

New Business (NB1)

**Lower Cape Fear Water &
Sewer Authority**

AGENDA ITEM

To: CHAIRMAN LEONARD AND BOARD MEMBERS

From: TIM H. HOLLOMAN, EXECUTIVE DIRECTOR

Date: October 11, 2021

Re: Resolution Accepting the *Lower Cape Fear Water & Sewer Authority Bladen Bluff Regional Raw Water Supply Facilities FY 2020-2021 Annual Inspection Report* (Tony Boahn, P.E., McKim & Creed)

Background: The existing Standard Provision for Water Supply Agreements with all customers and the existing Bond Order requires an annual inspection of all the facilities associated with the pump station by a qualified engineer to report on readiness, identify deficiencies and make recommended repairs and capital improvements. A copy of the report will be provided to Smithfield Foods as operator of the facility.

Enclosed is an excerpt of the report providing a summary of the inspection items.

Mr. Boahn will present an overview of the report.

Action Requested: Motion to approve/disapprove

Resolution Accepting the *Lower Cape Fear Water & Sewer Authority Bladen Bluff Regional Raw Water Supply Facilities FY 2020-2021 Annual Inspection Report*

**Lower Cape Fear Water & Sewer Authority
Bladen Bluffs Regional Surface Water Treatment
Facilities
FY 2021-2022 Annual Inspection Report**



Prepared by



243 North Front Street
Wilmington North Carolina
F-1222

Prepared For

Lower Cape Fear Water and Sewer Authority



September 2021

**LOWER CAPE FEAR WATER AND SEWER AUTHORITY
BLADEN BLUFFS REGIONAL SURFACE
WATER TREATMENT FACILITY
ANNUAL INSPECTION REPORT
TABLE OF CONTENTS**

SECTION 1 - INTRODUCTION	1-2
1.1 FACILITIES.....	1-2
1.2 BASIS OF ANNUAL INSPECTION & SCOPE OF WORK.....	1-3
1.3 OPERATING ARRANGEMENTS.....	1-3
SECTION 2 - BLADEN BLUFFS SURFACE WATER TREATMENT FACILITIES – INSPECTION AND FINDINGS	2-1
2.1 RAW WATER PUMP STATION.....	2-1
2.2 RAPID MIX BASIN.....	2-3
2.3 FLOCCULATORS.....	2-3
2.4 SEDIMENTATION BASINS.....	2-3
2.5 FILTERS.....	2-4
2.6 FILTER PIPE AND VALVE GALLERY.....	2-4
2.7 TRANSFER PUMP STATION AND VAULT.....	2-4
2.8 GRANULAR ACTIVATED CARBON VESSELS.....	2-4
2.9 CHEMICAL ROOM.....	2-5
2.10 ADMINISTRATION BUILDING.....	2-6
2.11 RESIDUALS BASINS.....	2-6
2.12 BBRSWTF EMERGENCY POWER.....	2-6
2.13 NPDES METER VAULT.....	2-7
2.14 SCADA – TELEMETRY SYSTEM.....	2-7
2.15 RECYCLE PUMP STATION/METER VAULT.....	2-7
2.16 OPERATION OF FACILITY.....	2-7
2.17 FISCAL YEAR APPROPRIATIONS.....	2-8
SECTION 3 - INSURANCE PROVISIONS AND SERVICE CHARGES	3-9
3.1 INSURANCE PROVISIONS.....	3-9
3.2 SERVICE CHARGES.....	3-9

Appendix A - Summary of Inspection Items

Appendix B - Photographs

Appendix C - Summary of Insurance Coverage

SECTION 1 - INTRODUCTION

1.1 FACILITIES

The Lower Cape Fear Water and Sewer Authority is a regional organization with sponsoring members that are comprised of Bladen, Brunswick, Columbus, New Hanover, and Pender Counties, as well as the City of Wilmington. The Authority was created to aid development of a water supply system for the sponsoring member governments, which are primarily located in southeastern North Carolina. The Authority currently owns and operates, in partnership with Smithfield Farmland Corporation, the Bladen Bluffs Regional Surface Water Treatment Facility (BBRSWTF), which is supplied raw water from the Cape Fear River. The facility is a 6.0 Million Gallon per Day (MGD) drinking water facility located near the Town of Tarheel in Bladen County, approximately opposite of the Smithfield Farmland Corporation Facility on NC Highway 87. Construction was completed March 1, 2012, and the facility was placed into service on April 1, 2012. Primary components of the facility include:

- 30 MGD Raw Water Intake
- 12 MGD (Current Maximum Pumping Capacity) Raw Water Pumping Station & Raw Water Pipeline. The Raw Water Pumping Station includes two (2) 6 MGD pumps, with a slot for a third future pump.
- Four (4) Sand Filters
- Flocculation and Settling Tanks
- Two (2) 1.7 MG Residuals Basins
- Two (2) Standby Generators
- Four (4) Granular Activated Carbon Tanks
- Chemical Building
- Administration Building
- Two (2) 2 MGD Clear wells (Owned by Smithfield Farmland Corporation)

The Bladen Bluffs facility currently only supplies treated water to Smithfield Farmland Corporation, as there are currently no other customers served by BBRSWTF.

1.2 BASIS OF ANNUAL INSPECTION & SCOPE OF WORK

A condition of the authorizing Bond Order requires the following shall be provided by an independent engineering firm:

- Inspect the project at least once each fiscal year
- Prepare a report that sets forth:
 - ✓ Whether the properties or facilities have been maintained in good repair, working order, and condition
 - ✓ Whether they have been operated efficiently and economically
- Recommendations with respect to maintenance, repair, and operation of the facility during the ensuing Fiscal Year, and an estimate of the appropriations that should be made for such purposes
- The insurance to be carried for the facility per the bond requirements
- Extensions, improvements, renewals, and replacements that should be made during the ensuing fiscal year
- Any necessary or advisable revisions to the service charges

The results and findings of this annual inspection are summarized in the following sections of this report. The FY 2021-2022 inspection of the Authority's facilities was conducted in September 2021.

1.3 OPERATING ARRANGEMENTS

The Authority maintains limited full-time staff, consisting of an Executive Director and an Administrative Assistant, for the administration of the Authority's programs and the coordination of water supply activities in the Region. The Authority contracts for operations and maintenance of BBRSWTF with Smithfield Farmland Corporation. Smithfield Farmland

Corporation provides the personnel and resources to operate and maintain the Authority's water treatment facility and administers outside maintenance contracts as needed for effective operation of the system. Thus, Smithfield Farmland Corporation is designated the "Contract Operator" of the system. Currently, BBRSWTF generally operates on a 5-day work week (Sunday through Thursday) and the treatment process is in shut-down mode over most weekends. This schedule varies depending upon the production requirements of the Smithfield Farmland Corporation facility. Given the impacts Covid has had recently on production at the plant, operation on weekends is now not uncommon.

SECTION 2 - BLADEN BLUFFS SURFACE WATER TREATMENT FACILITIES – INSPECTION AND FINDINGS

A summary of the findings and recommendations, based on inspection of the Bladen Bluffs Surface Water Treatment Facility, is provided in *Appendix A*. Detailed findings for each primary process or facility are summarized as follows.

2.1 RAW WATER PUMP STATION

A) Intake Screen

The intake screen system is submerged in the Cape Fear River (See *Appendix B – Photograph A*). The raw water intake system is comprised of three (3) submerged screens, each with individual stainless-steel air backwash piping. Screen markers installed during previous repairs to the airlines in 2016 were removed by Hurricane Mathew. Additionally, the shoreline sign denoting the existence of the screens was damaged during Hurricane Mathew but has been replaced since. Again, in the Fall of 2018 Hurricane Florence impacted riverbank sign and air backwash piping. The sign was undermined, and a significant portion of the shoreline eroded. This erosion exposed a portion of the stainless-steel backwash air piping. As a result of the erosion, LCFWSA applied for and was granted FEMA funding to restore the eroded bank. The restoration project, Bladen Bluffs Regional Surface Water Treatment Facility Cape Fear Riverbank Restoration Project was completed in 2020 and successfully restored the bank to its original condition. The project integrated a mixture of bioengineering techniques and rip rap to provide protection from future erosion along the riverbank. As of the date of this report, some settlement has occurred, however, upon inspection the area has stabilized and it was determined that attempts to access and address this area would be more detrimental than allowing the natural vegetation to remain. Therefore, we recommend this area to be monitored to ensure that it remains stabilized and no action is needed at this time.

B) Grounds

The grounds at the Raw Water Pump Station and the 400-foot long intake screen access boardwalk were noted to be in good condition. All deck and handrail boards were replaced in 2020 and are still in excellent condition. The area inside the fence and around the board walk has been weeded and the grass has been cut since last inspection (See *Appendix B – Photograph D*).

C) Wet Well and Pumps

The wet well and associated piping were reviewed during the inspection and found to be in good working order. In the previous inspection, it was noted that the display for the transmitter required a cover, a cover was installed however is missing again. (See *Appendix B – Photograph E*).

D) Electrical Building

Building and electrical devices are in good condition. (See *Appendix B – Photograph F*). Bug infestation prevention measures installed three years ago by staff are working as there was little evidence of insects.

E) Generator and Automatic Transfer Switch

During the field inspection, staff indicated that the generator and transfer switch are being exercised on a regular basis. No issues were noted that would require corrective action.

F) Access Road to Pump Station

Overall, the road is in great shape. Areas on the access road that were previously being eroded have been addressed by raising the road elevation thus preventing water from crossing the road. Other areas that were suffering erosion have been stabilized with rip rap and stone infill. (See *Appendix B – Photograph G*).

G) Air Backwash Compressor Skid

Staff indicated that all appears to function correctly. Skid framing corrosion previously noted was addressed in 2020 and appears to be holding up. (See *Appendix B – Photograph H*).

2.2 INFLUENT FLOW METER VAULT

During the last inspection, the vault was found to have approximately 2 feet of standing water. Since that time, the staff has instituted a policy of pumping out vaults on a regular basis using a mobile sump pump system. During this visit, only a small amount of water existed in the vault. (See *Appendix B- Photograph I*).

2.3 RAPID MIX BASIN

The rapid mix basin equipment consists of the rapid mix structure and two (2) 10 horsepower mixers. No issues were observed for this facility during the inspection.

2.3 FLOCCULATORS

The flocculators consist of two (2), four-part flocculation chambers with four (4) 1 horsepower mixers in each flocculator. This facility appeared to be operating properly and without issue.

2.4 SEDIMENTATION BASINS

There are two (2) basins equipped with air operated sludge pumps and each basin is emptied and washed quarterly (See *Appendix B – Photograph J*). The sludge from the basins is pumped directly into tanker trucks and is then hauled off for land application disposal utilizing a subcontractor. No issues were observed requiring corrective action for this facility during the inspection.

2.5 FILTERS

The facility is equipped with four (4) sand filters, which are currently backwashed every 96 hours. All filters appeared to be in good working order.

2.6 FILTER PIPE AND VALVE GALLERY

A) Concrete Structure Walls

As during previous inspections, several calcified non-leaking cracks were observed during inspection. This type of crack is common in heavy cast-in-place concrete construction and it is recommended that the Owner/Staff routinely monitor the cracks. Only minor leakage was observed during the 2021 inspection (See *Appendix B – Photograph K*).

2.7 TRANSFER PUMP STATION AND VAULT

A) Pump Station

The pump station interior/exterior and control were reviewed and found to be in good condition and operating properly. It was noted during the inspection that the Level Indicating Instrument (LIT) was not provided a cover for protection from the sun. It is recommended this display as with others be covered. (See Appendix B - Photograph L)

B) Pump Station Valve Vault

The valve vault was reviewed and found to be in good working order, however a minor amount of water covered the floor (See *Appendix B – Photograph M*).

2.8 GRANULAR ACTIVATED CARBON VESSELS

Per previous report, the GAC vessels have been placed back in operation at the request of the State. The vessels were filled with a new type of granular activated carbon recommended by Calgon (See *Appendix B – Photograph N*). During the inspection, it was noted that the supports

for the filters were beginning to rust and thus it is recommended that the corrosion be addressed.

Mag-flow meters used to meter the flow through the filters appear to be in good condition and fully functional (See *Appendix B – Photograph O*). It was noted in the 2020 inspection that the flow meter displays for the mag meters were missing covers to prevent deterioration for the sun. Covers were installed however some are missing again and need to be reinstalled.

Vessel air release and vacuum air release valves noted to be leaking during previous reviews were replaced with new and have been provided with drain pans so as to not allow leaking water to run down and stain vessels as well contribute to support frame rusting. As noted during previous inspections, the vacuum portion of the Air Release Vacuum Valves (ARVs) do not appear to remain seated when the reservoir tank levels are lower than the level in the GAC vessels. The result of this issue causes them to leak periodically. Staff indicated they are in contact with a valve vendor about replacing them with a different type that will seat under a lighter pressure than the existing.

2.9 CHEMICAL ROOM

A) Chemical Tanks, Pumps, and Electrical

Facility was reviewed in its entirety and no issues were found. During a previous inspection, staff indicated they had entered into a maintenance agreement with a maintenance contractor. During this year's inspection, it was noted that all previous issues had been addressed.

B) Building

The structure was reviewed and no issues were found. Previously, it was noted that ceiling tiles near and around the lights in the electrical room were stained for the full length of the building. It appears the issue causing the problem has been addressed. (See *Appendix B – Photograph P*).

C) Chemical Carrier Water

Previously, staff changed the chemical carrier water from the Bladen County system to increase reliability and reduce cost. In the process of doing so, the staff added a backflow preventer (RPZ) between the carrier source water and the chemical system itself. This RPZ would protect the flow of chemically treated carrier water from entering the source water (namely the filters). The RPZ is currently mounted to the caustic chemical containment. In the unlikely event that the caustic tanks ruptured, caustic would have the potential to submerge the RPZ thus preventing the RPZ from functioning as intended. It was recommended that Smithfield address the RPZ installation location with PWS (Public Water Supply) to verify there is no issue with its location from a regulatory standpoint. As of this review, the RPZ remains in its original location. Smithfield should advise as to the status of the RPZ location and the noted previous concern. (See *Appendix B – Photograph Q*).

2.10 ADMINISTRATION BUILDING

No issues were noted in the administration building.

2.11 RESIDUALS BASINS

During the inspection, the basins were observed to be in good condition (See *Appendix B – Photograph R*).

2.12 BBRSWTF EMERGENCY POWER

A) Generator

The generator was inspected and found to be in good working condition. No corrective actions are required.

B) Diesel Storage Tank Leak Detection Panel

During the previous inspection, the diesel tank level and leak detection panel were found to be inoperable due to a lack of power. It was recommended that this be corrected. As of this review, the panel remains inoperable and thus should be addressed. (See *Appendix B – Photograph S*).

2.13 NPDES METER VAULT

This vault and associated chemical injection vault serve to condition the discharge water for both pH adjustment and dechlorination before entering the river. During this inspection, the vault and discharge manhole were found to be in good condition. No corrective action is required.

2.14 RECYCLE PUMP STATION/METER VAULT

During previous inspections, the recycle system was reviewed; however, per staff information, the system was not in use due to economic reasons. Staff indicated at that time that they were supporting other instruments by utilizing parts from instruments that were no longer functional that were associated with that system. No further inspection of this facility was made.

2.15 SCADA – TELEMETRY SYSTEM

Based on conversations with Staff and cursory review of the SCADA system, there are no known issues that were identified for corrective measures at the time of the inspection. Staff previously incorporated a new VTScada software which provides redundancy within their server system. In case there is an issue with one of their SCADA systems, there is now a standby system that can be utilized if required.

2.16 OPERATION OF FACILITY

Based upon observation of the facility and procedures currently employed by Staff, it is the opinion of McKim & Creed that the facility has been operated efficiently and economically.

2.17 FISCAL YEAR APPROPRIATIONS

No major appropriations for the upcoming fiscal year are anticipated beyond the contracted operations and maintenance agreement responsibilities.

SECTION 3 - INSURANCE PROVISIONS AND SERVICE CHARGES

3.1 INSURANCE PROVISIONS

A cursory review of the Authority's fiscal year 2020/2021 insurance coverage was conducted and was noted to be similar to that of the previous year. At the time of this report, the coverage was deemed to be sufficient and no major changes are recommended. A summary of the Authority insurance coverage is provided in *Appendix C*.

3.2 SERVICE CHARGES

At the time of this report, Smithfield Farmland Corporation is the only customer currently provided treated water from BBSWTF. Therefore, no changes to the current service charges are applicable.

END OF REPORT

Appendix A – Summary of Inspection Items

Bladen Bluffs Surface Water Treatment Facility - Annual Inspection

Lower Cape Fear Water and Sewer Authority

Facility	Satisfactory	Needs Attention	Remarks
<i>Raw Water Pump Station</i>			
Intake Screens	X		
Grounds		X	Matting and seeding of eroded area located to the left of the deck recommended
Wet Well		X	Install cover on LED display
Dock	X		
Electrical Building	X		
Generator and ATS	X		
Valve Vault	X		
<i>Rapid Mix Basin</i>			
Influent Flow Meter	X		
Structure	X		
Mixers	X		
<i>Flocculators</i>			
Flocculation Chambers	X		
Mixers	X		
<i>Sedimentation Basins</i>			
Basins	X		
Air Operated Sludge Pumps	X		
<i>Filters</i>			
Filters 1, 2 and 3	X		
Filter 4	X		
<i>Filter Pipe and Valve Gallery</i>			
Structure Walls	X		
Structure Floors	X		
Equipment	X		

<i>Transfer Pump Station & Vault</i>			
Pump Station Valve Vault	X		
Facility	Satisfactory	Needs Attention	Remarks
<i>Granular Activated Carbon Vessels</i>			
Vessel Exteriors		X	Address corrosion on vessel framing. Mag meter displays require cover.
<i>Chemical Room</i>			
Chemical Tanks	X		
RPZ Location		X	Resolve location acceptability with AHJ
<i>Administration Building</i>			
Building	X		
<i>Residuals Basins</i>			
Basins	X		
<i>BBRSWTF Emergency Power</i>			
Generator and ATS	X		
Diesel Storage Tank Panel		X	No power source and inoperable
<i>Effluent Flow Meter Vault</i>			
Meter Digital Display		X	Add cover on LED display
<i>NPDES Meter Vault</i>			
Meter Digital Displays	X		
<i>Recycle Pump Station</i>			
Meters and Displays		X	Add cover on LED display
<i>Instrumentation</i>			
SCADA & Telemetry	X		

Appendix B – Photographs



Photograph A – Intake Location



Photograph B – Cape Fear Riverbank Restoration Project provides protection for Air Backwash Piping and Future Erosion along Riverbank



Photograph C – Cape Fear Riverbank Restoration Project provides protection for Air Backwash Piping and Future Erosion along Riverbank



Photograph D – Deck and rails are replaced. Grounds are weeded and mowed



Photograph E – Intake Pump Station Controls Station



Photograph F - Raw Water Pump Station Electrical Building



Photograph G – Gravel drive with elevated areas and additional stone erosion control measures



Photograph H – Restored air compressor skid support framing



Photograph I - Influent Flow Meter Vault



Photograph J - Sedimentation Basins



Photograph K - Filter Gallery Walls



Photograph L – Transfer Pumps Station Controls



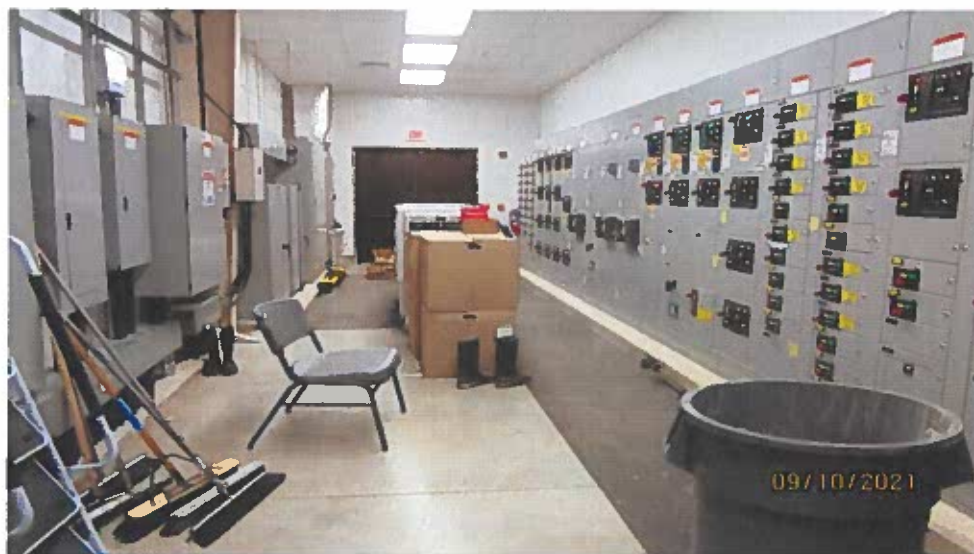
Photograph M - Transfer Pump Station Valve Vault



Photograph N - GAC Filters



Photograph O – Flow Meters at GAC Filters



Photograph P - Chemical Building Electrical Room



Photograph Q – RPZ in Chemical Building



Photograph O – Residuals Basins



Photograph R –Site Generator Fuel Tank Alarm Panel

Appendix C – Summary of Insurance Coverage

Interlocal Risk Financing Fund of North Carolina
Property and Liability Insurance Trust administered by the NC League of Municipalities

COMMON POLICY DECLARATIONS

ILDEC (07/2010)

Policy Number: PL-P-03009-2021

NAMED INSURED & MAILING ADDRESS:

Lower Cape Fear Water & Sewer Authority
 1107 New Pointe Blvd., Ste. 17
 Leland, NC 28451

FUND ADMINISTRATOR:

North Carolina League of Municipalities
Risk Management Services
 P.O. Box 1310
 Raleigh, NC 27602

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
 At 12:01 a.m. Standard Time at your mailing address shown above.

In return for the payment of the premium, and subject to all the terms of this policy, we agree with you to provide the insurance as stated in this policy.

This policy consists of the following coverage parts for which a premium is indicated. This premium may be subject to adjustment.	
	PREMIUM
COMMERCIAL GENERAL LIABILITY COVERAGE PART	\$1,062.03
EMPLOYEE BENEFITS LIABILITY COVERAGE PART	\$25.00
LIQUOR LIABILITY COVERAGE PART	Coverage Not Provided
BUSINESS AUTOMOBILE COVERAGE PART	\$1,159.64
POLICE PROFESSIONAL LIABILITY COVERAGE PART	Coverage Not Provided
PUBLIC OFFICIALS LIABILITY COVERAGE PART	\$600.00
EMPLOYMENT PRACTICES LIABILITY COVERAGE PART	\$700.00
CRIME COVERAGE PART	\$1,184.21
INLAND MARINE COVERAGE PART	\$2,853.06
PROPERTY COVERAGE PART	\$78,693.60
TOTAL PREMIUM	\$86,277.54
NET PREMIUM	\$86,277.54

FORMS APPLICABLE TO ALL COVERAGE PARTS:

Refer to "IRFFNC Forms and Endorsements Schedule"

**Interlocal Risk Financing Fund of North Carolina
COMMERCIAL GENERAL LIABILITY COVERAGE PART DECLARATIONS**

GLDEC (07/2005)

Policy Number: PL-P-03009-2021**NAMED INSURED & MAILING ADDRESS:**

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
At 12:01 a.m. Standard Time at your mailing address shown above.

Limits of Insurance	
Each Occurrence Limit	\$5,000,000
Products and Completed Operations Aggregate Limit	\$5,000,000
Personal and Advertising Injury Limit	\$5,000,000
General Aggregate Limit	Not Applicable
Damage to Premises Rented to You Limit	\$1,000,000 Any one fire
Deductible (Each Occurrence)	\$0
Premium	\$1,062.03

Optional Coverages**Forms and Endorsements:**

Refer to "IRFFNC Forms and Endorsements Schedule"

**Interlocal Risk Financing Fund of North Carolina
EMPLOYEE BENEFITS LIABILITY COVERAGE PART DECLARATIONS**

EBDEC (07/2005)

This coverage is a **CLAIMS MADE** Policy

Policy Number: PL-P-03009-2021

NAMED INSURED & MAILING ADDRESS:

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
At 12:01 a.m. Standard Time at your mailing address shown above.

Retroactive Date: 7/1/2017

This insurance does not apply to acts which occur before the Retroactive Date shown above.

Limit of Insurance	
Each Claim Limit	\$5,000,000
Annual Aggregate Limit for all Claims	\$5,000,000
Deductible (Each Claim)	\$1,000
Premium	\$25.00

Forms and Endorsements:

Refer to "IRFFNC Forms and Endorsements Schedule"

**Interlocal Risk Financing Fund of North Carolina
PUBLIC OFFICIALS LIABILITY COVERAGE PART DECLARATIONS**

POLDEC (07/2010)

This coverage is a **CLAIMS MADE** Policy

Policy Number: PL-P-03009-2021**NAMED INSURED & MAILING ADDRESS:**

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
At 12:01 a.m. Standard Time at your mailing address shown above.

Retroactive Date: 7/1/2017

This insurance does not apply to wrongful acts which occur before the Retroactive Date shown above.

Limits of Insurance	
Each Claim Limit	\$5,000,000
Annual Aggregate Limit for all Claims	\$5,000,000
Deductible (Each Claim)	\$10,000
Premium	\$600.00

Forms and Endorsements:

Refer to "IRFFNC Forms and Endorsements Schedule"

Interlocal Risk Financing Fund of North Carolina
EMPLOYMENT PRACTICES LIABILITY COVERAGE PART DECLARATIONS

EPLDEC (07/2010)

This coverage is a **CLAIMS MADE** Policy

Policy Number: PL-P-03009-2021

NAMED INSURED & MAILING ADDRESS:

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
At 12:01 a.m. Standard Time at your mailing address shown above.

Retroactive Date: 7/1/2017

This insurance does not apply to wrongful acts which occur before the Retroactive Date shown above.

Limits of Insurance	
Each Claim Limit	\$5,000,000
Annual Aggregate Limit for all Claims	\$5,000,000
Deductible (Each Claim)	\$10,000
Premium	\$700.00

Forms and Endorsements:

Refer to "IRFFNC Forms and Endorsements Schedule"

**Interlocal Risk Financing Fund of North Carolina
GOVERNMENT CRIME COVERAGE PART DECLARATIONS**

CRDEC (07/2012)

Policy Number: PL-P-03009-2021

NAMED INSURED & MAILING ADDRESS:

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
At 12:01 a.m. Standard Time at your mailing address shown above.

Limits of Insurance			
Other Insurance: Coverage Is Written On Excess Basis			
Employee Dishonesty	\$100,000	Limit - per Occurrence	
	\$250	Deductible - per Occurrence	
	\$156.17	Premium	
Forgery Or Alteration	\$100,000	Limit - per Occurrence	
	\$250	Deductible - per Occurrence	
	\$39.04	Premium	
Inside the Premises - Theft of Money and Securities	\$100,000	Limit - per Occurrence	
	\$250	Deductible - per Occurrence	
	\$510.00	Premium	
Outside the Premises	\$100,000	Limit - per Occurrence	
	\$250	Deductible - per Occurrence	
	\$204.00	Premium	

Public Official Scheduled Bond for Definite Term

Public Officials Bond			
Position	Limits of Insurance	Deductible	Premium
Executive Director	\$50,000	\$0	\$275.00

If "Coverage Not Provided" is inserted above opposite any specified Insuring Agreement, such Insuring Agreement and any other reference thereto in this policy is deleted.

Forms and Endorsements:

Refer to "IRFFNC Forms and Endorsements Schedule"

CANCELLATION OF PRIOR INSURANCE ISSUED BY US:

By acceptance of this Coverage Part you give us notice cancelling all prior policies. The cancellation to be effective at the time this Coverage Part becomes effective.

**Interlocal Risk Financing Fund of North Carolina
INLAND MARINE COVERAGE PART DECLARATIONS**

IMDEC (07/2005)

Policy Number: PL-P-03009-2021**NAMED INSURED & MAILING ADDRESS:**

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
At 12:01 a.m. Standard Time at your mailing address shown above.

Limits of Insurance		
MUNICIPAL EQUIPMENT	\$108,660	Limit
	\$1,000	Deductible per Occurrence
	\$697.91	Premium
COMPUTER EQUIPMENT & MEDIA	\$719,300	Limit
	\$500	Deductible per Occurrence
	\$2,155.15	Premium
FINE ARTS	\$50,000	Limit
	\$1,000	Deductible per Occurrence
	\$0.00	Premium
PORTABLE EQUIPMENT	Coverage Not Provided	

Forms and Endorsements:

Refer to "IRFFNC Forms and Endorsements Schedule"

**Interlocal Risk Financing Fund of North Carolina
PROPERTY COVERAGE PART DECLARATIONS**

PRDEC (07/2012)

Policy Number: PL-P-03009-2021**NAMED INSURED & MAILING ADDRESS:**

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022
At 12:01 a.m. Standard Time at your mailing address shown above.

BUILDING AND PERSONAL PROPERTY**LIMITS**

\$56,996,100	Limit
	Blanket Coverage for Buildings and Personal Property as listed on Property Schedule
\$5,000	Deductible per Occurrence
	Special policy provisions may apply to Flood, Earthquake and Named Windstorm
\$78,693.60	Premium

Refer to Property Schedule for Valuation Basis

OPTIONAL COVERAGES**Forms and Endorsements:**

Refer to "IRFFNC Forms and Endorsements Schedule"

**Interlocal Risk Financing Fund of North Carolina
BUSINESS AUTO DECLARATIONS**

BADEC (07/2005)

Item One**Policy Number:** PL-P-03009-2021**NAMED INSURED & MAILING ADDRESS:**

Lower Cape Fear Water & Sewer Authority
1107 New Pointe Blvd., Ste. 17
Leland, NC 28451

POLICY PERIOD: From: 07/01/2021 To: 07/01/2022

At 12:01 a.m. Standard Time at your mailing address shown above.

In return for the payment of the premium, and subject to all the terms of this policy, we agree with you to provide the insurance as stated in this policy

Forms and Endorsements attached to this policy:

Refer to "IRFFNC Forms and Endorsements Schedule"

Item Two**Schedule of Coverages and Covered Autos**

This policy provides only those coverages where a charge is shown in the premium column below. Each of these coverages will apply only to those "autos" shown as covered "autos". "Autos" are shown as covered "autos" for a particular coverage by the entry of one or more of the symbols from the Covered Autos Section of the Business Auto Coverage Form next to the name of the coverage.

Coverages	Covered Autos (Entry of one or more of the symbols from the Covered Autos Section of the Business Auto Coverage Form shows which autos are covered)	Limit (The most we will pay for any one accident or loss) Deductible (per accident)	Premium
Auto Liability	1	\$5,000,000 Limit \$1,000 Deductible	\$547.87
Uninsured Motorists	7	\$1,000,000 Limit \$1,000 Deductible	\$325.00
Physical Damage Comprehensive Coverage	7,8	Actual Cash Value or cost of repair whichever is less, minus the deductible for each covered auto as indicated on Business Auto Schedule. See Item Four for Hired or Borrowed "Autos".	\$100.00
Physical Damage Collision Coverage	7,8	Actual Cash Value or cost of repair whichever is less, minus the deductible for each covered auto as indicated on Business Auto Schedule. See Item Four for Hired or Borrowed "Autos".	\$156.77

Item Three**Schedule of Covered Autos You Own - Refer to Business Auto Schedule****Item Four****Schedule of Hired or Borrowed Covered Auto Coverage and Premiums**

Coverages	Limit of Insurance (The most we will pay for any one accident or loss)	Deductible For each covered auto	Premium
Hired or Borrowed Comprehensive	Actual Cash Value or cost of repair whichever is less, minus the deductible for each covered auto.	\$500	\$15.00
Hired or Borrowed Collision	Actual Cash Value or cost of repair whichever is less, minus the deductible for each covered auto.	\$1,000	\$15.00

Interlocal Risk Financing Fund of North Carolina

Property and Liability Insurance Trust administered by the NC League of Municipalities

Property Schedule

Named Insured: Lower Cape Fear Water & Sewer Authority

Policy No.: PL-P-03009-2021

Policy Period: 07/01/2021 to 07/01/2022

Site # Bldg #	Site Name Description	Address	Occupancy Code	Wind Territory Valuation Basis	Protection Class Construction Type	Square Feet Year Built	Effective Date Termination Date	Building Value	Personal Property Value	Total Insured Value
001 001	Kings Bluff Pump Station Control Bldg	246 Private Road Riegelwood, NC 28456	3000	3 RC	4 Masonry Non-Combustible	10,473 1984	07/01/2021 07/01/2022	14,117,100	40,000	14,157,100
001 002	Kings Bluff Pump Station Raw Water Intake- pipe & screens	246 Private Road Riegelwood, NC 28456	3000	3 RC	4 Non-Combustible	0 1984	07/01/2021 07/01/2022	1,800,000	0	1,800,000
001 003	Kings Bluff Pump Station Generator & Tank	246 Private Road Riegelwood, NC 28456	20110	3 RC	4 Non-Combustible	0 2008	07/01/2021 07/01/2022	92,800	0	92,800
001 005	Kings Bluff Pump Station Compressor Air Shed/Tank	246 Private Road Riegelwood, NC 28456	3000	3 RC	4 Frame	330 2004	07/01/2021 07/01/2022	216,800	0	216,800
001 006	Kings Bluff Pump Station Storage Bldg	246 Private Road Riegelwood, NC 28456	3000	2 RC	4 Frame	7,800 1996	07/01/2021 07/01/2022	226,600	35,000	261,600
001 007	Kings Bluff Pump Station Generator Building	246 Private Road Riegelwood, NC 28456	3000	3 RC	4 Non-Combustible	4,175 1962	07/01/2021 07/01/2022	8,000,000	0	8,000,000
001 008	Kings Bluff Pump Station Line Cleaner	246 Private Road Riegelwood, NC 28456	3000	3 RC	4 Non-Combustible	0 2004	07/01/2021 07/01/2022	200,000	0	200,000
001 009	Kings Bluff Pump Station 3 Surge/Storage Tanks	246 Private Road Riegelwood, NC 28456	3000	3 RC	4 Non-Combustible	0 1982	07/01/2021 07/01/2022	1,085,000	0	1,085,000
001 010	Kings Bluff Pump Station Compressed Air Shed/Tank	246 Private Road Riegelwood, NC 28456	3000	3 RC	4 Frame	100 1982	07/01/2021 07/01/2022	102,000	0	102,000
001 011	Kings Bluff Pump Station Radio Transmitter Tower & Equipment	246 Private Road Riegelwood, NC 28456	20070	3 RC	4 Non-Combustible	0 2004	07/01/2021 07/01/2022	300,000	0	300,000
001 012	Kings Bluff Pump Station House @ Pump Station	246 Private Road Riegelwood, NC 28456	1000	3 RC	4 Frame	1,748 1975	07/01/2021 07/01/2022	141,200	0	141,200
001 098	Kings Bluff Pump Station Prop. in Open- fence, gate, boardwalk	246 Private Road Riegelwood, NC 28456	20030	3 RC	4 Non-Combustible	0 1984	07/01/2021 07/01/2022	336,200	0	336,200

Interlocal Risk Financing Fund of North Carolina

Property and Liability Insurance Trust administered by the NC League of Municipalities

Property Schedule

Named Insured: Lower Cape Fear Water & Sewer Authority

Policy No.: PL-P-03009-2021

Policy Period: 07/01/2021 to 07/01/2022

Site # Bldg #	Site Name Description	Address	Occupancy Code	Wind Territory Valuation Basis	Protection Class Construction Type	Square Feet Year Built	Effective Date Termination Date	Building Value	Personal Property Value	Total Insured Value
001 099	Kings Bluff Pump Station Underground Piping	246 Private Road Riegelwood, NC 28456	3001	3 RC	4 Non-Combustible	0 1984	07/01/2021 07/01/2022	1,397,500	0	1,397,500
002 001	Control Building for reservoir	1460 Butler Road Leland, NC 28451	3000	2 RC	4 Masonry Non-Combustible	144 1980	07/01/2021 07/01/2022	62,200	0	62,200
002 002	Transmitter Tower	1460 Butler Road Leland, NC 28451	20070	2 RC	4 Non-Combustible	0 2000	07/01/2021 07/01/2022	297,000	0	297,000
002 003	3,000,000 Gal Water Tank	1460 Butler Road Leland, NC 28451	20020	2 RC	4 Fire Resistive	0 1986	07/01/2021 07/01/2022	3,500,000	0	3,500,000
002 004	Meter Vault	1460 Butler Road Leland, NC 28451	3000	2 RC	4 Fire Resistive	0 1980	07/01/2021 07/01/2022	35,000	0	35,000
002 005	Line Cleaner	1460 Butler Road Leland, NC 28451	3000	2 RC	4 Non-Combustible	0 2004	07/01/2021 07/01/2022	403,100	0	403,100
002 006	Pump Station	1460 Butler Road Leland, NC 28451	20010	2 RC	4 Fire Resistive	1,344 2010	07/01/2021 07/01/2022	1,261,300	0	1,261,300
002 007	Generator	1460 Butler Road Leland, NC 28451	20110	3 RC	4 Non-Combustible		07/01/2021 07/01/2022	6,500	0	6,500
004 001	Meter Vault & Controls #1	4600 Hwy 421 North Wilmington, NC 28401	3000	2 RC	2 Fire Resistive	88 1993	07/01/2021 07/01/2022	41,300	0	41,300
004 002	Meter Vault & Controls #2	4600 Hwy 421 North Wilmington, NC 28401	3000	2 RC	2 Fire Resistive	126 1984	07/01/2021 07/01/2022	41,300	0	41,300
004 003	Generator	4600 Hwy 421 North Wilmington, NC 28401	20110	3 RC	4 Non-Combustible		07/01/2021 07/01/2022	6,500	0	6,500
005 001	Meter Vault & Controls	4832 HWY 421 North Wilmington, NC 28401	3000	2 RC	2 Fire Resistive	99 1984	07/01/2021 07/01/2022	41,300	0	41,300
008 001	Office Condo Office	1107 New Pointe, Suite 17 Leland, NC 28451	1000	2 RC	4 Masonry Non-Combustible	2,912 2005	07/01/2021 07/01/2022	220,300	70,000	290,300

Interlocal Risk Financing Fund of North Carolina

Property and Liability Insurance Trust administered by the NC League of Municipalities

Property Schedule

Named Insured: Lower Cape Fear Water & Sewer Authority

Policy No.: PL-P-03009-2021

Policy Period: 07/01/2021 to 07/01/2022

Site # Bldg #	Site Name Description	Address	Occupancy Code	Wind Territory Valuation Basis	Protection Class Construction Type	Square Feet Year Built	Effective Date Termination Date	Building Value	Personal Property Value	Total Insured Value
010 001	Bladen Bluff WTP Admin Bldg	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Non-Combustible	5,829 2012	07/01/2021 07/01/2022	3,199,300	210,000	3,409,300
010 002	Bladen Bluff WTP High Service Pump Station	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Fire Resistive		07/01/2021 07/01/2022	800,000	0	800,000
010 003	Bladen Bluff WTP FILTER UNDERDRAIN SYSTEMS	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Fire Resistive	15,155 2012	07/01/2021 07/01/2022	5,673,100	0	5,673,100
010 004	Bladen Bluff WTP Recirc Pump Station	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Fire Resistive		07/01/2021 07/01/2022	600,000	0	600,000
010 005	Bladen Bluff WTP Wastewater Basin	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Non-Combustible		07/01/2021 07/01/2022	1,000,000	0	1,000,000
010 008	Bladen Bluff WTP GENERATOR	17014 NC Hwy 87 West Tarheel, NC 28451	20110	3 RC	6 Non-Combustible	0 2012	07/01/2021 07/01/2022	1,003,600	0	1,003,600
010 010	Bladen Bluff WTP GAC ADSORBERS	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Non-Combustible	0 2012	07/01/2021 07/01/2022	1,820,000	0	1,820,000
010 017	Bladen Bluff WTP CHEMICAL BLDG	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Non-Combustible	4,162 2012	07/01/2021 07/01/2022	2,360,100	0	2,360,100
010 029	Bladen Bluff WTP INTAKE SCREENS/AIR BURST SYSTEM	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Non-Combustible	0 2012	07/01/2021 07/01/2022	1,800,000	0	1,800,000
010 030	Bladen Bluff WTP RAW WATER PUMP STATION ELEC AND BLDG	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Fire Resistive	1,505 2012	07/01/2021 07/01/2022	2,500,000	0	2,500,000
010 032	Bladen Bluff WTP GENERATOR RAW WATER PUMP STATION	17014 NC Hwy 87 West Tarheel, NC 28451	20110	3 RC	6 Non-Combustible	0 2012	07/01/2021 07/01/2022	219,300	0	219,300
010 043	Bladen Bluff WTP STORAGE	17014 NC Hwy 87 West Tarheel, NC 28451	3000	3 RC	6 Non-Combustible	1,200 2012	07/01/2021 07/01/2022	84,900	50,000	134,900

Interlocal Risk Financing Fund of North Carolina

Property and Liability Insurance Trust administered by the NC League of Municipalities

Property Schedule

Named Insured: Lower Cape Fear Water & Sewer Authority

Policy No.: PL-P-03009-2021

Policy Period: 07/01/2021 to 07/01/2022

Site # Bldg #	Site Name Description	Address	Occupancy Code	Wind Territory Valuation Basis	Protection Class Construction Type	Square Feet Year Built	Effective Date Termination Date	Building Value	Personal Property Value	Total Insured Value
010	Bladen Bluff WTP	17014 NC Hwy 87 West Tarheel, NC 28451	20030	3	6	0	07/01/2021	319,800	0	319,800
098	PITO-Fencing & lights			RC	Non-Combustible	2012	07/01/2022			
010	Bladen Bluff WTP	17014 NC Hwy 87 West Tarheel, NC 28451	3001	3	6	0	07/01/2021	1,280,000	0	1,280,000
099	Underground Piping			RC	Non-Combustible	2012	07/01/2022			
Totals								56,591,100	405,000	56,996,100

Interlocal Risk Financing Fund of North Carolina

Property and Liability Insurance Trust administered by the NC League of Municipalities

Business Auto Schedule

Named Insured: Lower Cape Fear Water & Sewer Authority

Policy No.: PL-P-03009-2021

Fund: Interlocal Risk Financing Fund of North Carolina

Policy Period: 07/01/2021 to 07/01/2022

Department:

AL Limit: \$5,000,000

AL Deductible: \$1,000

UM/UM Limit:

UM/UM Deductible: \$1,000

Unit #	Make	Model/Description	Department	Asset Number	AL Eff Date	AL Term Date	Comp Coverage/ Deductible	Comp Eff Date	Comp Term Date	Valuation Type
Year	VIN	Class Code - Description			UM/UM Eff Date	UM/UM Term Date	Coll Coverage/ Deductible	Coll Eff Date	Coll Term Date	Value
4	GMC	Crew Cab			07/01/2021	07/01/2022	\$500	07/01/2021	07/01/2022	OCN
	2021	83767	21499 - Medium Truck Service - NOC		07/01/2021	07/01/2022	\$1,000	07/01/2021	07/01/2022	\$55,664
Totals										\$55,664

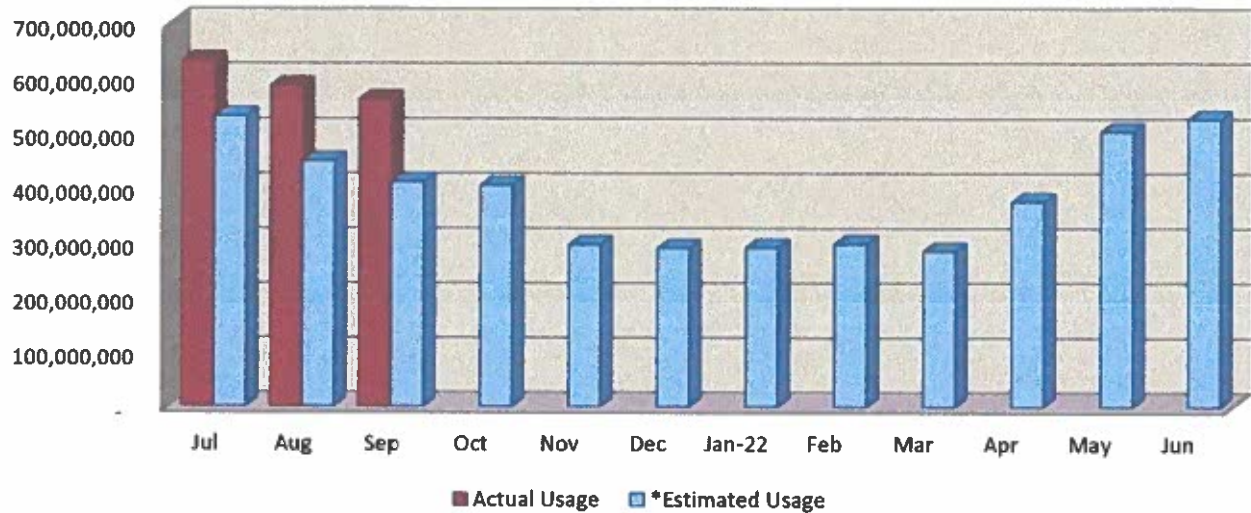
Department: Unknown

Unit #	Make	Model/Description	Department	Asset Number	AL Eff Date	AL Term Date	Comp Coverage/ Deductible	Comp Eff Date	Comp Term Date	Valuation Type
Year	VIN	Class Code - Description			UM/UM Eff Date	UM/UM Term Date	Coll Coverage/ Deductible	Coll Eff Date	Coll Term Date	Value
1	Chevrolet	Silverado 3/4 ton	Unknown		07/01/2021	07/01/2022	\$500	07/01/2021	07/01/2022	OCN
	2005	28110	01499 - Light Truck Service - NOC		07/01/2021	07/01/2022	\$1,000	07/01/2021	07/01/2022	\$28,000
2	Unknown	76 x 16 flatbed trailer	Unknown		07/01/2021	07/01/2022	\$500	07/01/2021	07/01/2022	OCN
	2008	98261	68499 - Trailers		07/01/2021	07/01/2022	\$1,000	07/01/2021	07/01/2022	\$1,800
3	Dodge	Ram	Unknown		07/01/2021	07/01/2022	\$500	07/01/2021	07/01/2022	OCN
	2012	53296	01499 - Light Truck Service - NOC		07/01/2021	07/01/2022	\$1,000	07/01/2021	07/01/2022	\$38,025
Unknown Totals										\$67,825
4										\$123,489

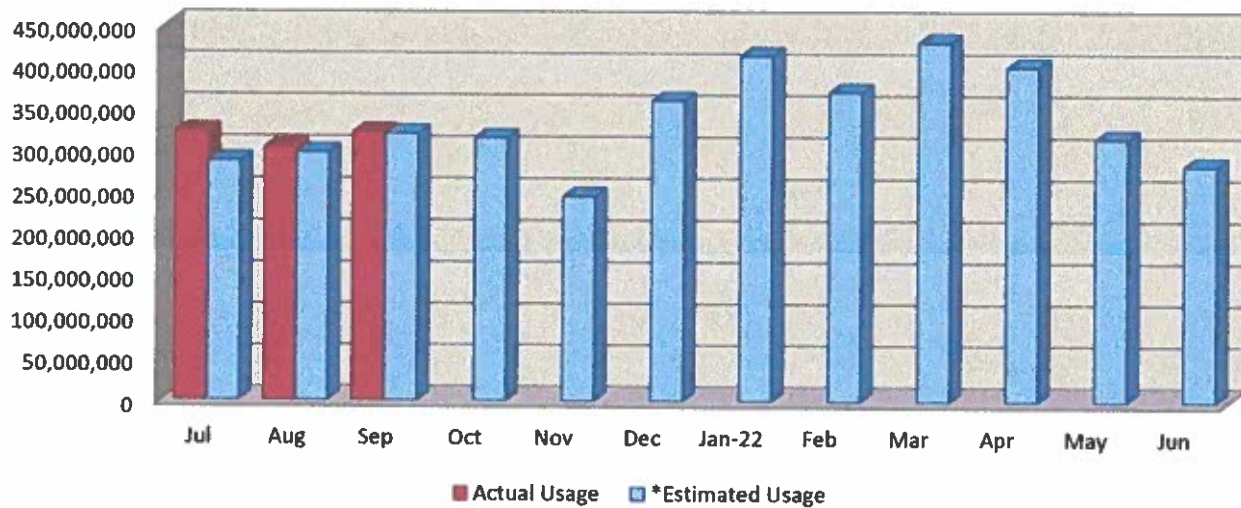
Interlocal Risk Financing Fund of North Carolina
PUBLIC OFFICIALS BOND SCHEDULE

Named Insured: Lower Cape Fear Water & Sewer Authority					Deductible Amount: \$0
Policy No.: PL-P-03009-2021					
Policy Period: 07/01/2021 to 07/01/2022					
Position	Description	Effective Date	Term Date	Limit Amount	
Executive Director		07/01/2021	07/01/2022	\$50,000.00	
1 Public Officials Bond Positions					

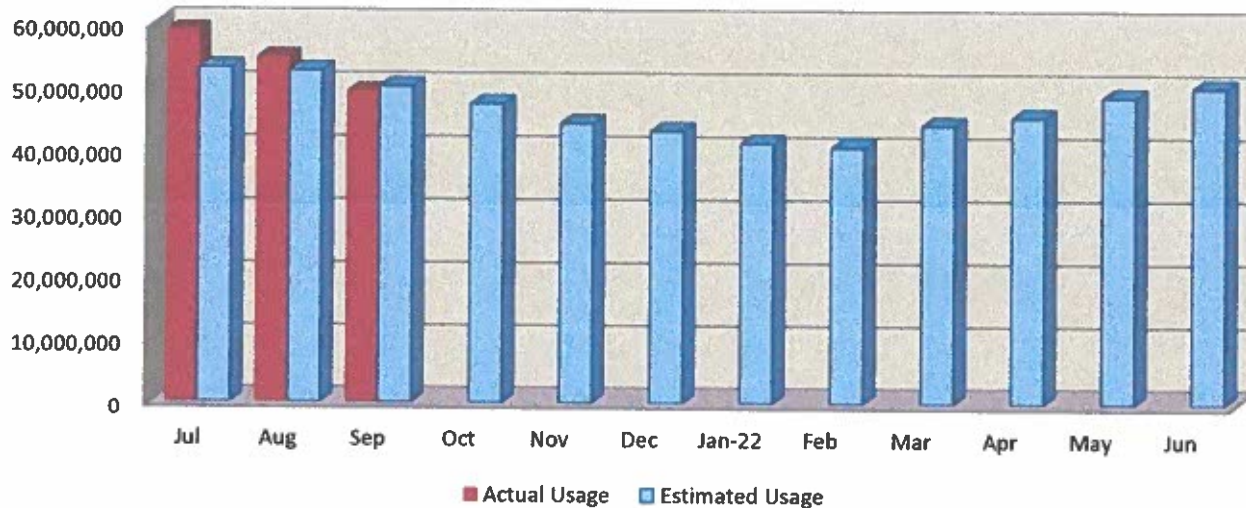
Brunswick County Water Usage FY 21-22



CFPUA Water Usage FY 21-22



Pender County Water Usage FY 21-22



OPERATING FUND BUDGET PERFORMANCE

Jul-1 through Aug-31

Income	Approved Annual Budget	Jul 1- Aug 31 Kings Bluff	Jul 1- Aug 31 Bladen Bluffs	Jul 1- Aug 31 OF BUDGET	Budget As of 8/31/21
3000-01 - OPERATING REVENUE					
3001-01 - 01 Bruns County Public Utility	1,491,553	401,882		401,882	27%
3002-01 - 01 CFPUA	1,296,405	206,770		206,770	16%
3003-01 - 01 Pender County	179,822	37,558		37,558	21%
3004-01 - 01 HWY 421 - Invista	40,000	7,831		7,831	20%
3005-01 - 01 Praxair, Inc	4,314	435		435	10%
3006-01 - 01 Bladen Bluffs Revenue	3,194,127		442,568	442,568	14%
Bladen Admin Reimb	94,302		21,167	21,167	22%
3007-01 - Sales Tax Refund Revenue	70,000		0	0	0%
Total 3000-01 - OPERATING REVENUE	6,370,523	654,476	463,735	1,118,211	18%
3100-00 - OF NONOPERATING REVENUE					
3120-00 - Revenue-Other					
Interest & Investment Revenue	2,000	176		176	9%
FEMA Reimbursement	0	0		0	0%
Refunds / Insurance Proceeds/ Other	0	0		0	0%
3156-00 - Rental Income	0	2,529		2,529	
3900-01 R&R Fund Appropriated	0	0		0	0%
2900-00 Fund Balance	0	0		0	0%
Total 3100-00 - OF NONOPERATING REVENUE	2,000	2,529	0	2,529	126%
Total Income	6,372,523	657,006	463,735	1,120,741	18%
Expense					
4000-01 - ADMINISTRATION EXPENDITURES					
4001-01 - Salary - gross	168,610	17,447	8,431	25,878	15%
4010-01 - Per Diem= mileage+per diem pay	62,500	5,838	3,131	8,969	14%
4012-01 - Vehicle Allowance	5,200	540	260	800	15%
4070-02 - Phone Allowance	520	54	26	80	15%
4015-01 - Payroll Taxes	17,967	1,774	900	2,674	15%
4029-01 - Retirement Employer's Part	18,379	2,153	919	3,072	17%
4035-01 - 401K Employer PD Contribution	4,758	555	238	793	17%
4036-01 - Payroll Processing Exp	2,900	382		382	13%
4038-01 - Insurance Group	40,910	3,881	1,813	5,694	14%
4039-01 - Insurance, Property	87,000	82,929	4,350	87,279	100%
4046-00 - Professional Services General	15,000	0	0	0	0%
4046-01 - Attorney	30,000	2,136		2,136	7%
4046-02 - Auditor	9,000	1,200	2,800	4,000	44%
4046-03 - Engineer	55,000	250	0	250	0%
4049-01 Information Technology	10,000	5,415	0	5,415	54%
4055-01 - Office Maint/Repair	17,000	95		95	1%
4058-01 - Office Utilities	7,000	243		243	3%
4059-01 - Office Expense	30,800	3,234		3,234	11%
4062-01 - Office Equipment	2,500	2,011		2,011	80%
4064-01 - Printing & Advertising	500	0		0	0%
4065-01 - Telephone and Internet	1,200	191		191	16%
4070-01 - Travel & Training	17,500	4,392		4,392	25%
4080-01 - Miscellaneous Expenses	15,000	7,280		7,280	49%
Total 4000-01 - ADMINISTRATION EXPENDITURES	619,244	142,001	22,867	164,868	27%
4500-01 - OPERATING EXPENDITURES					
4501-00 - Sales Tax Expense - Other	70,000		26,960	26,960	39%
4510-01 - Bladen Bluffs Expenses	1,889,330		571,006	571,006	30%
4520-01 - Utilities-Energy Pump Station	789,667	94,808		94,808	12%
4530-01 - Kings Bluff O&M Expenses	453,609	34,081		34,081	8%
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%
Total 4500-01 - OPERATING EXPENDITURES	5,753,279	132,809	989,341	1,122,250	20%
Total Expense	6,372,523	274,910	1,012,208	1,287,117	20%

Executive Director Highlighted Activities:

- Worked with McKim and Creed, CFPUA, Brunswick County utilities, and Pender County Utilities on a presentation for the upcoming NC-AWWA-WEA conference in November.
- Take or Pay Draft discussions with Partners was held on September 14, and any further action on hold until a revised Capital Improvement Plan can be reviewed.
- Continue working with Sean Kenyon, McKim and Creed to update costs and time schedules associated with a CIP update.
- Attended meeting with CFPUA and Colonel Benjamin Bennett of the USACE to review status of the Lock and Dams. In summary, the report is still under local review with no action anticipated for 24 months.
- Presented 50th Anniversary Plaques to Brunswick County on September 20, 2021, and Columbus County on October 4, 2021.
- Partnered with CFPUA and had a booth at the Wilmington Business Expo on October 7, 2021.

Closed Session (CS1)

**Lower Cape Fear Water &
Sewer Authority**

AGENDA ITEM

To: CHAIRMAN LEONARD AND BOARD MEMBERS

From: TIM H. HOLLOMAN, EXECUTIVE DIRECTOR

Date: October 11, 2021

Re: Closed Session in Accordance with N.C.G.S. Sec.143-318.11 (a)(3) for the Purpose of Discussion with General Counsel Regarding Litigation Involving Chemours (Matthew Nichols, General Counsel)

The Chairman has requested a Closed Session in accordance with the referenced above.

A motion is made by _____ to go into a closed session in accordance with North Carolina General Statute Section 143-318.11 (a)(3) for the Purpose of Discussion with the Authority's General Counsel Regarding Litigation Involving Cape Fear Public Utility Authority, Brunswick County, Lower Cape Fear Water & Sewer Authority, and Town of Wrightsville Beach v. The Chemours Company FC, LLC, E.I. Du Pont De Nemours and Company, and The Chemours Company; Case No. 7:17-CV-00195-D and Case No. 7:17-CV-00209-D, United States District Court for the Eastern District of North Carolina, Southern Division. (Matthew Nichols, General Counsel)

The motion is seconded by _____.

Closed Session

A motion is made by _____ to return to open session.

The motion is seconded by _____.