

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

**STAFF CONFERENCE AGENDA
September 7, 2021**

***IMPORTANT NOTE: STAFF CONFERENCE
WILL BE CONDUCTED VIA WEBEX.
INSTRUCTIONS FOR PARTICIPATION AND A LINK TO VIEW
THE MEETING WILL BE POSTED ON THE COMMISSION'S
WEBSITE, NCUC.NET***

COMMISSION STAFF

NO AGENDA ITEMS

PUBLIC STAFF

D. ELECTRIC

P1. [APPLICATIONS FOR CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT SOLAR FACILITIES](#)

E. WATER

P1. [DOCKET NO. W-218, SUB 526A – AQUA NORTH CAROLINA, INC. – APPLICATIONS FOR APPROVAL TO IMPLEMENT SECONDARY WATER QUALITY SYSTEM IMPROVEMENT PROJECTS EXHIBIT NO. P-1](#)

P2. [DOCKET NO. W-354, SUB 391 – CAROLINA WATER SERVICE, INC. OF NORTH CAROLINA – REQUEST FOR TARIFF REVISION EXHIBIT NO. P-2](#)

P3. [DOCKET NO. W-354, SUB 392 – CAROLINA WATER SERVICE, INC. OF NORTH CAROLINA – REQUEST FOR TARIFF REVISION EXHIBIT NO. P-3](#)

TO: Agenda – Commission Conference – September 7, 2021
FROM: PUBLIC STAFF – North Carolina Utilities Commission

D. ELECTRIC

P1. APPLICATIONS FOR CERTIFICATES OF PUBLIC CONVENIENCE AND NECESSITY TO CONSTRUCT SOLAR FACILITIES

EXPLANATION: The following applications seek to renew certificates of public convenience and necessity for construction of solar photovoltaic (PV) electric generating facilities pursuant to N.C. Gen. Stat. § 62-110.1 and Commission Rule R8-64.

Duke Energy Progress, LLC:

- Docket No. SP-7622, Sub 0 – Application of Banner Solar, LLC, to amend and renew the certificate of public convenience and necessity to construct a 5-MW solar PV facility in Johnston County, North Carolina (registration statement issued previously).
- Docket No. SP-7918, Sub 0 – Application of Beckwith Solar, LLC, to renew the certificate of public convenience and necessity to construct a 5-MW solar PV facility in Columbus County, North Carolina (registration statement issued previously).
- Docket No. SP-7932, Sub 0 – Application of Selwyn Farm, LLC, to renew the certificate of public convenience and necessity to construct a 5-MW solar PV facility in Anson County, North Carolina (registration statement issued previously).
- Docket No. SP-8189, Sub 0 – Application of Aberdeen Farm, LLC, to amend and renew the certificate of public convenience and necessity to construct a 5-MW solar PV facility in Scotland County, North Carolina (registration statement issued previously).

The Public Staff has reviewed the applications and determined that they comply with the requirements of N.C.G.S. § 62-110.1 and Commission Rule R8-64.

RECOMMENDATION: (D. Williamson/Sailor) That the Commission issue orders approving the applications and issuing the requested amended and renewed certificates for the facilities. Proposed orders have been provided to the Commission Staff.

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E. WATER

P1. DOCKET NO. W-218, SUB 526A – AQUA NORTH CAROLINA, INC. – APPLICATIONS FOR APPROVAL TO IMPLEMENT SECONDARY WATER QUALITY SYSTEM IMPROVEMENT PROJECTS

EXPLANATION: On April 14, May 17, July 2, August 5, and August 20, 2021, Aqua North Carolina, Inc. (Aqua) filed Applications for Approval to Implement Secondary Water Quality System Improvement Projects Pursuant to N.C. Gen. Stat. § 62-133.12 and Commission Rule R7-39 (Applications). The six projects and the estimated costs are summarized below.

<u>System</u>	<u>County</u>	<u>Approved Pumping Capacity Gallons Per Minute</u>	<u>Aqua Estimated Cost (Thousands of \$)</u>
Spring Shores Well 2	Iredell	50	\$272-\$297
Martindale Well 3	Wake	60	\$325-\$350
Carden’s Creek Wells 1 and 2	Durham	56	\$470-\$495
Bayleaf Farms Well 1	Wake	117	\$330-\$355
Royal Senter Ridge Well 1	Wake	68	\$390-\$415 ¹
Royal Senter Ridge Wells 2 and 3	Wake	128	\$370-\$395
Total			\$2.157-\$2.307 Million

On August 30, 2021, the Public Staff – North Carolina Utilities Commission (Public Staff) filed its Report and Recommendations regarding Aqua’s Applications. The Public Staff stated that it had thoroughly reviewed the filter projects proposed by Aqua and, based on its review of the Applications, the Public Staff determined that, for these projects, the filters are necessary for Aqua to provide adequate secondary standard water quality.

The Public Staff recommends that the Commission approve Aqua’s implementation of the proposed secondary water quality projects.

EXHIBIT: A proposed order is attached as [Exhibit No. P-1](#).

RECOMMENDATION: (Junis/Jost) That the Commission issue the proposed order authorizing Aqua to implement its six proposed filtration projects to comply with secondary water quality standards.

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¹ In a discovery response provided to the Public Staff on March 23, 2021, the Company estimated that the interconnection of the Branston and Royal Senter Ridge distribution systems and separate filtration at Royal Senter Ridge Well 1 and Royal Senter Ridge Wells 2 and 3 would cost \$680,000.

P2. DOCKET NO. W-354, SUB 391 – CAROLINA WATER SERVICE, INC. OF NORTH CAROLINA – REQUEST FOR TARIFF REVISION

EXPLANATION: On July 28, 2021, Carolina Water Service, Inc. of North Carolina (CWSNC), filed a letter with the North Carolina Utilities Commission (Commission) pursuant to N.C. Gen. Stat. § 62-133.11, requesting authority to amend its tariff for the purpose of passing along to sewer customers in the Mt. Carmel service area in Buncombe County an increase in the cost of purchasing sewage treatment from the Metropolitan Sewerage District of Buncombe County (MSD). N.C.G.S. § 62-133.11(a) provides that the Commission shall allow a water or sewer utility to adjust its rates approved pursuant to N.C.G.S. § 62-133 to reflect changes in its costs based solely on changes in the rates imposed by third-party suppliers of purchased water or sewer service.

CWSNC states that MSD increased its usage charge for sewage treatment by \$0.19 per 1,000 gallons, increasing the rate from \$6.32 to \$6.51 per 1,000 gallons, and increased the monthly base facility charge by \$0.20 per sewer customer from \$7.29 to \$7.49. The change was effective on July 1, 2021.

The Public Staff – North Carolina Utilities Commission (Public Staff) has reviewed MSD's current rates and recommends that CWSNC's request for a tariff revision be approved.

The new rate would increase the average residential monthly sewer bill (< 1 inch meter) from \$65.15 to \$65.85, based on an average usage of 2,630 gallons. The average usage was determined in Exhibit 18 of the Testimony of Gina Y. Casselberry, Advanced Utilities Engineer, Public Staff Water, Sewer, and Telephone Division, filed on November 4, 2019, in Docket No. W-354, Sub 364.

EXHIBIT: A proposed order is attached as [Exhibit No. P-2](#).

RECOMMENDATION: (Casselberry/Henry/Magarira) That the proposed order be issued approving the recommended tariff revision.

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P3. DOCKET NO. W-354, SUB 392 – CAROLINA WATER SERVICE, INC. OF NORTH CAROLINA – REQUEST FOR TARIFF REVISION

EXPLANATION: On July 28, 2021, Carolina Water Service, Inc. of North Carolina (CWSNC), filed a letter with the North Carolina Utilities Commission (Commission) pursuant to N.C. Gen. Stat. § 62-133.11, requesting authority to amend its tariff for the purpose of passing along to sewer customers in its College Park service area in Gaston County an increase in the cost of purchasing sewage treatment from the Town of Dallas. N.C.G.S. § 62-133.11(a) provides that the Commission shall allow a water or sewer utility to adjust its rates approved pursuant to N.C.G.S. § 62-133 to reflect changes in its costs based solely on changes in the rates imposed by third-party suppliers of purchased water or sewer service.

CWSNC states that the Town of Dallas increased its usage charge for sewage treatment by \$0.44 per 1,000 gallons, increasing the rate from \$7.33 to \$7.77 per 1,000 gallons. The change was effective on July 1, 2021.

The Public Staff – North Carolina Utilities Commission (Public Staff) has reviewed the Town of Dallas' current rates and recommends that CWSNC's request for a tariff revision be approved.

The new rate would increase the average residential monthly sewer bill (< 1 inch meter) from \$70.32 to \$72.06, based on an average usage of 3,967 gallons. The average usage was determined in Exhibit 18 of the Testimony of Gina Y. Casselberry, Advanced Utilities Engineer, Public Staff Water, Sewer, and Telephone Division, filed on November 4, 2019, in Docket No. W-354, Sub 364.

EXHIBIT: A proposed order is attached as [Exhibit No. P-3](#).

RECOMMENDATION: (Casselberry/Henry/Magarira) That the proposed order be issued approving the recommended tariff revision.

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**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. W-218, SUB 526A

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of)	
Reporting Requirements from Docket No.)	
W-218, Sub 526A – Applications by Aqua)	
North Carolina, Inc., 202 MacKenan Court,)	ORDER APPROVING
Cary, North Carolina 27511, for Approval)	SECONDARY WATER QUALITY
to Implement Secondary Water Quality)	IMPROVEMENT PROJECTS
System Improvement Projects Pursuant to)	
N.C. Gen. Stat. § 62-133.12)	

BY THE COMMISSION: N.C. Gen. Stat. § 62-133.12 authorizes the Commission in a general rate case proceeding to approve a rate adjustment mechanism to allow water and sewer utilities to recover the incremental depreciation expense and capital costs associated with reasonable and prudently incurred investments in eligible water and sewer system improvements. By Order issued May 2, 2014, in Docket No. W-218, Sub 363, the Commission approved Aqua North Carolina, Inc.'s (Aqua) request to utilize a Water System Improvement Charge/Sewer System Improvement Charge (WSIC/SSIC) mechanism pursuant to N.C.G.S. § 62-133.12, finding that the mechanism is in the public interest.

Commission Rules R7-39(f) and R10-26(f) provide that once WSIC/SSIC mechanisms are approved and eligible water and sewer system improvements are in service, the utility (in this case, Aqua) may file a request with the Commission for authority to impose water and sewer system improvement charges pursuant to the mechanisms.

N.C.G.S. § 62-133.12(c)(2) and (c)(4) provide, in pertinent part, that specific approval from the Commission is necessary before Aqua may undertake and recover its incremental depreciation expense and capital costs through the WSIC mechanism for eligible water system improvements implemented to comply with secondary drinking water standards.

On April 14, May 17, July 2, August 5, and August 20, 2021, Aqua filed applications for approval to implement secondary water quality system improvement projects pursuant to N.C.G.S. § 62-133.12 and Commission Rule R7-39 (Applications). The six projects and the estimated costs are summarized below.

<u>System</u>	<u>County</u>	<u>Approved Pumping Capacity Gallons Per Minute</u>	<u>Aqua Estimated Cost (Thousands of \$)</u>
Spring Shores Well 2	Iredell	50	\$272-\$297
Martindale Well 3	Wake	60	\$325-\$350
Carden's Creek Wells 1 and 2	Durham	56	\$470-\$495
Bayleaf Farms Well 1	Wake	117	\$330-\$355
Royal Senter Ridge Well 1	Wake	68	\$390-\$415 ¹
Royal Senter Ridge Wells 2 and 3	Wake	128	\$370-\$395
Total			\$2.157-\$2.307 Million

On August 30, 2021, the Public Staff – North Carolina Utilities Commission (Public Staff) filed its Secondary Water Quality Report and Recommendations regarding Aqua’s Applications. The Public Staff stated that it had reviewed the filter projects proposed by Aqua. Based upon its review of documents and other information provided by Aqua, site visits, and discussions with customers and Aqua’s engineers and operations managers, the Public Staff recommended that the Commission approve the implementation of the proposed secondary water quality projects.

In recommending approval of the projects, the Public Staff advised that decisions to install filters, such as manganese dioxide filters, should be made judiciously because installing these filters is many times more costly than sequestration coupled with adequate flushing. According to the Public Staff, the annual revenue requirement increase for the minimum estimated capital expenditure of \$2,157,000 for these six filtration systems is approximately \$263,986 compared to the annual revenue requirement for the chemical cost for sequestration of approximately \$1,768. The Public Staff stated that the sequestration treatment of iron and manganese with polyphosphates and orthophosphates on water from North Carolina water wells, coupled with comprehensive water main flushing programs, has provided adequate secondary standard water quality on many water systems at a very reasonable cost. Testing to determine whether the iron and manganese are soluble (clear liquid) or insoluble (solid particles and visible) in raw untreated water at the well head, after treatment with polyphosphate/orthophosphate or SeaQuest® at the entry point, and in the distribution system, has been widely used in North Carolina for many years and provides extremely valuable information to assist in evaluations of whether filtration is necessary. These measures are exponentially less expensive than the installation of an iron and manganese filtration system.

¹ In a discovery response provided to the Public Staff on March 23, 2021, the Company estimated that the interconnection of the Branston and Royal Senter Ridge distribution systems and separate filtration at Royal Senter Ridge Well 1 and Royal Senter Ridge Wells 2 and 3 would cost \$680,000.

The Public Staff recognized, however, that for secondary water quality issues of considerable magnitude and consistency, sequestration treatment and flushing may not be effective and filtration may be necessary. As discussed in previous reports, the Public Staff strongly supports the implementation of two secondary water quality processes: a comprehensive customer education program and a comprehensive water main flushing program.

In summary, the Public Staff stated that it will continue to carefully and thoroughly review secondary water quality information and documentation presented by Aqua (including participating in meetings with Aqua engineers and operations managers), conduct selected site visits, discuss secondary water quality issues with customers, and, when appropriate, recommend Commission approval of equipment and infrastructure installations.

The Public Staff presented this matter to the Commission at its Staff Conference on September 7, 2021. The Public Staff stated that the proposed filters are necessary for Aqua to provide adequate secondary standard water quality and, as such, the Public Staff recommended that the Commission approve Aqua's proposed secondary water quality projects.

Based upon the foregoing, Aqua's Applications, the Public Staff's Secondary Water Quality Report and Recommendations regarding Aqua's Applications, and the entire record in this matter, the Commission finds and concludes that Aqua should proceed to implement secondary standard water quality improvements through the installation of Aqua's proposed filtration projects.

IT IS, THEREFORE, ORDERED that Aqua North Carolina, Inc., is authorized to implement the six filtration projects proposed in its April 14, May 17, July 2, August 5, and August 20, 2021, Applications to comply with secondary water quality standards.

ISSUED BY ORDER OF THE COMMISSION.

This the ____ day of September, 2021.

NORTH CAROLINA UTILITIES COMMISSION

A. Shonta Dunston, Chief Clerk

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**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. W-354, SUB 391

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of)	
Application of Carolina Water Service, Inc. of North Carolina, 4944 Parkway Plaza Boulevard, Suite 375, Charlotte, North Carolina, 28217, for Authority to Amend Its Tariff to Increase Rates for Providing Sewer Utility Service in the Mt. Carmel Service Area in Buncombe County, North Carolina)	ORDER APPROVING TARIFF REVISION AND REQUIRING CUSTOMER NOTICE

BY THE COMMISSION: On July 28, 2021, Carolina Water Service, Inc. of North Carolina (CWSNC or Company), filed a letter with the North Carolina Utilities Commission (Commission) pursuant to N.C. Gen. Stat. § 62-133.11, requesting authority to amend its tariff for the purpose of passing along to sewer customers in the Mt. Camel service area in Buncombe County an increase in the cost of purchasing sewage treatment from the Metropolitan Sewerage District of Buncombe County (MSD). N.C.G.S. § 62-133.11(a) provides that the Commission shall allow a water or sewer utility to adjust its rates approved pursuant to N.C.G.S. § 62-133 to reflect changes in its costs based solely on changes in the rates imposed by third-party suppliers of purchased water or sewer service.

CWSNC stated that, effective July 1, 2021, MSD increased its usage charge for sewer service by \$0.19 per 1,000 gallons, increasing the rate from \$6.32 to \$6.51 per 1,000 gallons, and increased the monthly base facility charge by \$0.20 per sewer customer from \$7.29 to \$7.49. CWSNC requested to increase the commodity charge and the base facility charge applicable to its sewer customers in the Mt. Carmel service area for service rendered on and after the date of this order. The requested increase passes along the aforementioned increase in the cost of purchasing sewer service from MSD.

The Public Staff – North Carolina Utilities Commission (Public Staff) presented this matter at the Commission’s Staff Conference on September 7, 2021. The Public Staff stated that (1) it has reviewed MSD’s current rates and the Company’s request and (2) recommended that the tariff revision be approved for service rendered on and after the date of this order. The Public Staff further stated that the new rates will increase the average residential monthly sewer bill (< 1 inch meter) from \$65.15 to \$65.85, based on an average usage of 2,630 gallons. The average usage was determined in Exhibit 18 of the Testimony of Gina Y. Casselberry, Advanced Utilities Engineer, Public Staff Water,

Sewer, and Telephone Division, filed on November 4, 2019, in Docket No. W-354, Sub 364.

Based upon the foregoing, the Commission concludes that the tariff revision should be approved.

IT IS, THEREFORE, ORDERED as follows:

1. That Carolina Water Service, Inc. of North Carolina is granted a tariff revision for sewer utility service in the Mt. Carmel service area in Buncombe County, North Carolina, as set forth herein;

2. That the Schedule of Rates, attached hereto as Appendix A, is approved and is deemed filed with the Commission pursuant to N.C.G.S. § 62-138. This Schedule of Rates shall become effective for service rendered on and after the date of this Order;

3. That a copy of the Notice to Customers, attached hereto as Appendix B, shall be mailed with sufficient postage or hand delivered by the Company to all its affected customers in the Mt. Carmel service area contemporaneously with the next billing of customers; and

4. That the Company shall file the attached Certificate of Service, properly signed and notarized, not later than ten days after the Notice to Customer is mailed or hand delivered to customers.

ISSUED BY ORDER OF THE COMMISSION.

This the _____ day of September, 2021.

NORTH CAROLINA UTILITIES COMMISSION

A. Shonta Dunston, Chief Clerk

SCHEDULE OF RATES

for

CAROLINA WATER SERVICE, INC. OF NORTH CAROLINA

for providing water and sewer utility service

in

ALL OF ITS SERVICE AREAS IN NORTH CAROLINA

(excluding Fairfield Harbour Service Area, Treasure Cove, Register Place Estates, North Hills, Glen Arbor/North Bend, Bradfield Farms, Silverton, Woodland Farms, and Larkhaven Subdivisions, and Hawthorne at the Green Apartments)

WATER RATES AND CHARGES

Monthly Metered Water Service (Residential and Commercial):

Base Facility Charge (based on meter size with zero usage)

< 1" meter	\$ 28.92
1" meter	\$ 72.30
1 1/2" meter	\$ 144.60
2" meter	\$ 231.36
3" meter	\$ 433.80
4" meter	\$ 723.00
6" meter	\$1,446.00

Usage Charge:

A. Treated Water/1,000 gallons	\$ 8.27
B. Untreated Water/1,000 gallons (Brandywine Bay Irrigation Water)	\$ 4.23

C. Purchased Water for Resale, per 1,000 gallons:

<u>Service Area</u>	<u>Bulk Provider</u>		
Carolina Forest	Montgomery County	\$	3.19
High Vista Estates	City of Hendersonville	\$	4.72
Riverbend	Town of Franklin	\$	8.10
Riverpointe	Charlotte Water	\$	7.07
Whispering Pines	Town of Southern Pines	\$	3.52
White Oak Plantation/ Lee Forest	Johnston County	\$	3.02
Winston Plantation	Johnston County	\$	3.02
Winston Pointe	Johnston County	\$	3.02
Woodrun	Montgomery County	\$	3.19
Yorktown	City of Winston Salem	\$	5.79
Zemosa Acres	City of Concord	\$	5.52
Carolina Trace	City of Sanford	\$	2.21

Commercial customers, including condominiums or other property owner associations who bill their members directly, shall have a separate account set up for each meter and each meter shall be billed separately based on the size of the meter and usage associated with the meter.

When because of the method of water line installation utilized by the developer or owner, it is impractical to meter each unit or other structure separately, the following will apply:

Sugar Mountain Service Area:

Where service to multiple units or other structures is provided through a single meter, the average usage for each unit or structure served by that meter will be calculated. Each unit or structure will be billed based upon that average usage plus the base monthly charge for a <1” meter.

Mount Mitchell Service Area:

Service will be billed based upon the Commission-approved monthly flat rate.

Monthly Flat Rate Service: (Billed in Arrears) \$ 58.54

Availability Rate: (Semiannual)

Applicable only to property owners in Carolina Forest
and Woodrun Subdivisions in Montgomery County \$ 27.15

Availability Rate: (Monthly)

Applicable only to property owners in Linville Ridge
Subdivision \$ 13.60

Availability Rate: (Monthly rate, billed semiannually)

Applicable only to property owners in Fairfield Sapphire
Valley Service Area \$ 10.05

Availability Rate: (Monthly rate, billed quarterly)

Applicable only to property owners in Connestee Falls \$ 5.30

Meter Testing Fee: ^{1/} \$ 20.00

New Water Customer Charge: \$ 27.00

Reconnection Charge: ^{2/}

If water service is cut off by utility for good cause \$ 42.00

If water service is discontinued at customer's request \$ 42.00

Reconnection Charge: ^{3/}(Flat-rate water customers)

If water service is cut off by utility for good cause Actual Cost

Management Fee: (in the following subdivisions only)

(Per connection)

Wolf Laurel \$150.00

Covington Cross Subdivision (Phases 1 & 2) \$100.00

Oversizing Fee: (in the following subdivision only)

(One-time charge per single-family equivalent)
Winghurst \$400.00

Meter Fee:

For <1" meters	\$ 50.00
For meters 1" or larger	Actual Cost

Irrigation Meter Installation:

Actual Cost

SEWER RATES AND CHARGES

Monthly Metered Sewer Service:

A. Base Facility Charge:

Residential (zero usage) \$ 58.91

Commercial (based on meter size with zero usage)

< 1" meter	\$ 58.91
1" meter	\$ 147.28
1 1/2" meter	\$ 294.55
2" meter	\$ 471.28
3" meter	\$ 883.65
4" meter	\$1,472.75
6" meter	\$2,945.50

B. Usage charge, per 1,000 gallons \$ 4.59

Commercial customers, including condominiums or other property owner associations who bill their members directly, shall have a separate account set up for each meter and each meter shall be billed separately based on the size of the meter and usage associated with the meter.

Monthly Metered Purchased Sewer Service:

Collection Charge (Residential and Commercial) \$ 41.24

Usage charge, per 1,000 gallons
(based on purchased water consumption)

<u>Service Area</u>	<u>Bulk Provider</u>		
White Oak Plantation/ Lee Forest/Winston Pt.	Johnston County	\$	6.45
Kings Grant	Two Rivers Utilities	\$	4.39
College Park	Town of Dallas	\$	7.77

Monthly Flat Rate Service: \$ 73.73

Multi-residential customers who are served by a master meter shall be charged the flat rate per unit. \$ 73.73

Mt. Carmel Subdivision Service Area:

Monthly Base Facility Charge \$ 7.49

Monthly Collection Charge
(Residential and Commercial) \$ 41.24

Usage Charge, per 1,000 gallons
(based on metered water from the water supplier) \$ 6.51

Regalwood and White Oak Estates Subdivision Service Area:

Monthly Flat Rate Sewer Service

Residential Service	\$ 73.73
White Oak High School	\$2,187.33
Child Castle Daycare	\$ 280.41
Pantry	\$ 153.76

Fairfield Mountain/Apple Valley (a.k.a. Rumbling Bald) Service Area, and Highland Shores Subdivision:

Monthly Sewer Rates:

Residential

Collection charge/dwelling unit	\$ 41.24
Treatment charge/dwelling unit	\$ 90.00
Total monthly flat rate/dwelling unit	<u>\$ 131.24</u>

Commercial and Other:

Minimum monthly collection and treatment charge	\$ 131.24
Monthly collection and treatment charge for customers who do not take water service	\$ 131.24
Treatment charge per dwelling unit	
Small (less than 2,500 gallons per month)	\$ 103.00
Medium (2,500 to 10,000 gallons per month)	\$ 182.00
Large (over 10,000 gallons per month)	\$ 286.00
Collection Charge (per 1,000 gallons)	\$ 13.93

The Ridges at Mountain Harbour:

Monthly Sewer Rates:

Collection charge (Residential and Commercial)	\$ 41.24
Treatment charge (Residential and Commercial)	
< 1" meter	\$ 18.42
2" meter	\$ 147.36

Availability Rate: (Monthly rate, billed semiannually)

Applicable only to property owners in Fairfield Sapphire Valley Service Area	\$ 10.20
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Availability Rate: (Monthly rate, billed quarterly)

Applicable only to property owners in Connestee Falls	\$ 5.75
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New Sewer Customer Charge: ^{4/} \$ 27.00

Reconnection Charge: ^{5/}

If sewer service is cut off by utility for good cause: Actual Cost

MISCELLANEOUS UTILITY MATTERS

<u>Charge for processing NSF Checks:</u>	\$ 25.00
<u>Bills Due:</u>	On billing date
<u>Bills Past Due:</u>	21 days after billing date
<u>Billing Frequency:</u>	Bills shall be rendered monthly in all service areas, except for Mt. Carmel, which will be billed bimonthly. Availability rates will be billed quarterly in advance for Connestee Falls, semiannually in advance for Carolina Forest, Woodrun, and Fairfield Sapphire Valley, and monthly for Linville Ridge.
<u>Finance Charge for Late Payment:</u>	1% per month will be applied to the unpaid balance of all bills still past due 25 days after billing date.

Notes:

^{1/} If a customer requests a test of a water meter more frequently than once in a 24-month period, the Company will collect a \$20.00 service charge to defray the cost of the test. If the meter is found to register in excess of the prescribed accuracy limits, the meter testing charge will be waived. If the meter is found to register accurately or below prescribed accuracy limits, the charge shall be retained by the Company. Regardless of the test results, customers may request a meter test once in a 24-month period without charge.

^{2/} Customers who request to be reconnected within nine months of disconnection at the same address shall be charged the base facility charge for the service period they were disconnected.

^{3/} The utility shall itemize the estimated cost of disconnecting and reconnecting service and shall furnish this estimate to customer with cut-off notice.

^{4/} This charge shall be waived if customer is also a water customer within the same service area.

^{5/} The utility shall itemize the estimated cost of disconnecting and reconnecting service and shall furnish this estimate to customer with cut-off notice. This charge will be waived if customer also receives water service from Carolina Water Service within the same service area. Customers who request to be reconnected within nine months of disconnection at the same address shall be charged the base facility charge for the service period they were disconnected.

Issued in Accordance with Authority Granted by the North Carolina Utilities Commission in Docket No. W-354, Sub 391, on this the ____ day of September, 2021.

APPENDIX B

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

**NOTICE TO CUSTOMERS
DOCKET NO. W-354, SUB 391
BEFORE THE NORTH CAROLINA UTILITIES COMMISSION**

Notice is hereby given that the North Carolina Utilities Commission (Commission) has granted Carolina Water Service Inc. of North Carolina (CWSNC), an increase in its sewer usage charge and base facility charge to customers in the Mt. Carmel service area in Buncombe County, North Carolina.

CWSNC filed a letter with the Commission pursuant to N.C.G.S. § 62-133.11, requesting authority to amend its tariff for the purpose of passing along to sewer customers in the Mt. Carmel service area in Buncombe County an increase in the cost of purchasing sewage treatment from the Metropolitan Sewerage District of Buncombe County (MSD). N.C.G.S. § 62-133.11 provides that the Commission shall allow a water or sewer utility to adjust its rates approved pursuant to N.C.G.S. § 62-133 to reflect changes in its costs based solely on changes in the rates imposed by third-party suppliers of purchased water or sewer service.

The Public Staff – North Carolina Utilities Commission has reviewed MSD’s current rates and recommends that CWSNC be allowed to increase its usage charge for sewer service by \$0.19 per 1,000 gallons, increasing the rate from \$6.32 to \$6.51 per 1,000 gallons, and increase the monthly base facility charge by \$0.20 per sewer customer from \$7.29 to \$7.49, effective for service rendered on and after the date of this Notice.

The new rates will increase the average residential monthly bill (< 1 inch meter) from \$65.15 to \$65.85, based on an average usage of 2,630 gallons.

ISSUED BY ORDER OF THE COMMISSION.

This the ____ day of September, 2021.

NORTH CAROLINA UTILITIES COMMISSION

A. Shonta Dunston, Chief Clerk

CERTIFICATE OF SERVICE

I, _____, mailed with sufficient postage or hand delivered to all affected customers the attached Notice to Customers issued by the North Carolina Utilities Commission in Docket No. W-354, Sub 391 and the Notice was mailed or hand delivered by the date specified in the Order.

This the ____ day of _____, 2021.

By: _____
Signature

Name of Utility Company

The above named Applicant, _____, personally appeared before me this day and, being first duly sworn, says that the required Notice to Customers was mailed or hand delivered to all affected customers, as required by the Commission Order dated _____ in Docket No. W-354, Sub 391.

Witness my hand and notarial seal, this the ____ day of _____, 2021.

Notary Public

Printed Name

(SEAL) My Commission Expires: _____
Date

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. W-354, SUB 392

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of)	
Application of Carolina Water Service, Inc. of North Carolina, 4944 Parkway Plaza Boulevard, Suite 375, Charlotte, North Carolina, 28217, for Authority to Amend Its Tariff to Increase Rates for Providing Sewer Utility Service in the College Park Service Area in Gaston County, North Carolina)	ORDER APPROVING TARIFF REVISION AND REQUIRING CUSTOMER NOTICE

BY THE COMMISSION: On July 28, 2021, Carolina Water Service, Inc. of North Carolina (CWSNC or Company), filed a letter with the North Carolina Utilities Commission (Commission) pursuant to N.C. Gen. Stat. § 62-133.11, requesting authority to amend its tariff for the purpose of passing along to sewer customers in the College Park service area in Gaston County an increase in the cost of purchasing sewage treatment from the Town of Dallas. N.C.G.S. § 62-133.11(a) provides that the Commission shall allow a water or sewer utility to adjust its rates approved pursuant to N.C.G.S. § 62-133 to reflect changes in its costs based solely on changes in the rates imposed by third-party suppliers of purchased water or sewer service.

CWSNC stated that, effective July 1, 2021, the Town of Dallas increased its usage charge for sewer service by \$0.44 per 1,000 gallons, increasing the rate from \$7.33 to \$7.77 per 1,000 gallons. CWSNC requested to increase the commodity charge applicable to its sewer customers in the College Park service area for service rendered on and after the date of this order. The requested increase passes along the aforementioned increase in the cost of purchasing sewer service from the Town of Dallas.

The Public Staff – North Carolina Utilities Commission (Public Staff) presented this matter at the Commission’s Staff Conference on September 7, 2021. The Public Staff stated that (1) it has reviewed the Town of Dallas’ current rates and the Company’s request and (2) recommended that the tariff revision be approved for service rendered on and after the date of this order. The Public Staff further stated that the new rates will increase the average residential monthly sewer bill (< 1 inch meter) from \$70.32 to \$72.06, based on an average usage of 3,967 gallons. The average usage was determined in Exhibit 18 of the Testimony of Gina Y. Casselberry, Advanced Utilities Engineer, Public Staff Water, Sewer, and Telephone Division, filed on November 4, 2019, in Docket No. W-354, Sub 364.

Based upon the foregoing, the Commission concludes that the tariff revision should be approved.

IT IS, THEREFORE, ORDERED as follows:

1. That Carolina Water Service, Inc. of North Carolina is granted a tariff revision for sewer utility service in the College Park service area in Gaston County, North Carolina, as set forth herein;

2. That the Schedule of Rates, attached hereto as Appendix A, is approved and is deemed filed with the Commission pursuant to N.C.G.S. § 62-138. This Schedule of Rates shall become effective for service rendered on and after the date of this Order;

3. That a copy of the Notice to Customers, attached hereto as Appendix B, shall be mailed with sufficient postage or hand delivered by the Company to all its affected customers in the College Park service area contemporaneously with the next billing of customers; and

4. That the Company shall file the attached Certificate of Service, properly signed and notarized, not later than ten days after the Notice to Customer is mailed or hand delivered to customers.

ISSUED BY ORDER OF THE COMMISSION.

This the _____ day of September, 2021.

NORTH CAROLINA UTILITIES COMMISSION

A. Shonta Dunston, Chief Clerk

SCHEDULE OF RATES

for

CAROLINA WATER SERVICE, INC. OF NORTH CAROLINA

for providing water and sewer utility service

in

ALL OF ITS SERVICE AREAS IN NORTH CAROLINA

(excluding Fairfield Harbour Service Area, Treasure Cove, Register Place Estates, North Hills, Glen Arbor/North Bend, Bradfield Farms, Silverton, Woodland Farms, and Larkhaven Subdivisions, and Hawthorne at the Green Apartments)

WATER RATES AND CHARGES

Monthly Metered Water Service (Residential and Commercial):

Base Facility Charge (based on meter size with zero usage)

< 1" meter	\$ 28.92
1" meter	\$ 72.30
1 1/2" meter	\$ 144.60
2" meter	\$ 231.36
3" meter	\$ 433.80
4" meter	\$ 723.00
6" meter	\$1,446.00

Usage Charge:

D. Treated Water/1,000 gallons	\$ 8.27
E. Untreated Water/1,000 gallons (Brandywine Bay Irrigation Water)	\$ 4.23

F. Purchased Water for Resale, per 1,000 gallons:

<u>Service Area</u>	<u>Bulk Provider</u>		
Carolina Forest	Montgomery County	\$	3.19
High Vista Estates	City of Hendersonville	\$	4.72
Riverbend	Town of Franklin	\$	8.10
Riverpointe	Charlotte Water	\$	7.07
Whispering Pines	Town of Southern Pines	\$	3.52
White Oak Plantation/ Lee Forest	Johnston County	\$	3.02
Winston Plantation	Johnston County	\$	3.02
Winston Pointe	Johnston County	\$	3.02
Woodrun	Montgomery County	\$	3.19
Yorktown	City of Winston Salem	\$	5.79
Zemosa Acres	City of Concord	\$	5.52
Carolina Trace	City of Sanford	\$	2.21

Commercial customers, including condominiums or other property owner associations who bill their members directly, shall have a separate account set up for each meter and each meter shall be billed separately based on the size of the meter and usage associated with the meter.

When because of the method of water line installation utilized by the developer or owner, it is impractical to meter each unit or other structure separately, the following will apply:

Sugar Mountain Service Area:

Where service to multiple units or other structures is provided through a single meter, the average usage for each unit or structure served by that meter will be calculated. Each unit or structure will be billed based upon that average usage plus the base monthly charge for a <1” meter.

Mount Mitchell Service Area:

Service will be billed based upon the Commission-approved monthly flat rate.

Monthly Flat Rate Service: (Billed in Arrears) \$ 58.54

Availability Rate: (Semiannual)

Applicable only to property owners in Carolina Forest
and Woodrun Subdivisions in Montgomery County \$ 27.15

Availability Rate: (Monthly)

Applicable only to property owners in Linville Ridge
Subdivision \$ 13.60

Availability Rate: (Monthly rate, billed semiannually)

Applicable only to property owners in Fairfield Sapphire
Valley Service Area \$ 10.05

Availability Rate: (Monthly rate, billed quarterly)

Applicable only to property owners in Connestee Falls \$ 5.30

Meter Testing Fee: ^{1/} \$ 20.00

New Water Customer Charge: \$ 27.00

Reconnection Charge: ^{2/}

If water service is cut off by utility for good cause \$ 42.00

If water service is discontinued at customer's request \$ 42.00

Reconnection Charge: ^{3/}(Flat-rate water customers)

If water service is cut off by utility for good cause Actual Cost

Management Fee: (in the following subdivisions only)

(Per connection)

Wolf Laurel \$150.00

Covington Cross Subdivision (Phases 1 & 2) \$100.00

Oversizing Fee: (in the following subdivision only)

(One-time charge per single-family equivalent)

Winghurst \$400.00

Meter Fee:

For <1" meters	\$ 50.00
For meters 1" or larger	Actual Cost

Irrigation Meter Installation:

Actual Cost

SEWER RATES AND CHARGES

Monthly Metered Sewer Service:

B. Base Facility Charge:

Residential (zero usage) \$ 58.91

Commercial (based on meter size with zero usage)

< 1" meter	\$ 58.91
1" meter	\$ 147.28
1 1/2" meter	\$ 294.55
2" meter	\$ 471.28
3" meter	\$ 883.65
4" meter	\$1,472.75
6" meter	\$2,945.50

B. Usage charge, per 1,000 gallons \$ 4.59

Commercial customers, including condominiums or other property owner associations who bill their members directly, shall have a separate account set up for each meter and each meter shall be billed separately based on the size of the meter and usage associated with the meter.

Monthly Metered Purchased Sewer Service:

Collection Charge (Residential and Commercial) \$ 41.24

Usage charge, per 1,000 gallons
(based on purchased water consumption)

<u>Service Area</u>	<u>Bulk Provider</u>		
White Oak Plantation/ Lee Forest/Winston Pt.	Johnston County	\$	6.45
Kings Grant	Two Rivers Utilities	\$	4.39
College Park	Town of Dallas	\$	7.77

Monthly Flat Rate Service: \$ 73.73

Multi-residential customers who are served by a master meter shall be charged the flat rate per unit. \$ 73.73

Mt. Carmel Subdivision Service Area:

Monthly Base Facility Charge \$ 7.49

Monthly Collection Charge
(Residential and Commercial) \$ 41.24

Usage Charge, per 1,000 gallons
(based on metered water from the water supplier) \$ 6.51

Regalwood and White Oak Estates Subdivision Service Area:

Monthly Flat Rate Sewer Service

Residential Service	\$ 73.73
White Oak High School	\$2,187.33
Child Castle Daycare	\$ 280.41
Pantry	\$ 153.76

Fairfield Mountain/Apple Valley (a.k.a. Rumbling Bald) Service Area, and Highland Shores Subdivision:

Monthly Sewer Rates:

Residential

Collection charge/dwelling unit	\$ 41.24
Treatment charge/dwelling unit	\$ 90.00
Total monthly flat rate/dwelling unit	<u>\$ 131.24</u>

Commercial and Other:

Minimum monthly collection and treatment charge	\$ 131.24
Monthly collection and treatment charge for customers who do not take water service	\$ 131.24
Treatment charge per dwelling unit	
Small (less than 2,500 gallons per month)	\$ 103.00
Medium (2,500 to 10,000 gallons per month)	\$ 182.00
Large (over 10,000 gallons per month)	\$ 286.00
Collection Charge (per 1,000 gallons)	\$ 13.93

The Ridges at Mountain Harbour:

Monthly Sewer Rates:

Collection charge (Residential and Commercial)	\$ 41.24
Treatment charge (Residential and Commercial)	
< 1" meter	\$ 18.42
2" meter	\$ 147.36

Availability Rate: (Monthly rate, billed semiannually)

Applicable only to property owners in Fairfield Sapphire Valley Service Area	\$ 10.20
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Availability Rate: (Monthly rate, billed quarterly)

Applicable only to property owners in Connestee Falls	\$ 5.75
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New Sewer Customer Charge: ^{4/} \$ 27.00

Reconnection Charge: ^{5/}

If sewer service is cut off by utility for good cause: Actual Cost

MISCELLANEOUS UTILITY MATTERS

<u>Charge for processing NSF Checks:</u>	\$ 25.00
<u>Bills Due:</u>	On billing date
<u>Bills Past Due:</u>	21 days after billing date
<u>Billing Frequency:</u>	Bills shall be rendered monthly in all service areas, except for Mt. Carmel, which will be billed bimonthly. Availability rates will be billed quarterly in advance for Connestee Falls, semiannually in advance for Carolina Forest, Woodrun, and Fairfield Sapphire Valley, and monthly for Linville Ridge.
<u>Finance Charge for Late Payment:</u>	1% per month will be applied to the unpaid balance of all bills still past due 25 days after billing date.

Notes:

^{1/} If a customer requests a test of a water meter more frequently than once in a 24-month period, the Company will collect a \$20.00 service charge to defray the cost of the test. If the meter is found to register in excess of the prescribed accuracy limits, the meter testing charge will be waived. If the meter is found to register accurately or below prescribed accuracy limits, the charge shall be retained by the Company. Regardless of the test results, customers may request a meter test once in a 24-month period without charge.

^{2/} Customers who request to be reconnected within nine months of disconnection at the same address shall be charged the base facility charge for the service period they were disconnected.

^{3/} The utility shall itemize the estimated cost of disconnecting and reconnecting service and shall furnish this estimate to customer with cut-off notice.

^{4/} This charge shall be waived if customer is also a water customer within the same service area.

^{5/} The utility shall itemize the estimated cost of disconnecting and reconnecting service and shall furnish this estimate to customer with cut-off notice. This charge will be waived if customer also receives water service from Carolina Water Service within the same service area. Customers who request to be reconnected within nine months of disconnection at the same address shall be charged the base facility charge for the service period they were disconnected.

Issued in Accordance with Authority Granted by the North Carolina Utilities Commission in Docket No. W-354, Sub 392, on this the ____ day of September, 2021.

APPENDIX B

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

**NOTICE TO CUSTOMERS
DOCKET NO. W-354, SUB 392
BEFORE THE NORTH CAROLINA UTILITIES COMMISSION**

Notice is hereby given that the North Carolina Utilities Commission (Commission) has granted Carolina Water Service Inc. of North Carolina (CWSNC), an increase in its sewer usage charge to customers in the College Park service area in Gaston County, North Carolina.

CWSNC filed a letter with the Commission pursuant to N.C.G.S. § 62-133.11, requesting authority to amend its tariff for the purpose of passing along to sewer customers in the College Park service area in Gaston County an increase in the cost of purchasing sewage treatment from the Town of Dallas. N.C.G.S. § 62-133.11 provides that the Commission shall allow a water or sewer utility to adjust its rates approved pursuant to N.C.G.S. § 62-133 to reflect changes in its costs based solely on changes in the rates imposed by third-party suppliers of purchased water or sewer service.

The Public Staff – North Carolina Utilities Commission has reviewed the Town of Dallas' current rates and recommends that CWSNC be allowed to increase its usage charge for water service by \$0.44 per 1,000 gallons, increasing the rate from \$7.33 to \$7.77 per 1,000 gallons effective for service rendered on and after the date of this Notice.

The new rates will increase the average residential monthly bill (< 1 inch meter) from \$70.32 to \$72.06 based on an average usage of 3,967 gallons.

ISSUED BY ORDER OF THE COMMISSION.

This the ____ day of September, 2021.

NORTH CAROLINA UTILITIES COMMISSION

A. Shonta Dunston, Chief Clerk

CERTIFICATE OF SERVICE

I, _____, mailed with sufficient postage or hand delivered to all affected customers the attached Notice to Customers issued by the North Carolina Utilities Commission in Docket No. W-354, Sub 392 and the Notice was mailed or hand delivered by the date specified in the Order.

This the ____ day of _____, 2021.

By: _____
Signature

Name of Utility Company

The above named Applicant, _____, personally appeared before me this day and, being first duly sworn, says that the required Notice to Customers was mailed or hand delivered to all affected customers, as required by the Commission Order dated _____ in Docket No. W-354, Sub 392.

Witness my hand and notarial seal, this the ____ day of _____, 2021.

Notary Public

Printed Name

(SEAL) My Commission Expires: _____
Date