  
(910) 655-4799 Office  
(910) 655-4798 FAX

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**TO:** Tim Holloman

**FROM:** Jack Hogan

**DATE:** 11/1/2021

**SUBJECT:** Monthly maintenance report for October 2021

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Mr. Holloman,

The Maintenance and Operations of the king's bluff facility for the month of October was performed as prescribed in the station SOP'S and other items are as follows.

The diesel drive booster pumps along with the standby SCADA generator located at the raw tank and the SCADA generator located at INVISTA / CFPUA vaults off HWY 421 were ran and tested weekly and verified standby ready.

KB personnel completed all locates issued by the 811 system.

KB personnel are working on deck board replacement on the walkway to river. As of today, there has been 234 ft. of decking replaced.

KB personnel along with Brunswick Co. I&C dept. repaired fiber optic communication cable that was cut by Garney construction at the Authority / Brunswick vault.

KB personnel working with Garney on the 54" line fill and flush.

KB personnel put the 54" discharge line in service at the request of Garney construction to operate in parallel with the 48" discharge line.

KB personnel received overnighted replacement fuses from TMEIC to get # 4 VFD back online due to blown fuse that caused the shutdown of VFD and # 4 pump.

KB personnel worked with Brunswick Co. I&C dept. on replacement of SCADA computer system. The original system crashed and couldn't be restarted.

KB personnel along with Brunswick Co. Sewer dept. are trying to stop flow of water coming into the Authority / CFPUA vault. Have slowed the flow coming into the vault and still working to stop it.

KB personnel carried A-4 2021 GMC to dealership for complimentary oil change.

Thank You,  
Jack Hogan  
Kings Bluff Pump Station



# Smithfield®

To: Tim Holloman - LCFWASA

From: James Kern – Bladen Bluffs SWTP ORC

Date: 11/2/21

Subject: October 2021 Operations

During the month of October, Bladen Bluffs SWTP operated a total of 18 days, treating 42.06 million gallons of water.

We used:

29,484 lbs. of aluminum sulfate (Alum)

8,809 lbs. of sodium hydroxide (Caustic)

1,162 lbs. of sodium hypochlorite (2,333 gallons of 6% Chlorine Bleach)

**James Kern**  
**Water Treatment Plant**  
**Supervisor**

(910) 862-3114  
(910) 862-3146  
(910) 733-0016 mobile  
[jkern@smithfield.com](mailto:jkern@smithfield.com)

**Smithfield**  
*Good food. Responsibly.®*

Bladen Bluffs Surface Water Treatment  
Plant  
17014 Highway 87 West  
Tar Heel, NC 28392  
[www.smithfieldfoods.com](http://www.smithfieldfoods.com)

## Bladen Bluffs SWTP Maintenance Report

Date: 11/2/2021

### ISSUE:

### PLAN OF ACTION:

Air on finished water line (from GAC)	Ordering trail valves
Running spare cl2 lines to settled/finished	Getting quotes
Sump pump check valve needs replacement	Scheduled repair
CL2 pump #3 clogged to rapid mix	FIXED
Truck needs inspection	PASSED
SOD bare areas	COMPLETE
Settle basin need cleaning	COMPLETE
Carbon in GAC #3 and #4 due for exchange	In Progress
Level Indicator on diesel tank N/A	FIXED
GAC supports need painting	Scheduled

## Monthly Operating Reports (MORs) Summary

(No user data entry – all values are auto-populated.)

Year: 2021 PWS Name: Bladen Bluffs Water System PWSID#: NC5009012  
 Month: October Facility Name: Bladen Bluff

### Combined Filter Effluent (CFE) Turbidity

Samples exceeding 1 NTU (count):	<u>0</u>	Number of samples required:	<u>94</u>
Samples exceeding .3 NTU (count):	<u>0</u>	Number of samples taken:	<u>95</u>
Samples exceeding .3 NTU (pct):	<u>0.0%</u>	Highest single turbidity reading NTU:	<u>0.115</u>
		Monthly average turbidity NTU:	<u>0.061</u>

### Individual Filter Effluent (IFE) Turbidity

1) Was each filter <u>continuously</u> monitored for turbidity?	Yes	<u>X</u>	No	
2) Was each filter's monitoring results <u>recorded every 15 minutes</u> ?	Yes	<u>X</u>	No	
3) Was there a failure of the continuous turbidity monitoring equipment?	Yes		No	<u>X</u>
4) Was any individual filter turbidity level > 1.0 NTU in two consecutive measurements ?	Yes		No	<u>X</u>
5) Was any individual filter turbidity level > 0.5 NTU in two consecutive measurements at the end of 4 hours of operation after the filter has been backwashed or otherwise taken offline ?	Yes		No	<u>X</u>
6) Was any individual filter turbidity level > 1.0 NTU in two consecutive measurements in each 3 consecutive months ?	Yes		No	<u>X</u>
7) Was any individual filter turbidity level > 2.0 NTU in two consecutive measurements in 2 consecutive months ?	Yes		No	<u>X</u>

### Entry Point Residual Disinfectant Concentration (EPRD)

Disinfectant Used	<u>Chlorine</u>	Number of samples required	<u>94</u>
Minimum EPRD concentration	<u>0.8900</u>	Number of samples taken	<u>95</u>

### Distribution Residual Disinfectant Concentration

Number of samples under 0.010 mg/L (without any detectable) excluding where HPC is ≤ 500/mL	<u>0</u>
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### Contact Time (CT) Ratio

Lowest CT ratio reading	<u>28.10</u>	Number of CT ratios required	<u>18</u>
Number of CT ratios below 1.0	<u>0</u>	Number of CT ratios calculated	<u>18</u>

### Remarks From General Info Worksheet

By checking this box, the ORC certifies that the requirements of 15A NCAC 18C .1301 "General Requirements", .1302 "Tests, Forms, and Reporting", and .1303 "Facility Oversight" have been met for the month of October, 2021 and that records documenting compliance with this rule are maintained on the premises and available for inspection upon request.

**CONSENT AGENDA (CA-4)**

**Lower Cape Fear Water & Sewer Authority**

**CONSENT ITEM-** Background: Line-Item adjustments are made to more closely align revenues and expenditures to actuals without exceeding or decreasing the approved or amended budget

<b>Operating Fund:</b>	<b>Decrease</b>	<b>Increase</b>	<b>Budget Amount as of 6/30/22</b>
<b>REVENUE</b>			
<b>EXPENSES</b>			
4062-01 Office Equipment		\$ 1,500	\$ 4,000
4064-01 Printing and Advertising		\$ 1,000	\$ 1,500
4065-01 Telephone		\$ 2,000	\$ 3,200
4059-01 Office Expense	\$(4,500)		
<b>Total</b>	<b>\$(4,500)</b>	<b>\$4,500</b>	<b>\$ 6,372,523</b>

**Resolution Approving Destruction of Specified Public Records for Fiscal Years of 2017-2018 in Accordance with the Water & Sewer Authorities and Sanitary Districts Records Retention and Disposition Schedule**

Whereas, on May 9, 2016 the Lower Cape Fear Water & Sewer Authority (Authority) Board of Directors approved the *Water & Sewer Authorities and Sanitary Districts Records Retention and Disposition Schedule* dated May 1, 2016 which was prepared in accordance with the provisions of Chapters 122 and 132 of the General Statutes of North Carolina and issued by the North Carolina Department of Natural and Cultural Resources Division of Archives and Records Government Records Section.

Now Therefore Be It Resolved, that the Board of Directors for the Lower Cape Fear Water & Sewer Authority approves the destruction of specified public records for Fiscal Year 2017-2018 in accordance with the disposition schedule time periods instructions and acceptable methods of destruction as stipulated in the *Water & Sewer Authorities and Sanitary Districts Records Retention and Disposition Schedule* and a more complete description of the records designated for destruction is attached hereto labeled Appendix "A."

Adopted this 8<sup>th</sup> day of November, 2021

\_\_\_\_\_  
Al Leonard, Chairman

ATTEST:

\_\_\_\_\_  
Norwood Blanchard, Secretary

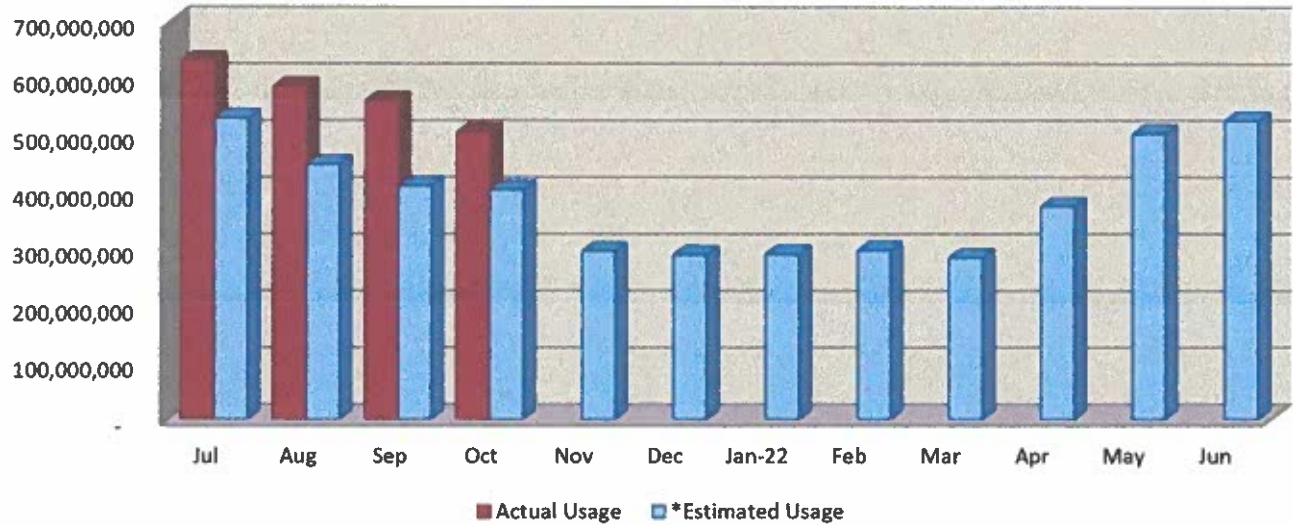
# APPENDIX A

## Destruction of Public Record Log

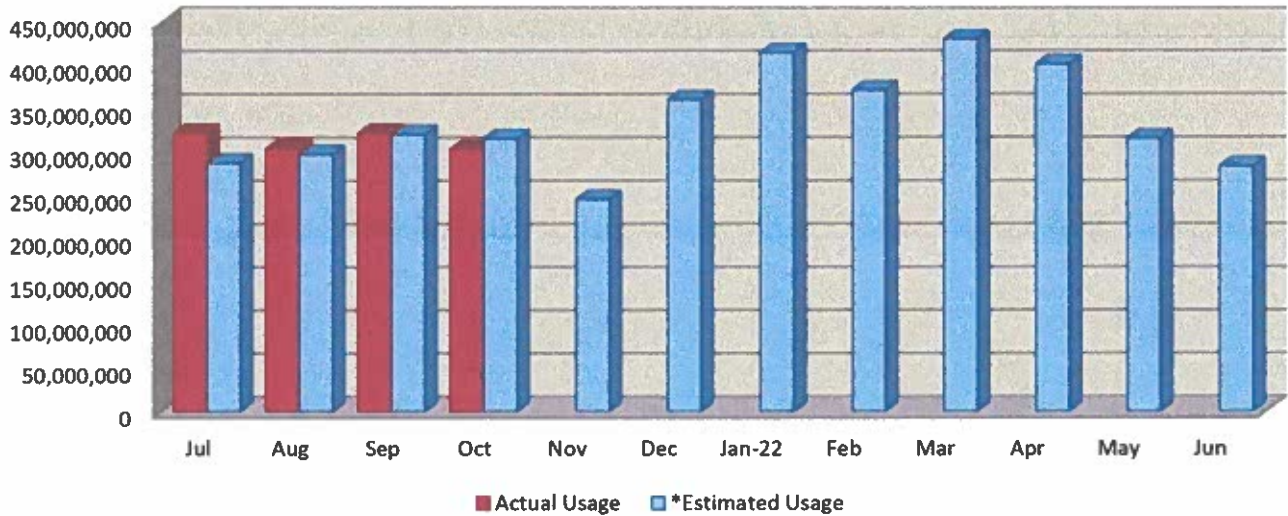
### STANDARD 2: BUDGET, FISCAL, AND PAYROLL RECORDS

Pulled Date	ITEM #		Record Date	Destruction Date	Media Paper/Electronic
10/15/2021	2	Accounts Payable		FY2017-18	P
10/15/2021	2.8	Bank Statements		FY2017-18	P

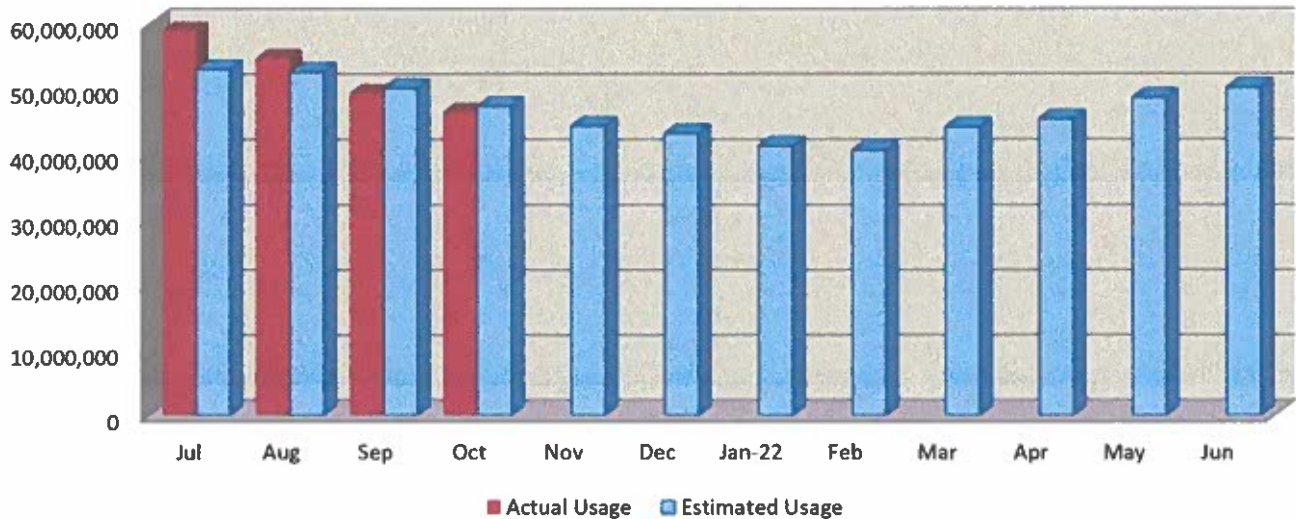
### Brunswick County Water Usage FY 21-22



### CFPUA Water Usage FY 21-22



### Pender County Water Usage FY 21-22



**OPERATING FUND BUDGET PERFORMANCE**

Jul-1 through Sept-30

Income	Approved Annual Budget	Jul 1- Sept 30	Jul 1- Sept 30	Jul 1- Sept 30	Budget As of 9/30/21
		Kings Bluff	Bladen Bluffs	OF BUDGET	
<b>3000-01 - OPERATING REVENUE</b>					
3001-01 - 01 Bruns County Public Utility	1,491,553	586,985		586,985	39%
3002-01 - 01 CFPUA	1,296,405	313,057		313,057	24%
3003-01 - 01 Pender County	179,822	53,689		53,689	30%
3004-01 - 01 HWY 421 - Invista	40,000	11,941		11,941	30%
3005-01 - 01 Praxair, Inc	4,314	512		512	12%
3006-01 - 01 Bladen Bluffs Revenue	3,194,127		637,853	637,853	20%
Bladen Admin Reimb	94,302		31,751	31,751	34%
3007-01 - Sales Tax Refund Revenue	70,000		0	0	0%
<b>Total 3000-01 - OPERATING REVENUE</b>	<b>6,370,523</b>	<b>966,184</b>	<b>669,604</b>	<b>1,635,788</b>	<b>26%</b>
<b>3100-00 - OF NONOPERATING REVENUE</b>					
3120-00 - Revenue-Other					
Interest & Investment Revenue	2,000	188		188	9%
FEMA Reimbursement	0	0		0	0%
Refunds / Insurance Proceeds/ Other	0	600		600	0%
3158-00 - Rental Income	0	3,969		3,969	
3900-01 R&R Fund Appropriated	0	0		0	0%
2900-00 Fund Balance	0	0		0	0%
<b>Total 3100-00 - OF NONOPERATING REVENUE</b>	<b>2,000</b>	<b>4,757</b>	<b>0</b>	<b>4,757</b>	<b>238%</b>
<b>Total Income</b>	<b>6,372,523</b>	<b>970,941</b>	<b>669,604</b>	<b>1,640,545</b>	<b>26%</b>
<b>Expense</b>					
<b>4000-01 - ADMINISTRATION EXPENDITURES</b>					
4001-01 - Salary - gross	168,610	25,883	12,646	38,528	23%
4010-01 - Per Diem= mileage+per diem pay	62,500	8,204	4,696	12,900	21%
4012-01 - Vehicle Allowance	5,200	810	390	1,200	23%
4070-02 - Phone Allowance	520	81	39	120	23%
4015-01 - Payroll Taxes	17,967	2,604	1,350	3,953	22%
4029-01 - Retirement Employer's Part	18,379	3,236	1,378	4,615	25%
4035-01 - 401K Employer PD Contribution	4,758	833	357	1,190	25%
4036-01 - Payroll Processing Exp	2,900	549		549	19%
4038-01 - Insurance Group	40,910	5,821	2,720	8,540	21%
4039-01 - Insurance, Property	87,000	80,754	6,525	87,279	100%
4046-00 - Professional Services General	15,000	0	0	0	0%
4046-01 - Attorney	30,000	7,777		7,777	26%
4046-02 - Auditor	9,000	1,200	2,800	4,000	44%
4046-03 - Engineer	55,000	2,135	0	2,135	4%
4049-01 Information Technology	10,000	5,830	0	5,830	58%
4055-01 - Office Maint/Repair	17,000	2,565		2,565	15%
4058-01 - Office Utilities	7,000	459		459	7%
4059-01 - Office Expense	26,300	3,173		3,173	12%
4062-01 - Office Equipment	4,000	2,290		2,290	57%
4064-01 - Printing & Advertising	1,500	550		550	37%
4065-01 - Telephone and Internet	3,200	604		604	19%
4070-01 - Travel & Training	17,500	6,027		6,027	34%
4080-01 - Miscellaneous Expenses	15,000	8,627		8,627	58%
<b>Total 4000-01 - ADMINISTRATION EXPENDITURES</b>	<b>619,244</b>	<b>170,008</b>	<b>32,901</b>	<b>202,909</b>	<b>33%</b>
<b>4500-01 - OPERATING EXPENDITURES</b>					
4501-00 - Sales Tax Expense - Other	70,000		31,345	31,345	45%
4510-01 - Bladen Bluffs Expenses	1,889,330		431,257	431,257	23%
4520-01 - Utilities-Energy Pump Station	789,687	182,722		182,722	23%
4530-01 - Kings Bluff O&M Expenses	453,609	308,969		308,969	68%
4535-01 - Kings Bluff Hurricane Other FEMA		0		0	
4543-01 - Series 2012 Bond Principal (ST)	601,443	0		0	0%
4544-01 - Series 2012 Bond Interest (ST)	11,730	4,020		4,020	34%
4545-01 - Series 2010 Bond Principal (BB)	850,000		0	0	0%
4546-01 - Series 2010 Bond Interest (BB)	297,500		1,375	1,375	0%
Operating Capital Expense	325,000		0	0	0%
4998-05- Transfer to R&R- KB R&R Expense	75,000		0	0	0%
2041-01- 421 Relocation NHC Loan Principal	390,000		390,000	390,000	100%
<b>Total 4500-01 - OPERATING EXPENDITURES</b>	<b>5,753,279</b>	<b>495,712</b>	<b>853,976</b>	<b>1,349,688</b>	<b>23%</b>
<b>Total Expense</b>	<b>6,372,523</b>	<b>665,720</b>	<b>886,877</b>	<b>1,552,597</b>	<b>24%</b>



## Executive Director Highlighted Activities:

- Continue working with Sean Kenyon, McKim and Creed to update costs and time schedules associated with a CIP update. Long Range Planning Committee to meet next month before the regular meeting.
- Utilities are very concerned about cybersecurity, and we have taken several measures at the Authority to heighten digital security.

In July, we began working with Computer Warriors, and now we have a server and firewall for the first time in the history of the Authority. We update on-site and to the cloud. When evaluating computer and phone services, Brunswick County IT recommended switching to a .gov email system. Computer Warriors and Danielle working with the .gov Federal Issue system allowed us to implement a more secure email system effective October 20, 2021. This was at least a four-month process with many interactions and reviews to move forward. We will have to renew annually, but we avoided any registration charges by getting in before the end of the calendar year.

- Hours on Generators at Kings Bluff #1 925 hours and #2 733 hours
- Represented the Authority at the Second Harvest Food Bank of Southeast North Carolina on October 22 at a Leadership North Carolina Event to pack food for distribution. This foodbank serves four of the five LCFWASA county members.
- Followed up with Fayetteville PWC to confirm that they too were not aware or taking any action on the Lock and Dams. They are waiting, as are we, on a decision or final recommendation from the UASCE.
- Attended virtually the All-Blue Economy event sponsored by UNCW, which focused on how the region takes advantage and leverages business and technology related to all aspects of the water resources available to fuel economic development.