



Mayor

M. Andy Moore

Mayor Pro-Tem

Roger A. Wood

Council Members

Marlon Lee

Sloan Stevens

Travis Scott

David Barbour

John A. Dunn

Stephen Rabil

Town Attorney

Robert Spence, Jr.

Town Manager

Michael L. Scott

Finance Director

Greg Siler

Town Clerk

Shannan Parrish

Town Council

Agenda

Packet

Meeting Date: Tuesday, February 6, 2024

Meeting Time: 7:00 p.m.

Meeting Place: Town Hall Council Chambers

350 East Market Street

Smithfield, NC 27577



**TOWN OF SMITHFIELD
TOWN COUNCIL AGENDA
REGULAR MEETING FEBRUARY 6, 2024
7:00 PM**

Call to Order

Invocation

Pledge of Allegiance

Approval of Agenda

Page

Presentations:

1. **Introduction of Miss Smithfield’s Teen Chloe** Joyner
2. FY 2022-2023 Audit Presentation
(Finance Director – Greg Siler) See attached information.....1

Public Hearings:

1. Community Development Block Grant (CDBG) Close Out Public Hearing -
The purpose of this hearing to enable citizens to submit comments of all aspects of CDBG performance and the performance of the Citizen Participation Plan.
(Town Manager – Michael Scott) See attached information..... 15
2. System Development Fees: In accordance with NC GS 162A-209 (b), the governing body shall conduct a public hearing prior to considering adoption of the analysis with any modifications or revisions.
(Public Utilities Director - Ted Credle) See attached information.....19

Citizens Comments

Consent Agenda Items:

1. Special Event: River Jam Concert Series – The Smithfield Parks and Recreation Department is requesting to hold a concert series at the Neuse River Amphitheater on March 22nd, April 19th, May 5th, May 17th, June 7th and June 21st. The request

includes the closure of Front Street from Johnston Street to Market Street and food and alcohol sales.
(Parks and Recreation Director – Gary Johnson) See attached information.....89

2. Consideration and request for approval to adopt Resolution No. 740 (01-2024) authorizing the disposition of certain surplus property and the auctioning of that property by the electronic service of GovDeals.com
(Town Clerk – Shannan Parrish) See attached information.....93

3. Consideration and request for approval to award a bid in the amount of \$22,776.00 to Sundek of North Carolina for pool deck resurfacing at the Aquatics Center
(Parks and Recreation Director – Gary Johnson) See attached information..... 97

4. Consideration and request for approval to award a bid in the amount of \$7,529.00 to Leonard Aluminum and Building Supplies, LLC for the purchase of a storage building for Parks and Recreation
(Parks and Recreation Director – Gary Johnson) See attached information..... 109

5. Consideration and request for approval to adopt Resolution No. 741 (02-2024) appointing Carter Jones & Bill Johnson to the Downtown Smithfield Board of Directors
(Town Clerk – Shannan Parrish) See attached information.....115

6. New Hire Report
(HR Director – Tim Kerigan) See attached information.....123

Business Items:

1. Consideration and request for approval to purchase a Fire Engine
(Fire Chief – Jeremy Daughtry) See attached information..... 125

2. Consideration and request for approval to purchase a Fire Compressor
(Fire Chief – Jeremy Daughtry) See attached information..... 133

3. FY 2024 – 2025 Budget Discussions
(Town Manager – Michael Scott)

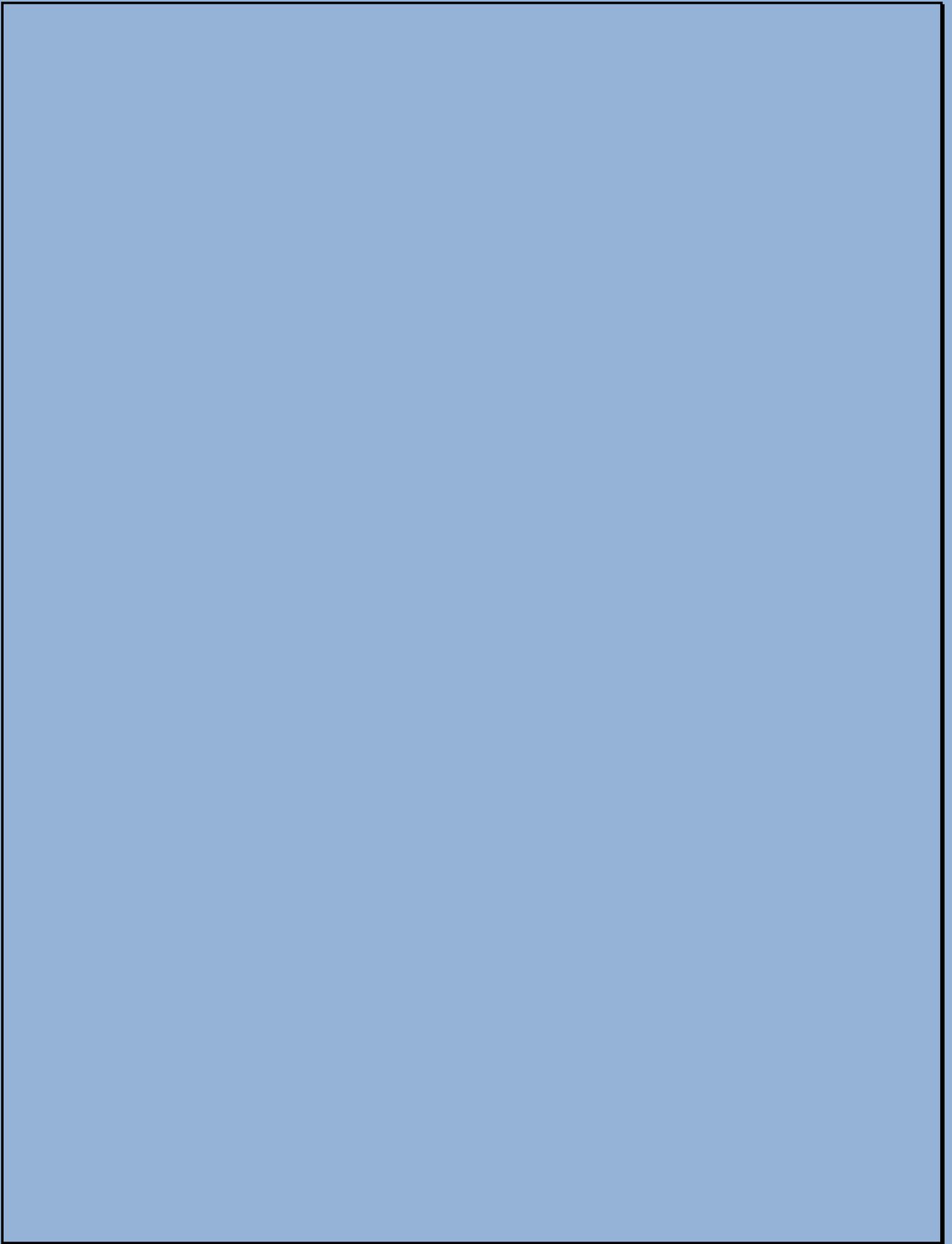
Councilmember’s Comments

Town Manager’s Report

- Financial Report (See attached information).....145
- Department Reports (See attached information)..... 149
- **Manager’s Report** (Will be provided at the Meeting)

Adjourn

Presentations





Presentation for Town Council

Presentation FY 22-23
Audit
Date: 02/06/2024

Subject: Presentation of the 2022-2023 Annual Financial Report
Department: Finance Department
Presented by: Finance Director – Greg Siler
Presentation: Presentations

Issue Statement – Thompson, Price, Scott, Adams & Co., P.A. (TPSA) will present Fiscal Year 2023 audit results. The Annual Financial Report provides readers (board/council members, citizens, bondholders, lenders, rating agencies, etc.) with information useful in assessing the financial condition of the town and for making decisions.

Financial Impact – N/A

Action Needed – N/A

Recommendation – N/A

Approved: Town Manager Town Attorney

Attachments

1. Audit Summary
2. Audit Results - Will be provided at the meeting



Presentation of Audit Results

Fiscal Year Ended
June 30, 2023



Alan W. Thompson, CPA
1626 S Madison Street
PO Box 398
Whiteville, NC 28472
910.642.2109 phone
910.642.5958 fax
www.tpsacpas.com

TOWN OF SMITHFIELD

Presentation Agenda

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I. GENERAL COMMENTS	
II. REQUIRED COMMUNICATIONS SAS 114	1-3
III. AUDIT RESULTS	4-11
IV. QUESTIONS AND COMMENTS	
V. CLOSE	



Thompson, Price, Scott, Adams & Co, P.A.

P.O. Box 398
1626 S Madison Street
Whiteville, NC 28472
Telephone (910) 642-2109
Fax (910) 642-5958

Alan W. Thompson, CPA
R. Bryon Scott, CPA
Gregory S. Adams, CPA

November 27, 2023

To the Town of Smithfield
Smithfield, North Carolina

We have audited the financial statements of the governmental activities, business-type activities, each major fund, and the aggregate remaining fund information of the Town of Smithfield for the year ended June 30, 2023. Professional standards require that we provide you with information about our responsibilities under generally accepted auditing standards, *Government Auditing Standards*, and Uniform Guidance (if applicable), as well as certain information related to the planned scope and timing of our audit. We have communicated such information in our letter to you dated May 12, 2023. Professional standards also require that we communicate to you the following information related to our audit.

Significant Audit Findings

Qualitative Aspects of Accounting Practices

Management is responsible for the selection and use of appropriate accounting policies. The significant accounting policies used by Town of Smithfield are described in Note 1 to the financial statements. The Town adopted GASB Statement 96 "Subscription Based Information Technology Arrangements," effective for the fiscal year ended June 30, 2023. We noted no transactions entered into by the Town of Smithfield during the year that were both significant and unusual, and of which, under professional standards, we are required to inform you, or transactions for which there is a lack of authoritative guidance or consensus. All significant transactions have been recognized in the financial statements in the proper period.

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ significantly from those expected. There were no significant estimate(s) or assumptions noted during the audit.

Certain financial statement disclosures are particularly sensitive because of their significance to the financial statement users. There are no such disclosures identified.

The financial statement disclosures are neutral, consistent, and clear.

Members
American Institute of CPAs - N.C. Association of CPAs - AICPA Division of Firms

Difficulties Encountered in Performing the Audit

We encountered no significant difficulties in dealing with management in performing and completing our audit.

Corrected and Uncorrected Misstatements

Professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that are trivial, and communicate them to the appropriate level of management. Management has corrected all such misstatements. Some of the misstatements detected as a result of audit procedures and corrected by management were material, either individually or in the aggregate, to each opinion unit's financial statements taken as a whole.

Disagreements with Management

For purposes of this letter, a disagreement with management as a financial accounting, reporting, or auditing matter, whether or not resolved to our satisfaction that could be significant to the financial statements or the auditors' report. We are pleased to report that no such disagreements arose during the course of our audit.

Management Representations

We have requested certain representations from management that are included in the management representation letter dated November 27, 2023.

Management Consultations with Other Independent Accountants

In some cases, management may decide to consult with other accountants about auditing and accounting matters, similar to obtaining a "second opinion" on certain situations. If a consultation involves application of an accounting principle to the governmental unit's financial statements or a determination of the type of auditor's opinion that may be expressed on those statements, our professional standards require the consulting accountant to check with us to determine that the consultant has all the relevant facts. To our knowledge, there were no such consultations with other accountants.

Other Auditing Findings or Issues

We generally discuss a variety of matters, including the application of accounting principles and auditing standards, with management each year prior to retention as the Town of Smithfield's auditors. However, these discussions occurred in the normal course of our professional relationship and our responses were not a condition to our retention.

The Local Government Commission (LGC) will no longer initiate communications about concerns or findings (formerly considered unit letters). They have created a spreadsheet that has to be completed and submitted with the audit report. If that worksheet identifies what they consider a "Financial Performance Indicators of Concern" (FPICs), we are required to communicate those items to the Board. The Town is required to submit a response within 60 days of the Board meeting in which the financial statements are presented. The detailed audit response should be presented to the entire Board, and signed by the entire Board, Finance Officer, and Manager. We are pleased to disclose that there are no indicators that the Town must respond about this year.

Other Matters

We applied certain limited procedures to the Schedule of Town's Proportionate Share of Net Pension Liability (LGCERS), Schedule of Town Contributions (LGCERS), Schedule of Changes in Total Pension Liability - Law Enforcement Officer's Special Separation Allowance, and Schedule of Changes in Total OPEB Liability and Related Ratios, which is required supplementary information (RSI) that supplements the basic financial statements. Our procedures consisted of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's

responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We did not audit the RSI and do not express an opinion or provide any assurance on the RSI.

We were engaged to report on the combining and individual non-major fund statement schedules, budgetary schedules, and other schedules, and the schedule of expenditures of federal and State awards, which accompany the financial statements but are not RSI. With respect to this supplementary information, we made certain inquiries of management and evaluated the form, content, and methods of preparing the information to determine that the information complies with accounting principles generally accepted in the United States of America, the method of preparing it has not changed from the prior period, and the information is appropriate and complete in relation to our audit of the financial statements. We compared and reconciled the supplementary information to the underlying accounting records used to prepare the financial statements or to the financial statements themselves.

Restriction on Use

This information is intended solely for the use of the Town Commissioners and management of the Town of Smithfield and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

Thompson, Price, Scott, Adams & Co., P.A.

Thompson, Price, Scott, Adams & Co, P.A.

TOWN OF SMITHFIELD

FINANCIAL INFORMATION FOR 5 YEARS

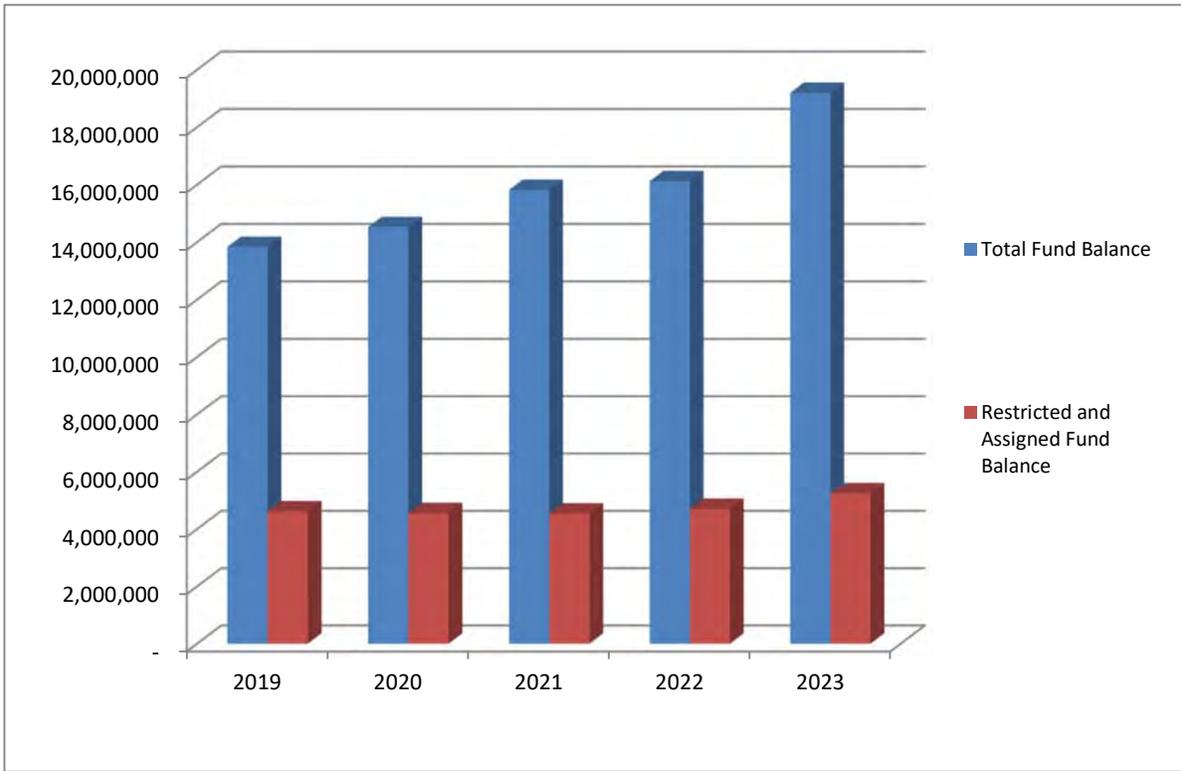
	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Total Fund Balance - General Fund	19,195,668	16,120,101	15,814,504	14,521,940
Unavailable Fund Balance (Reserve for State Statute, Nonspendable)	3,643,095	3,565,822	2,784,834	2,720,900
Restricted, Committed, and Assigned Fund Balance	5,246,357	4,703,969	4,545,182	4,553,192
General Fund Expenditures (including transfers out)	14,329,028	16,143,324	13,862,800	13,735,288
Fund Balance Available as % of General Fund				
Expenditures	108.54%	77.77%	93.99%	85.92%
Unassigned Fund Balance	13,899,006	11,389,754	11,248,279	9,968,748
Unassigned Fund Balance as % of General Fund				
Expenditures	97.00%	70.55%	81.14%	72.58%
Revenues over (under) expenditures before contributions and transfers				
General Fund	2,577,641	(130,605)	1,884,036	1,443,604
Electric Fund	444,425	822,190	517,897	255,556
Water & Sewer Fund	3,512,825	2,998,733	2,391,504	2,745,878
Cash vs. Accumulated Depreciation - Water & Sewer Fund				
Total Fixed Assets	44,970,900	39,559,989	27,384,425	24,855,644
Accumulated Depreciation	14,369,538	13,566,944	12,912,721	12,284,763
Cash	14,657,500	14,396,946	13,060,839	12,152,789
Cash vs. Fund Balance				
Cash - General	16,844,812	14,075,574	14,253,350	13,072,113
Cash - Electric Fund	12,011,526	11,997,946	11,767,185	11,020,194
Cash - Water & Sewer Fund	14,657,500	14,396,946	13,060,839	12,152,789
Cash - Other Governmental Funds	3,655,814	5,053,761	922,575	1,074,088
Fund Balance - General	19,195,668	16,120,101	15,814,504	14,521,940
Fund Balance - Electric Fund	20,374,567	19,930,142	19,107,952	18,553,584
Fund Balance - Water & Sewer Fund	31,998,244	28,103,059	23,584,921	21,092,753
Fund Balance - Other Governmental Funds	(643,723)	60,224	279,321	176,243
Property Tax Rates	0.57	0.57	0.57	0.57
Collection Percentages	99.93%	99.88%	99.77%	99.61%
Collection Percentages (excluding Motor Vehicle)	99.92%	99.87%	99.74%	99.57%
Total Property Valuation	1,416,069,030	1,341,879,123	1,279,219,986	1,233,663,158
Total Levy Amount	8,071,593	7,648,711	7,291,554	7,031,880
Debt (excluding OPEB, compensated absences, LGERS)				
Governmental Activities	4,548,432	4,686,704	7,588,150	7,587,735
Business-Type Activities	13,377,699	12,639,394	3,721,993	4,557,159

TOWN OF SMITHFIELD

FINANCIAL INFORMATION FOR 5 YEARS

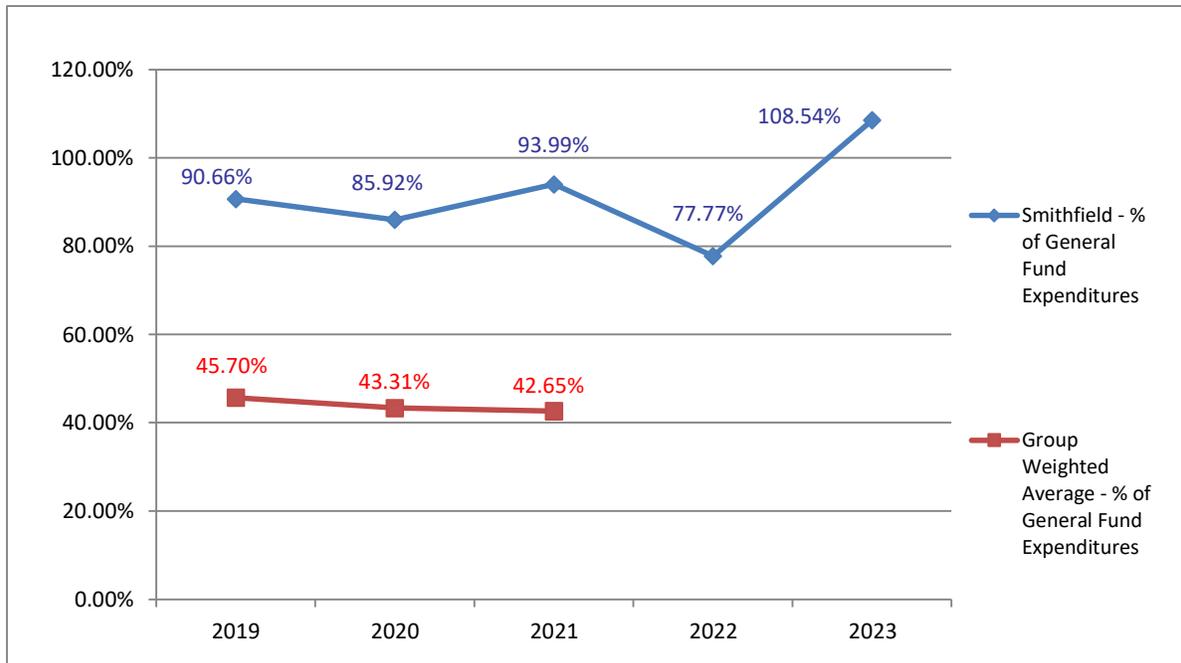
	<u>2023</u>	<u>2022</u>	<u>2021</u>	<u>2020</u>
Breakdown of General Fund Revenues				
Ad Valorem Taxes	8,098,886	7,715,148	7,393,534	7,046,889
Other Taxes, License & Permits	52,157	75,067	59,366	65,867
Intergovernment Revenue	5,514,319	5,257,824	5,164,269	4,580,621
Sales and Services	2,791,805	2,654,020	2,131,661	2,346,267
Investment Earnings	202,844	10,665	13,552	47,221
Miscellaneous	236,248	147,995	150,454	140,027
Total	<u>16,896,259</u>	<u>15,860,719</u>	<u>14,912,836</u>	<u>13,775,292</u>
Breakdown of General Fund Expenditures				
General Government	1,708,013	1,516,181	1,473,207	1,413,158
Public Safety	6,587,724	6,266,652	6,061,161	5,826,869
Street and Public Works	1,698,199	1,558,292	1,286,129	1,413,752
Sanitation	1,525,443	1,552,107	1,418,510	1,172,948
Cultural & Recreational	2,349,942	1,929,283	1,766,155	2,113,219
Debt Service	449,297	3,168,809	1,023,638	843,342
Total	<u>14,318,618</u>	<u>15,991,324</u>	<u>13,028,800</u>	<u>12,219,573</u>

TOWN OF SMITHFIELD Analysis of Fund Balance



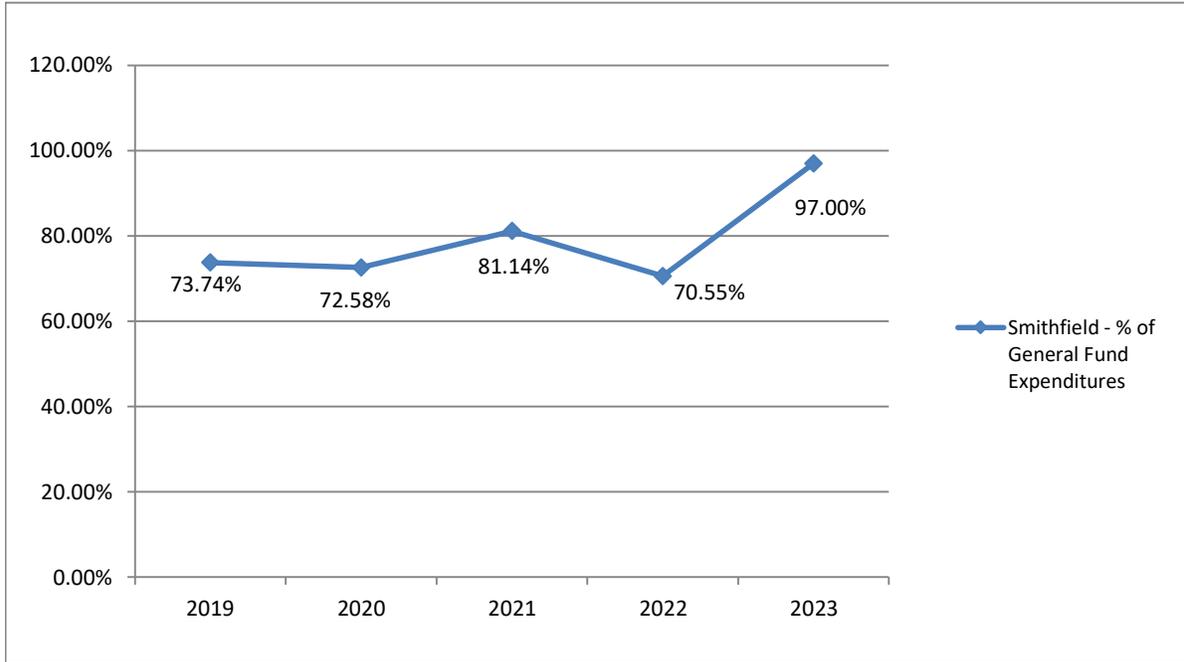
TOWN OF SMITHFIELD Analysis of Fund Balance Available

(Note - 2022 & 2023 Group Weighted Average Not Available at Date of Presentation)



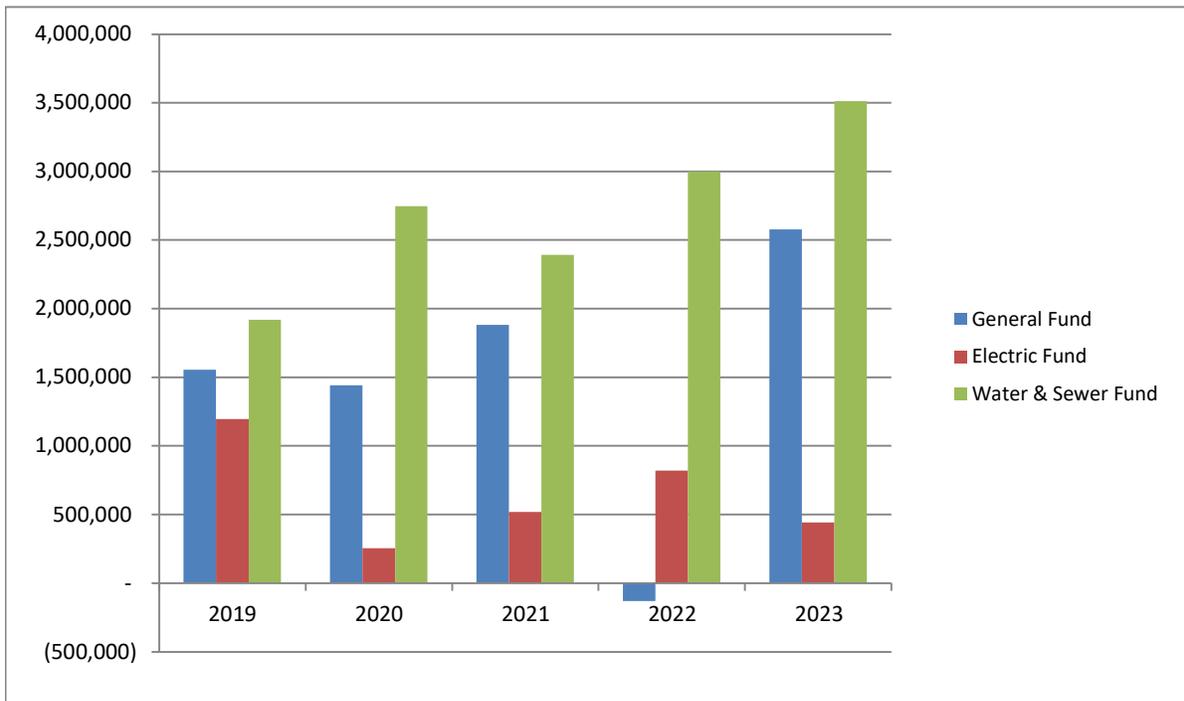
TOWN OF SMITHFIELD

Analysis of Unassigned Fund Balance as a % of General Fund Expenditures



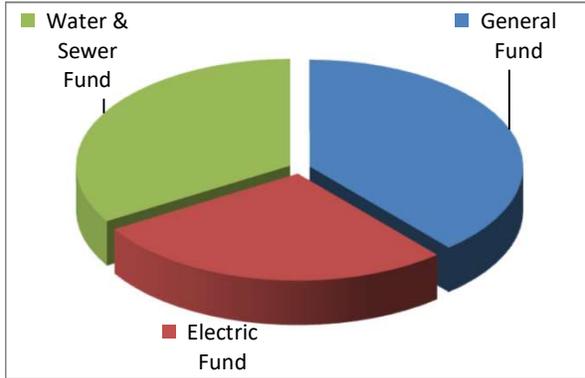
TOWN OF SMITHFIELD

Analysis of Revenues Over (Under) Expenditures before Transfers and Contributions

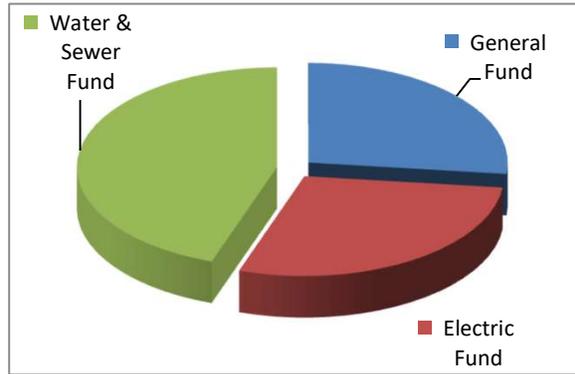


TOWN OF SMITHFIELD
Analysis of Cash and Fund Balances
at June 30, 2023

CASH BALANCES



FUND BALANCES

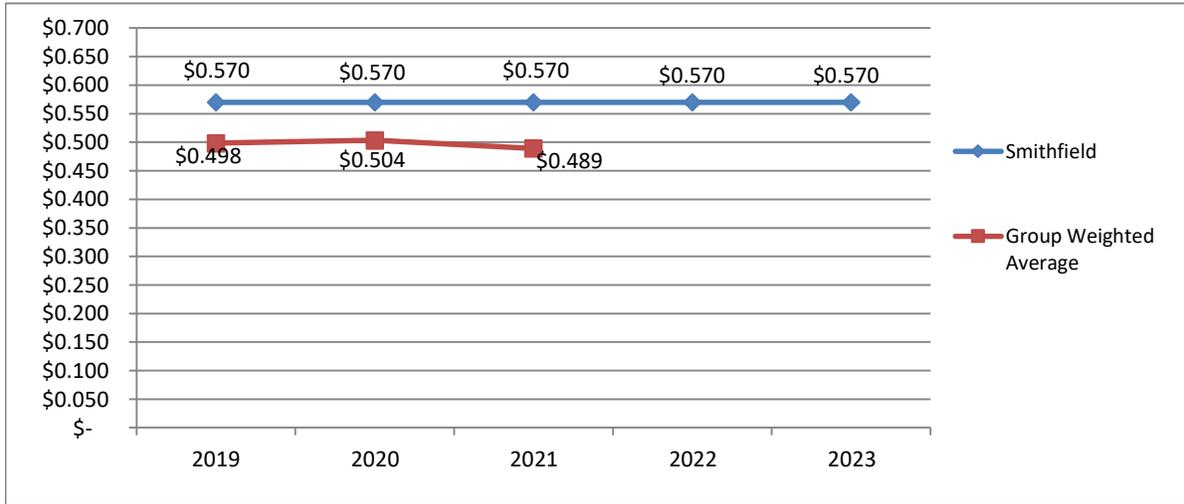


	2023	
	Cash Balances	Fund Balances
General Fund	\$ 16,844,812	\$ 19,195,668
Electric Fund	12,011,526	20,374,567
Water and Sewer Fund	14,657,500	31,998,244
Total	\$ 43,513,838	\$ 71,568,479

TOWN OF SMITHFIELD

Property Tax Rates

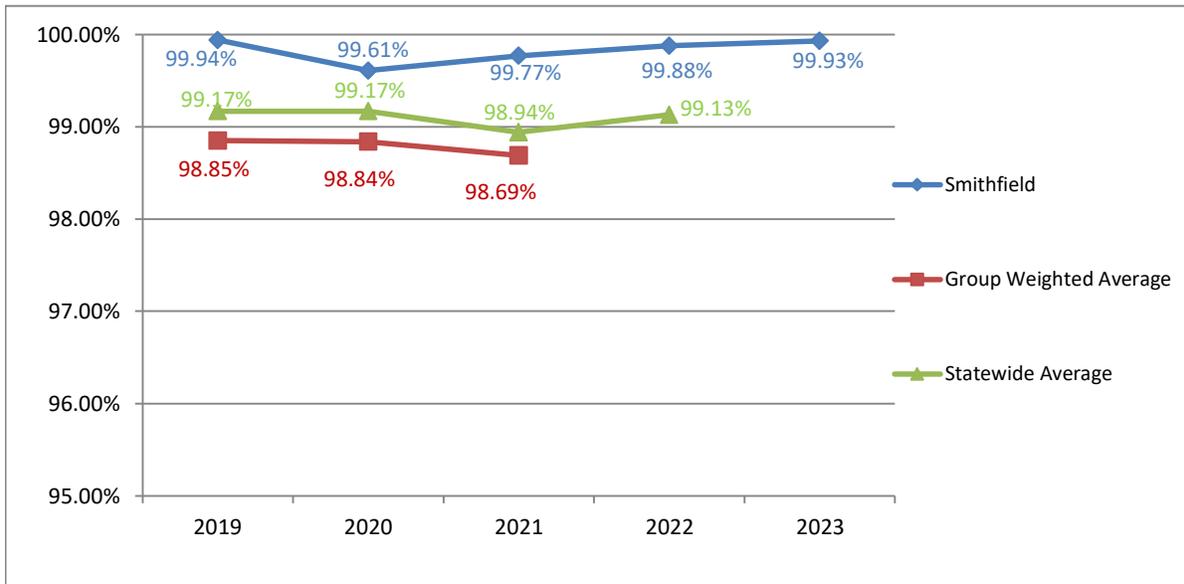
(Note - 2022 & 2023 Group Weighted Average Not Available at Date of Presentation)



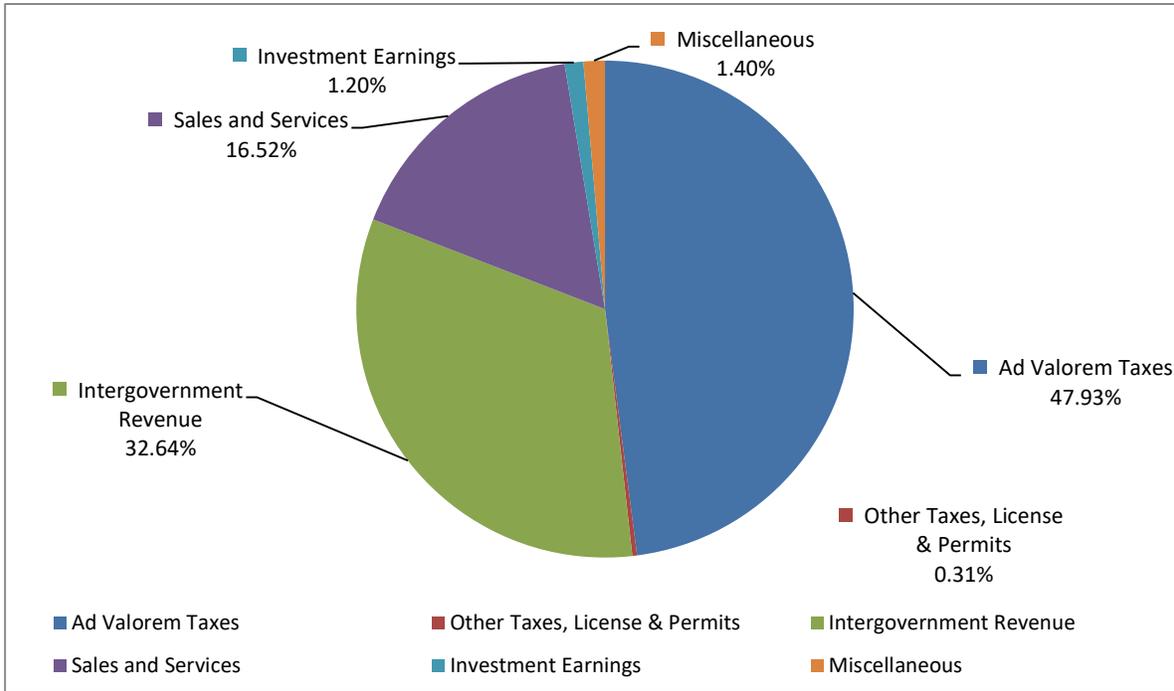
TOWN OF SMITHFIELD

Collection Percentages

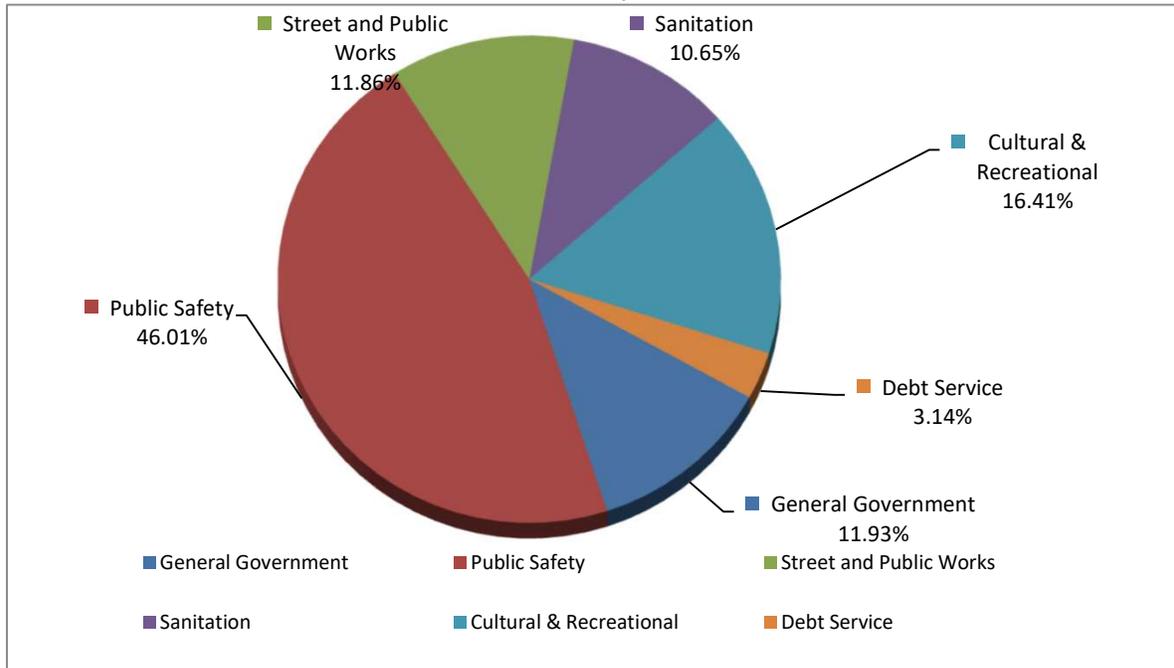
(Note - 2022 & 2023 Group/Statewide Weighted Average Not Available at Date of Presentation)



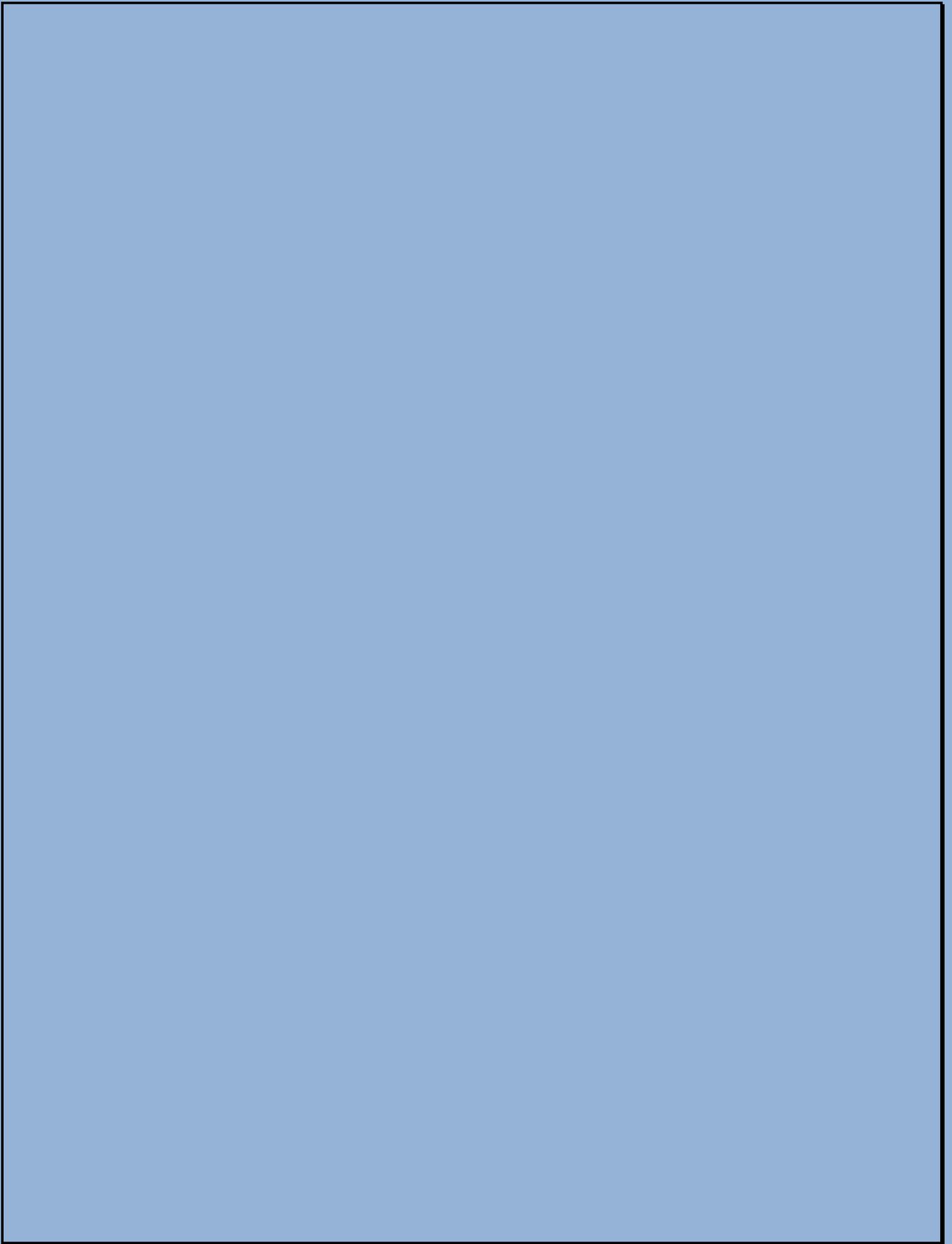
TOWN OF SMITHFIELD
Break Down of General Fund Revenue
FYE June 30, 2023



TOWN OF SMITHFIELD
Break Down of General Fund Expenditures
FYE June 30, 2023



Public Hearings





Request for Town Council Action

**Public
Hearing:** CDBG
Public
Hearing
Date: **02/06/2024**

Subject: CDBG Public Hearing
Department: General Government
Presented by: Town Manager – Michael Scott
Presentation: Public Hearing

Issue Statement

A Public Hearing will be held to close out the completed \$750,000 Community Development Block Grant (CDBG) for housing rehabilitation in District 1.

Financial Impact

No Financial Impact; The \$750,000 Community Development Block Grant has been fully administered.

Action Needed

Hold the Public Hearing

Recommendation

N/A

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Public Notice



Staff Report

Public Hearing: CBDG
Public Hearing
02/06/2024

In December, 2019 the Town accepted a \$750,000 grant for Housing Rehabilitation in District 1. The grant is now closed and a public hearing will be held to complete the close-out of this grant.

Ten homes were rehabilitated to meet State Codes with two of those homes being total tear downs and reconstructions.

An in-depth review of the work completed throughout the grant was presented to the Town Council during the November, 2023 regular meeting. The presentation will not be repeated, as this is a time to hear from the public regarding the use of the \$750,000 grant received in December of 2019.

AFFIDAVIT OF PUBLICATION

State of Florida, County of Orange, ss:

Megan Villanueva, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC, duly authorized agent of Johnstonian News, a newspaper printed and published in the City of Smithfield, County of Johnston, State of North Carolina, and that this affidavit is Page 1 of 1 with the full text of the sworn-to notice set forth on the pages that follow, and the hereto attached:

PUBLICATION DATES:

Jan. 24, 2024

NOTICE ID: j9mB5PS07EWCuzMi3OxD

NOTICE NAME: CDBG - Close out

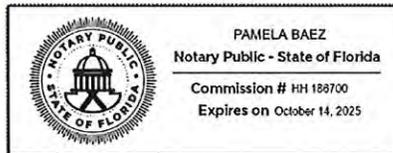
Publication Fee: 97.40

I declare under penalty of perjury under the laws of North Carolina that the foregoing is true and correct.

Megan Villanueva
(Signed)

VERIFICATION

State of Florida
County of Orange



Subscribed in my presence and sworn to before me on this: 01/24/2024

[Signature]

Notary Public
Notarized online using audio-video communication

ADVERTISEMENT NOTICE OF CLOSE-OUT PUBLIC HEARING

The Town of Smithfield has received a \$750,000 Small Cities Community Development Block Grant – Neighborhood Revitalization (CDBG-NR) (Project Number). All project activities have been completed. Project accomplishments follow.

- **Demolition and Clearance:** Demolished and cleared two houses as a part of reconstruction activities.
- **Rehabilitation:** Rehabilitated seven houses of which one was a substantial rehabilitation.
- **Reconstruction:** Reconstructed (new construction on demolished house approximate footprint) two houses.

The Town of Smithfield will conduct a Public Hearing on February 6, 2024 at 7:00 PM in the Town Council Chambers located at 350 East Market Street, Smithfield, North Carolina 27577. The purpose of this Hearing to enable citizens to comment on the Town's completed CDBG-NR program. Written comments received prior to the opening of the Public Hearing will be considered. Written comments may be sent to Michael Scott, Manager, 350 East Market Street, P.O. Box 761, Smithfield, NC 27577.

This information is available in Spanish or any other language upon request. Please contact, Michael Scott, Town Manager, (919) 934-2116, Town Manager's Office, 350 East Market Street, P.O. Box 761, Smithfield, NC 27577 for accommodations for this request.

Esta información está disponible en español o en cualquier otro idioma bajo petición. Por favor, Michael Scott, Town Manager, (919) 934-2116, Town Manager's Office, 350 East Market Street, P.O. Box 761, Smithfield, NC 27577 póngase en contacto con de alojamiento para esta solicitud.

The Johnstonian
January 24, 2024



Request for Town Council Action

Public Hearing: Acceptance
of SDF
Analysis
Date: 02/06/2024

Subject: System Development Fee (SDF) Analysis Public Hearing

Department: Public Utilities

Presented by: Public Utilities Director – Ted Credle

Presentation: Public Hearing

Issue Statement

In 2018 and in accordance with North Carolina Law, the Town hired a competent firm to provide analysis for the establishment of System Development Fees (SDF). Part of the legislation mandated that the analysis must be updated at intervals not greater than five (5) years. The Town must also hold a public hearing to accept any public comment, in this regard.

Financial Impact

The SDF analysis recommends a new set of fees.

Action Needed

Council should hold a public hearing to accept public comment. The Council may enact any, or all, of the recommended fees, up to the level designated by the analysis.

Recommendation

Staff recommends Council to accept the analysis and enact the recommended new level of SDF.

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Completed SDF Analysis, with recommendations
3. Original SDF Analysis



Staff Report

Public Hearing: Acceptance of SDF Analysis

In accordance with North Carolina General Statute 162A-209 (c), the Town is updating the system development fee analysis. In 2018, the Town undertook the original analysis and adopted these fees in accordance with NC Law. In accordance with this process, the Town has committed to update the analysis at an interval not to exceed 5 years. With the completion of the Water Plant Improvement project and the resulting debt service, staff felt **this was an opportune time to “update” the analysis.**

The consulting firm (Envirolink) that performed the original analysis was engaged to perform the update. Envirolink has completed the analysis and in accordance with NC Law 162A-209 (a), the Town has posted publicly for not less than 45 days. During this time, the public was invited to ask questions and offer feedback on the analysis.

At the end of the public posting, the Council shall hold a public hearing prior to considering adoption of the fees, modified, or revised.

Staff is recommending Council to adopt the fees, in accordance with the analysis.

The comparison of existing fees and the new, proposed fees.

Water Meter Size	Current Fee Water	Current Fee Sewer	Proposed Fee Water	Proposed Fee Sewer
5/8"	\$420.00	\$230.00	\$595.00	\$763.00
3/4"	\$650.00	\$350.00	\$893.00	\$1,145.00
1"	\$1,100.00	\$600.00	\$1,480.00	\$1,908.00
1-1/2"	\$2,200.00	\$1,200.00	\$2,975.00	\$3,815.00
2"	\$3,500.00	\$1,900.00	\$4,760.00	\$6,104.00
3"			\$8,925.00	\$11,445.00
4"	\$11,000.00	\$6,000.00	\$14,875.00	\$19,075.00
6"	\$22,000.00	\$12,000.00	\$29,750.00	\$38,150.00

Town of Smithfield
Johnston County, North Carolina

System Development Fee Analysis

PROVIDED BY:



ENVIROLINK

November 6, 2023

Original report August 31, 2023
Revision 1, November 5, 2023
Revision 2, November 6, 2023

Revision #1 dated November 5, 2023, incorporates revisions to the assets included in the water system and wastewater system analysis and related or editorial corrections.

A. The following assets were moved to the water system assets and removed from the wastewater asset list:

Asset #	Description
1. 00038	ALUM SLUDGE HANDLING FA
2. 00213	HYDROGRITTER
3. 00214	SLUDGE PRESS
4. 00215	SLUDGE PRESS/SLUDGE PRESS PUMP
5. 00608	SLUDGE PRESS/DEWATERING SYSTEM
6. 00650	200 AMP PANNEL&112.5 KVA TRANSFORMER
7. 00665	2-WAY ELECTRIC CONTROL VALVES
8. 00710	SAND GRIT PUMP
9. 00327	LOH & ROF WATER FILTER CO
10. 00328	CHLORINE DIOXIDE SYSTEM
11. 00527	SLUDGE SYSTEM
12. 00194	DOUBLE WAYY TANK 25
13. 00195	INSTAVLAVE COMPLETE
14. 00664	BOOKR DAIRY RD ENGR & CONST

B. The following assets were moved to the wastewater system assets and removed from the water asset list:

Asset #	Description
1. 00211	DRI-PRIME DIESEL PUMP
2. 00552	CUR OFF VALUE IN SERV

C. The water plant commissioned in 2022 is added to the water asset list.

D. Other editorial and related corrections to the document

Revision #2 dated November 6, 2023 is a correction for updated information on REUs and meter size chart, page 14

Town of Smithfield

System Development Fee Analysis

I hereby certify this Town of Smithfield, System Development Fee Analysis and Revision #1 were prepared under my direct supervision. I also certify I am a duly Registered Professional Engineer under the laws of North Carolina

Registration # 9553

Kenneth M. Raber, P.E.



OVERVIEW

The Town of Smithfield (Town) retained Envirolink of North Carolina, LLC. to prepare an update to System Development Fee (SDF) analysis for Town's Water and Wastewater utility systems in order meet the requirements of General Statute 162A; Article 8, which provides that an SDF analysis is required to be updated every five years if an SDF fee is to remain in effect as part of the Town's Rate and Fee schedule.

This SDF is developed in accordance with and to meet the requirements of General Statute 162A; Article 8; System Development Fees. System development fees are one-time charges that may be used to fund capital improvements necessary for the expansion of a utility system or to properly allocate the capital investment made by existing customers on utility system that is available to serve new development or a combination thereof. The Town cannot implement or continue any form of "system development" charges or fees unless they are developed, reviewed, approved and administered in accordance with Article 8. The scope of this analysis is limited to the development of a calculated maximum appropriate SDF, should the Town wish to implement an SDF under Article 8.

The SDF developed within this analysis, for both water and wastewater, is based on Equivalent Residential Units (ERU) and an appropriate valuation of existing and planned (approved) facilities to be used by new development. The SDF, upon proper review and approval, can be implemented as a charge to be applied under the authority granted to the Town in accordance with General Statute 162A; Article 8; System Development Fees. (Subject to the appropriate Posting, Notice, Public Hearing and accounting requirements of Article 8.)

Other types (sizes) of connections are herein evaluated with respect to the capacity proportional to ERU and the SDF for other size connections. This analysis provides a SDF schedule for other size connections in accordance with established standards.

The SDF developed within this analysis for the Town, is based on information provided by the Town, is reasonably related to the capital facility demands of new development and / or the value of the existing system and/or proposed expansions of the system to be made available for new development. This report documents the data, methodology, assumptions and results of the requested SDF analysis.

The maximum SDF per Equivalent Residential Unit (ERU) calculated for the Town as provided by this analysis is \$595 for the Water System and \$763 for the Wastewater System. The details and components are provided in the following analysis.

SYSTEM INFRASTRUCTURE

The Town's Water System contains over 122 miles of distribution system lines and over 5,703 retail customers. The Town had an average daily use of 2.12 MGD and a capacity of 8.30 MGD. In addition to the Town's water use, the Town provides approximately 2.0 MGD in Water sales to Johnston County Utilities via a 16 inch connection. The Town maintains approximately 2 million gallons of potable water storage facilities throughout the system. The Town's distribution system is designed to convey all permitted water.

The Town's Wastewater system consists of over 93 miles of gravity pipes and 6 miles of force mains. The Wastewater system conveys an average of 2.14 MGD and a peak of 3.0 MGD to the Johnston County Utilities Wastewater Treatment Plant.

The Town has several ongoing capital projects for which funds have been expended and principal payments have been made that are not in the Inventory of Assets. The principal payments on these projects, if they qualify, have been included as the basis for the Incremental SDF calculation and include the following:

- (1) I&I Sand Removal Wastewater Project \$1.43 M Principal to Date \$1,032,267
- (2) Various Water & Wastewater Projects \$1.182 M Principal to Date \$863,051

REGULATORY REQUIREMENTS

In accordance with SESSION LAW 2017 138 HOUSE BILL 436 AN ACT TO PROVIDE FOR UNIFORM AUTHORITY TO IMPLEMENT SYSTEM DEVELOPMENT FEES FOR PUBLIC WATER AND SEWER SYSTEMS IN NORTH CAROLINA AND TO CLARIFY THE APPLICABLE STATUTE OF LIMITATIONS; General Statute 162A; Article 8; System Development Fees was enacted wherein a "system development fee" is described as:

162A 201. Definitions.

(9) System development fee. – A charge or assessment for service imposed with respect to new development to fund costs of capital improvements necessitated by and attributable to such new development, to recoup costs of existing facilities which serve such new development, or a combination of those costs, as provided in this Article. The term includes amortized charges, lump sum charges, and any other fee that functions as described by this definition regardless of terminology. The term does not include any of the following:

- a. A charge or fee to pay the administrative, plan review, or inspection costs associated with permits required for development.
- b. Tap or hookup charges for the purpose of reimbursing the local governmental unit for the actual cost of connecting the service unit to the system.
- c. Availability charges.
- d. Dedication of capital improvements on-site, adjacent, or ancillary to a development absent a written agreement providing for credit or reimbursement to the developer pursuant to G.S. 153A-280, 153A 451, 160A-320, 160A 499 or Part 3A of Article 18, Chapter 153A or Part 3D of Article 19, Chapter 160A of the General Statutes.
- e. Reimbursement to the local governmental unit for its expenses in constructing or providing for water or sewer utility capital improvements adjacent or ancillary to the development if the owner or developer has agreed to be financially responsible for such expenses; however, such reimbursement shall be credited to any system development fee charged as set forth in G.S. 162A 207(c).

In addition, General Statute 162A; Article 8; System Development Fees provides that the SDF analysis meet the following conditions:

162A 205. Supporting analysis.

A system development fee shall be calculated based on a written analysis, which may constitute or be included in a capital improvements plan, that:

- (1) Is prepared by a financial professional or a licensed professional engineer qualified by experience and training or education to employ generally accepted accounting, engineering, and planning methodologies to calculate system development fees for public water and sewer systems.
- (2) Documents in reasonable detail the facts and data used in the analysis and their sufficiency and reliability.
- (3) Employs generally accepted accounting, engineering, and planning methodologies, including the buy-in, incremental cost or marginal cost, and combined cost methods for each service, setting forth appropriate analysis as to the consideration and selection of a method appropriate to the circumstances and adapted as necessary to satisfy all requirements of this Article.
- (4) Documents and demonstrates the reliable application of the methodologies to the facts and data, including all reasoning, analysis, and interim calculations underlying each identifiable component of the system development fee and the aggregate thereof.
- (5) Identifies all assumptions and limiting conditions affecting the analysis and demonstrates that they do not materially undermine the reliability of conclusions reached.
- (6) Calculates a final system development fee per service unit of new development and includes an equivalency or conversion table for use in determining the fees applicable for various categories of demand.
- (7) Covers a planning horizon of not less than 10 years nor more than 20 years.
- (8) Is adopted by resolution or ordinance of the local governmental unit in accordance with G.S. 162A-209.

The "service unit of new development" is based on the following definition:

162A-201. Definitions.

- (8) Service unit. – A unit of measure, typically an equivalent residential unit, calculated in accordance with generally accepted engineering or planning standards.

In addition, there are certain minimum requirements required by the statute.

162A-207. Minimum requirements.

- (a) Maximum. – A system development fee shall not exceed that calculated based on the system development fee analysis.
- (b) Revenue Credit. – In applying the incremental cost or marginal cost, or the combined cost, method to calculate a system development fee with respect to water or sewer capital improvements, the system development fee analysis must include as part of that methodology a credit against the projected aggregate cost of water or sewer capital improvements. That credit shall be determined based upon generally accepted calculations and shall reflect a deduction of either the outstanding debt principal or the present value of projected water and sewer revenues received by the local governmental unit for the capital improvements necessitated by and attributable to such new development, anticipated over the course of the planning horizon. In no case shall the credit be less than twenty-five percent (25%) of the aggregate cost of capital improvements.
- (c) Construction or Contributions Credit. – In calculating the system development fee with respect to new development, the local governmental unit shall credit the value of costs in excess of the development's proportionate share of connecting facilities required to be oversized for

use of others outside of the development. No credit shall be applied, however, for water or sewer capital improvements on-site or to connect new development to water or sewer facilities.

AUTHORIZATION AND IMPLEMENTATION

The SDF proposed by the Town is authorized by General Statute 162A; Article 8; System Development Fees:

162A 203. Authorization of system development fee.

(a) A local governmental unit may adopt a system development fee for water or sewer service only in accordance with the conditions and limitations of this Article.

(b) A system development fee adopted by a local governmental unit under any lawful authority other than this Article and in effect on October 1, 2017, shall be conformed to the requirements of this Article not later than July 1, 2018.

Town is required by General Statute 162A; Article 8; System Development Fees to implement and maintain the proposed SDF through the following process:

162A-209. Adoption and periodic review.

(a) For not less than 45 days prior to considering the adoption of a system development fee analysis, the local governmental unit shall post the analysis on its Web site and solicit and furnish a means to submit written comments, which shall be considered by the preparer of the analysis for possible modifications or revisions.

(b) After expiration of the period for posting, the governing body of the local governmental unit shall conduct a public hearing prior to considering adoption of the analysis with any modifications or revisions. (c) The local governmental unit shall publish the system development fee in its annual budget or rate plan or ordinance. The local governmental unit shall update the system development fee analysis at least every five years.

COLLECTION AND USE OF REVENUE FROM SDF

162A 211. Use and administration of revenue.

(a) Revenue from system development fees calculated using the incremental cost method or marginal cost method, exclusively or as part of the combined cost method, shall be expended only to pay:

(1) Costs of constructing capital improvements including, and limited to, any of the following:

- a. Construction contract prices.
- b. Surveying and engineering fees.
- c. Land acquisition cost.
- d. Principal and interest on bonds, notes, or other obligations issued by or on behalf of the local governmental unit to finance any costs for an item listed in sub subdivisions a. through c. of this subdivision.

(2) Professional fees incurred by the local governmental unit for preparation of the system development fee analysis.

(3) If no capital improvements are planned for construction within five years or the foregoing costs are otherwise paid or provided for, then principal and interest on bonds, notes, or other obligations issued by or on behalf of a local governmental unit to finance the construction or acquisition of existing capital improvements.

(b) Revenue from system development fees calculated using the buy in method may be expended for previously completed capital improvements for which capacity exists and for capital rehabilitation projects. The basis for the buy in calculation for previously completed capital improvements shall be determined by using a generally accepted method of valuing the actual or replacement costs of the capital improvement for which the buy in fee is being collected less depreciation, debt credits, grants, and other generally accepted valuation adjustments.

(c) A local governmental unit may pledge a system development fee as security for the payment of debt service on a bond, note, or other obligation subject to compliance with the foregoing limitations.

(d) System development fee revenues shall be accounted for by means of a capital reserve fund established pursuant to Part 2 of Article 3 of Chapter 159 of the General Statutes and limited as to expenditure of funds in accordance with this section.

The Town is allowed to collect the SDF in when the following conditions are met:

162A 213. Time for collection of system development fees.

For new development involving the subdivision of land, the system development fee shall be collected by a local governmental unit either at the time of plat recordation or when water or sewer service for the subdivision or other development is committed by the local governmental unit. For all other new development, the local governmental unit shall collect the system development fee at the time of application for connection of the individual unit of development to the service or facilities.

SYSTEM DEVELOPMENT FEE CALCULATION METHODOLOGY

The following methodology was used to calculate the System Development Fee Buy In component for this analysis:

$$\frac{\text{SYSTEM CAPACITY (GPD)}}{\text{(GPD)/ EQUIVALENT RESIDENTIAL UNIT}} = \text{TOTAL EQUIVALENT RESIDENTIAL UNITS (SYSTEM)} \\ \text{(Based on Capacity of Each System)}$$

$$\frac{\text{SYSTEM VALUE (REPLACEMENT COST NEW LESS DEPRECIATION- ADJUSTED FOR DEBT, ETC.)}}{\text{TOTAL EQUIVALENT RESIDENTIAL UNITS (SYSTEM CAPACITY)}} =$$

$$= \text{SYSTEM DEVELOPMENT FEE (BUY IN) / EQUIVALENT RESIDENTIAL UNIT}$$

The following methodology was used to calculate the System Development Fee Incremental component for this analysis:

$$\frac{[\text{TOTAL PROJECT COST (TO DATE) - INTEREST (TO DATE)] = \text{TOTAL PRINCIPAL (TO DATE)}}{\text{TOTAL EQUIVALENT RESIDENTIAL UNITS (SYSTEM CAPACITY)}} =$$

$$= \text{SYSTEM DEVELOPMENT FEE (INCREMENTAL) / EQUIVALENT RESIDENTIAL UNIT}$$

DEVELOPMENT FEE CALCULATION METHODOLOGY BUY IN ASSET VALUATION

In accordance with General Statute 162A; Article 8; System Development Fees; (162A 205. Supporting analysis)... "A system development fee shall be calculated based on a written analysis, which may constitute or be included in a capital improvements plan, that:

- (3) Employs generally accepted accounting, engineering, and planning methodologies, including the buy-in, incremental cost or marginal cost, and combined cost methods for each service, setting forth appropriate analysis as to the consideration and selection of a method appropriate to the circumstances and adapted as necessary to satisfy all requirements of this Article."

The 7th edition of AWWA's "Principles of Water Rates, Fees, and Charges" documents methods used to calculate system value using descriptions similar to those in GS162A; Article 8. AWWA defines the most common options to determine the value for system development charges include the "buy in method", "incremental cost method" and "combined approach". These terms are:

- " 1. The buy in method is based on the value of the existing system's capacity. This method is typically used when the existing system has sufficient capacity to serve new development now and into the future.
- 2. The incremental cost method is based on the value or cost to expand the existing system's capacity. This method is typically used when the existing system has limited or

no capacity to serve new development and new or incremental facilities are needed to serve new development now and into the future.

3. The combined approach is based on a blended value of both the existing and expanded system's capacity. This method is typically used where some capacity is available in parts of the existing system (e.g., source of supply), but new or incremental capacity will need to be built in other parts (e.g., treatment plant) to serve new development at some point in the future."

AWWA's "Principles of Water Rates, Fees and Charges" documents several options to calculate the value of the existing system's capacity.

"Validation and system equity. There are different methods used to establish a value to the existing assets under the buy-in methodology. If the existing assets are valued at their original cost or depreciated original cost, this is often referred to as the original cost method. An alternative valuation approach is to value the existing assets at a replacement cost or a depreciated replacement cost. This is commonly referred to as the replacement cost method. According to the replacement cost method, the existing system components are valued at the current-day cost of replicating the existing assets. This is typically accomplished through the use of a construction cost index or other comparable valuation method to bring the historical costs up to current day value. In summary form the four valuation approaches for system assets under the buy-in method are as follows:

1. Original cost (OC) is the cost of construction in the year of construction.
2. Original cost less accumulated depreciation (OCLD) is also known as the net book value of the system assets.
3. Replacement cost new (RCN) is the original cost escalated to current day dollars, providing an estimate of the current day cost of replicating the existing facilities.
4. Replacement cost new less depreciation (RCNLD) is the original cost escalated to current day dollars, less accumulated replacement cost depreciation. This provides an estimate of the current day cost of duplicating the existing facilities that is then adjusted by an estimate of the replacement cost depreciation, resulting in a replacement cost valuation that reflects the remaining depreciable life of the facility."

"A combination of the approaches may also be used. Using the OC and OCLD valuations, the SDC reflects the original investment in the existing capacity. The new customer "buys in" to the capacity at the OC or the net book value cost (OCLD) for the facilities and as a result pays an amount similar to what the existing customers paid for the capacity (OC) or the remaining value of the original investment (OCLD)."

"Using the RCN and the RCNLD valuations, the SDC [System Development Charge] reasonably reflects the cost of providing new expansion capacity to customers as if the capacity was added at the time the new customers connected to the water system. It may also be thought of as a valuation method to fairly compensate the existing customers for the carrying costs of the excess capacity built into the system in advance of when the new customers connect to the system. This is because, up to the point of the new customer connecting to the system, the existing customers have been financially responsible for the carrying costs of that excess capacity that is available for development.

System liabilities and equity. Balance sheet liabilities and equity that are recognized in the valuation method should equitably address the issue of the outstanding principal portion of long-term debt. When debt is issued to finance a growth- or expansion-related project, the principal portion of the debt service will be repaid over time, possibly through a customer's rates after connection to the system and payment of an SDC. Given that, a debt credit may be applicable to avoid the potential double charging of these debt costs through both the SDC and user rates. In a situation where the SDC is separated into functional components (source of supply, treatment, pumping, transmission, etc.), the analysis may provide these debt credits at the functional level or on a combined system level at the end of the analysis."

"Valuation adjustments may be necessary if grants or other contributions were used to develop the capacity related facilities or if a facility is replaced and the resulting replacement provides additional capacity to accommodate future customers. This may be addressed within the valuation process by determining the percentage of the asset eligible for the SDC (i.e., percent SDC eligible). For example, if grants were provided specifically for the water treatment facilities, these grant contributions should be credited to the value (cost) of those specific facilities, and the grant-related portion of the water treatment plant's value should not be included in the SDC."

In addition, GS 162A 211 "Use and administration of revenue" paragraph (b) states "The basis for the buy in calculation for previously completed capital improvements shall be determined by using a generally accepted method of valuing the actual or replacement costs of the capital improvement for which the buy-in fee is being collected less depreciation, debt credits, grants, and other generally accepted valuation adjustments." Therefore, the AWWA methodologies of OCLD or RCNLD meets the requirements of this section.

The "buy in" methodology is used to value the existing infrastructure and the valuation of the complete infrastructure is based on Replacement Cost New Less Depreciation (RCNLD) to properly address the "carrying costs" of the existing system infrastructure borne by the existing customers.

Each system's value is then divided by the Town's total ERU for water or wastewater based on each system's capacity to determine the Buy In SDF / ERU.

SYSTEM DEVELOPMENT FEE CALCULATION METHODOLOGY INCREMENTAL ASSET VALUATION

The "incremental cost" methodology is used when additional facilities are needed to provide capacity due to additional growth or maintain service to ensure system reliability. During the development and construction of the additional facilities, these projects under construction would not be included as current capital assets of the Town. However, funds have been expended by the Town and revenues have been collected from the Town's existing customers for these facilities. These revenues have recouped costs to date for payments for actual equipment or facilities or the payment to date of principal and interest as part of the project financing. As a result, the existing customers, through the rates, have made a principal investment in the new projects which may not be included in the existing assets.

Therefore, it is appropriate to incorporate the valuation funds expended for these projects into the development of the SDF costs in order to adequately address principal investment made by the existing customers. The SDF analysis methodology used sums the principal paid to date for existing capital

expenditures that are not included in the Asset Inventory and excludes interest paid to date and other contributions for approved and implemented projects. This adequately addresses the requirements of Article 8 for the exclusion of interest and other contributions.

The "incremental cost" methodology described above is used to value facilities that are approved, for which funds have been expended and that are not included in the assets used by the "buy in" methodology described in the preceding section.

Each system's value of principal payments for ongoing projects is then divided by the Town's total ERU for water or wastewater based on each system's capacity to determine the Incremental SDF / ERU. For the comparison of the credit related to the Incremental SDF, the total payments to date by the existing customers is divided by the Town's existing ERU for water or wastewater based on the Town's maximum usage to date. This provides a more accurate comparison to the costs incurred by the existing customer base for the ongoing projects compared to the calculated Incremental SDF / ERU for new customers.

EQUIVALENT RESIDENTIAL UNIT TOTAL

In accordance with GS 162A 205 (6); the analysis is required to calculate "... a final system development fee per service unit of new development and includes an equivalency or conversion table for use in determining the fees applicable for various categories of demand." GS 162A 201(8) defines Service unit as "A unit of measure, typically an equivalent residential unit, calculated in accordance with generally accepted engineering or planning standards."

For this analysis, the SDF per ERU is based on the Total Equivalent Residential Units by Capacity for the Town. The Equivalent Residential Unit (ERU) is based on a demand of 360 gallons per day (GPD) for Wastewater use. (*NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom). The Total ERUs for water or wastewater are determined by dividing the system capacity GPD by the single ERU demand of 360 GPD for wastewater or 400 GPD for water (assumes 90 percent pass through to wastewater). This determines the Total ERU capable of being served by each system.

Water	System Capacity MGD	8.300	MGD
	System Capacity GPD	8,300,000	GPD
	Equivalent Residential Unit GPD *	<u>400</u>	GPD / ERU
	Total Equivalent Residential Units by Capacity	20,750	ERU (Capacity Based)

* NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom

Waste Water	System Capacity MGD	3.000	MGD
	System Capacity GPD	3,000,000	GPD
	Equivalent Residential Unit GPD	<u>360</u>	GPD / ERU
	Total Equivalent Residential Unit by Capacity	8,333	ERU (Capacity Based)
* NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom			X 90%

CALCULATION FOR VARIOUS CATEGORIES OF DEMAND

The analysis is also required to provide an equivalency or conversion table for use in determining the fees applicable for various categories of demand. The SDF for larger meters is determined by the SDF per ERU times the Capacity Factor for larger meters. The Capacity Factor methodology is consistent with industry standards and represents a reflection of the possible demand, and therefore the capital cost of providing service for different meter sizes. The AWWA based Capacity Factor chart below is used to calculate SDF for "various categories of demand" which is based on the installed tap / meter size.

Meter Size	AWWA (capacity)	Capacity Factor
5/8 inch	20	1.00
3/4 inch	30	1.50
1 inch	50	2.50
1-1/2 inch	100	5.00
2 inch	160	8.00
3 inch	300	15.00
4 inch	500	25.00
6 inch	1,000	50.00
8 inch	1,600	80.00
10 inch	2,300	115.00
12 inch	4,300	215.00

SYSTEM DEVELOPMENT FEE and CALCULATED SYSTEM DEVELOPMENT FEE

The calculated SDF shown below for the Town was developed using the System Development Fee Methodology described previously for the Buy-In and Incremental portions and utilizes the utility asset and capacity information provided by the Town. An SDF can be implemented after completing the required posting, notice and public hearing requirements, which includes addressing any comments received during the posting period. The Town can choose to implement a SDF that is less than or equal to the calculated SDF (Buy-In, Incremental or Total) as determined by this analysis.

SYSTEM DEVELOPMENT FEE

Water System Capital Assets = Equivalent residential Unit (ERU) SDF (Buy in) \$595
 Water System CIP = Incremental Cost/ERU/CIP Plan SDF

Water System System Development fee per ERU \$595

Wastewater System Capital Assets = Equivalent Residential Unit SDF (Buy in) \$763
 Wastewater System CIP = Incremental Cost/ERU/CIP Plan SDF

Wastewater System System Development Fee per ERU \$763

Total System Development Fee per ERU \$1,358

Meter Size	AWWA (GPM capacity)	Capacity Factor	Water SDF	Waste Water SDF	Total SDF
5/8 inch	20	1.00	\$ 595.00	\$ 763.00	\$ 1,358.00
3/4 inch	30	1.50	\$ 893.00	\$ 1,145.00	\$ 2,038.00
1 inch	50	2.50	\$ 1,480.00	\$ 1,908.00	\$ 3,388.00
1-1/2 inch	100	5.00	\$ 2,975.00	\$ 3,815.00	\$ 6,790.00
2 inch	160	8.00	\$ 4,760.00	\$ 6,104.00	\$ 10,864.00
3 inch	300	15.00	\$ 8,925.00	\$ 11,445.00	\$ 20,370.00
4 inch	500	25.00	\$ 14,875.00	\$ 19,075.00	\$ 33,950.00
6 inch	1,000	50.00	\$ 29,750.00	\$ 38,150.00	\$ 67,900.00

Residential Customers are to be under 5/8 inch meter size unless additional capacity is required for adequate service. Commercial, Industrial, Institutional, and Irrigation meters maximum should be based actual meter / tap size.

CALCULATED SYSTEM DEVELOPMENT FEE

System Development Fee Based on RCNLD and Capacity (Actual Calculation)

Water System Capital Assets = Equivalent residential Unit (ERU) SDF (Buy in) \$594.62
 Water System CIP 0 (Incremental)

Water System System Development fee per ERU \$594.62

Wastewater System Capital Assets = Equivalent Residential Unit SDF	(Buy in)	\$763.27
Wastewater System CIP	0	(Incremental)
Wastewater System	System Development Fee per ERU	\$763.27
Total System development Fee per ERU		\$1,357.89

SYSTEM ASSETS VALUE REPLACEMENT COST NEW LESS DEPRECIATION (BUY IN)

The following charts show the calculation of each system's (Water or Wastewater) Replacement Cost New Less Depreciation, adjusted for outstanding debt, and adjusted for any assets currently in service but not included in the most recent Audited assets to determine the system asset value. The asset value for each system is then divided by the total Equivalent Residential Units (ERU) of capacity for that system to determine the SDF per ERU.

WATER

Asset Line #	Water System Asset Description 2022 Asset List	[1] Original Cost	[2] Dep Yrs	[3] Accrued Depreciation	[4] Yr Install	[5] % Dep	[6] Ins Yr Index	[7] 2022 Index	[8] RCN Factor	[9] RCN	[10] RCNLD
	WATER PLANT - NOT INCLUDED	\$ 17,899,500		\$ 417,366	2022		236.8	236.8	1	\$ 17,598,500	\$ 17,181,194
38	ALUM SLUDGE HANDLING FA (MOVED FROM WW)	\$ 8,373	60	\$ 2,887	2005	35.67%	112.1	236.8	2.112	\$ 7,168	\$ 11,379
213	HYDROGRITTER (MOVED FROM WW)	\$ 32,606	10	\$ 32,606	2018	60.00%	174.6	236.8	1.356	\$ 73,704	\$ 29,481
214	SLUDGE PRESS (MOVED FROM WW)	\$ 83,000	10	\$ 48,342	2018	58.33%	174.6	236.8	1.356	\$ 112,568	\$ 49,717
218	SLUDGE PRESS PUMP (MOVED FROM WW)	\$ 16,817	10	\$ 9,110	2018	53.59%	183.3	236.8	1.292	\$ 20,175	\$ 8,406
608	Sludge press/destoring system (MOVED FROM WW)	\$ 268,929	10	\$ 107,922	2019	40.00%	186.8	236.8	1.268	\$ 342,179	\$ 205,308
660	200 amp panel & 112.5 kva 1 transformer - (MOVED FROM WW)	\$ 17,963	10	\$ 69,411	2019	30.83%	186.8	236.8	1.268	\$ 22,779	\$ 15,756
665	2-WAY ELECTRONIC CONTROL VALVES-2 (MOVED FROM WW)	\$ 36,640	10	\$ 14,286	2019	40.00%	186.8	236.8	1.268	\$ 45,180	\$ 27,108
710	SAND DIRT PUMP # (MOVED FROM WW)	\$ 30,881	20	\$ 3,342	2015	10.83%	167.6	236.8	1.413	\$ 43,589	\$ 38,867
327	LOH & ROF WATERFILTER CO. (MOVED FROM WW)	\$ 49,965	20	\$ 17,596	2016	35.42%	174.6	236.8	1.356	\$ 67,765	\$ 43,764
328	CHLORINE DIOXIDE SYSTEM (MOVED FROM WW)	\$ 154,544	30	\$ 44,303	1999	30.00%	89.39	236.8	2.649	\$ 355,881	\$ 249,116
627	SLUDGE SYSTEM (MOVED FROM WW)	\$ 1,249,884	30	\$ 966,964	1996	77.34%	81.79	236.8	2.895	\$ 3,618,620	\$ 819,954
194	DOUBLE WALL DAYTANK 26 - (MOVED FROM WW)	\$ 17,505	10	\$ 17,018	2014	96.67%	161.6	236.8	1.465	\$ 25,797	\$ 860
196	INSTANTVALVE COJ APETIE. (MOVED FROM WW)	\$ 38,355	10	\$ 31,808	2014	82.50%	161.6	236.8	1.465	\$ 56,496	\$ 9,887
684	BOOKER DARY RD ENGR & COH VST. (MOVED FROM WW)	\$ 1,686,588	20	\$ 284,618	2018	17.92%	183.3	236.8	1.292	\$ 2,052,222	\$ 1,684,533
00036	CONSTRUCTION OF NEW OFFICE	\$ 6,933,213	30	\$ 9,200,47	1999	89.17%	89.39	236.8	2.649	\$ 18,421	\$ 1,995
00047	IMPROVEMENTS TO WATER P	\$ 26,762,00	30	\$ 85,734.13	2020	41.67%	198	236.8	1.196	\$ 246,083	\$ 149,548
00687	Riverbank Const & Refurb	\$ 313,995.00	20	\$ 3,613.30	2020	11.25%	198	236.8	1.196	\$ 375,406	\$ 333,173
00711	Filter Rehab No. 1	\$ 82,260.00	10	\$ 7,196.81	2022	8.75%	236.8	236.8	1.000	\$ 82,250	\$ 75,063
00755	CLX Online Residual Closing A	\$ 29,680.57	30	\$ 17,748.34	2006	60.00%	112.1	236.8	2.112	\$ 62,486	\$ 26,994
00177	DECHLORINATION SYSTEM	\$ 22,609.00	30	\$ 14,483.98	2011	65.88%	142.8	236.8	1.658	\$ 37,492	\$ 12,794
00190	ECLIPSE SAMPLING STATION	\$ 10,428.48	10	\$ 8,063.64	2014	58.33%	161.6	236.8	1.465	\$ 15,277	\$ 6,305
00196	NESHAP COMPLIANCE SERVIC	\$ 11,280.00	10	\$ 6,821.13	2014	58.33%	161.6	236.8	1.465	\$ 16,485	\$ 6,889
00197	NESHAP COMPLIANCE SERVIC	\$ 11,260.00	10	\$ 6,821.13	2014	58.33%	161.6	236.8	1.465	\$ 16,485	\$ 6,889
00198	TANK 20,000 GAL FERRIC SUL	\$ 27,860.00	10	\$ 21,883.71	2015	77.50%	167.6	236.8	1.413	\$ 39,349	\$ 8,854
00200	SOLARBEE GS 12 MIKER	\$ 16,868.00	10	\$ 11,091.02	2015	70.83%	167.6	236.8	1.413	\$ 22,123	\$ 6,453
00204	TNH ANALYZER	\$ 32,600.00	10	\$ 22,749.34	2015	70.00%	167.6	236.8	1.413	\$ 45,919	\$ 13,776
00206	LAB TOC ANALYZER	\$ 23,600.00	10	\$ 16,449.84	2016	70.00%	174.6	236.8	1.356	\$ 31,872	\$ 9,562
00207	GENERATOR/VFDs	\$ 87,700.00	10	\$ 81,082.57	2017	62.50%	175.8	236.8	1.347	\$ 131,600	\$ 49,350
00208	STORAGE TANK 10,000 GAL (1	\$ 11,087.48	10	\$ 8,101.49	2017	52.50%	175.8	236.8	1.347	\$ 14,908	\$ 7,081
00209	STORAGE TANK 10,000 GAL (2	\$ 11,087.48	10	\$ 8,101.49	2018	52.50%	174.6	236.8	1.356	\$ 15,010	\$ 7,130
00212	MCC CABINET	\$ 25,000.00	10	\$ 14,899.92	2018	60.00%	174.6	236.8	1.356	\$ 33,906	\$ 13,563
00531	REPAIRS TO WATER PLANT FIL	\$ 322,469.28	50	\$ 94,888.61	1997	29.37%	85.74	236.8	2.762	\$ 890,525	\$ 629,019
00550	AMONIA TREAT SYSTEM	\$ 189,101.00	50	\$ 61,634.66	1999	38.68%	89.39	236.8	2.649	\$ 421,462	\$ 258,455
00551	AMONIA STORAGE TANK	\$ 8,890.00	20	\$ 3,141.32	2018	35.34%	183.3	236.8	1.292	\$ 11,485	\$ 7,427
00688	WATERLINE INSTALL 16" FRANK JONES RD	\$ 198,629.50	40	\$ 23,173.40	2021	11.67%	200.9	236.8	1.179	\$ 234,124	\$ 206,810
00203	BACKHOE LOADER 420F	\$ 81,800.00	10	\$ 58,691.73	2015	68.33%	167.6	236.8	1.413	\$ 115,150	\$ 36,644
00210	GENERATOR/ENGINE PUMP ST	\$ 13,063.67	10	\$ 7,184.98	2017	55.00%	175.8	236.8	1.347	\$ 17,597	\$ 7,919
00657	SOFTWARE TYLER FINANCIAL	\$ 46,760.69	20	\$ 27,848.17	2019	68.33%	186.8	236.8	1.268	\$ 51,658	\$ 16,358
00324	FIRE HYDRANT REPLACEMENT	\$ 48,781.82	20	\$ 22,481.62	2013	45.00%	157.5	236.8	1.503	\$ 74,846	\$ 41,166
00553	16" WATER LINE IN SERV 16825	\$ 142,428.00	50	\$ 93,626.34	1989	65.67%	73.74	236.8	3.211	\$ 457,376	\$ 157,030
00554	12" WATER LINE IN SERV 11,476	\$ 88,860.00	50	\$ 48,211.60	1989	65.67%	73.74	236.8	3.211	\$ 221,101	\$ 75,911
00555	8" WATER LINE IN SERVICE 22	\$ 119,600.00	50	\$ 74,632.01	1987	65.67%	70.22	236.8	3.372	\$ 382,774	\$ 131,418
00556	8" WATERLINE IN SERVICE 20	\$ 362,459.88	50	\$ 247,778.36	1989	70.30%	73.74	236.8	3.211	\$ 1,131,870	\$ 336,175
00557	2" WATER LINE IN SERVICE 29	\$ 69,000.00	50	\$ 38,844.66	1989	65.50%	73.74	236.8	3.211	\$ 189,488	\$ 65,368
00558	1 1/2" WATER LINE IN SERV 6	\$ 10,860.00	50	\$ 7,106.41	1989	65.50%	73.74	236.8	3.211	\$ 34,843	\$ 12,022
00559	10" WATERLINE IN SERV 1400	\$ 6,200.00	50	\$ 3,466.64	1991	65.51%	73.58	236.8	3.218	\$ 16,928	\$ 5,839
00560	ASSORTED W & S	\$ 46,167.88	50	\$ 40,397.64	1993	62.00%	77.31	236.8	3.063	\$ 199,589	\$ 75,845
00561	8" & 6" INSERT VALVES AND S	\$ 8,946.87	50	\$ 4,829.46	1994	58.01%	79.36	236.8	2.984	\$ 20,729	\$ 8,705
00562	WEST SMITHFIELD WATER SY	\$ 466,974.00	50	\$ 408,828.28	1997	87.68%	85.74	236.8	2.762	\$ 1,288,006	\$ 158,656
00563	RELOCA TE WATERLINE ON M	\$ 23,192.00	50	\$ 11,834.17	1997	50.16%	85.74	236.8	2.762	\$ 64,050	\$ 31,920
00564	WATER TAP @WAL-MART	\$ 23,288.00	50	\$ 11,776.14	1998	49.33%	87.49	236.8	2.707	\$ 64,603	\$ 32,733
00565	WAL PATRO WATER MAIN	\$ 61,663.20	50	\$ 26,268.10	2000	49.00%	91.9	236.8	2.577	\$ 132,864	\$ 67,760
00566	RPLACE WATERLINE BETWEEN	\$ 14,862.60	50	\$ 6,380.49	2000	48.00%	91.9	236.8	2.577	\$ 37,755	\$ 21,521
00567	WATER LINE HOLLAND DR	\$ 217,027.30	50	\$ 98,863.84	2000	44.17%	91.9	236.8	2.577	\$ 559,217	\$ 312,230
00571	METER BOX IN SERVICE 3,686	\$ 223,148.76	50	\$ 148,833.93	1989	65.67%	73.74	236.8	3.211	\$ 716,607	\$ 246,037
00572	6" FRODND	\$ 221,340.00	50	\$ 145,346.60	1989	65.67%	73.74	236.8	3.211	\$ 710,799	\$ 244,041
00609	BOOKER DARY RD EXT	\$ 123,120.00	20	\$ 24,824.00	2018	20.00%	183.3	236.8	1.292	\$ 159,055	\$ 127,244
00647	OLD GOLDSBORO RD TIEWO WATER SERVICE	\$ 43,734.00	20	\$ 6,200.12	2018	18.75%	183.3	236.8	1.292	\$ 56,499	\$ 45,905
00648	SECOND STREET WATERLINE REPLACEMENT	\$ 86,785.00	20	\$ 8,884.82	2018	17.92%	183.3	236.8	1.292	\$ 72,067	\$ 59,155
00660	WATERAIA	\$ 163,902.60	20	\$ 30,048.92	2018	18.33%	183.3	236.8	1.292	\$ 211,741	\$ 172,922

Water System Value Replacement Cost New Less Depreciation 24,694,812

Less Debt in original report 306,528

Less water plant debt added in revision 12,050,000

Less Grants, Contributions, Etc. 12,356,528

Water System Value for System Development Fee / 12,338,284

Appendix D Water System Total Equivalent Residential Units by Capacity 20,750

Water System = Equivalent Residential Unit (ERU) SDF \$ 594.62

WASTEWATER	Asset Line #	Waste Water System Asset Description 2022 Asset List	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
			Original Cost	Dep Yrs	Accrued Depreciation	Yr Install	% Dep	Ins Yr Index	2022 RCN	RCN	RCN	RCNLD
	211	DRI- PRIMEDISEEL PUMP MOVED FROM WATER	\$ 39,748	10	20205.11	2012	50.83%	175.8	236.8	1.347	\$ 53,540	\$ 26,324
	552	CJR OFF VALVE IN SERVICE - MOVED FROM WATER	\$ 44,325	50	29107.34	1999	66.67%	73.74	236.8	3.211	\$ 142,343	\$ 48,869
	00651	PUMP W/ 20 HP MOTOR	\$ 26,871	10	8,285	2018	30.83%	183.3	236.8	1.292	\$ 34,714	\$ 24,010
	00681	REMOTE SITE PLC & RADIO SYSTEM	\$ 31,981	10	4,397	2021	13.75%	200.9	236.8	1.179	\$ 37,695	\$ 32,512
	00528	UPGRADING OF INSTRUMENT	\$ 27,920	50	14,894	1987	53.35%	85.743	236.8	2.762	\$ 77,108	\$ 35,975
	00666	60x60 CONCRETE VAULTS W/12" BYPASS LINES	\$ 38,500	20	7,700	2019	20.00%	186.8	236.8	1.268	\$ 48,805	\$ 39,044
	00694	2022 FORD TRANSIT CONNECT	\$ 23,620	5	5,118	2021	21.67%	200.9	236.8	1.179	\$ 27,841	\$ 21,809
	00682	SEWER LINE REPLACEMENT - 104 CR86VIEW ST	\$ 41,436	20	5,697	2020	13.75%	198	236.8	1.196	\$ 49,556	\$ 42,742
	00686	SEWER REPLACEMENT - DURHAM ST & FUTRELL ST	\$ 106,940	20	15,595	2020	14.58%	198	236.8	1.196	\$ 127,896	\$ 109,245
	00709	WATER SEWER LINE REPAIR - HWY 301 ACROSS FROM HOSPITAL	\$ 21,940	40	9,325	2021	42.50%	200.9	236.8	1.179	\$ 25,861	\$ 14,870
	00735	WATER/SEWER LINE REPLACEMENT	\$ 28,155	40	6,335	2022	22.50%	236.8	236.8	1.000	\$ 28,155	\$ 21,820
	00736	CLAYTON PUMP STATION REPLACE VALVE IN EXIST. VAULT	\$ 40,500	40	5,063	2022	12.50%	236.8	236.8	1.000	\$ 40,500	\$ 35,438
	00741	BY-PASS PUMPING & HDSES	\$ 65,230	50	6,523	1989	10.00%	73.739	236.8	3.211	\$ 209,476	\$ 188,528
	00149	MOTOR J. @ PUMP STATION	\$ 5,000	10	3,264	2022	65.29%	155.4	236.8	1.524	\$ 7,619	\$ 2,645
	00199	MINI EXCAVATOR - CATERPIL	\$ 60,879	10	47,181	2014	77.50%	161.6	236.8	1.465	\$ 89,209	\$ 20,072
	00201	SCA0A - 9 STATIONS/FLOWER	\$ 51,753	10	40,109	2015	77.50%	167.6	236.8	1.413	\$ 73,121	\$ 16,452
	00202	GRINDER - LIFT STATION #3	\$ 29,688	10	21,029	2015	70.83%	167.6	236.8	1.413	\$ 41,946	\$ 12,234
	00205	AIR COMPRESSOR DOOSAN PO	\$ 21,924	10	14,799	2017	67.50%	175.8	236.8	1.347	\$ 29,531	\$ 9,598
	00216	PUMP 50 HP FAIRNLI PUMP STA	\$ 14,900	10	7,823	2017	52.50%	175.8	236.8	1.347	\$ 20,070	\$ 9,533
	00217	PUMP 50 HP FAIRNLI PUMP STA	\$ 14,900	10	7,823	2017	52.50%	175.8	236.8	1.347	\$ 20,070	\$ 9,533
	00218	CONTROL PANEL PUMP STATION	\$ 45,840	10	24,066	2018	52.50%	183.3	236.8	1.292	\$ 59,219	\$ 28,129
	00646	2019 RAMPANT TRAILER	\$ 8,090	10	3,169	2016	39.17%	183.3	236.8	1.292	\$ 10,451	\$ 6,358
	00652	PUMP	\$ 29,920	5	10,971	2019	36.67%	186.8	236.8	1.268	\$ 37,929	\$ 24,022
	00683	US JETTING TRAILER JETTER	\$ 49,500	30	6,188	2004	12.50%	100.3	236.8	2.361	\$ 116,865	\$ 102,257
	00313	12 INCH LINE BUFFALO RD	\$ 165,005	30	97,062	2004	58.82%	100.3	236.8	2.361	\$ 389,563	\$ 160,407
	00314	FLANDERS FILTER PROJECT	\$ 154,902	30	92,941	2008	60.00%	124.2	236.8	1.907	\$ 295,337	\$ 118,135
	00318	IMPROVEMENTS TO LIFT STAT	\$ 93,026	30	497,080	2011	53.33%	142.8	236.8	1.658	\$ 1,545,545	\$ 721,254
	00319	BOOKER DAIRY SEWER LINE	\$ 110,000	20	40,333	2011	36.67%	142.8	236.8	1.658	\$ 182,409	\$ 115,525
	00320	BUFFALO ROAD METER POINT	\$ 135,988	30	74,793	2011	55.00%	142.8	236.8	1.658	\$ 225,503	\$ 101,476
	00321	WAI MART/BAYHILL LINE LOO	\$ 51,261	30	18,796	2011	36.67%	142.8	236.8	1.658	\$ 85,004	\$ 53,836
	00322	HOSPITAL ROAD W/S LINE	\$ 350,811	20	128,631	2013	36.67%	157.5	236.8	1.503	\$ 527,442	\$ 334,046
	00323	WEST SMITHFIELD I&I	\$ 49,848	20	22,432	2013	45.00%	157.5	236.8	1.503	\$ 74,946	\$ 41,220
	00325	SEWER LINE REHAB I 95	\$ 176,518	20	79,433	2014	45.00%	161.6	236.8	1.465	\$ 258,659	\$ 142,263
	00326	HWY 70 BRIDGE REPLACEMENT	\$ 372,810	50	149,124	1989	40.00%	73.739	236.8	3.211	\$ 1,197,220	\$ 718,332
	00560	ASSORTED W&S	\$ 65,158	50	40,398	1993	62.00%	77.305	236.8	3.063	\$ 199,589	\$ 75,845
	00569	WEST SMITHFIELD WASTEWATER	\$ 7,957	50	3,448	1989	43.33%	73.739	236.8	3.211	\$ 25,553	\$ 14,481
	00573	MAMHOLE IN SERV 1032	\$ 33,930	50	22,281	1990	65.67%	75.5	236.8	3.136	\$ 106,419	\$ 36,537
	00574	6" SEWER LINE 15,775 FT	\$ 31,550	50	20,349	1990	64.50%	75.5	236.8	3.136	\$ 98,954	\$ 35,130
	00575	8" SEWER LINE 170,797 FT	\$ 170,797	50	110,164	1990	64.50%	75.5	236.8	3.136	\$ 535,692	\$ 190,172
	00576	10" SEWER LINE 13,875 FT	\$ 41,625	50	26,849	1990	64.50%	75.5	236.8	3.136	\$ 130,554	\$ 46,345
	00577	12" SEWER LINE 22,300 FT	\$ 66,900	50	43,151	1994	64.50%	79.358	236.8	2.984	\$ 199,626	\$ 70,867
	00578	WEST SMITHFIELD SEWER SYS	\$ 1,969,668	50	1,361,082	1996	69.10%	83.767	236.8	2.827	\$ 5,568,059	\$ 1,720,414
	00579	INSTALL MANHOLE 120 SEWER	\$ 8,500	50	4,350	1997	51.17%	85.743	236.8	2.762	\$ 23,475	\$ 11,462
	00580	REPAIR TO 12" SEWER 2ND ST	\$ 7,298	50	3,709	1997	50.83%	85.743	236.8	2.762	\$ 20,154	\$ 9,910
	00581	12" SEWERLINE REPLACEMENT	\$ 31,890	50	15,945	1998	50.00%	87.491	236.8	2.707	\$ 86,312	\$ 43,156
	00582	SEWERLINE CONSTRUCTION	\$ 44,406	50	21,167	2001	47.67%	93.3	236.8	2.538	\$ 112,705	\$ 58,982
	00583	REPLACE SEWER LINE	\$ 42,227	50	17,704	1999	41.93%	73.739	236.8	3.211	\$ 135,605	\$ 78,751
	00584	PUMP	\$ 18,000	20	11,820	2014	65.67%	161.6	236.8	1.465	\$ 26,376	\$ 9,056
	00595	PUMP STATION #1 TOP REPLACEMENT	\$ 52,760	20	21,543	2015	40.83%	167.6	236.8	1.413	\$ 74,544	\$ 44,105
	00596	WILSON ST LINE REPLACEMENT	\$ 30,520	20	10,937	2015	35.83%	167.6	236.8	1.413	\$ 43,121	\$ 27,669
	00597	SEWER LINE REPLACEMENT R	\$ 25,589	20	8,956	2017	35.00%	175.8	236.8	1.347	\$ 34,468	\$ 22,404
	00598	PUMP STATION #7 REPAIR	\$ 116,821	20	30,665	2014	26.25%	183.3	236.8	1.292	\$ 150,918	\$ 111,302
	00602	NC 210 SEWER LINE & P35 UPGD	\$ 309,155	20	61,831	2018	20.00%	183.3	236.8	1.292	\$ 399,389	\$ 319,511
	00661	LIFT STATION #12 UPGRADE & 4" MAIN REPLACE	\$ 209,902	20	41,980	2018	20.00%	183.3	236.8	1.292	\$ 271,167	\$ 216,934
	00662	SEWER AIA	\$ 155,101	20	27,789	2018	17.92%	183.3	236.8	1.292	\$ 200,370	\$ 164,471
	00663	SANITARY SEWER REPLACEMENT DURHAM ST	\$ 179,778	20	35,956	2012	20.00%	175.8	236.8	1.347	\$ 242,159	\$ 193,727
	00649	2019 FORD F250 2WD REG CAB	\$ 29,051	5	20,820	2018	71.67%	183.3	236.8	1.292	\$ 37,530	\$ 10,634
	00718	2022 FORD RANGER SUPERCAP 4WD 2.3L ECOBOOST	\$ 25,648	5	427	2022	1.67%	236.8	236.8	1.000	\$ 25,648	\$ 25,221
		Waste Water System			Value Replacement Cost New Less Depreciation						\$ 6,925,598.09	
Append					Less Debt						\$ 565,273.00	
					Less Grants, Contributions, Etc.						\$ -	
											\$ 565,273.00	
		Waste Water System			Value for System Development Fee						\$ 6,360,325.09	
Append		Waste Water System			Total Equivalent Residential Unit by Capacity						8,333	
		Waste Water System			= Equivalent Residential Unit (ERU) SDF						\$ 763.27	

[1] June 30, 2022 Financial Data
[2] June 30, 2022 Financial Data
[3] June 30, 2022 Financial Data
[4] June 30, 2022 Financial Data
[5] Percent of Asset Depreciation (3)/(1)
[6] RCMass Index Annual 2022 for Installed Date Appendix C
[7] RCMass Index Annual 2022 Appendix C
[8] Replacement Cost New Factor (7)/(6)
[9] Replacement Cost New (1)/(2)
[10] Replacement Cost New Less Depreciation ((1)-(3)) + (9)
[11] Email pd discussion with Town Staff 10/21-25/2023

CALCULATION OF SYSTEM DEVELOPMENT FEES (Incremental)

The following chart shows the calculation of each system's (Water or Wastewater) SDF / ERU for Incremental costs, considering each project in progress which is not in the current asset inventory, for which debt has been incurred, and payments (principal and interest) that have been made through July 1, 2023.

Also shown is a comparison of the Incremental SDF / ERU based on the respective system capacity versus the total cost per existing ERU based on the system peak capacity to date to illustrate the credit (reduction of cost per ERU) for incremental customers versus the existing customer peak capacity.

For each project, the SDF cost to date versus the total cost per existing ERU must be greater than 25% for the project to be used as an incremental cost

Revision 1, November 5, 2023, adds the water plant to the list of assets

Asset	Year install	Accrued depreciation	Total Debt	RCNLD
Water Plant	2022	\$417,306	\$12,050,000	\$171,81,194

calculation of incremental / Marginal cost based on the total principal paid to date which equates to the value of the asset to be applied on a per EBU basis for the SDF. SDF vs Total Cost must be >25%
 incremental / Marginal cost method is use for each project until such time as the assets are recognized in the financials.
 that time, the buy in method (reg) will take over since the remaining debt is deducted from the asset value.
 calculation use projected end of year ERU Total to appropriately reflect projected growth.

Incremental Cost Calculation Use Only For Approved Capital Improvement Projects (Under Construction, Debt or Obligation Issued and Not in Assets)

CO	TO	Project Description	CIP Projects	CIP Project Cost Net Grants and Contributions	Working Projects in CP (10 Yr. Plan Capital Cost)	Working Projects (Total Including Interest)	Plan Cost (Interest)	To Date (Outstanding Debt Principal)	To Date Asset for SDF (Principal To Date)	To Date Cost & Debt Svc Existing Customers	To Date Cost & Debt Svc ERU*	SDF / ERU* (Principal to Date)	Credit % Inc SDF vs Project
		Water System									8,333	8,333	
DE		1 \$8.5M Standalone	VV \$1,400,000	\$1,400,000	\$1,400,000	\$1,810,000	\$231,000	\$473,978	\$88,082	\$1,527,917	\$103,564	\$114,73	18% NO
DE		2 \$1.5M Projects	VV \$485,200	\$485,200	\$485,200	\$611,300	\$85,500	\$189,686	\$335,544	\$85,146	\$46,34	\$40,39	13% NO
		Water System										20,750	20,750
DE		Water System (2 \$1.5M Projects)	VV \$885,200	\$885,200	\$885,200	\$1,061,785	\$135,955	\$284,700	\$500,500	\$57,138	\$27,53	\$24,12	12% NO
DE		Water System (2 \$1.5M Projects)	VV \$2,019,200	\$2,019,200	\$2,019,200	\$2,456,725	\$318,497	\$503,584	\$1,728,285	\$189,081	\$80,70	\$83,29	8% NO

APPENDICES AND ADDITIONAL INFORMATION

GENERAL ASSEMBLY OF NORTH CAROLINA SESSION 2017 SESSION LAW 2017-138

HOUSE BILL 436

H436-v-6

AN ACT TO PROVIDE FOR UNIFORM AUTHORITY TO IMPLEMENT SYSTEM DEVELOPMENT FEES FOR PUBLIC WATER AND SEWER SYSTEMS IN NORTH CAROLINA AND TO CLARIFY THE APPLICABLE STATUTE OF LIMITATIONS.

The General Assembly of North Carolina enacts:

SECTION 1. Chapter 162A of the General Statutes is amended by adding a new Article to read:

"Article 8.

"System Development Fees.

"§ 162A-200. Short title.

This Article shall be known and may be cited as the "Public Water and Sewer System Development Fee Act."

"§ 162A-201. Definitions.

The following definitions apply in this Article:

(1) Capital improvement. – A planned facility or expansion of capacity of an existing facility other than a capital rehabilitation project necessitated by and attributable to new development.

(2) Capital rehabilitation project. – Any repair, maintenance, modernization, upgrade, update, replacement, or correction of deficiencies of a facility, including any expansion or other undertaking to increase the preexisting level of service for existing development.

(3) Existing development. – Land subdivisions, structures, and land uses in existence at the start of the written analysis process required by G.S. 162A-205, no more than one year prior to the adoption of a system development fee.

(4) Facility. – A water supply, treatment, storage, or distribution facility, or a wastewater collection, treatment, or disposal facility, including for reuse or reclamation of water, owned or operated, or to be owned or operated, by a local governmental unit and land associated with such facility.

(5) Local governmental unit. – Any political subdivision of the State that owns or operates a facility, including those owned or operated pursuant to local act of the General Assembly or pursuant to Part 2 of Article 2 of Chapter 130A, Article 15 of Chapter 153A, Article 16 of Chapter 160A, or Articles 1, 4, 5, 5A, or 6 of Chapter 162A of the General Statutes.

(6) New development. – Any of the following occurring after the date a local government begins the written analysis process required by G.S. 162A-205, no more than one year prior to the adoption of a system development fee, which increases the capacity necessary to serve that development:

a. The subdivision of land.

Page 2 Session Law 2017-138 House Bill 436

b. The construction, reconstruction, redevelopment, conversion, structural alteration, relocation, or enlargement of any structure which increases the number of service units.

c. Any use or extension of the use of land which increases the number of service units.

(7) Service. – Water or sewer service, or water and sewer service, provided by a local governmental unit.

(8) Service unit. – A unit of measure, typically an equivalent residential unit, calculated in accordance with generally accepted engineering or planning standards.

(9) System development fee. – A charge or assessment for service imposed with respect to new development to fund costs of capital improvements necessitated by and attributable to such new

development, to recoup costs of existing facilities which serve such new development, or a combination of those costs, as provided in this Article. The term includes amortized charges, lump-sum charges, and any other fee that functions as described by this definition regardless of terminology. The term does not include any of the following:

- a. A charge or fee to pay the administrative, plan review, or inspection costs associated with permits required for development.
- b. Tap or hookup charges for the purpose of reimbursing the local governmental unit for the actual cost of connecting the service unit to the system.
- c. Availability charges.
- d. Dedication of capital improvements on-site, adjacent, or ancillary to a development absent a written agreement providing for credit or reimbursement to the developer pursuant to G.S. 153A-280, 153A-451, 160A-320, 160A-499 or Part 3A of Article 18, Chapter 153A or Part 3D of Article 19, Chapter 160A of the General Statutes.
- e. Reimbursement to the local governmental unit for its expenses in constructing or providing for water or sewer utility capital improvements adjacent or ancillary to the development if the owner or developer has agreed to be financially responsible for such expenses; however, such reimbursement shall be credited to any system development fee charged as set forth in G.S. 162A-207(c).

(10) System development fee analysis. – An analysis meeting the requirements of G.S. 162A-205.

"§ 162A-202. Reserved.

"§ 162A-203. Authorization of system development fee.

- (a) A local governmental unit may adopt a system development fee for water or sewer service only in accordance with the conditions and limitations of this Article.
- (b) A system development fee adopted by a local governmental unit under any lawful authority other than this Article and in effect on October 1, 2017, shall be conformed to the requirements of this Article not later than July 1, 2018.

"§ 162A-204. Reserved.

"§ 162A-205. Supporting analysis.

A system development fee shall be calculated based on a written analysis, which may constitute or be included in a capital improvements plan, that:

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- (1) Is prepared by a financial professional or a licensed professional engineer qualified by experience and training or education to employ generally accepted accounting, engineering, and planning methodologies to calculate system development fees for public water and sewer systems.
- (2) Documents in reasonable detail the facts and data used in the analysis and their sufficiency and reliability.
- (3) Employs generally accepted accounting, engineering, and planning methodologies, including the buy-in, incremental cost or marginal cost, and combined cost methods for each service, setting forth appropriate analysis as to the consideration and selection of a method appropriate to the circumstances and adapted as necessary to satisfy all requirements of this Article.
- (4) Documents and demonstrates the reliable application of the methodologies to the facts and data, including all reasoning, analysis, and interim calculations underlying each identifiable component of the system development fee and the aggregate thereof.
- (5) Identifies all assumptions and limiting conditions affecting the analysis and demonstrates that they do not materially undermine the reliability of conclusions reached.
- (6) Calculates a final system development fee per service unit of new development and includes an equivalency or conversion table for use in determining the fees applicable for various categories of demand.

(7) Covers a planning horizon of not less than 10 years nor more than 20 years.

(8) Is adopted by resolution or ordinance of the local governmental unit in accordance with G.S. 162A-209.

"§ 162A-206. Reserved.

"§ 162A-207. Minimum requirements.

(a) Maximum. A system development fee shall not exceed that calculated based on the system development fee analysis.

(b) Revenue Credit. – In applying the incremental cost or marginal cost, or the combined cost, method to calculate a system development fee with respect to water or sewer capital improvements, the system development fee analysis must include as part of that methodology a credit against the projected aggregate cost of water or sewer capital improvements. That credit shall be determined based upon generally accepted calculations and shall reflect a deduction of either the outstanding debt principal or the present value of projected water and sewer revenues received by the local governmental unit for the capital improvements necessitated by and attributable to such new development, anticipated over the course of the planning horizon. In no case shall the credit be less than twenty-five percent (25%) of the aggregate cost of capital improvements.

(c) Construction or Contributions Credit. – In calculating the system development fee with respect to new development, the local governmental unit shall credit the value of costs in excess of the development's proportionate share of connecting facilities required to be oversized for use of others outside of the development. No credit shall be applied, however, for water or sewer capital improvements on-site or to connect new development to water or sewer facilities.

"§ 162A-208. Reserved.

"§ 162A-209. Adoption and periodic review.

(a) For not less than 45 days prior to considering the adoption of a system development fee analysis, the local governmental unit shall post the analysis on its Web site and solicit and furnish a means to submit written comments, which shall be considered by the preparer of the analysis for possible modifications or revisions.

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(b) After expiration of the period for posting, the governing body of the local governmental unit shall conduct a public hearing prior to considering adoption of the analysis with any modifications or revisions.

(c) The local governmental unit shall publish the system development fee in its annual budget or rate plan or ordinance. The local governmental unit shall update the system development fee analysis at least every five years.

"§ 162A-210. Reserved.

"§ 162A-211. Use and administration of revenue.

(a) Revenue from system development fees calculated using the incremental cost method or marginal cost method, exclusively or as part of the combined cost method, shall be expended only to pay:

(1) Costs of constructing capital improvements including, and limited to, any of the following:

a. Construction contract prices.

b. Surveying and engineering fees.

c. Land acquisition cost.

d. Principal and interest on bonds, notes, or other obligations issued by or on behalf of the local governmental unit to finance any costs for an item listed in sub-subdivisions a. through c. of this subdivision.

(2) Professional fees incurred by the local governmental unit for preparation of the system development fee analysis.

(3) If no capital improvements are planned for construction within five years or the foregoing costs are otherwise paid or provided for, then principal and interest on bonds, notes, or other obligations issued by or on behalf of a local governmental unit to finance the construction or acquisition of existing capital improvements.

(b) Revenue from system development fees calculated using the buy-in method may be expended for previously completed capital improvements for which capacity exists and for capital rehabilitation projects. The basis for the buy-in calculation for previously completed capital improvements shall be determined by using a generally accepted method of valuing the actual or replacement costs of the capital improvement for which the buy-in fee is being collected less depreciation, debt credits, grants, and other generally accepted valuation adjustments.

(c) A local governmental unit may pledge a system development fee as security for the payment of debt service on a bond, note, or other obligation subject to compliance with the foregoing limitations.

(d) System development fee revenues shall be accounted for by means of a capital reserve fund established pursuant to Part 2 of Article 3 of Chapter 159 of the General Statutes and limited as to expenditure of funds in accordance with this section.

"§ 162A-212. Reserved.

"§ 162A-213. Time for collection of system development fees.

For new development involving the subdivision of land, the system development fee shall be collected by a local governmental unit either at the time of plat recordation or when water or sewer service for the subdivision or other development is committed by the local governmental unit. For all other new development, the local governmental unit shall collect the system development fee at the time of application for connection of the individual unit of development to the service or facilities.

"§ 162A-214. Reserved.

"§ 162A-215. Narrow construction.

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Notwithstanding G.S. 153A-4 and G.S. 160A-4, in any judicial action interpreting this Article, all powers conferred by this Article shall be narrowly construed to ensure that system development fees do not unduly burden new development."

SECTION 2. G.S. 130A-64 reads as rewritten:

"§ 130A-64. Service charges and rates.

(a) A sanitary district board shall apply service charges and rates based upon the exact benefits derived. These service charges and rates shall be sufficient to provide funds for the maintenance, adequate depreciation and operation of the work of the district. If reasonable, the service charges and rates may include an amount sufficient to pay the principal and interest maturing on the outstanding bonds and, to the extent not otherwise provided for, bond anticipation notes of the district. Any surplus from operating revenues shall be set aside as a separate fund to be applied to the payment of interest on or to the retirement of bonds or bond anticipation notes. The sanitary district board may modify and adjust these service charges and rates.

(b) The district board may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes."

SECTION 3. G.S. 153A-277 reads as rewritten:

"§ 153A-277. Authority to fix and enforce rates.

(a) A county may establish and revise from time to time schedules of rents, rates, fees, charges, and penalties for the use of or the services furnished or to be furnished by a public enterprise. Schedules of rents, rates, fees, charges, and penalties may vary for the same class of service in different areas of the county and may vary according to classes of service, and different schedules may be adopted for services provided outside of the county. A county may include a fee relating

to subsurface discharge wastewater management systems and services on the property tax bill for the real property where the system for which the fee is imposed is located.

...

(a2) A county may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes.

...."

SECTION 4.(a) G.S. 160A-314 reads as rewritten:

"§ 160A-314. Authority to fix and enforce rates.

(a) A city may establish and revise from time to time schedules of rents, rates, fees, charges, and penalties for the use of or the services furnished or to be furnished by any public enterprise. Schedules of rents, rates, fees, charges, and penalties may vary according to classes of service, and different schedules may be adopted for services provided outside the corporate limits of the city.

...

(e) A city may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes."

SECTION 4.(b) G.S. 160A-317 is amended by adding a new subsection to read:

"(a4) System Development Fees. – A city may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes."

SECTION 5.(a) G.S. 162A-6(a) is amended by adding a new subdivision to read:

"(9a) To impose and require system development fees only in accordance with Article 8 of this Chapter."

SECTION 5.(b) G.S. 162A-9 is amended by adding a new subsection to read:

"(a5) An authority may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 6.(a) G.S. 162A-36(a) is amended by adding a new subdivision to read:

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"(8a) To impose and require system development fees only in accordance with Article 8 of this Chapter."

SECTION 6.(b) G.S. 162A-49 reads as rewritten:

"§ 162A-49. Rates and charges for services.

(a) The district board may fix, and may revise from time to time, rents, rates, fees and other charges for the use of land for the services furnished or to be furnished by any water system or sewerage system or both. Such rents, rates, fees and charges shall not be subject to supervision or regulation by any bureau, board, commission, or other agency of the State or of any political subdivision. Any such rents, rates, fees and charges pledged to the payment of revenue bonds of the district shall be fixed and revised so that the revenues of the water system or sewerage system or both, together with any other available funds, shall be sufficient at all times to pay the cost of maintaining, repairing and operating the water system or the sewerage system or both, the revenues of which are pledged to the payment of such revenue bonds, including reserves for such purposes, and to pay the interest on and the principal of such revenue bonds as the same shall become due and payable and to provide reserves therefor. If any such rents, rates, fees and charges are pledged to the payment of any general obligation bonds issued under this Article, such rents, rates, fees and charges shall be fixed and revised so as to comply with the requirements of such pledge. The district board may provide methods for collection of such rents, rates, fees and charges and measures for enforcement of collection thereof, including penalties and the denial or discontinuance of service.

(b) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 7.(a) G.S. 162A-69 is amended by adding a new subdivision to read:

"(8a) To impose and require system development fees only in accordance with Article 8 of this Chapter."

SECTION 7.(b) G.S. 162A-72 reads as rewritten:

"§ 162A-72. Rates and charges for services.

(a) The district board may fix, and may revise from time to time, rents, rates, fees and other charges for the use of and for the services furnished or to be furnished by any sewerage system. Such rents, rates, fees and charges shall not be subject to supervision or regulation by any bureau, board, commission, or other agency of the State or of any political subdivision. Any such rents, rates, fees and charges pledged to the payment of revenue bonds of the district shall be fixed and revised so that the revenues of the sewerage system, together with any other available funds, shall be sufficient at all times to pay the cost of maintaining, repairing and operating the sewerage system the revenues of which are pledged to the payment of such revenue bonds, including reserves for such purposes, and to pay the interest on and the principal of such revenue bonds as the same shall become due and payable and to provide reserves therefor. If any such rents, rates, fees and charges are pledged to the payment of any general obligation bonds issued under this Article, such rents, rates, fees and charges shall be fixed and revised so as to comply with the requirements of such pledge. The district board may provide methods for collection of such rents, rates, fees and charges and measures for enforcement of collection thereof, including penalties and the denial or discontinuance of service.

(b) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 8. G.S. 162A-85.13 is amended by adding a new subsection to read:

"(a) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 9. G.S. 162A-88 reads as rewritten:

"§ 162A-88. District is a municipal corporation.

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(a) The inhabitants of a county water and sewer district created pursuant to this Article are a body corporate and politic by the name specified by the board of commissioners. Under that name they are vested with all the property and rights of property belonging to the corporation; have perpetual succession; may sue and be sued; may contract and be contracted with; may acquire and hold any property, real and personal, devised, sold, or in any manner conveyed, dedicated to, or otherwise acquired by them, and from time to time may hold, invest, sell, or dispose of the same; may have a common seal and alter and renew it at will; may establish, revise and collect rates, fees or other charges and penalties for the use of or the services furnished or to be furnished by any sanitary sewer system, water system or sanitary sewer and water system of the district; and may exercise those powers conferred on them by this Article.

(b) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 10.(a) G.S. 1-52(15) reads as rewritten:

"(15) For the recovery of taxes paid as provided in G.S. 105-381.G.S. 105-381 or for the recovery of an unlawful fee, charge, or exaction collected by a county, municipality, or other unit of local government for water or sewer service or water and sewer service."

SECTION 10.(b) This section is to clarify and not alter G.S. 1-52.

SECTION 11. Sections 1 through 9 of this act become effective October 1, 2017, and apply to system development fees imposed on or after that date. Section 10 of this act, being a clarifying amendment, has retroactive effect and applies to claims accrued or pending prior to and after the date that section becomes law. Nothing in this act provides retroactive authority for any system development fee, or any similar fee

for water or sewer services to be furnished, collected by a local governmental unit prior to October 1, 2017. The remainder of this act is effective when it becomes law and applies to claims accrued or pending prior to and after that date.

In the General Assembly read three times and ratified this the 29th day of June 2017.

s/ Daniel J. Forest
President of the Senate

s/ Tim Moore
Speaker of the House of Representatives

s/ Roy Cooper

Governor Approved 4:13 p.m. this 20th day of July, 2017

Appendix B

Revision 1, November 5, 2023, adds the water plant debt to the total debt.
 Water Plant Debt - \$12,050,000

Debt related to Assets included in Water and Waste Water					
WW	I&I Sand Removal			\$250,428	
WW	W&S Proj			\$159,224	
WW	Booker Dairy			\$155,621	
TOTAL				\$565,273	Page 17
W	I&I Sand Removal			\$147,304	
W	W&S Proj			\$159,224	
TOTAL				\$306,528	Page 15
				\$871,801	

Appendix C

RSMMeans Index January 2023 for
Calendar Year 2022 Raleigh NC Base

Year	Index		Year	Index	
2022	236.8	1.00	1999	89.4	0.38
2021	200.9	0.85	1998	87.5	0.37
2020	198.0	0.84	1997	85.7	0.36
2019	186.8	0.79	1996	83.8	0.35
2018	183.3	0.77	1995	81.8	0.35
2017	175.8	0.74	1994	79.4	0.34
2016	174.6	0.74	1993	77.3	0.33
2015	167.6	0.71	1992	75.6	0.32
2014	161.6	0.68	1991	73.6	0.31
2013	157.5	0.67	1990	75.5	0.32
2012	155.4	0.66	1989	73.7	0.31
2011	142.8	0.60	1988	72.0	0.30
2010	140.6	0.59	1987	70.2	0.30
2009	145.1	0.61	1986	67.4	0.28
2008	135.3	0.57	1985	67.6	0.29
2007	132.1	0.56	1984	67.1	0.28
2006	124.2	0.52	1983	65.6	0.28
2005	112.1	0.47	1982	62.3	0.26
2004	100.3	0.42			
2003	97.8	0.41			
2002	96.3	0.41			
2001	93.3	0.39			
2000	91.9	0.39			

Appendix D

CALCULATION OF SYSTEM EQUIVALENT RESIDENTIAL UNITS BY CAPACITY

Year 2023

Projected Growth Rate	3.0%
Miles of Line	63
Average Daily Use Water	2.12 MGD
Water System Capacity	8.30 MGD
Average Daily Use Waste Water	2.15
Waste Water System Capacity	3.00 MGD

ERU By Capacity			
ERU GPD Water use	20,750	400 GPD	
ERU GPD Waste Water Use	8,333	360 GPD	0.9 X Water GPD

Water System Capacity	8,300,000 GPD /	400	GPD / ERU =	20,750	ERU TOTAL WATER SYSTEM CAPACITY
Waste Water System Capacity	3,000,000 GPD /	360	GPD / ERU =	8,333	ERU TOTAL WASTE WATER SYSTEM CAPACITY

* NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom

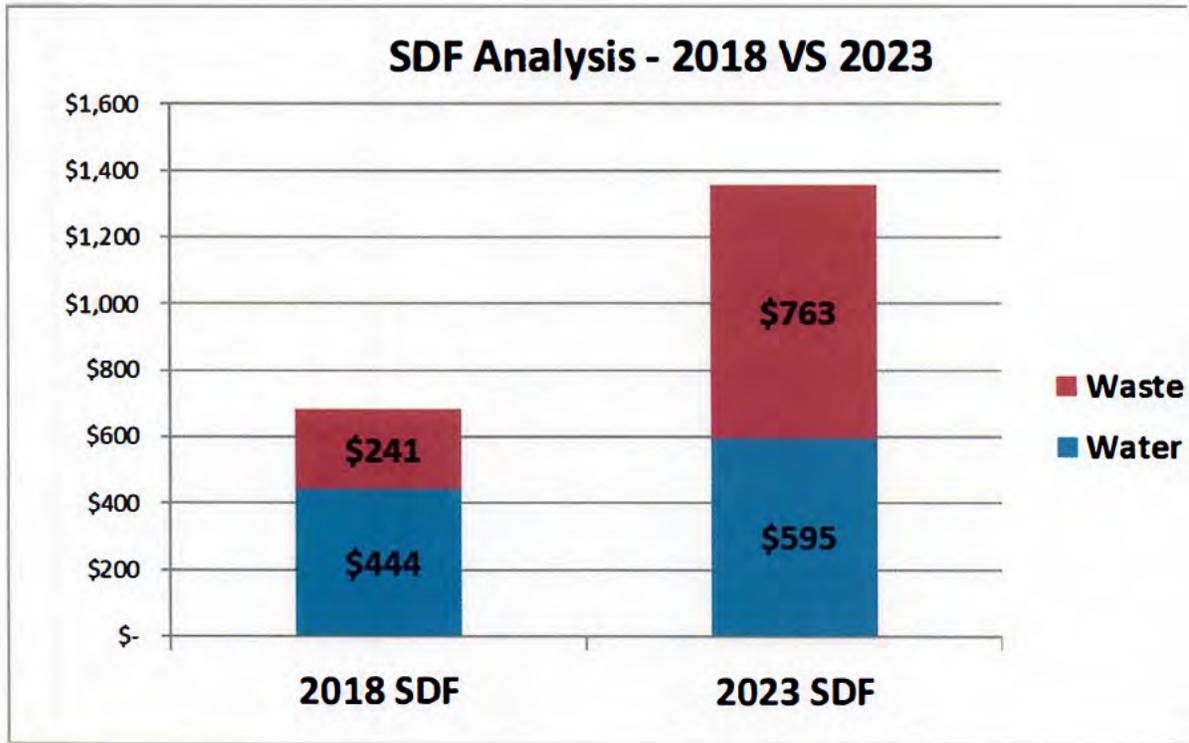
Water	System Capacity MGD	8.300	MGD
	System Capacity GPD	8,300,000	GPD
	Equivalent Residential Unit GPD *	<u>400</u>	GPD / ERU
	Total Equivalent Residential Units by Capacity	20,750	ERU (Capacity Based)
* NCAdministrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom			
Waste Water	System Capacity MGD	3.000	MGD
	System Capacity GPD	3,000,000	GPD
	Equivalent Residential Unit GPD	<u>360</u>	GPD / ERU
	Total Equivalent Residential Unit by Capacity	8,333	ERU (Capacity Based)
* NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom X 90%			

Appendix F
 INCREMENTAL SDF CALCULATION

I&I SAND REMOVAL							
Loan		\$1,430,000.00					
Interest				2.90%			
Year							10
Payment		\$83,056.94					
Period	Beginning Balance	Payment	Principal	Interest	Cummulative Principal	Cummulative Interest	Ending Balance
9/1/2016	\$1,430,000.00	\$83,056.94	\$61,861.17	\$21,195.77	\$61,861.17	\$21,195.77	\$1,368,138.83
3/1/2017	\$1,368,138.83	\$83,056.94	\$63,000.20	\$20,056.74	\$124,861.37	\$41,252.51	\$1,305,138.63
9/1/2017	\$1,305,138.63	\$83,056.94	\$62,886.21	\$20,170.73	\$187,747.58	\$61,423.24	\$1,242,252.42
3/1/2018	\$1,242,252.42	\$83,056.94	\$63,876.72	\$19,180.22	\$251,624.30	\$80,603.46	\$1,178,375.70
9/1/2018	\$1,178,375.70	\$83,056.94	\$65,970.49	\$17,086.45	\$317,594.79	\$97,689.91	\$1,112,405.21
3/1/2019	\$1,112,405.21	\$83,056.94	\$66,927.06	\$16,129.88	\$384,521.85	\$113,819.79	\$1,045,478.15
9/1/2019	\$1,045,478.15	\$83,056.94	\$67,897.51	\$15,159.43	\$452,419.36	\$128,979.22	\$977,580.64
3/1/2020	\$977,580.64	\$83,056.94	\$68,882.02	\$14,174.92	\$521,301.38	\$143,154.14	\$908,698.62
9/1/2020	\$908,698.62	\$83,056.94	\$69,880.81	\$13,176.13	\$591,182.19	\$156,330.27	\$838,817.81
3/1/2021	\$838,817.81	\$83,056.94	\$70,894.08	\$12,162.86	\$662,076.27	\$168,493.13	\$767,923.73
9/1/2021	\$767,923.73	\$83,056.94	\$71,922.05	\$11,134.89	\$733,998.32	\$179,628.02	\$696,001.68
3/1/2022	\$696,001.68	\$83,056.94	\$72,964.92	\$10,092.02	\$806,963.24	\$189,720.04	\$623,036.76
9/1/2022	\$623,036.76	\$83,056.94	\$74,022.91	\$9,034.03	\$880,986.15	\$198,754.07	\$549,013.85
3/1/2023	\$549,013.85	\$83,056.94	\$75,096.24	\$7,960.70	\$956,082.39	\$206,714.77	\$473,917.61
9/1/2023	\$473,917.61	\$83,056.94	\$76,185.13	\$6,871.81	\$1,032,267.52	\$213,586.58	\$397,732.48
3/1/2024	\$397,732.48	\$83,056.94	\$77,289.82	\$5,767.12	\$1,109,557.34	\$219,353.70	\$320,442.66
9/1/2024	\$320,442.66	\$83,056.94	\$78,410.52	\$4,646.42	\$1,187,967.86	\$224,000.12	\$242,032.14
3/1/2025	\$242,032.14	\$83,056.94	\$79,547.47	\$3,509.47	\$1,267,515.33	\$227,509.59	\$162,484.67
9/1/2025	\$162,484.67	\$83,056.94	\$80,700.91	\$2,356.03	\$1,348,216.24	\$229,865.62	\$81,783.76
3/1/2026	\$81,783.76	\$82,969.62	\$81,783.76	\$1,185.86	\$1,430,000.00	\$231,051.48	\$0.00
		\$415,284.70			\$1,661,051.48		Total Principal & Interest
					\$473,917.61		Outstanding Debt Principal
					\$1,162,797.16		Cost to existing Customers

W&S PROJECTS							
Loan		\$1,181,500.00					
Interest				1.03%			
Year				10			
Payment		\$65,671.14					
Period	Beginning Balance	Payment	Principal	Interest	Cummulative Principal	Cummulative Interest	Ending Balance
9/1/2016	\$1,181,500.00	\$65,671.14	\$53,501.69	\$12,169.45	\$53,501.69	\$12,169.45	\$1,127,998.31
3/1/2017	\$1,127,998.31	\$65,671.14	\$54,052.76	\$11,618.38	\$107,554.45	\$23,787.83	\$1,073,945.55
9/1/2017	\$1,073,945.55	\$65,671.14	\$54,609.50	\$11,061.64	\$162,163.95	\$34,849.47	\$1,019,336.05
3/1/2018	\$1,019,336.05	\$65,671.14	\$55,171.98	\$10,499.16	\$217,335.93	\$45,348.63	\$964,164.07
9/1/2018	\$964,164.07	\$65,671.14	\$55,740.25	\$9,930.89	\$273,076.18	\$55,279.52	\$908,423.82
3/1/2019	\$908,423.82	\$65,671.14	\$56,314.37	\$9,356.77	\$329,390.55	\$64,636.29	\$852,109.45
9/1/2019	\$852,109.45	\$65,671.14	\$56,894.41	\$8,776.73	\$386,284.96	\$73,413.02	\$795,215.04
3/1/2020	\$795,215.04	\$65,671.14	\$57,480.43	\$8,190.71	\$443,765.39	\$81,603.73	\$737,734.61
9/1/2020	\$737,734.61	\$65,671.14	\$58,072.47	\$7,598.67	\$501,837.86	\$89,202.40	\$679,662.14
3/1/2021	\$679,662.14	\$65,671.14	\$58,670.62	\$7,000.52	\$560,508.48	\$96,202.92	\$620,991.52
9/1/2021	\$620,991.52	\$65,671.14	\$59,274.93	\$6,396.21	\$619,783.41	\$102,599.13	\$561,716.59
3/1/2022	\$561,716.59	\$65,671.14	\$59,885.46	\$5,785.68	\$679,668.87	\$108,384.81	\$501,831.13
9/1/2022	\$501,831.13	\$65,671.14	\$60,502.28	\$5,168.86	\$740,171.15	\$113,553.67	\$441,328.85
3/1/2023	\$441,328.85	\$65,671.14	\$61,125.45	\$4,545.69	\$801,296.60	\$118,099.36	\$380,203.40
9/1/2023	\$380,203.40	\$65,671.14	\$61,755.04	\$3,916.10	\$863,051.64	\$122,015.46	\$318,448.36
3/1/2024	\$318,448.36	\$65,671.14	\$62,391.12	\$3,280.02	\$925,442.76	\$125,295.48	\$256,057.24
9/1/2024	\$256,057.24	\$65,671.14	\$63,033.75	\$2,637.39	\$988,476.51	\$127,932.87	\$193,023.49
3/1/2025	\$193,023.49	\$65,671.14	\$63,683.00	\$1,988.14	\$1,052,159.51	\$129,921.01	\$129,340.49
9/1/2025	\$129,340.49	\$65,671.14	\$64,338.93	\$1,332.21	\$1,116,498.44	\$131,253.22	\$65,001.56
3/1/2026	\$65,001.56	\$65,671.08	\$65,001.56	\$669.52	\$1,181,500.00	\$131,922.74	\$0.00
				\$131,922.74	\$1,313,422.74	Total Principal & Interest	
Total WW	\$496,230	\$551,638	42.00%	WW	\$555,550.58		
Total W	\$685,270		58.00%	W	\$757,872.16		
Water Project Total		\$761,785			\$1,313,422.74		
Total	\$1,181,500	\$685,270					
Interest	\$131,923	\$76,515					
W To Date	\$863,052	9/1/2023				Principal	Interest to Date
						\$863,052	\$122,015
					Total		\$985,067
	0.58	Ratio of water projects to total					
Project Cost	\$1,181,500.00					Princ & Interest Water Project	
Prin to Date	\$863,051.64	\$500,570	Water Proj			To Date Paid	\$571,339
Prin Total	\$988,476.51	\$573,316	Water Proj				
Outstanding debt Principal		\$184,700					

Booker Dairy Relocation							
Loan		\$2,037,249.00					
Interest		1.02%					
Year		7					
Payment		\$156,837.63					
Period	Beginning Balance	Payment	Principal	Interest	Cummulative Principal	Cummulative Interest	Ending Balance
9/23/2017	\$2,037,249.00	\$156,837.63	\$136,159.55	\$20,678.08	\$136,159.55	\$20,678.08	\$1,901,089.45
3/23/2018	\$1,901,089.45	\$156,837.63	\$137,541.57	\$19,296.06	\$273,701.12	\$39,974.14	\$1,763,547.88
9/23/2018	\$1,763,547.88	\$156,837.63	\$138,937.62	\$17,900.01	\$412,638.74	\$57,874.15	\$1,624,610.26
3/23/2019	\$1,624,610.26	\$156,837.63	\$140,347.83	\$16,489.80	\$552,986.57	\$74,363.95	\$1,484,262.43
9/23/2019	\$1,484,262.43	\$156,837.63	\$141,772.36	\$15,065.27	\$694,758.93	\$89,429.22	\$1,342,490.07
3/23/2020	\$1,342,490.07	\$156,837.63	\$143,211.35	\$13,626.28	\$837,970.28	\$103,055.50	\$1,199,278.72
9/23/2020	\$1,199,278.72	\$156,837.63	\$144,664.95	\$12,172.68	\$982,635.23	\$115,228.18	\$1,054,613.77
3/23/2021	\$1,054,613.77	\$156,837.63	\$146,133.30	\$10,704.33	\$1,128,768.53	\$125,932.51	\$908,480.47
9/23/2021	\$908,480.47	\$156,837.63	\$147,616.55	\$9,221.08	\$1,276,385.08	\$135,153.59	\$760,863.92
3/23/2022	\$760,863.92	\$156,837.63	\$149,114.86	\$7,722.77	\$1,425,499.94	\$142,876.36	\$611,749.06
9/23/2022	\$611,749.06	\$156,837.63	\$150,628.38	\$6,209.25	\$1,576,128.32	\$149,085.61	\$461,120.68
3/23/2023	\$461,120.68	\$156,837.63	\$152,157.25	\$4,680.38	\$1,728,285.57	\$153,765.99	\$308,963.43
9/23/2023	\$308,963.43	\$156,837.63	\$153,701.65	\$3,135.98	\$1,881,987.22	\$156,901.97	\$155,261.78
3/23/2024	\$155,261.78	\$156,837.69	\$155,261.78	\$1,575.91	\$2,037,249.00	\$158,477.88	(\$0.00)
			\$308,963.43		\$2,195,726.88	Total Principal & Interest	



Town of Smithfield
Johnston County, North Carolina

System Development Fee Analysis

PROVIDED BY:



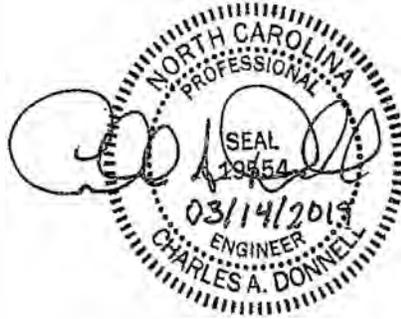
ENVIROLINK

March 14, 2019

Town of Smithfield

System Development Fee Analysis

March 14, 2019



[seal]

OVERVIEW

The Town of Smithfield (Town) retained EnviroLink, Inc. to prepare a System Development Fee (SDF) analysis for Town's Water and Waste Water utility systems in order to evaluate the potential level of a SDF fee if implemented as part of the Town's Rate and Fee schedule.

This SDF is developed in accordance with and to meet the requirements of General Statute 162A; Article 8; System Development Fees. System development fees are one-time charges that may be used to fund capital improvements necessary for the expansion of a utility system or to properly allocate the capital investment made by existing customers on utility system that is available to serve new development or a combination thereof. The Town cannot implement or continue any form of "system development" charges or fees unless they are developed, reviewed, approved and administered in accordance with Article 8. The scope of this analysis is limited to the development of a calculated maximum appropriate SDF, should the Town wish to implement a SDF under Article 8.

The SDF developed within this analysis, for both water and waste water, is based on Equivalent Residential Units (ERU) and an appropriate valuation of existing and planned (approved) facilities to be used by new development. The SDF, upon proper review and approval, can be implemented as a charge to be applied under the authority granted to the Town in accordance with General Statute 162A; Article 8; System Development Fees. (Subject to the appropriate Posting, Notice, Public Hearing and accounting requirements of Article 8.)

Other types (sizes) of connections are herein evaluated on an individual basis with respect to the capacity proportional to REU and the SDF for other size connections. This analysis provides a SDF schedule for other size connections in accordance with established standards.

The SDF developed within this analysis for the Town, is based on information provided by the Town, is reasonably related to the capital facility demands of new development and / or the value of the existing system and/or proposed expansions of the system to be made available for new development. This report documents the data, methodology, assumptions and results of the requested SDF analysis.

The maximum SDF per Equivalent Residential Unit (ERU) calculated for the Town as provided by this analysis is \$443.67 for the Water System and \$241.19 for the Waste Water System. The details and components are provided in the following analysis.

SYSTEM INFRASTRUCTURE

The following information was provided by the Town's staff in January, 2019 or obtained from information provided to the Division of Water Resources Local Water Supply Plan for 2017.

The Town's Water System contains over 116 miles of distribution system lines and over 5,703 retail customers. The Town has a river withdrawal permit limit of 6.2 Million Gallons per Day (MGD) and has never exceeded that amount. The Town had a Maximum Daily Use of 5.05 MGD during August 2017 and a calculated Average Daily Use of 3.428 MGD during 2017. In addition to the Town's water use, the Town provides approximately 2.0 MGD in Water sales to Johnston County Utilities via a 16 inch connection. The Town maintains approximately 2 million gallons of potable water storage facilities throughout the system. The Town assumes that the distribution system can convey all permitted water and uses 6.2 MGD as the operational capacity for planning purposes.

The Town's Waste Water system consists of over 85 miles of gravity pipes and 6 miles of force mains. The Waste Water system conveys an average of 2.0 MGD and a peak of 3.4 MGD to the Johnston County Utilities Waste Water Treatment Plant. The Town operates 18 lift stations with a combined capability of approximately 9.0 MGD, which have an assumed operational limit of 7.2 MGD.

The Town has several ongoing capital projects for which funds have been expended and principal payments have been made that are not in the Inventory of Assets. The principal payments on these projects have been included as the basis for the Incremental SDF calculation and include the following:

- (1) I&I Sand Removal - Waste Water Project - \$1.43 M - Principal to Date \$317,594.79
- (2) Various Water & Waste Water Projects - \$1.182 M - Principal to Date \$273,076.18
- (3) Booker Dairy Road Relocation - Water Project - \$2.037 M - Principal to Date \$412,638.74

In addition, during June 2018, the Town completed a 10 Year Capital Improvement Plan (CIP) for the Water and Waste Water system. The CIP outlines major capital projects and the Town is proceeding with obtaining financing for a number of these projects; however no financing has been completed for these projects.

REGULATORY REQUIREMENTS

In accordance with SESSION LAW 2017-138 HOUSE BILL 436 - AN ACT TO PROVIDE FOR UNIFORM AUTHORITY TO IMPLEMENT SYSTEM DEVELOPMENT FEES FOR PUBLIC WATER AND SEWER SYSTEMS IN NORTH CAROLINA AND TO CLARIFY THE APPLICABLE STATUTE OF LIMITATIONS; General Statute 162A; Article 8; System Development Fees was enacted wherein a "system development fee" is described as:

162A-201. Definitions.

(9) System development fee. – A charge or assessment for service imposed with respect to new development to fund costs of capital improvements necessitated by and attributable to such new development, to recoup costs of existing facilities which serve such new development, or a combination of those costs, as provided in this Article. The term includes amortized charges, lump-sum charges, and any other fee that functions as described by this definition regardless of terminology. The term does not include any of the following:

- a. A charge or fee to pay the administrative, plan review, or inspection costs associated with permits required for development.
- b. Tap or hookup charges for the purpose of reimbursing the local governmental unit for the actual cost of connecting the service unit to the system.
- c. Availability charges.
- d. Dedication of capital improvements on-site, adjacent, or ancillary to a development absent a written agreement providing for credit or reimbursement to the developer pursuant to G.S. 153A-280, 153A-451, 160A-320, 160A-499 or Part 3A of Article 18, Chapter 153A or Part 3D of Article 19, Chapter 160A of the General Statutes.
- e. Reimbursement to the local governmental unit for its expenses in constructing or providing for water or sewer utility capital improvements adjacent or ancillary to the development if the owner or developer has agreed to be financially responsible for such expenses; however, such reimbursement shall be credited to any system development fee charged as set forth in G.S. 162A-207(c).

In addition, General Statute 162A; Article 8; System Development Fees provides that the SDF analysis meet the following conditions:

162A-205. Supporting analysis.

A system development fee shall be calculated based on a written analysis, which may constitute or be included in a capital improvements plan, that:

- (1) Is prepared by a financial professional or a licensed professional engineer qualified by experience and training or education to employ generally accepted accounting, engineering, and planning methodologies to calculate system development fees for public water and sewer systems.
- (2) Documents in reasonable detail the facts and data used in the analysis and their sufficiency and reliability.
- (3) Employs generally accepted accounting, engineering, and planning methodologies, including the buy-in, incremental cost or marginal cost, and combined cost methods for each service, setting forth appropriate analysis as to the consideration and selection of a method appropriate to the circumstances and adapted as necessary to satisfy all requirements of this Article.
- (4) Documents and demonstrates the reliable application of the methodologies to the facts and data, including all reasoning, analysis, and interim calculations underlying each identifiable component of the system development fee and the aggregate thereof.
- (5) Identifies all assumptions and limiting conditions affecting the analysis and demonstrates that they do not materially undermine the reliability of conclusions reached.
- (6) Calculates a final system development fee per service unit of new development and includes an equivalency or conversion table for use in determining the fees applicable for various categories of demand.
- (7) Covers a planning horizon of not less than 10 years nor more than 20 years.
- (8) Is adopted by resolution or ordinance of the local governmental unit in accordance with G.S. 162A-209.

The "service unit of new development" is based on the following definition:

162A-201. Definitions.

- (8) Service unit. – A unit of measure, typically an equivalent residential unit, calculated in accordance with generally accepted engineering or planning standards.

In addition, there are certain minimum requirements required by the statute.

162A-207. Minimum requirements.

- (a) Maximum. – A system development fee shall not exceed that calculated based on the system development fee analysis.
- (b) Revenue Credit. – In applying the incremental cost or marginal cost, or the combined cost, method to calculate a system development fee with respect to water or sewer capital improvements, the system development fee analysis must include as part of that methodology a credit against the projected aggregate cost of water or sewer capital improvements. That credit shall be determined based upon generally accepted calculations and shall reflect a deduction of either the outstanding debt principal or the present value of projected water and sewer revenues received by the local governmental unit for the capital improvements necessitated by and attributable to such new development, anticipated over the course of the planning horizon. In no case shall the credit be less than twenty-five percent (25%) of the aggregate cost of capital improvements.

(c) Construction or Contributions Credit. – In calculating the system development fee with respect to new development, the local governmental unit shall credit the value of costs in excess of the development's proportionate share of connecting facilities required to be oversized for use of others outside of the development: No credit shall be applied, however, for water or sewer capital improvements on-site or to connect new development to water or sewer facilities.

AUTHORIZATION AND IMPLEMENTATION

The SDF proposed by the Town is authorized by General Statute 162A; Article 8; System Development Fees:

162A-203. Authorization of system development fee.

(a) A local governmental unit may adopt a system development fee for water or sewer service only in accordance with the conditions and limitations of this Article.

(b) A system development fee adopted by a local governmental unit under any lawful authority other than this Article and in effect on October 1, 2017, shall be conformed to the requirements of this Article not later than July 1, 2018.

Town is required by General Statute 162A; Article 8; System Development Fees to implement and maintain the proposed SDF through the following process:

162A-209. Adoption and periodic review.

(a) For not less than 45 days prior to considering the adoption of a system development fee analysis, the local governmental unit shall post the analysis on its Web site and solicit and furnish a means to submit written comments, which shall be considered by the preparer of the analysis for possible modifications or revisions.

(b) After expiration of the period for posting, the governing body of the local governmental unit shall conduct a public hearing prior to considering adoption of the analysis with any modifications or revisions. (c) The local governmental unit shall publish the system development fee in its annual budget or rate plan or ordinance. The local governmental unit shall update the system development fee analysis at least every five years.

COLLECTION AND USE OF REVENUE FROM SDF

162A-211. Use and administration of revenue.

(a) Revenue from system development fees calculated using the incremental cost method or marginal cost method, exclusively or as part of the combined cost method, shall be expended only to pay:

(1) Costs of constructing capital improvements including, and limited to, any of the following:

- a. Construction contract prices.
- b. Surveying and engineering fees.
- c. Land acquisition cost.
- d. Principal and interest on bonds, notes, or other obligations issued by or on behalf of the local governmental unit to finance any costs for an item listed in sub-subdivisions a. through c. of this subdivision.

(2) Professional fees incurred by the local governmental unit for preparation of the system development fee analysis.

(3) if no capital improvements are planned for construction within five years or the foregoing costs are otherwise paid or provided for, then principal and interest on bonds, notes, or other obligations issued by or on behalf of a local governmental unit to finance the construction or acquisition of existing capital improvements.

(b) Revenue from system development fees calculated using the buy-in method may be expended for previously completed capital improvements for which capacity exists and for capital rehabilitation projects. The basis for the buy-in calculation for previously completed capital improvements shall be determined by using a generally accepted method of valuing the actual or replacement costs of the capital improvement for which the buy-in fee is being collected less depreciation, debt credits, grants, and other generally accepted valuation adjustments.

(c) A local governmental unit may pledge a system development fee as security for the payment of debt service on a bond, note, or other obligation subject to compliance with the foregoing limitations.

(d) System development fee revenues shall be accounted for by means of a capital reserve fund established pursuant to Part 2 of Article 3 of Chapter 159 of the General Statutes and limited as to expenditure of funds in accordance with this section.

The Town is allowed to collect the SDF in when the following conditions are met:

162A-213. Time for collection of system development fees.

For new development involving the subdivision of land, the system development fee shall be collected by a local governmental unit either at the time of plat recordation or when water or sewer service for the subdivision or other development is committed by the local governmental unit. For all other new development, the local governmental unit shall collect the system development fee at the time of application for connection of the individual unit of development to the service or facilities.

SYSTEM DEVELOPMENT FEE CALCULATION METHODOLOGY

The following methodology was used to calculate the System Development Fee Buy-In component for this analysis:

$$\frac{\text{SYSTEM CAPACITY (GPD)}}{\text{(GPD)/ EQUIVALENT RESIDENTIAL UNIT}} = \frac{\text{TOTAL EQUIVALENT RESIDENTIAL UNITS (SYSTEM)}}{\text{(Based on Capacity of Each System)}}$$

$$\frac{\text{SYSTEM VALUE (REPLACEMENT COST NEW LESS DEPRECIATION- ADJUSTED FOR DEBT, ETC.)}}{\text{TOTAL EQUIVALENT RESIDENTIAL UNITS (SYSTEM CAPACITY)}} =$$

$$= \text{SYSTEM DEVELOPMENT FEE (BUY-IN) / EQUIVALENT RESIDENTIAL UNIT}$$

The following methodology was used to calculate the System Development Fee Incremental component for this analysis:

$$\frac{[\text{TOTAL PROJECT COST (TO DATE) - INTEREST (TO DATE)] = \text{TOTAL PRINCIPAL (TO DATE)}}{\text{TOTAL EQUIVALENT RESIDENTIAL UNITS (SYSTEM CAPACITY)}} =$$

$$= \text{SYSTEM DEVELOPMENT FEE (INCREMENTAL) / EQUIVALENT RESIDENTIAL UNIT}$$

DEVELOPMENT FEE CALCULATION METHODOLOGY - BUY-IN ASSET VALUATION

In accordance with General Statute 162A; Article 8; System Development Fees; (162A-205. Supporting analysis)... "A system development fee shall be calculated based on a written analysis, which may constitute or be included in a capital improvements plan, that:

- (3) Employs generally accepted accounting, engineering, and planning methodologies, including the buy-in, incremental cost or marginal cost, and combined cost methods for each service, setting forth appropriate analysis as to the consideration and selection of a method appropriate to the circumstances and adapted as necessary to satisfy all requirements of this Article."

The 7th edition of AWWA's "Principles of Water Rates, Fees, and Charges" documents methods used to calculate system value using descriptions similar to those in GS162A; Article 8. AWWA defines the most common options to determine the value for system development charges include the "buy-in method", "incremental cost method" and "combined approach". These terms are:

- " 1. The buy-in method is based on the value of the existing system's capacity. This method is typically used when the existing system has sufficient capacity to serve new development now and into the future.
2. The incremental cost method is based on the value or cost to expand the existing system's capacity. This method is typically used when the existing system has limited or no capacity to serve new development and new or incremental facilities are needed to serve new development now and into the future.

3. The combined approach is based on a blended value of both the existing and expanded system's capacity. This method is typically used where some capacity is available in parts of the existing system (e.g., source of supply), but new or incremental capacity will need to be built in other parts (e.g., treatment plant) to serve new development at some point in the future."

AWWA's "Principles of Water Rates, Fees and Charges" documents several options to calculate the value of the existing system's capacity.

"Validation and system equity. There are different methods used to establish a value to the existing assets under the buy-in methodology. If the existing assets are valued at their original cost or depreciated original cost, this is often referred to as the original cost method. An alternative valuation approach is to value the existing assets at a replacement cost or a depreciated replacement cost. This is commonly referred to as the replacement cost method. According to the replacement cost method, the existing system components are valued at the current-day cost of replicating the existing assets. This is typically accomplished through the use of a construction cost index or other comparable valuation method to bring the historical costs up to current-day value. In summary form the four valuation approaches for system assets under the buy-in method are as follows:

1. Original cost (OC) is the cost of construction in the year of construction.
2. Original cost less accumulated depreciation (OCLD) is also known as the net book value of the system assets.
3. Replacement cost new (RCN) is the original cost escalated to current-day dollars, providing an estimate of the current-day cost of replicating the existing facilities.
4. Replacement cost new less depreciation (RCNLD) is the original cost escalated to current-day dollars, less accumulated replacement cost depreciation. This provides an estimate of the current-day cost of duplicating the existing facilities that is then adjusted by an estimate of the replacement cost depreciation, resulting in a replacement cost valuation that reflects the remaining depreciable life of the facility."

"A combination of the approaches may also be used. Using the OC and OCLD valuations, the SDC reflects the original investment in the existing capacity. The new customer "buys in" to the capacity at the OC or the net book value cost (OCLD) for the facilities and as a result pays an amount similar to what the existing customers paid for the capacity (OC) or the remaining value of the original investment (OCLD)."

"Using the RCN and the RCNLD valuations, the SDC [System Development Charge] reasonably reflects the cost of providing new expansion capacity to customers as if the capacity was added at the time the new customers connected to the water system. It may also be thought of as a valuation method to fairly compensate the existing customers for the carrying costs of the excess capacity built into the system in advance of when the new customers connect to the system. This is because, up to the point of the new customer connecting to the system, the existing customers have been financially responsible for the carrying costs of that excess capacity that is available for development.

System liabilities and equity. Balance-sheet liabilities and equity that are recognized in the valuation method should equitably address the issue of the outstanding principal portion of long-term debt. When debt is issued to finance a growth- or expansion-related project, the principal portion of the debt service will be repaid over time, possibly through a customer's

rates after connection to the system and payment of an SDC. Given that, a debt credit may be applicable to avoid the potential double-charging of these debt costs through both the SDC and user rates. In a situation where the SDC is separated into functional components (source of supply, treatment, pumping, transmission, etc.), the analysis may provide these debt credits at the functional level or on a combined system level at the end of the analysis."

"Valuation adjustments may be necessary if grants or other contributions were used to develop the capacity-related facilities or if a facility is replaced and the resulting replacement provides additional capacity to accommodate future customers. This may be addressed within the valuation process by determining the percentage of the asset eligible for the SDC (i.e., percent SDC eligible). For example, if grants were provided specifically for the water treatment facilities, these grant contributions should be credited to the value (cost) of those specific facilities, and the grant-related portion of the water treatment plant's value should not be included in the SDC."

In addition, GS 162A-211 "Use and administration of revenue" paragraph (b) states "The basis for the buy-in calculation for previously completed capital improvements shall be determined by using a generally accepted method of valuing the actual or replacement costs of the capital improvement for which the buy-in fee is being collected less depreciation, debt credits, grants, and other generally accepted valuation adjustments." Therefore, the AWWA methodologies of OCLD or RCNLD meets the requirements of this section.

The "buy-in" methodology is used to value the existing infrastructure and the valuation of the complete infrastructure is based on Replacement Cost New Less Depreciation (RCNLD) to properly address the "carrying costs" of the existing system infrastructure borne by the existing customers.

Each system's value is then divided by the Town's total ERU for water or waste water based on each system's capacity to determine the Buy -In SDF / ERU.

SYSTEM DEVELOPMENT FEE CALCULATION METHODOLOGY - INCREMENTAL ASSET VALUATION

The "incremental cost" methodology is used when additional facilities are needed to provide capacity due to additional growth or maintain service to ensure system reliability. During the development and construction of the additional facilities, these projects under construction would not be included as current capital assets of the Town. However, funds have been expended by the Town and revenues have been collected from the Town's existing customers for these facilities. These revenues have recouped costs to date for payments for actual equipment or facilities or the payment to date of principal and interest as part of the project financing. As a result, the existing customers, through the rates, have made a principal investment in the new projects which may not be included in the existing assets.

Therefore, it is appropriate to incorporate the valuation funds expended for these projects into the development of the SDF costs in order adequately address principal investment made by the existing customers. The SDF analysis methodology used sums the principal paid to date for existing capital expenditures that are not included in the Asset Inventory and excludes interest paid to date and other contributions for approved and implemented projects. This adequately addresses the requirements of Article 8 for the exclusion of interest and other contributions .

The "incremental cost" methodology described above is used to value facilities that are approved, for which funds have been expended and that are not included in the assets used by the "buy-in" methodology described in the preceding section.

Each system's value of principal payments for ongoing projects is then divided by the Town's total ERU for water or waste water based on each system's capacity to determine the Incremental SDF / ERU. For the comparison of the credit related to the Incremental SDF, the total payments to date by the existing customers is divided by the Town's existing ERU for water or wastewater based on the Town's maximum usage to date. This provides a more accurate comparison to the costs incurred by the existing customer base for the ongoing projects compared to the calculated Incremental SDF / ERU for new customers.

EQUIVALENT RESIDENTIAL UNIT TOTAL

In accordance with GS 162A-205 (6); the analysis is required to calculate "... a final system development fee per service unit of new development and includes an equivalency or conversion table for use in determining the fees applicable for various categories of demand." GS 162A-201(8) defines Service unit as "A unit of measure, typically an equivalent residential unit, calculated in accordance with generally accepted engineering or planning standards."

For this analysis, the SDF per ERU is based on the Total Equivalent Residential Units by Capacity for the Town. The Equivalent Residential Unit (ERU) is based on a demand of 360 gallons per day (GPD) for Waste Water use. (*NC Administrative Code 15A NCAC02T.0114 for a three-bedroom home based on 120 GPD per bedroom). The Total ERUs for water or wastewater is determined by dividing the system capacity GPD by the single ERU demand of 360 GPD for waste water or 400 GPD for water (assumes 90 percent pass through to waste water). This determines the Total ERU capable of being served by each system.

Total Equivalent Residential Units by Capacity

Water	System Capacity MGD	6.200 MGD
	System Capacity GPD	6,200,000 GPD
	Equivalent Residential Unit GPD *	<u>400 GPD / ERU</u>
	Total Equivalent Residential Units by Capacity	15,500 ERU (Capacity Based)
* NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom		/ 0.9

Total Equivalent Residential Units by Capacity

Waste Water	System Capacity MGD	7.200 MGD
	System Capacity GPD	7,200,000 GPD
	Equivalent Residential Unit GPD	<u>360 GPD / ERU</u>
	Total Equivalent Residential Unit by Capacity	20,000 ERU (Capacity Based)

* NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom

CALCULATION FOR VARIOUS CATEGORIES OF DEMAND

The analysis is also required to provide an equivalency or conversion table for use in determining the fees applicable for various categories of demand. The SDF for larger meters is determined by the SDF per ERU times the Capacity Factor for larger meters. The Capacity Factor methodology is consistent with industry standards and represent a reflection of the possible demand, and therefore capital cost of providing service for different meter sizes. The AWWA based Capacity Factor chart below is used to calculate SDF for "various categories of demand" which is based on the installed tap / meter size.

Meter Size	AWWA (capacity)	Capacity Factor
5/8 inch	20	1.00
3/4 inch	30	1.50
1 inch	50	2.50
1-1/2 inch	100	5.00
2 inch	160	8.00
3 inch	300	15.00
4 inch	500	25.00
6 inch	1,000	50.00
8 inch	1,600	80.00
10 inch	2,300	115.00
12 inch	4,300	215.00

CALCULATED SYSTEM DEVELOPMENT FEE

The calculated SDF shown below for the Town was developed using the System Development Fee Methodology described previously for the Buy-In and Incremental portions and utilizes the utility asset and capacity information provided by the Town. A SDF can be implemented after completing the required posting, notice and public hearing requirements, which includes addressing any comments received during the posting period. The Town can choose to implement a SDF that is less than or equal to the calculated SDF (Buy-In, Incremental or Total) as determined by this analysis.

Water System	Capital Assets	Equivalent Residential Unit (ERU) SDF Incremental Cost / ERU (Principal to Date)	(Buy In) (Incremental)	\$ 406.88 \$ 36.79
Water System	System Development Fee per ERU			\$ 443.67
Waste Water System	Capital Assets	Equivalent Residential Unit (ERU) SDF Incremental Cost / ERU (Principal to Date)	(Buy In) (Incremental)	\$ 219.53 \$ 21.66
Waste Water System	System Development Fee per ERU			\$ 241.19
Total System Development Fee per ERU				\$ 684.86
RCNLD & Total Equivalent Residential Units by Capacity				

Meter Size	AWWA (GPM capacity)		Waste Water		
	Capacity Factor		Water SDF	SDF	Total SDF
5/8 inch	20	1.00	\$ 443.67	\$ 241.18	\$ 684.86
3/4 inch	30	1.50	\$ 665.51	\$ 361.78	\$ 1,027.28
1 inch	50	2.50	\$ 1,109.18	\$ 602.96	\$ 1,712.14
1-1/2 inch	100	5.00	\$ 2,218.36	\$ 1,205.92	\$ 3,424.28
2 inch	160	8.00	\$ 3,549.37	\$ 1,929.47	\$ 5,478.85
3 inch	300	15.00	\$ 6,655.07	\$ 3,617.77	\$ 10,272.84
4 inch	500	25.00	\$ 11,091.79	\$ 6,029.61	\$ 17,121.40
6 inch	1,000	50.00	\$ 22,183.58	\$ 12,059.22	\$ 34,242.80

Note: Individual Residential Units to be charged at 5/8" rate regardless of actual meter size

NOTE: Commercial, Industrial, Institutional, and Irrigation meters maximum should be based actual meter / tap size.

CALCULATION OF SYSTEM DEVELOPMENT FEES (Buy-In)

The following charts show the calculation of each system's (Water or Waste Water) Replacement Cost New Less Depreciation, adjusted for outstanding debt, and adjusted for any assets currently in service but not included in the most recent Audited assets to determine the system asset value. The asset value for each system is then divided by the total Equivalent Residential Units (ERU) of capacity for that system to determine the SDF per ERU.

WATER ASSETS AND SDF CALCULATION

CODE	Smithfield Water System Asset Description	[1] Original Cost	[2] Dep Yrs	[3] Accrued Depreciation	[4] Yr Install	[5] % Dep	[6] Ins Yr Index	[7] 2018 Index	[8] RCN Factor	[9] RCN	[10] RCNLD
37	NEW WATER PLANT AND PUM	\$ 2,500,000.00	30	\$ 2,319,443.61	1988	92.8%	89.9	227.3	2.528	\$ 6,320,912.12	\$ 456,512.43
38	ALUM SLUDGEHANDLINGFA	\$ 8,373.36	50	\$ 2,986.79	1998	35.7%	115.1	227.3	1.975	\$ 16,535.75	\$ 10,637.42
45	WATER PUMPING STATIONN	\$ 205,000.00	30	\$ 190,193.61	1988	92.8%	89.9	227.3	2.528	\$ 518,314.79	\$ 37,435.96
47	IMPROVEMENTS TO WATER P	\$ 205,762.00	30	\$ 85,734.13	2005	41.7%	151.6	227.3	1.499	\$ 308,507.27	\$ 179,962.63
149	MOTOR J. CO PUMP STATION	\$ 5,000.00	50	\$ 2,741.09	1989	54.8%	92.1	227.3	2.468	\$ 12,339.85	\$ 5,574.92
177	DECHLORINATION SYSTEM	\$ 22,609.00	30	\$ 9,420.38	2005	41.7%	151.6	227.3	1.499	\$ 33,898.59	\$ 19,774.23
186	R WIN TAKE ENGINE REBUILD	\$ 30,056.01	10	\$ 23,794.33	2009	79.2%	180.1	227.3	1.262	\$ 37,932.99	\$ 7,902.72
188	STREAMING CURRENT MONIT	\$ 12,500.00	10	\$ 8,333.33	2010	66.7%	183.5	227.3	1.239	\$ 15,483.65	\$ 5,161.22
189	BACKWASH PUMP	\$ 57,959.13	10	\$ 34,775.46	2011	60.0%	191.2	227.3	1.189	\$ 68,902.25	\$ 27,560.92
190	ECLIPSE SAMPLING STATION	\$ 10,425.45	10	\$ 6,081.54	2011	58.3%	191.2	227.3	1.189	\$ 12,393.85	\$ 5,164.07
191	REPAIR FLOCCULATOR GEARBO	\$ 4,898.79	7	\$ 4,024.02	2011	82.1%	191.2	227.3	1.189	\$ 5,823.72	\$ 1,039.93
192	BACKFLOW INSTALL	\$ 5,368.00	7	\$ 4,153.82	2012	77.4%	194.6	227.3	1.168	\$ 6,270.02	\$ 1,418.21
194	DOUBLE WALL DAY TANK 25	\$ 17,605.00	10	\$ 8,215.67	2012	46.7%	194.6	227.3	1.168	\$ 20,563.29	\$ 10,967.08
195	INSTAVALVE UNIT COMPLETE	\$ 38,555.00	10	\$ 12,530.38	2014	32.5%	204.9	227.3	1.109	\$ 42,769.90	\$ 28,869.67
198	TANK - 20,000 GAL FERRIC SUL	\$ 27,850.00	10	\$ 7,658.75	2014	27.5%	204.9	227.3	1.109	\$ 30,894.61	\$ 22,398.59
200	SOLARBEE GS-12 MIXER	\$ 15,658.00	10	\$ 3,262.08	2015	20.8%	206.2	227.3	1.102	\$ 17,260.25	\$ 13,664.37
204	TMH ANALYZER	\$ 32,500.00	10	\$ 6,500.00	2015	20.0%	206.2	227.3	1.102	\$ 35,825.65	\$ 28,660.52
206	LAB TOC ANALYZER	\$ 23,500.00	10	\$ 4,700.00	2015	20.0%	206.2	227.3	1.102	\$ 25,904.70	\$ 20,723.76
207	GENERATOR/VFDs	\$ 97,700.00	10	\$ 12,212.50	2016	12.5%	207.3	227.3	1.096	\$ 107,125.95	\$ 93,735.21
208	STORAGE TANK 10,500 GAL (1	\$ 11,067.66	10	\$ 276.69	2017	2.5%	213.6	227.3	1.064	\$ 11,777.52	\$ 11,483.09
209	STORAGE TANK 10,500 GAL (2	\$ 11,067.66	10	\$ 276.69	2017	2.5%	213.6	227.3	1.064	\$ 11,777.52	\$ 11,483.09
212	MCC CABINET	\$ 25,000.00	10	\$ 2,500.00	2016	10.0%	207.3	227.3	1.096	\$ 27,411.96	\$ 24,670.77
213	HYDROGRITTER	\$ 54,344.00	10	\$ 5,434.40	2016	10.0%	207.3	227.3	1.096	\$ 59,587.03	\$ 53,628.33
214	SLUDGE PRESS	\$ 83,000.00	10	\$ 4,841.67	2016	5.8%	207.3	227.3	1.096	\$ 91,007.72	\$ 85,698.93
215	SLUDGE PRESS PUMP	\$ 15,617.00	10	\$ 1,301.42	2016	8.3%	207.3	227.3	1.096	\$ 17,123.71	\$ 15,696.73
216	PUMP 50 HP FAIRNU PUMP STA	\$ 14,900.00	10	\$ 372.50	2017	2.5%	213.6	227.3	1.064	\$ 15,855.66	\$ 15,459.27
217	PUMP 50 HP FAIRNU PUMP STA	\$ 14,900.00	10	\$ 372.50	2017	2.5%	213.6	227.3	1.064	\$ 15,855.66	\$ 15,459.27
313	12 INCH LINE BUFFALO RD	\$ 165,005.00	30	\$ 68,752.89	2005	41.7%	151.6	227.3	1.499	\$ 247,398.66	\$ 144,314.67
314	FLANDERS FILTER PROJECT	\$ 154,902.00	30	\$ 67,124.20	2004	43.3%	143.7	227.3	1.582	\$ 245,018.96	\$ 138,844.08
320	BUFFALO ROAD METER POINT	\$ 135,987.66	20	\$ 40,796.28	2011	30.0%	191.2	227.3	1.189	\$ 161,663.15	\$ 113,164.23
321	WALMART/BAYHILL LINE LOO	\$ 51,260.74	30	\$ 10,252.14	2011	20.0%	191.2	227.3	1.189	\$ 60,939.15	\$ 48,751.33
322	HOSPITAL ROAD W/S LINE	\$ 350,811.05	30	\$ 70,162.20	2011	20.0%	191.2	227.3	1.189	\$ 417,046.82	\$ 333,637.47
324	FIRE HYDRANT REPLACEMENT	\$ 49,781.52	20	\$ 9,956.32	2013	20.0%	201.2	227.3	1.130	\$ 56,239.26	\$ 44,991.39
327	LOH & ROF WATER FILTER CO	\$ 49,965.00	20	\$ 5,204.69	2015	10.4%	206.2	227.3	1.102	\$ 55,077.81	\$ 49,340.54
328	CHLORINE DIOXIDE SYSTEM	\$ 134,344.42	20	\$ 6,717.22	2016	5.0%	207.3	227.3	1.096	\$ 147,305.77	\$ 139,940.49
527	SLUDGE SYSTEM	\$ 1,249,864.10	30	\$ 756,867.75	1998	60.6%	115.1	227.3	1.975	\$ 2,468,237.27	\$ 973,571.42
529	300,000 GAL WATER TANK	\$ 275,000.00	30	\$ 255,139.13	1988	92.8%	89.9	227.3	2.528	\$ 695,300.33	\$ 50,215.53
530	1,000,000 GAL WTR TNK GLEV	\$ 200,000.00	30	\$ 185,556.39	1988	92.8%	89.9	227.3	2.528	\$ 505,672.97	\$ 36,518.72
531	REPAIRS TO WATER PLANT FIL	\$ 322,450.25	50	\$ 94,688.61	2002	29.4%	128.7	227.3	1.766	\$ 569,486.73	\$ 402,255.02
550	AMONIA TREAT SYSTEM	\$ 159,101.00	50	\$ 61,534.85	1996	38.7%	110.2	227.3	2.063	\$ 328,163.86	\$ 201,241.25
551	AMMONIA STORAGE TANK	\$ 8,890.00	50	\$ 3,141.32	1998	35.3%	115.1	227.3	1.975	\$ 17,556.01	\$ 11,352.52
553	16" WATER LINE IN SERV 15825	\$ 142,425.00	50	\$ 79,284.14	1988	55.7%	89.9	227.3	2.528	\$ 360,102.36	\$ 159,643.13
554	12" WATER LINE IN SER 11,475	\$ 68,850.00	50	\$ 38,326.50	1988	55.7%	89.9	227.3	2.528	\$ 174,077.92	\$ 77,174.54
555	8" WATER LINE IN SERVICE 22,	\$ 113,500.00	50	\$ 63,182.26	1988	55.7%	89.9	227.3	2.528	\$ 286,969.41	\$ 127,221.61
556	6" WATER LINE IN SERVICE 20	\$ 352,459.95	50	\$ 213,265.56	1988	60.5%	89.9	227.3	2.528	\$ 891,147.35	\$ 351,934.20
557	2" WATER LINE IN SERVICE 29	\$ 59,000.00	50	\$ 32,744.41	1988	55.5%	89.9	227.3	2.528	\$ 149,173.53	\$ 66,383.71
558	1 1/2" WATER LINE IN SERV 5,	\$ 10,850.00	50	\$ 6,021.16	1988	55.5%	89.9	227.3	2.528	\$ 27,432.76	\$ 12,209.07
559	10" WATER LINE IN SERV 1400	\$ 5,260.00	50	\$ 2,919.89	1988	55.5%	89.9	227.3	2.528	\$ 13,299.20	\$ 5,916.65
561	6" & 8" INSERT VALVES AND S	\$ 6,946.67	50	\$ 3,334.65	1992	48.0%	99.4	227.3	2.287	\$ 15,885.09	\$ 8,259.68
562	WEST SMITHFIELD WATER SY	\$ 466,374.00	50	\$ 395,869.84	1994	84.9%	104.4	227.3	2.177	\$ 1,015,390.90	\$ 153,501.87
563	RELOCATE WATER LINE ON M	\$ 23,192.00	50	\$ 9,315.17	1996	40.2%	110.2	227.3	2.063	\$ 47,836.13	\$ 28,622.54
564	WATER TAP @WAL-MART	\$ 23,869.00	50	\$ 9,388.34	1996	39.3%	110.2	227.3	2.063	\$ 49,232.52	\$ 29,868.00
565	WAL PAT RD WATER MAIN	\$ 51,563.20	50	\$ 20,109.70	1997	39.0%	112.8	227.3	2.015	\$ 103,903.50	\$ 63,381.03
566	RPLACE WATERLINE BETWEE	\$ 14,652.50	50	\$ 4,835.29	1999	33.0%	117.6	227.3	1.933	\$ 28,320.69	\$ 18,974.93
567	WATER LINE HOLLAND DR	\$ 217,027.30	50	\$ 74,150.94	1999	34.2%	117.6	227.3	1.933	\$ 419,475.39	\$ 276,154.73
568	BARBOURRD WATER LINE	\$ 78,336.00	50	\$ 27,025.92	1999	34.5%	117.6	227.3	1.933	\$ 151,409.63	\$ 99,173.31
570	WATER METER IN SERVICE	\$ 87,697.00	50	\$ 48,817.70	1988	55.7%	89.9	227.3	2.528	\$ 221,730.01	\$ 98,301.06
571	METER BOX IN SERVICE 3,585	\$ 223,148.75	50	\$ 124,218.72	1988	55.7%	89.9	227.3	2.528	\$ 564,201.46	\$ 250,131.21
572	6" FIRD/HVD	\$ 221,340.00	50	\$ 123,212.60	1988	55.7%	89.9	227.3	2.528	\$ 559,628.28	\$ 248,101.87
594	CLEAR WELL FENCING	\$ 14,459.24	10	\$ 10,362.43	2010	71.7%	183.5	227.3	1.239	\$ 17,910.55	\$ 5,074.69

CODE	Smithfield Water System Asset Description	[1] Original Cost	[2] Dep Yrs	[3] Accrued Depreciation	[4] Yr Instal	[5] % Dep	[6] Ins Yr Index	[7] 2018 Index	[8] RCN Factor	[9] RCN	[10] RCNLD
596	WILSON ST LINE REPLACEMEN	\$ 30,520.00	20	\$ 3,306.33	2015	10.8%	206.2	227.3	1.102	\$ 33,643.05	\$ 29,998.39
615	ELECTRONIC CONTROL VALVE 2-Way (2)	\$ 34,164.75	20	\$ -	2017	0.0%	213.6	227.3	1.064	\$ 36,356.03	\$ 36,356.03
36	CONSTRUCTION OF NEW OFFICE	\$ 3,476.87	30	\$ 2,652.80	1994	76.3%	104.4	227.3	2.177	\$ 7,569.84	\$ 1,794.16
193	TELEPHONE SYSTEM	\$ 912.00	6	\$ 671.34	2013	73.6%	201.2	227.3	1.130	\$ 1,030.31	\$ 271.88
196	NESHAP COMPLIANCE SERVIC	\$ 11,250.00	10	\$ 3,375.00	2014	30.0%	204.9	227.3	1.109	\$ 12,479.87	\$ 8,735.91
197	NESHAP COMPLIANCE SERVIC	\$ 11,250.00	10	\$ 3,375.00	2014	30.0%	204.9	227.3	1.109	\$ 12,479.87	\$ 8,735.91
199	MINI EXCAVATOR - CATERPIL	\$ 30,439.50	10	\$ 8,370.87	2014	27.5%	204.9	227.3	1.109	\$ 33,767.20	\$ 24,481.21
201	SCADA - 9 STATIONS/FLOWER	\$ 25,876.50	10	\$ 7,116.04	2014	27.5%	204.9	227.3	1.109	\$ 28,705.36	\$ 20,811.38
203	BACKHOE LOADER 420F	\$ 40,750.00	10	\$ 7,470.84	2015	18.3%	206.2	227.3	1.102	\$ 44,919.86	\$ 36,684.55
498	2004 FORD F-250	\$ 6,919.50	83.3	\$ 6,919.50	2004	100.0%	143.7	227.3	1.582	\$ 10,945.04	\$ -
504	2012 FORD F750 TRUCK	\$ 41,221.50	5	\$ 41,221.50	2013	100.0%	201.2	227.3	1.130	\$ 46,568.82	\$ -
505	2014 CHEV SILVERADO 1500	\$ 14,900.00	5	\$ 8,691.67	2014	58.3%	204.9	227.3	1.109	\$ 16,528.89	\$ 6,887.04
506	2015 FREIGHTLINER 114SD	\$ 164,902.35	5	\$ 76,954.43	2015	46.7%	206.2	227.3	1.102	\$ 181,776.45	\$ 96,947.44
507	2015 CHEVROLET 2500	\$ 16,212.50	5	\$ 5,674.38	2015	35.0%	206.2	227.3	1.102	\$ 17,871.49	\$ 11,616.47
508	2017 CHEVROLET COLORADO	\$ 14,672.20	5	\$ 978.15	2017	6.7%	213.6	227.3	1.064	\$ 15,613.25	\$ 14,572.37
528	UPGRADING OF INSTRUMENT	\$ 13,960.00	50	\$ 6,025.90	1994	43.2%	104.4	227.3	2.177	\$ 30,393.75	\$ 17,274.16
560	ASSORTED W&S	\$ 65,157.68	50	\$ 33,881.84	1990	52.0%	94.3	227.3	2.410	\$ 157,055.56	\$ 75,387.05

Water System Value Replacement Cost New Less Depreciation \$ 6,369,463.77

Less Debt Appendix B \$ 62,763.86
Less Grants, Contributions, Etc. \$ -
\$ 62,763.86

Water System Value for System Development Fee \$ 6,306,699.92

Water System Total Equivalent Residential Units by Capacity Appendix E 15,500

Water System Equivalent Residential Unit (ERU) SDF \$ 406.88

- [1] June 30, 2018 Financial Data
- [2] June 30, 2018 Financial Data
- [3] June 30, 2018 Financial Data
- [4] June 30, 2018 Financial Data
- [5] Percent of Asset Depreciation [3]/[1]
- [6] RSMears Index - January 2019 for Installed Date
- [7] RSMears Index - January 2019 for January 2018
- [8] Replacement Cost New Factor [8]/[7]
- [9] Replacement Cost New [1]x[8]
- [10] Replacement Cost New Less Depreciation [1]-[5] x [9]
Assets split 50/50 Water & Waste Water Systems

WASTEWATER ASSETS AND SDF CALCULATION

Smithfield Waste Water System		[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
CODE	Asset Description	Original Cost	Dep Yrs	Accrued Depreciation	Yr Install	% Dep	Ins Yr Index	2018 Index	RCN	RCN	RCNLD
39	PINE ACRES LIFT STATION PU	\$ 25,000.00	30	\$ 23,193.61	1988	92.8%	89.9	227.3	2.528	\$ 63,209.12	\$ 4,567.21
40	BELMONT LIFT STATION PUMP	\$ 75,000.00	30	\$ 69,587.74	1988	92.8%	89.9	227.3	2.528	\$ 189,627.36	\$ 13,696.81
41	JCC LIFT STATION	\$ 11,000.00	30	\$ 10,206.39	1988	92.8%	89.9	227.3	2.528	\$ 27,812.01	\$ 2,006.54
42	HOWARD JOHNSON LIFT STAT	\$ 30,000.00	30	\$ 27,832.74	1988	92.8%	89.9	227.3	2.528	\$ 75,850.95	\$ 5,479.62
43	SHALLCROSS LIFT STATION P	\$ 25,000.00	30	\$ 23,193.61	1988	92.8%	89.9	227.3	2.528	\$ 63,209.12	\$ 4,567.21
44	HOUSING PROELT LIFT STATIO	\$ 20,000.00	30	\$ 18,556.39	1988	92.8%	89.9	227.3	2.528	\$ 50,567.30	\$ 3,649.97
202	GRI NDER -LI FTSTATION #3	\$ 29,688.00	10	\$ 6,185.00	2015	20.8%	206.2	227.3	1.102	\$ 32,725.91	\$ 25,908.01
205	AIRCOMPRESSOR DOOSAN PO	\$ 21,924.00	10	\$ 3,836.70	2015	17.5%	206.2	227.3	1.102	\$ 24,167.44	\$ 19,938.13
210	GENERATOR ENGINE PUMP ST	\$ 13,063.67	10	\$ 653.18	2017	5.0%	213.6	227.3	1.064	\$ 13,901.56	\$ 13,206.48
211	DRI -PRI MEDIESEL PUMP	\$ 39,747.97	10	\$ 331.23	2017	0.8%	213.6	227.3	1.064	\$ 42,297.35	\$ 41,944.87
218	CONTROL PANE L PUMPSTATI	\$ 45,840.00	10	\$ 1,146.00	2017	2.5%	213.6	227.3	1.064	\$ 48,780.11	\$ 47,560.61
318	IMPROVEMENTS TO LIFT STAT	\$ 932,026.00	30	\$ 341,742.83	2006	36.7%	162.0	227.3	1.493	\$ 1,307,713.02	\$ 828,218.30
319	BOOKER DAIRY SEWER LINE	\$ 110,000.00	30	\$ 22,000.02	2011	20.0%	191.2	227.3	1.189	\$ 130,768.83	\$ 104,615.04
323	WEST SMI THFIELD&i	\$ 49,848.00	20	\$ 9,969.60	2013	20.0%	201.2	227.3	1.130	\$ 56,314.37	\$ 45,051.49
325	SEWER LINE REHAB I-95	\$ 176,517.63	20	\$ 35,303.52	2013	20.0%	201.2	227.3	1.130	\$ 199,415.79	\$ 159,532.64
326	HWY 70 BRIDGE REPLACEMENT	\$ 372,809.56	20	\$ 55,921.44	2014	15.0%	204.9	227.3	1.109	\$ 413,565.71	\$ 351,530.84
552	CUR OFF VALUE IN SERV	\$ 44,325.00	50	\$ 24,675.14	1988	55.7%	89.9	227.3	2.528	\$ 112,069.77	\$ 49,082.02
569	WEST SMI THFIELD WASTEWA	\$ 7,957.05	50	\$ 2,652.26	1999	33.3%	117.6	227.3	1.933	\$ 15,379.57	\$ 10,253.22
573	MAMHOLE IN SERV 1032	\$ 33,930.00	50	\$ 18,887.70	1988	55.7%	89.9	227.3	2.528	\$ 85,787.42	\$ 38,032.42
574	6" SEWER LINE 15,775 FT	\$ 31,550.00	50	\$ 17,194.18	1989	54.5%	92.1	227.3	2.468	\$ 77,864.44	\$ 35,429.73
575	8" SEWER LINE 170,797 FT	\$ 170,797.00	50	\$ 93,084.08	1989	54.5%	92.1	227.3	2.468	\$ 421,521.80	\$ 191,793.12
576	10" SEWER LINE 13,875 FT	\$ 41,625.00	50	\$ 22,686.48	1989	54.5%	92.1	227.3	2.468	\$ 102,729.23	\$ 46,739.69
577	12" SEWER LINE 22,300 FT	\$ 66,900.00	50	\$ 36,460.50	1989	54.5%	92.1	227.3	2.468	\$ 165,107.17	\$ 75,123.76
578	WEST SMI THFIELDSEWERSYS	\$ 1,969,667.65	50	\$ 1,222,766.63	1994	62.1%	104.4	227.3	2.177	\$ 4,288,366.44	\$ 1,626,155.19
579	INSTALL MANHOLE 120 SEWE	\$ 8,500.00	50	\$ 3,499.47	1995	41.2%	107.6	227.3	2.112	\$ 17,955.86	\$ 10,563.39
580	REPAIR TO 12" SEWER 2ND ST	\$ 7,297.50	50	\$ 2,979.59	1996	40.8%	110.2	227.3	2.063	\$ 15,051.92	\$ 8,906.18
581	12" SEWERLINE REPLACEMENT	\$ 31,890.00	50	\$ 12,755.00	1996	40.0%	110.2	227.3	2.063	\$ 65,776.74	\$ 39,466.05
582	SEWERLINE CONSTRUCTION	\$ 44,406.00	50	\$ 16,726.26	1997	37.7%	112.8	227.3	2.015	\$ 89,481.24	\$ 55,776.64
583	REPLACE SEWER LINE	\$ 42,227.00	50	\$ 13,512.70	2001	32.0%	125.1	227.3	1.817	\$ 76,724.20	\$ 52,172.35
584	PUMP	\$ 18,000.00	50	\$ 10,020.00	1988	55.7%	89.9	227.3	2.528	\$ 45,510.57	\$ 20,176.35
595	PUMP STATION #1 TOP REPLA	\$ 52,760.00	20	\$ 8,353.67	2014	15.8%	204.9	227.3	1.109	\$ 58,527.81	\$ 49,260.90
597	SEWER LINE REPLACEMENT R	\$ 25,589.00	20	\$ 2,558.90	2015	10.0%	206.2	227.3	1.102	\$ 28,207.47	\$ 25,386.72
598	PUMPSTATI ON#7 RENO	\$ 116,821.08	20	\$ 1,460.26	2017	1.2%	213.6	227.3	1.064	\$ 124,313.82	\$ 122,759.90
36	CONSTRUCTION OF NE WOFFI CE	\$ 3,476.87	30	\$ 2,652.80	1994	76.3%	104.4	227.3	2.177	\$ 7,569.84	\$ 1,794.16
193	TELEPHONE SYSTEM	\$ 912.00	6	\$ 671.34	2013	73.6%	201.2	227.3	1.130	\$ 1,030.31	\$ 271.88
196	NESHAP COMPLI ANCESERVIC	\$ 11,250.00	10	\$ 3,375.00	2014	30.0%	204.9	227.3	1.109	\$ 12,479.87	\$ 8,735.91
197	N ESHA COMPLI ANCESERVIC	\$ 11,250.00	10	\$ 3,375.00	2014	30.0%	204.9	227.3	1.109	\$ 12,479.87	\$ 8,735.91
199	MINTEXCAVATOR - CATERPIL	\$ 30,439.50	10	\$ 8,370.87	2014	27.5%	204.9	227.3	1.109	\$ 33,767.20	\$ 24,481.21
201	SCADA - 9 STATIONS/FLOWER	\$ 25,876.50	10	\$ 7,116.04	2014	27.5%	204.9	227.3	1.109	\$ 28,705.36	\$ 20,811.38
203	BACKHOE LOADER 420F	\$ 40,750.00	10	\$ 7,470.84	2015	18.3%	206.2	227.3	1.102	\$ 44,919.86	\$ 36,684.55
498	2004 FORD F-250	\$ 6,919.50	83.3	\$ 6,919.50	2004	100.0%	143.7	227.3	1.582	\$ 10,945.04	\$ -
504	2012 FORD F750 TRUCK	\$ 41,221.50	5	\$ 41,221.50	2013	100.0%	201.2	227.3	1.130	\$ 46,568.82	\$ -

CODE	Smithfield Waste Water System Asset Description	[1] Original Cost	[2] Dep Yrs	[3] Accrued Depreciation	[4] Yr Install	[5] % Dep	[6] Ins Yr Index	[7] 2018 Index	[8] RCN Factor	[9] RCN	[10] RCNLD	
505	2014 CHEV SILVERADO 1500	\$ 14,900.00	5	\$ 8,691.67	2014	58.3%	204.9	227.3	1.109	\$ 16,528.89	\$ 6,887.04	
506	2015 FREIGHTLINER 114SD	\$ 164,902.35	5	\$ 76,954.43	2015	46.7%	206.2	227.3	1.102	\$ 181,776.45	\$ 96,947.44	
507	2015 CHEVROLET 2500	\$ 16,212.50	5	\$ 5,674.38	2015	35.0%	206.2	227.3	1.102	\$ 17,871.49	\$ 11,616.47	
508	2017 CHEVROLET COLORADO	\$ 14,672.20	5	\$ 978.15	2017	6.7%	213.6	227.3	1.064	\$ 15,613.25	\$ 14,572.37	
528	UPGRADING OF INSTRUMENT	\$ 13,960.00	50	\$ 6,025.90	1994	43.2%	104.4	227.3	2.177	\$ 30,393.75	\$ 17,274.16	
560	ASSORTED W&S	\$ 65,157.68	50	\$ 33,881.84	1990	52.0%	94.3	227.3	2.410	\$ 157,055.56	\$ 75,387.05	
Waste Water System Value Replacement Cost New Less Depreciation											\$ 4,453,350.94	
Less Debt											Appendix B	\$ 62,763.86
Less Grants, Contributions, Etc.												\$ -
											\$ 62,763.86	
Waste Water System Value for System Development Fee											\$ 4,390,587.09	
Waste Water System Total Equivalent Residential Units by Capacity											Appendix E	20,000
Waste Water System Equivalent Residential Unit (ERU) SDF											\$ 219.53	

- [1] June 30, 2018 Financial Data
 - [2] June 30, 2018 Financial Data
 - [3] June 30, 2018 Financial Data
 - [4] June 30, 2018 Financial Data
 - [5] Percent of Asset Depreciation [3]/[1]
 - [6] RSMean Index - January 2019 for Installed Date
 - [7] RSMean Index - January 2019 for January 2018
 - [8] Replacement Cost New Factor [8]/[7]
 - [9] Replacement Cost New [1]x[8]
 - [10] Replacement Cost New Less Depreciation (1 - [5]) x [9]
- Assets split 50/50 Water & Waste Water Systems

CALCULATION OF SYSTEM DEVELOPMENT FEES (Incremental)

The following chart shows the calculation of each system's (Water or Waste Water) SDF / ERU for Incremental costs, taking into account each projects in progress which are not in the current asset inventory, for which debt has been incurred, and payments (principal and interest) that have been made through December 31, 2018.

Also shown is a comparison of the Incremental SDF / ERU based on the respective system capacity versus the total cost per existing ERU based on the system peak capacity to date to illustrate the credit (reduction of cost per ERU) for incremental customers versus the existing customer peak capacity.

CALCULATION OF SYSTEM DEVELOPMENT FEES (Incremental)

Project Description	[1] Approved Projects in Progress (Capital Cost)	[2] Approved Projects in Progress (Total Including Interest)	[3] Approved Projects in Progress (Interest)	[3] Approved Projects (Outstanding Debt Principal)	[4] Approved Project Asset Value Inc. SDF (Principal To Date)	[5] To Date Cost & Debt Svc Existing Customers	Cost To Date / Existing Customer Peak ERU*	Incremental SDF / ERU Capacity** [4] / [5]	Credit % of Incremental SDF VS Existing Customers Cost [=>25%]
Waste Water System									
I & I SAND REMOVAL	WW \$1,430,000	\$1,661,051	\$231,051	\$1,112,405	\$317,595	\$415,285	\$32.84	\$15.88	52%
WB&WW PROJECTS (WASTE WATER PORTION)	WW \$1,181,500	\$555,551	\$55,801	\$384,244	\$115,506	\$138,888	\$10.98	\$5.78	47%
TOTAL		\$2,216,602	\$286,852	\$1,496,650	\$433,100	\$554,172	\$43.83	\$21.66	51%
Water System									
WATER PROJECTS	W \$1,181,500	\$757,872	\$76,122	\$524,179	\$157,571	\$189,468	\$14.98	\$10.17	32%
BOOKER DAIRY RELOCATION	W \$2,037,249	\$2,195,727	\$158,478	\$1,624,610	\$412,639	\$470,513	\$37.21	\$26.62	28%
TOTAL	W \$2,718,999	\$2,953,599	\$234,600	\$2,148,790	\$570,209	\$659,981	\$52.19	\$36.79	30%
							\$96.02	\$58.44	39%

Incremental Cost Calculation Use Only For Approved Capital Improvement Projects (Under Construction, Debt or Obligation Issued and Not in Assets)

20,000	Appendix E
15,500	
12,645	Appendix E
12,645	

** SDF WASTE WATER TOTAL ERU (SYSTEM CAPACITY)
 ** SDF WATER TOTAL ERU (SYSTEM CAPACITY)

* RETAIL WASTE WATER TOTAL ERU (EXISTING CUSTOMER PEAK USAGE)
 * RETAIL WATER TOTAL ERU (EXISTING CUSTOMER PEAK USAGE)

APPENDICES AND ADDITIONAL INFORMATION

**GENERAL ASSEMBLY OF NORTH CAROLINA SESSION 2017 SESSION LAW 2017-138
HOUSE BILL 436**

H436-v-6

AN ACT TO PROVIDE FOR UNIFORM AUTHORITY TO IMPLEMENT SYSTEM DEVELOPMENT FEES FOR PUBLIC WATER AND SEWER SYSTEMS IN NORTH CAROLINA AND TO CLARIFY THE APPLICABLE STATUTE OF LIMITATIONS.

The General Assembly of North Carolina enacts:

SECTION 1. Chapter 162A of the General Statutes is amended by adding a new Article to read:
"Article 8.

"System Development Fees.

"§ 162A-200. Short title.

This Article shall be known and may be cited as the "Public Water and Sewer System Development Fee Act."

"§ 162A-201. Definitions.

The following definitions apply in this Article:

(1) Capital improvement. – A planned facility or expansion of capacity of an existing facility other than a capital rehabilitation project necessitated by and attributable to new development.

(2) Capital rehabilitation project. – Any repair, maintenance, modernization, upgrade, update, replacement, or correction of deficiencies of a facility, including any expansion or other undertaking to increase the preexisting level of service for existing development.

(3) Existing development. – Land subdivisions, structures, and land uses in existence at the start of the written analysis process required by G.S. 162A-205, no more than one year prior to the adoption of a system development fee.

(4) Facility. – A water supply, treatment, storage, or distribution facility, or a wastewater collection, treatment, or disposal facility, including for reuse or reclamation of water, owned or operated, or to be owned or operated, by a local governmental unit and land associated with such facility.

(5) Local governmental unit. – Any political subdivision of the State that owns or operates a facility, including those owned or operated pursuant to local act of the General Assembly or pursuant to Part 2 of Article 2 of Chapter 130A, Article 15 of Chapter 153A, Article 16 of Chapter 160A, or Articles 1, 4, 5, 5A, or 6 of Chapter 162A of the General Statutes.

(6) New development. – Any of the following occurring after the date a local government begins the written analysis process required by G.S. 162A-205, no more than one year prior to the adoption of a system development fee, which increases the capacity necessary to serve that development:

a. The subdivision of land.

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b. The construction, reconstruction, redevelopment, conversion, structural alteration, relocation, or enlargement of any structure which increases the number of service units.

c. Any use or extension of the use of land which increases the number of service units.

(7) Service. – Water or sewer service, or water and sewer service, provided by a local governmental unit.

(8) Service unit. – A unit of measure, typically an equivalent residential unit, calculated in accordance with generally accepted engineering or planning standards.

(9) System development fee. – A charge or assessment for service imposed with respect to new development to fund costs of capital improvements necessitated by and attributable to such new development, to recoup costs of existing facilities which serve such new development, or a combination of those costs, as provided in this Article. The term includes amortized charges,

lump-sum charges, and any other fee that functions as described by this definition regardless of terminology. The term does not include any of the following:

- a. A charge or fee to pay the administrative, plan review, or inspection costs associated with permits required for development.
- b. Tap or hookup charges for the purpose of reimbursing the local governmental unit for the actual cost of connecting the service unit to the system.
- c. Availability charges.
- d. Dedication of capital improvements on-site, adjacent, or ancillary to a development absent a written agreement providing for credit or reimbursement to the developer pursuant to G.S. 153A-280, 153A-451, 160A-320, 160A-499 or Part 3A of Article 18, Chapter 153A or Part 3D of Article 19, Chapter 160A of the General Statutes.
- e. Reimbursement to the local governmental unit for its expenses in constructing or providing for water or sewer utility capital improvements adjacent or ancillary to the development if the owner or developer has agreed to be financially responsible for such expenses; however, such reimbursement shall be credited to any system development fee charged as set forth in G.S. 162A-207(c).

(10) System development fee analysis. – An analysis meeting the requirements of G.S. 162A-205.

"§ 162A-202. Reserved.

"§ 162A-203. Authorization of system development fee.

- (a) A local governmental unit may adopt a system development fee for water or sewer service only in accordance with the conditions and limitations of this Article.
- (b) A system development fee adopted by a local governmental unit under any lawful authority other than this Article and in effect on October 1, 2017, shall be conformed to the requirements of this Article not later than July 1, 2018.

"§ 162A-204. Reserved.

"§ 162A-205. Supporting analysis.

A system development fee shall be calculated based on a written analysis, which may constitute or be included in a capital improvements plan, that:

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- (1) Is prepared by a financial professional or a licensed professional engineer qualified by experience and training or education to employ generally accepted accounting, engineering, and planning methodologies to calculate system development fees for public water and sewer systems.
- (2) Documents in reasonable detail the facts and data used in the analysis and their sufficiency and reliability.
- (3) Employs generally accepted accounting, engineering, and planning methodologies, including the buy-in, incremental cost or marginal cost, and combined cost methods for each service, setting forth appropriate analysis as to the consideration and selection of a method appropriate to the circumstances and adapted as necessary to satisfy all requirements of this Article.
- (4) Documents and demonstrates the reliable application of the methodologies to the facts and data, including all reasoning, analysis, and interim calculations underlying each identifiable component of the system development fee and the aggregate thereof.
- (5) Identifies all assumptions and limiting conditions affecting the analysis and demonstrates that they do not materially undermine the reliability of conclusions reached.
- (6) Calculates a final system development fee per service unit of new development and includes an equivalency or conversion table for use in determining the fees applicable for various categories of demand.
- (7) Covers a planning horizon of not less than 10 years nor more than 20 years.
- (8) Is adopted by resolution or ordinance of the local governmental unit in accordance with G.S. 162A-209.

"§ 162A-206. Reserved.

"§ 162A-207. Minimum requirements.

(a) Maximum. – A system development fee shall not exceed that calculated based on the system development fee analysis.

(b) Revenue Credit. – In applying the incremental cost or marginal cost, or the combined cost, method to calculate a system development fee with respect to water or sewer capital improvements, the system development fee analysis must include as part of that methodology a credit against the projected aggregate cost of water or sewer capital improvements. That credit shall be determined based upon generally accepted calculations and shall reflect a deduction of either the outstanding debt principal or the present value of projected water and sewer revenues received by the local governmental unit for the capital improvements necessitated by and attributable to such new development, anticipated over the course of the planning horizon. In no case shall the credit be less than twenty-five percent (25%) of the aggregate cost of capital improvements.

(c) Construction or Contributions Credit. – In calculating the system development fee with respect to new development, the local governmental unit shall credit the value of costs in excess of the development's proportionate share of connecting facilities required to be oversized for use of others outside of the development. No credit shall be applied, however, for water or sewer capital improvements on-site or to connect new development to water or sewer facilities.

"§ 162A-208. Reserved.

"§ 162A-209. Adoption and periodic review.

(a) For not less than 45 days prior to considering the adoption of a system development fee analysis, the local governmental unit shall post the analysis on its Web site and solicit and furnish a means to submit written comments, which shall be considered by the preparer of the analysis for possible modifications or revisions.

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(b) After expiration of the period for posting, the governing body of the local governmental unit shall conduct a public hearing prior to considering adoption of the analysis with any modifications or revisions.

(c) The local governmental unit shall publish the system development fee in its annual budget or rate plan or ordinance. The local governmental unit shall update the system development fee analysis at least every five years.

"§ 162A-210. Reserved.

"§ 162A-211. Use and administration of revenue.

(a) Revenue from system development fees calculated using the incremental cost method or marginal cost method, exclusively or as part of the combined cost method, shall be expended only to pay:

(1) Costs of constructing capital improvements including, and limited to, any of the following:

a. Construction contract prices.

b. Surveying and engineering fees.

c. Land acquisition cost.

d. Principal and interest on bonds, notes, or other obligations issued by or on behalf of the local governmental unit to finance any costs for an item listed in sub-subdivisions a. through c. of this subdivision.

(2) Professional fees incurred by the local governmental unit for preparation of the system development fee analysis.

(3) If no capital improvements are planned for construction within five years or the foregoing costs are otherwise paid or provided for, then principal and interest on bonds, notes, or other obligations issued by or on behalf of a local governmental unit to finance the construction or acquisition of existing capital improvements.

(b) Revenue from system development fees calculated using the buy-in method may be expended for previously completed capital improvements for which capacity exists and for capital

rehabilitation projects. The basis for the buy-in calculation for previously completed capital improvements shall be determined by using a generally accepted method of valuing the actual or replacement costs of the capital improvement for which the buy-in fee is being collected less depreciation, debt credits, grants, and other generally accepted valuation adjustments.

(c) A local governmental unit may pledge a system development fee as security for the payment of debt service on a bond, note, or other obligation subject to compliance with the foregoing limitations.

(d) System development fee revenues shall be accounted for by means of a capital reserve fund established pursuant to Part 2 of Article 3 of Chapter 159 of the General Statutes and limited as to expenditure of funds in accordance with this section.

"§ 162A-212. Reserved.

"§ 162A-213. Time for collection of system development fees.

For new development involving the subdivision of land, the system development fee shall be collected by a local governmental unit either at the time of plat recordation or when water or sewer service for the subdivision or other development is committed by the local governmental unit. For all other new development, the local governmental unit shall collect the system development fee at the time of application for connection of the individual unit of development to the service or facilities.

"§ 162A-214. Reserved.

"§ 162A-215. Narrow construction.

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Notwithstanding G.S. 153A-4 and G.S. 160A-4, in any judicial action interpreting this Article, all powers conferred by this Article shall be narrowly construed to ensure that system development fees do not unduly burden new development."

SECTION 2. G.S. 130A-64 reads as rewritten:

"§ 130A-64. Service charges and rates.

(a) A sanitary district board shall apply service charges and rates based upon the exact benefits derived. These service charges and rates shall be sufficient to provide funds for the maintenance, adequate depreciation and operation of the work of the district. If reasonable, the service charges and rates may include an amount sufficient to pay the principal and interest maturing on the outstanding bonds and, to the extent not otherwise provided for, bond anticipation notes of the district. Any surplus from operating revenues shall be set aside as a separate fund to be applied to the payment of interest on or to the retirement of bonds or bond anticipation notes. The sanitary district board may modify and adjust these service charges and rates.

(b) The district board may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes."

SECTION 3. G.S. 153A-277 reads as rewritten:

"§ 153A-277. Authority to fix and enforce rates.

(a) A county may establish and revise from time to time schedules of rents, rates, fees, charges, and penalties for the use of or the services furnished or to be furnished by a public enterprise. Schedules of rents, rates, fees, charges, and penalties may vary for the same class of service in different areas of the county and may vary according to classes of service, and different schedules may be adopted for services provided outside of the county. A county may include a fee relating to subsurface discharge wastewater management systems and services on the property tax bill for the real property where the system for which the fee is imposed is located.

...

(a2) A county may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes.

...."

SECTION 4.(a) G.S. 160A-314 reads as rewritten:

"§ 160A-314. Authority to fix and enforce rates.

(a) A city may establish and revise from time to time schedules of rents, rates, fees, charges, and penalties for the use of or the services furnished or to be furnished by any public enterprise. Schedules of rents, rates, fees, charges, and penalties may vary according to classes of service, and different schedules may be adopted for services provided outside the corporate limits of the city.

...

(e) A city may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes."

SECTION 4.(b) G.S. 160A-317 is amended by adding a new subsection to read:

"(a4) System Development Fees. – A city may require system development fees only in accordance with Article 8 of Chapter 162A of the General Statutes."

SECTION 5.(a) G.S. 162A-6(a) is amended by adding a new subdivision to read:

"(9a) To impose and require system development fees only in accordance with Article 8 of this Chapter."

SECTION 5.(b) G.S. 162A-9 is amended by adding a new subsection to read:

"(a5) An authority may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 6.(a) G.S. 162A-36(a) is amended by adding a new subdivision to read:

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"(8a) To impose and require system development fees only in accordance with Article 8 of this Chapter."

SECTION 6.(b) G.S. 162A-49 reads as rewritten:

"§ 162A-49. Rates and charges for services.

(a) The district board may fix, and may revise from time to time, rents, rates, fees and other charges for the use of land for the services furnished or to be furnished by any water system or sewerage system or both. Such rents, rates, fees and charges shall not be subject to supervision or regulation by any bureau, board, commission, or other agency of the State or of any political subdivision. Any such rents, rates, fees and charges pledged to the payment of revenue bonds of the district shall be fixed and revised so that the revenues of the water system or sewerage system or both, together with any other available funds, shall be sufficient at all times to pay the cost of maintaining, repairing and operating the water system or the sewerage system or both, the revenues of which are pledged to the payment of such revenue bonds, including reserves for such purposes, and to pay the interest on and the principal of such revenue bonds as the same shall become due and payable and to provide reserves therefor. If any such rents, rates, fees and charges are pledged to the payment of any general obligation bonds issued under this Article, such rents, rates, fees and charges shall be fixed and revised so as to comply with the requirements of such pledge. The district board may provide methods for collection of such rents, rates, fees and charges and measures for enforcement of collection thereof, including penalties and the denial or discontinuance of service.

(b) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 7.(a) G.S. 162A-69 is amended by adding a new subdivision to read:

"(8a) To impose and require system development fees only in accordance with Article 8 of this Chapter."

SECTION 7.(b) G.S. 162A-72 reads as rewritten:

"§ 162A-72. Rates and charges for services.

(a) The district board may fix, and may revise from time to time, rents, rates, fees and other charges for the use of and for the services furnished or to be furnished by any sewerage system. Such rents, rates, fees and charges shall not be subject to supervision or regulation by any bureau, board, commission, or other agency of the State or of any political subdivision. Any such rents, rates, fees and charges pledged to the payment of revenue bonds of the district shall be fixed and

revised so that the revenues of the sewerage system, together with any other available funds, shall be sufficient at all times to pay the cost of maintaining, repairing and operating the sewerage system the revenues of which are pledged to the payment of such revenue bonds, including reserves for such purposes, and to pay the interest on and the principal of such revenue bonds as the same shall become due and payable and to provide reserves therefor. If any such rents, rates, fees and charges are pledged to the payment of any general obligation bonds issued under this Article, such rents, rates, fees and charges shall be fixed and revised so as to comply with the requirements of such pledge. The district board may provide methods for collection of such rents, rates, fees and charges and measures for enforcement of collection thereof, including penalties and the denial or discontinuance of service.

(b) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 8. G.S. 162A-85.13 is amended by adding a new subsection to read:

"(a1) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 9. G.S. 162A-88 reads as rewritten:

"§ 162A-88. District is a municipal corporation.

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(a) The inhabitants of a county water and sewer district created pursuant to this Article are a body corporate and politic by the name specified by the board of commissioners. Under that name they are vested with all the property and rights of property belonging to the corporation; have perpetual succession; may sue and be sued; may contract and be contracted with; may acquire and hold any property, real and personal, devised, sold, or in any manner conveyed, dedicated to, or otherwise acquired by them, and from time to time may hold, invest, sell, or dispose of the same; may have a common seal and alter and renew it at will; may establish, revise and collect rates, fees or other charges and penalties for the use of or the services furnished or to be furnished by any sanitary sewer system, water system or sanitary sewer and water system of the district; and may exercise those powers conferred on them by this Article.

(b) The district board may require system development fees only in accordance with Article 8 of this Chapter."

SECTION 10.(a) G.S. 1-52(15) reads as rewritten:

"(15) For the recovery of taxes paid as provided in G.S. 105-381.G.S. 105-381 or for the recovery of an unlawful fee, charge, or exaction collected by a county, municipality, or other unit of local government for water or sewer service or water and sewer service."

SECTION 10.(b) This section is to clarify and not alter G.S. 1-52.

SECTION 11. Sections 1 through 9 of this act become effective October 1, 2017, and apply to system development fees imposed on or after that date. Section 10 of this act, being a clarifying amendment, has retroactive effect and applies to claims accrued or pending prior to and after the date that section becomes law. Nothing in this act provides retroactive authority for any system development fee, or any similar fee for water or sewer services to be furnished, collected by a local governmental unit prior to October 1, 2017. The remainder of this act is effective when it becomes law and applies to claims accrued or pending prior to and after that date.

In the General Assembly read three times and ratified this the 29th day of June, 2017.

s/ Daniel J. Forest

President of the Senate

s/ Tim Moore

Speaker of the House of Representatives

s/ Roy Cooper

Governor Approved 4:13 p.m. this 20th day of July, 2017

TOWN OF SMITHFIELD
Water & Sewer Fund
Debt Service

Debt for Project in Inventory - Used for Buy-In SDF Calculation

Debt for Assets in Inventory - Used for Buy-In SDF Calculation

G/L Account#	Description	Lender	Account#	Loan Amount	FY 17-18 Principle	FY 17-18 Interest	FY 17-18 Total Paid	Date of Payment	Loan Balance
30-71-7240-5400-9502	Sewer Loan	NC DENR	H-SRL-T-96-0322	408,220.00	20,411.00	306.17		4/13/2018	0.00
						306.17	306.17	10/27/2017	
30-71-7240-5400-9503	Equipment Loan 83% Joint loan with Electric 31-7250-0001	KS Bank	10153252	407,683.55 of 491,185.00	41,155.63 40,825.74	1,284.64 1,614.53	42,440.27 42,440.27	5/11/2018 11/17/2017	125,527.71
30-71-7240-5400-9505	I & I Sand Removal	Four Oaks	58262	743,000.00	62,886.21	20,170.73	83,056.94	8/18/2017	1,178,375.70
					63,876.72	19,180.22	83,056.94	2/16/2017	
30-71-7240-5400-9506	Water/Sewer Projects	BB&T	993300354700003	438,500.00	54,609.50	11,061.64	65,671.14	10/13/2017	964,164.08
					55,171.98	10,499.16	65,671.14	4/6/2018	
30-71-7240-5400-9507	FY17 Sewer Projects								
30-71-7240-5400-9508	Booker Dairy Rd	BB&T	9933003547	2,703,729.00	136,159.55	20,678.08	156,837.63	9/20/2017	1,763,547.88
					137,541.57	19,296.06	156,837.63	3/15/2018	

Allocation of Debt Service by Utility	Loan Balance	Water Allocation	Waste Water Allocation	
30-71-7240-5400-9503 Equipment Loan 83% Joint loan with Electric 31-7250-0001	125,527.71	62,763.86	62,763.86	Debt for Assets in Inventory
30-71-7240-5400-9505 I & I Sand Removal		50%	50%	
30-71-7240-5400-9506 Water/Sewer Projects				
30-71-7240-5400-9508 Booker Dairy Rd				

TOTAL DEBT FOR SDF BUY-IN ANALYSIS

\$62,763.86 \$62,763.86

Appendix C

(Not Used)

Historical Cost Indexes

The table below lists both the RSMeans® historical cost index based on Jan. 1, 1993 = 100 as well as the computed value of an index based on Jan. 1, 2019 costs. Since the Jan. 1, 2019 figure is estimated, space is left to write in the actual index figures as they become available through the quarterly RSMeans Construction Cost Indexes.

To compute the actual index based on Jan. 1, 2019 = 100, divide the historical cost index for a particular year by the actual Jan. 1, 2019 construction cost index. Space has been left to advance the index figures as the year progresses.

Year	Historical Cost Index Jan. 1, 1993 = 100		Current Index Based on Jan. 1, 2019 = 100		Year	Historical Cost Index Jan. 1, 1993 = 100		Current Index Based on Jan. 1, 2019 = 100		Year	Historical Cost Index Jan. 1, 1993 = 100		Current Index Based on Jan. 1, 2019 = 100	
	Est.	Actual	Est.	Actual		Actual	Est.	Actual	Actual		Est.	Actual		
Oct 2019*					July 2004	143.7	63.2			July 1986	84.2	37.1		
July 2019*					2003	132.0	58.1			1985	82.6	36.3		
April 2019*					2002	128.7	56.6			1984	82.0	36.1		
Jan 2019*	227.3		100.0	100.0	2001	125.1	55.0			1983	80.2	35.3		
July 2018		222.9	98.1		2000	120.9	53.2			1982	76.1	33.5		
2017		213.6	94.0		1999	117.6	51.7			1981	70.0	30.8		
2016		207.3	91.2		1998	115.1	50.6			1980	62.9	27.7		
2015		206.2	90.7		1997	112.8	49.6			1979	57.8	25.4		
2014		204.9	90.1		1996	110.2	48.5			1978	53.5	23.5		
2013		201.2	89.5		1995	107.6	47.3			1977	49.5	21.8		
2012		194.6	85.6		1994	104.4	45.9			1976	46.9	20.6		
2011		191.2	84.1		1993	101.7	44.7			1975	44.8	19.7		
2010		183.5	80.7		1992	99.4	43.7			1974	41.4	18.2		
2009		180.1	79.2		1991	96.8	42.6			1973	37.7	16.6		
2008		180.4	79.4		1990	94.3	41.5			1972	34.8	15.3		
2007		169.4	74.5		1989	92.1	40.5			1971	32.1	14.1		
2006		162.0	71.3		1988	89.9	39.5			1970	28.7	12.6		
2005		151.6	66.7		1987	87.7	38.6			1968	26.9	11.8		

Adjustments to Costs

The "Historical Cost Index" can be used to convert national average building costs at a particular time to the appropriate building costs for some other time.

Time Adjustment Using the Historical Cost Indexes:

$$\frac{\text{Index for Year A}}{\text{Index for Year B}} \times \text{Cost in Year B} = \text{Cost in Year A}$$

Example:

Estimate and compare construction costs for different years in the same city.

To estimate the national average construction cost of a building in 1970, knowing that it cost \$900,000 in 2019:

$$\text{INDEX in 1970} = 28.7$$

$$\text{INDEX in 2019} = 227.3$$

$$\frac{\text{INDEX 1970}}{\text{INDEX 2019}} \times \text{Cost 2019} = \text{Cost 1970}$$

$$\frac{28.7}{227.3} \times \$900,000 = .126 \times \$900,000 = \$113,400$$

The construction cost of the building in 1970 was \$113,400.

Note: The city cost indexes for Canada can be used to convert U.S. national averages to local costs in Canadian dollars.

Example:

To estimate and compare the cost of a building in Toronto, ON in 2019 with the known cost of \$600,000 (US\$) in New York, NY in 2019:

$$\text{INDEX Toronto} = 110.1$$

$$\text{INDEX New York} = 132.1$$

$$\frac{\text{INDEX Toronto}}{\text{INDEX New York}} \times \text{Cost New York} = \text{Cost Toronto}$$

$$\frac{110.1}{132.1} \times \$600,000 = .834 \times \$600,000 = \$500,076$$

The construction cost of the building in Toronto is \$500,076 (CNS).

*Historical Cost Index updates and other resources are provided on the following website:
<http://info.enr.com/rsmeans/rsmeans.html>

Appendix E CALCULATION OF SYSTEM EQUIVALENT RESIDENTIAL UNITS BY CAPACITY

Town of Smithfield

Miles of Line	91 miles Waste Water	127 miles Water
Daily Use	3,428 MGD Avg.	5,058 MGD Max
Water System Capacity	7,000 MGD	Permitted Capacity RE: Email UD 1/8/19 2.0 MGD Allocated to JCo. Utility:
Waste Water System Capacity	7,000 MGD	Total Lift Station Capacity RE: Email UD 1/8/19 @ 80% Capacity

ERU By Capacity * NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom

ERU GPD Water use	400 GPD	Waste Water GPD / 0.9
ERU GPD Waste Water Use	360 GPD	*

Water System Capacity	6,200,000 GPD** /	400 GPD / ERU =	15,500 ERU TOTAL SYSTEM CAPACITY
Waste Water System Capacity	7,200,000 GPD /	360 GPD / ERU =	20,000 ERU TOTAL SYSTEM CAPACITY

** 2.0 MGD Allocated to Wholesale Sales

ERU By Actual Use * NC Administrative Code 15A NCAC02T.0114 for a three bedroom home based on 120 GPD per bedroom

ERU GPD Water use	400 GPD	Waste Water GPD / 0.9
ERU GPD Waste Water Use	360 GPD	*

Water System Peak Use Existing Customers	5,058,000 GPD** /	400 GPD / ERU =	12,645 ERU EXISTING CUSTOMER ESTIMATE BY US
WW System Peak / Existing Customers Estimate	4,552,200 GPD /	360 GPD / ERU =	12,645 ERU EXISTING CUSTOMER ESTIMATE BY US

** 2017 Peak Water Usage Reported Data to DWR and LWSP & WW Estimated by Water X 0.9

Appendix F

INCREMENTAL SDF CALCULATION (Principal Including All Payments to Date & Financing Model)

Allocation of Debt Service by Utility		Principal Payment to Date Through 12/31/2018	Water Allocation	Waste Water Allocation
30-71-7240-5400-9503	Equipment Loan 83% Joint loan with Electric 31-7250-0001	0.00	0.00	0.00
30-71-7240-5400-9505	I & I Sand Removal	317,594.79	50%	50%
30-71-7240-5400-9506	Water/Sewer Projects	273,076.18	50%	50%
30-71-7240-5400-9508	Booker Dairy Rd	412,638.74	50%	50%

Aug 2, 2016
Memo - T. Credle
/ G. Siles

Total Project Principal Paid to Date - Assets Not in Inventory (Incremental SDF)

\$1,430,000.00

I&I SAND REMOVAL

Loan \$1,430,000.00
Interest 2.90%
Year 10
Payment \$83,056.94

Period	Beginning Balance	Payment	Principal	Interest	Cummulative Principal	Cummulative Interest	Ending Balance
9/1/2016	\$1,430,000.00	\$83,056.94	\$61,861.17	\$21,195.77	\$61,861.17	\$21,195.77	\$1,368,138.83
3/1/2017	\$1,368,138.83	\$83,056.94	\$63,000.20	\$20,056.74	\$124,861.37	\$41,252.51	\$1,305,138.63
9/1/2017	\$1,305,138.63	\$83,056.94	\$62,886.21	\$20,170.73	\$187,747.58	\$61,423.24	\$1,242,252.42
3/1/2018	\$1,242,252.42	\$83,056.94	\$63,876.72	\$19,180.22	\$251,624.30	\$80,603.46	\$1,178,375.70
9/1/2018	\$1,178,375.70	\$83,056.94	\$65,970.49	\$17,086.45	\$317,594.79	\$97,689.91	\$1,112,705.21
3/1/2019	\$1,112,705.21	\$83,056.94	\$66,927.06	\$16,129.88	\$384,521.85	\$113,819.79	\$1,045,478.15
9/1/2019	\$1,045,478.15	\$83,056.94	\$67,897.51	\$15,159.43	\$452,419.36	\$128,979.22	\$977,580.64
3/1/2020	\$977,580.64	\$83,056.94	\$68,882.02	\$14,174.92	\$521,301.38	\$143,154.14	\$908,698.62
9/1/2020	\$908,698.62	\$83,056.94	\$69,880.81	\$13,176.13	\$591,182.19	\$156,330.27	\$838,817.81
3/1/2021	\$838,817.81	\$83,056.94	\$70,894.08	\$12,162.86	\$662,076.27	\$168,493.13	\$767,923.73
9/1/2021	\$767,923.73	\$83,056.94	\$71,922.05	\$11,134.89	\$733,998.32	\$179,628.02	\$696,001.68
3/1/2022	\$696,001.68	\$83,056.94	\$72,964.92	\$10,092.02	\$806,963.24	\$189,720.04	\$623,036.76
9/1/2022	\$623,036.76	\$83,056.94	\$74,022.91	\$9,034.03	\$880,986.15	\$198,754.07	\$549,013.85
3/1/2023	\$549,013.85	\$83,056.94	\$75,096.24	\$7,960.70	\$956,082.39	\$206,714.77	\$473,917.61
9/1/2023	\$473,917.61	\$83,056.94	\$76,185.13	\$6,871.81	\$1,032,267.52	\$213,586.58	\$397,732.48
3/1/2024	\$397,732.48	\$83,056.94	\$77,289.82	\$5,767.12	\$1,109,557.34	\$219,353.70	\$320,442.66
9/1/2024	\$320,442.66	\$83,056.94	\$78,410.52	\$4,646.42	\$1,187,967.86	\$224,000.12	\$242,032.14
3/1/2025	\$242,032.14	\$83,056.94	\$79,547.47	\$3,509.47	\$1,267,515.33	\$227,509.59	\$162,484.67
9/1/2025	\$162,484.67	\$83,056.94	\$80,700.91	\$2,356.03	\$1,348,216.24	\$229,865.62	\$81,783.76
3/1/2026	\$81,783.76	\$82,969.62	\$81,783.76	\$1,185.86	\$1,430,000.00	\$229,865.62	\$0.00
					\$1,430,000.00	\$229,865.62	Total Principal & Interest

W&S PROJECTS

Loan \$1,181,500.00
 Interest 1.03%
 Year 10
 Payment \$65,671.14

Period	Beginning Balance	Payment	Principal	Interest	Cummulative Principal	Cummulative Interest	Ending Balance
9/1/2016	\$1,181,500.00	\$65,671.14	\$53,501.69	\$12,169.45	\$53,501.69	\$12,169.45	\$1,127,998.31
3/1/2017	\$1,127,998.31	\$65,671.14	\$54,052.76	\$11,618.38	\$107,554.45	\$23,787.83	\$1,073,945.55
9/1/2017	\$1,073,945.55	\$65,671.14	\$54,609.50	\$11,061.64	\$162,163.95	\$34,849.47	\$1,019,336.05
3/1/2018	\$1,019,336.05	\$65,671.14	\$55,171.98	\$10,499.16	\$217,335.93	\$45,348.63	\$964,164.07
9/1/2018	\$964,164.07	\$65,671.14	\$55,740.25	\$9,930.89	\$273,076.18	\$55,279.52	\$908,423.82
3/1/2019	\$908,423.82	\$65,671.14	\$56,314.37	\$9,356.77	\$329,390.55	\$64,636.29	\$852,109.45
9/1/2019	\$852,109.45	\$65,671.14	\$56,894.41	\$8,776.73	\$386,284.96	\$73,413.02	\$795,215.04
3/1/2020	\$795,215.04	\$65,671.14	\$57,480.43	\$8,190.71	\$443,765.39	\$81,603.73	\$737,734.61
9/1/2020	\$737,734.61	\$65,671.14	\$58,072.47	\$7,598.67	\$501,837.86	\$89,202.40	\$679,662.14
3/1/2021	\$679,662.14	\$65,671.14	\$58,670.62	\$7,000.52	\$560,508.48	\$96,202.92	\$620,991.52
9/1/2021	\$620,991.52	\$65,671.14	\$59,274.93	\$6,396.21	\$619,783.41	\$102,599.13	\$561,716.59
3/1/2022	\$561,716.59	\$65,671.14	\$59,885.46	\$5,785.68	\$679,668.87	\$108,384.81	\$501,831.13
9/1/2022	\$501,831.13	\$65,671.14	\$60,502.28	\$5,168.86	\$740,171.15	\$113,553.67	\$441,328.85
3/1/2023	\$441,328.85	\$65,671.14	\$61,125.45	\$4,545.69	\$801,296.60	\$118,099.36	\$380,203.40
9/1/2023	\$380,203.40	\$65,671.14	\$61,755.04	\$3,916.10	\$863,051.64	\$122,015.46	\$318,448.36
3/1/2024	\$318,448.36	\$65,671.14	\$62,391.12	\$3,280.02	\$925,442.76	\$125,295.48	\$256,057.24
9/1/2024	\$256,057.24	\$65,671.14	\$63,033.75	\$2,637.39	\$988,476.51	\$127,933.87	\$193,023.49
3/1/2025	\$193,023.49	\$65,671.14	\$63,683.00	\$1,988.14	\$1,052,159.51	\$129,921.01	\$129,340.49
9/1/2025	\$129,340.49	\$65,671.14	\$64,338.93	\$1,332.21	\$1,116,498.44	\$131,253.22	\$65,001.56
3/1/2026	\$65,001.56	\$65,671.08	\$65,001.56	\$669.52	\$1,181,500.00	\$131,922.74	\$0.00
					\$1,313,422.74	Total Principal & Interest	
		\$118,937.65		WW	\$118,937.65	\$15,900.48	
		\$169,463.05		W	\$169,463.05	\$17,726.88	

Booker Dairy Relocation

Loan \$2,037,249.00
 Interest 1.02%
 Year 7
 Payment \$156,837.63

Period	Beginning Balance	Payment	Principal	Interest	Cummulative Principal	Cummulative Interest	Ending Balance
9/23/2017	\$2,037,249.00	\$156,837.63	\$136,159.55	\$20,678.08	\$136,159.55	\$20,678.08	\$1,901,089.45
3/23/2018	\$1,901,089.45	\$156,837.63	\$137,541.57	\$19,296.06	\$273,701.12	\$39,974.14	\$1,763,547.88
9/23/2018	\$1,763,547.88	\$156,837.63	\$138,937.62	\$17,900.01	\$412,638.74	\$57,874.15	\$1,624,610.26
3/23/2019	\$1,624,610.26	\$156,837.63	\$140,347.83	\$16,489.80	\$552,986.57	\$74,363.95	\$1,484,262.43
9/23/2019	\$1,484,262.43	\$156,837.63	\$141,772.36	\$15,065.27	\$694,758.93	\$89,429.22	\$1,342,490.07
3/23/2020	\$1,342,490.07	\$156,837.63	\$143,211.35	\$13,626.28	\$837,970.28	\$103,055.50	\$1,199,278.72
9/23/2020	\$1,199,278.72	\$156,837.63	\$144,664.95	\$12,172.68	\$982,635.23	\$115,228.18	\$1,054,613.77
3/23/2021	\$1,054,613.77	\$156,837.63	\$146,133.30	\$10,704.33	\$1,128,768.53	\$125,932.51	\$908,480.47
9/23/2021	\$908,480.47	\$156,837.63	\$147,616.55	\$9,221.08	\$1,276,385.08	\$135,153.59	\$760,863.92
3/23/2022	\$760,863.92	\$156,837.63	\$149,114.86	\$7,722.77	\$1,425,499.94	\$142,876.36	\$611,749.06
9/23/2022	\$611,749.06	\$156,837.63	\$150,628.38	\$6,209.25	\$1,576,128.32	\$149,085.61	\$461,120.68
3/23/2023	\$461,120.68	\$156,837.63	\$152,157.25	\$4,680.38	\$1,728,285.57	\$153,765.99	\$308,963.43
9/23/2023	\$308,963.43	\$156,837.63	\$153,701.65	\$3,135.98	\$1,881,987.22	\$156,901.97	\$155,261.78
3/23/2024	\$155,261.78	\$156,837.69	\$155,261.78	\$1,575.91	\$2,037,249.00	\$158,477.88	(\$0.00)
					\$170,512.81	Total Principal & Interest	
					\$219,726.88		

AFFIDAVIT OF PUBLICATION

State of Florida, County of Orange, ss:

Megan Villanueva, being first duly sworn, deposes and says: That (s)he is a duly authorized signatory of Column Software, PBC, duly authorized agent of Johnstonian News, a newspaper printed and published in the City of Smithfield, County of Johnston, State of North Carolina, and that this affidavit is Page 1 of 1 with the full text of the sworn-to notice set forth on the pages that follow, and the hereto attached:

PUBLICATION DATES:

Jan. 24, 2024

NOTICE ID: nREvgqUmXh4e2pCldluQ

NOTICE NAME: PH - System Development Fees

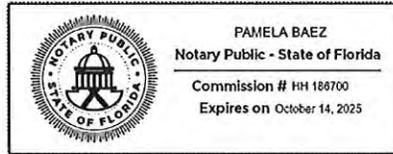
Publication Fee: 51.20

I declare under penalty of perjury under the laws of North Carolina that the foregoing is true and correct.

Megan Villanueva
(Signed)

VERIFICATION

State of Florida
County of Orange



Subscribed in my presence and sworn to before me on this: 01/24/2024

[Signature]

Notary Public
Notarized online using audio-video communication

TOWN OF SMITHFIELD NOTICE OF PUBLIC HEARING PROPOSED SYSTEM DEVELOPMENT FEE SCHEDULE

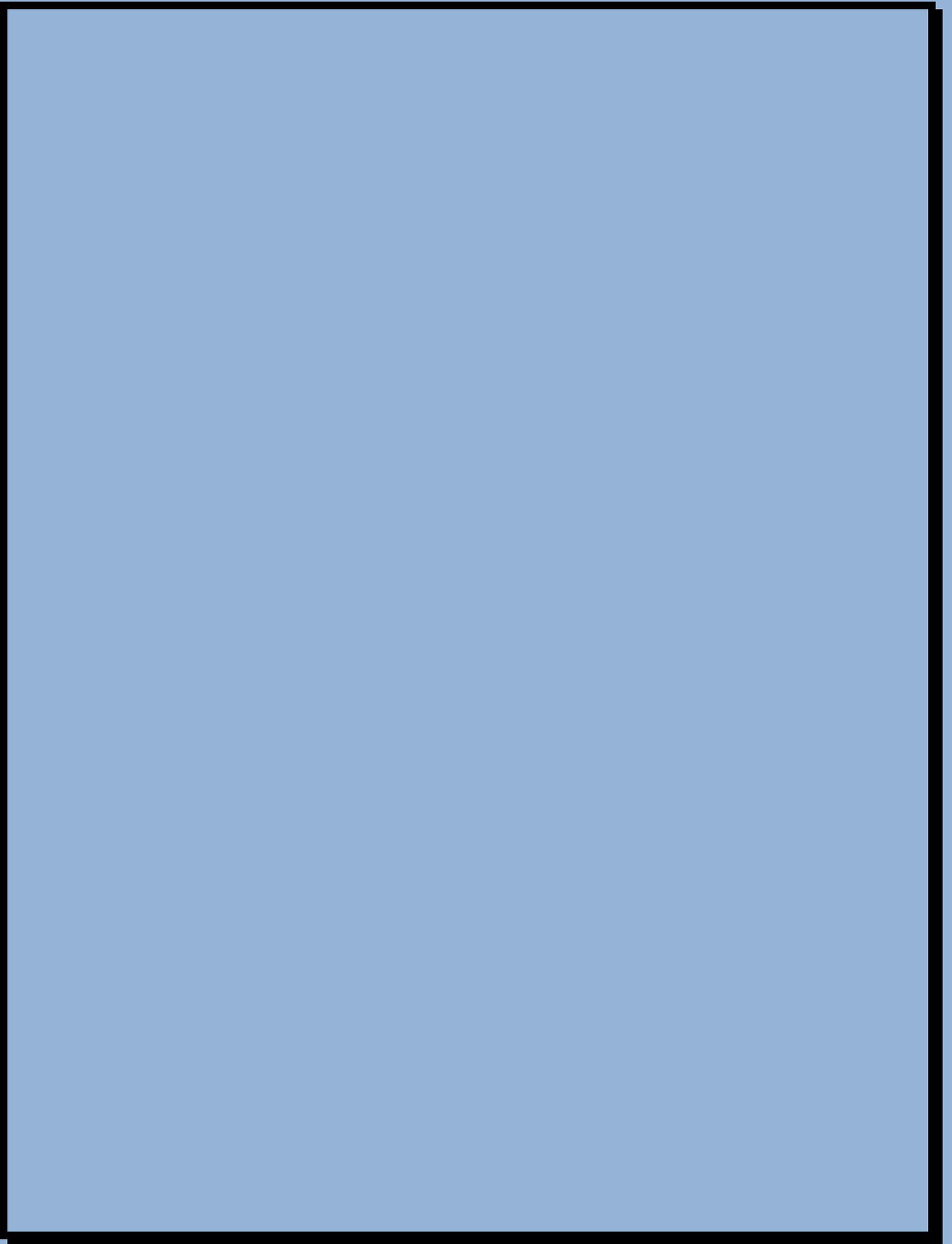
THE PUBLIC WILL TAKE NOTICE that proposed changes to the Town's Utilities System Development Fee Schedule are being considered for adoption as part of an updated system development fee analysis conducted pursuant to N.C.G.S. § 162A-209.

The Smithfield Town Council will hold a public hearing to consider the updated analysis and proposed changes to the Town's System Development Fee Schedule on February 6, 2024 at 7:00 PM, in the Council Chambers of the Town Hall, located at 350 East Market Street, Smithfield, NC, for the purpose of hearing all interested persons who appear with respect to matters related to the updated analysis and proposed changes to the System Development Fee Schedule.

*The Johnstonian
January 24, 2024*

Consent

Agenda Items





Request for Town Council Action

**Consent
Agenda
Item:** Application
for
Temporary
Use Permit
Date: 02/06/2024

Subject: River Jam Concert Series
Department: Planning Department
Presented by: Planning Director – Stephen Wensman
Presentation: Consent Agenda Item

Issue Statement

Smithfield Parks and Recreation is requesting to hold River Jam Neuse Concert Series at 150 S. Front Street.

Financial Impact

Action Needed Council approval of the Temporary Use Permit Application

Recommendation Staff recommends approval of the Temporary Use Permit Application

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Temporary Use Permit Application



Staff Report

**Consent
Agenda
Item:** **Application
for
Temporary
Use Permit**

Smithfield Parks and Recreation is requesting to hold River Jam Neuse Concert Series at 150 S. Front Street. The dates are as follows: March 22nd, April 19th, May 5th, May 17th, June 7th and June 21st. The events would start at 6:30 pm and end at 9:30 pm. On May 5th the amplified sound will be used between 3pm-7pm. The other dates amplified sound will be used 5:30 pm-9pm. Smithfield Police department will provide a police presence. Front Street as well as Johnston Street to Market Street have been requested to be closed between 5:30pm and 9:30pm. Food and alcohol will be sold.



Temporary Use Permit Application

Completed applications must be submitted at least 4 weeks prior to the event by emailing Julie Edmonds at julie.edmonds@smithfield-nc.com or by dropping them off in the Town of Smithfield Planning Department. All applicants should read the following pages before completing all sections required. Incomplete applications may increase the permit processing time. All required information must be submitted along with this application in order for it to be processed. If a person other than the property owner signs this application, a notarized written authorization from the property owner must be attached.

TYPES OF TEMP USE OR EVENT

- Special Event
- Town recognized event _____
 - Over 100 people in attendance
 - Live Band or Amplified Sound _____
 - Requires closure or blockage of Town Street
 - Involves Food Trucks
 - Requires Security (potential safety, security concerns)
 - Involves structures larger than 200 square feet and canopies larger than 400 square feet
 - Involves Town Park property
 - Involves Fireworks (Contact Smithfield Fire Department 919-934-2468)

OTHER TEMP USES

- Modular Office Units
- Emergency, construction and repair residence
- Temporary storage facility (portable storage unit)
- Sale of agricultural products grown off-site
- Sale of Fireworks
- Other (please describe) _____

River Jam Neuse Concert Series	150 S Front Street
Name of Event	Location of Event/Use (exact street address)

APPLICANT:

Name Gary Johnson - Parks & Rec.

Address P O BOX 2344

Phone number 919-934-2148

Email address tiffany.pearson@smithfield-nc.com

Event date 3/22, 4/19, 5/5, 5/17, 6/7, 6/21

Event start time 6:30 PM

Event set up time 5PM

Sound Amplification Type BAND

Sound Amplification Time 5:30PM-9PM (5/5 3pm-7pm)

PROPERTY OWNER:

Name Town of Smithfield

Address 150 S Front Street

Phone number 919-934-2148

Email address gary.johnson@smithfield-nc.com

Will alcohol be sold or served? Y or N

Event end time 9:30 PM

Event cleanup time 10PM

Will food or goods be sold? Y or N

Food Trucks (if applicable) _____ (Each Food Truck Requires Certificate of Inspections by Johnston County Environmental Health Department, Proof of Insurance, A Copy of the Vehicle or Trailer Registration and/or ABC Permit, if applicable and must be submitted with this application).

Security agency name & phone, if applicable: Town of Smithfield Police
(If using Smithfield Police, applicant must contact the PD to schedule security.)

Will any town property be used (i.e., streets, parks, greenways)? Neuse River Ampitheater

If any town streets require closure, please list all street names. Front Street Johnston to Market 5:30pm-9:30pm

Are event trash cans needed? Y or N How many? _____

Please provide a detailed description of the proposed temporary use or special event:

Concert Series for the Town of Smithfield River Jam Concert Series

Temporary Use Submittal Checklist:

1. Completed Temporary Use Permit application
2. Other documentations deemed necessary by the administrator
3. Application fee - \$100
4. Site plan, if required by the administrator

Method of Payment: Cash _____ Check# _____ Credit Card _____ Amount \$ _____

Payment Received By: _____

Date: _____

CERTIFICATION OF APPLICANT AND/OR PROPERTY OWNER

I hereby certify that the information contained in this application is true to the best of my knowledge and I further certify that this event/use will be conducted per all applicable local laws. I certify that I have received the attached information concerning the regulations for temporary uses. If an event, I certify that I have notified all adjoining property owners of the planned event.

Gary Johnson _____ [Signature] _____ 1-17-24 _____
Applicant's Name (Print) Signature Date

Planning Director Signature: [Signature] _____ Date: [Signature] 1-18-24



Request for Town Council Action

Consent
Agenda
Item: Surplus
Property
Date: 02/06/2024

Subject: Surplus Property
Department: Various
Presented by: Various Department Heads
Presentation: Consent Agenda Item

Issue Statement

Various Town Departments are requesting to have vehicles and equipment declared as surplus property. The vehicles and equipment can be auctioned on Govdeals.com, thus **removing them from the Town's inventory.**

Financial Impact

Unknown. Sales of all items will increase revenues.

Action Needed

Approval of Resolution No. 740 (01-2024) declaring items listed as surplus property and authorizing the sale of said property at public auction.

Recommendation

Staff recommends the items listed on the resolution be declared surplus property and allow them to be auctioned on GovDeals.com

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Resolution No. 740 (01-2024)



Staff Report

Consent
Agenda
Item

Surplus
Property

Staff is requesting the following items be declared surplus property thus allowing them to be sold at the online Public Auction site, GovDeals.com.

Dept.	Vin/Ser.#	Description
Public Works		Miller Tilt Top Trailer
Public Works	Engine Serial: 5030TF270B	2002 American Road Machinery Green Leaf Box
Public Works		7x 20 Trailer with walls
Public Works	802701510	Bobcat Skid steer Grader Blade
Public Works		Utility Pole Trailer
Public Works		7x 20 Trailer without sides
Public Works		7x20 Trailer with 2' sides
Public Works	STT61A-27KA / A6200689	Scag Turf Tiger
Public Works	LS-20/ A90127	Turfco Seed Spreader
Public Works	1FDWF36593EB91245	2003 Ford- F350
Public Works		Asplundh Eager Beaver 290 Wood Chipper
Public Works	7610	New Holland Brush Cutter
Public Works	2FZHATDC77AX27076	2007 Sterling L75000 Trash Truck
Public Works	3Z495	1978 80 Gallon 2 Stage 3 Phase Compressor
Public Works	07656	1994 Gas Powered Wood Chipper
Parks & Recreation	T0401CG733931	John Deere 410 C Turbo Backhoe
Police	2G1WS553681267253	2007 Chevrolet Impala
Police	2C3CDXAT4GHH259037	2016 Dodge Charger
Police		25 large interior can lights

TOWN OF SMITHFIELD RESOLUTION NO. 740 (01-2024)
AUTHORIZING THE SALE OF CERTAIN
PERSONAL PROPERTY AT PUBLIC AUCTION

WHEREAS, the Town Council of the Town of Smithfield desires to dispose of certain surplus property of the Town in accordance with NC GS 160A-270; and

WHEREAS, the Town Council of the Town of Smithfield desires to utilize the auction services of a public electronic auction service.

NOW, THEREFORE, BE IT RESOLVED by the Town Council that:

1. The following described property is hereby declared to be surplus to the needs of the Town:

Dept.	Vin/Ser.#	Description
Public Works		Miller Tilt Top Trailer
Public Works	Engine Serial: 5030TF270B	2002 American Road Machinery Green Leaf Box
Public Works		7x 20 Trailer with walls
Public Works	802701510	Bobcat Skid steer Grader Blade
Public Works		Utility Pole Trailer
Public Works		7x 20 Trailer without sides
Public Works		7x20 Trailer with 2' sides
Public Works	STT61A-27KA / A6200689	Scag Turf Tiger
Public Works	LS-20/ A90127	Turfco Seed Spreader
Public Works	1FDWF36S93EB91245	2003 Ford- F350
Public Works		Asplundh Eager Beaver 290 Wood Chipper
Public Works	7610	New Holland Brush Cutter
Public Works	2FZHATDC77AX27076	2007 Sterling L75000 Trash Truck
Public Works	3Z495	1978 80 Gallon 2 Stage 3 Phase Compressor
Public Works	07656	1994 Gas Powered Wood Chipper
Parks & Recreation	T0401CG733931	John Deere 410 C Turbo Backhoe
Police	2G1WS553681267253	2008 Chevrolet Impala
Police	2C3CDXAT4GH259037	2016 Dodge Charger
Police		25 large interior can lights

2. The Town Manager or his designee is authorized to receive, on behalf of the Town Council, bids via public electronic auction for the purchase of the described property.

3. The public electronic auction will be held beginning no earlier than February 17, 2024
4. The Town Council further authorizes the disposal of Town surplus property by use of a public electronic auction system provided by GovDeals Inc. The property for sale can be viewed at www.govdeals.com. Citizens wanting to bid on property may do so at www.govdeals.com. The terms of the sale shall be: All items are sold as is, where is, with no express or implied warranties; All items will be sold for cash or certified check only; Payment must be received for all items sold before they may be removed from the premises; All items sold must be paid for and removed from the site of the sale within 5 business days of the sale, or they will be subject to resale.
5. The Town Clerk shall cause a notice of the public auction for surplus property to be noticed by electronic means in accordance with G.S. 160A-270(c), available on the Town of Smithfield website www.smithfield-nc.com
6. The highest bid, if it complies with the terms of the sale, may be accepted by the Finance Director or his designee and the sale consummated.

Adopted this the 6th day of February, 2024.

M. Andy Moore, Mayor

ATTEST:

Shannan L. Parrish, Town Clerk



Request for Town Council Action

Consent
Agenda
Item: POOL DECK
RESURFACE
Date: 02/06/2024

Subject: Pool Deck Resurface
Department: Smithfield Recreation & Aquatics Center
Presented by: Parks and Recreation Director – Gary Johnson
Presentation: Consent Agenda Item

Issue Statement:

The Smithfield Recreation and Aquatics Center is requesting approval to enter into contract with Sundek of North Carolina for the resurfacing of the pool decks in the aquatics area.

Financial Impact

Approved Budgeted Amount for FY 2023-2024: \$ 46,000.00

Amount of Purchase/Bid/ Contract: \$ 22,776.00

Action Needed

Approval to enter into contract with Sundek of North Carolina to resurface the pool decks in the aquatics area

Recommendation

Approval to enter into contract with Sundek of North Carolina to resurface the pool decks in the aquatics area

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Sundek of North Carolina Quote
3. Pearl Pools Quote
4. Concrete Conversions Quote



STAFF REPORT

Consent
Agenda
Item: POOL DECK
RESURFACE
Date: 02/06/2024

In the FY 23/24 FY, the Smithfield Recreation and Aquatics Center (SRAC) was allocated \$ 46,000.00 toward the resurfacing of the pool decks in the aquatics area. The surface of the pool decks has become worn and slick due to use and is a safety concern. JCPS, per the joint use agreement, has agreed to pay for half of the expenditure.

Quotes were requested from reputable companies for this resurfacing project and three companies responded with the following quotes:

Sundek of North Carolina	\$ 46,052.00
Pearl Pool Plastering, LLC	\$ 46,148.50
Concrete Conversions	\$ 51,783.00

The SRAC staff is recommending Sundek of North Carolina to perform this work.

Included with this quote is a color band around the edge of the pool to delineate where the pool deck ends at the edge of each pool as well as replacing the non-skid depth and no diving tiles with new tiles as required by state ordinance in the pool decks.

SRAC is requesting approval to enter into contract with Sundek of North Carolina, LLC for the resurfacing of the pool decks in the aquatics area of SRAC in the amount of \$ 46,052.00. **SRAC's cost portion of the project is \$ 22,776.00.**



Sundek of North Carolina

2717 Leighton Ridge Drive | Suite 101 | Wake Forest, NC 27587
 (919) 670-1550 | sales@sundeknc.com | https://sundeknc.com/

RECIPIENT:

Smithfield Recreation and Aquatic Center

600 M Durwood Stephenson Parkway
 Smithfield, NC 27577

Quote #2079

Sent on Dec 08, 2023
 Job Size (SF) 7940
 Job Title Pool Deck Resurface

Total \$46,052.00

Product/Service	Description	Qty.	Unit Price	Total
Commercial Pool System - Main Pool Deck	1. Clean, pressure wash and address all non-structural cracks, spalling and trip hazards. 2. Spray on a thin coat of Sundek Chemical additive. 3. Apply 100% coverage of Sundek Basecoat. 4. Apply Sundek three-dimensional texture coat with compressor and hopper gun. 5. Apply two coats of Sundek Signature color: TBD 6. Apply one coat of Sundek Finish Clear protectant for added stain resistance. 7. Install flexible mastic on formed control joints to address cracks. 8. Touch up, clean up and remove all debris.	1	\$26,117.40	\$26,117.40
Commercial Pool System - Splash Pool Deck	1. Clean and pressure wash and address all non-structural cracks, spalling and trip hazards on the patio. 2. Spray on a thin coat of Sundek Chemical additive. 3. Apply 100% coverage of Sundek Basecoat. 4. Apply Sundek three-dimensional texture coat with compressor and hopper gun. 5. Apply two coats of Sundek Signature color: TBD 6. Apply one coat of Sundek Finish Clear protectant for added stain resistance. 7. Install flexible mastic on formed control joints to address cracks. 8. Touch up, clean up and remove all debris.	1	\$19,934.60	\$19,934.60
Additional Included in costs	1. Add a second color coping runners on Main Pool and Splash Pool for additional safety. 2. Inset new non-skid depth markers in the Sundek per color.	1	\$0.00	\$0.00

A deposit will be required for your project to be scheduled.



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Total

\$46,052.00

Projected start month: TBD 2024

25% Material Mobilization due at approval, 25% due at commencement and 50% due net 30 days after completion.

Contractor's Liability and Warranty - Sundek of NC is responsible for the completion of work in compliance with contract documents and for quality of material and workmanship in accordance with standard specifications. Due to the inherent movement in concrete, soil, and wooden structures, and the possible lack of structural integrity of these substrates, no guarantee, either expressed or implied is granted concerning cracks in Sundek. Contractor is not liable for any drainage improvements or surface runoff causing inadequate drainage. Contractor is not responsible for mastic or clearcoat bubbling. Contractor is not responsible for delay or damages due to fire, accident, weather, soil or subsoil conditions, or other causes beyond the contractor's reasonable control. However, during the application, the contractor accepts full responsibility for any weather damage. Work shall be considered commenced when the crew arrives to begin preparation work.

I accept the fact that all colors are as specified. A slight differentiation will be seen in the transition to textured material. Colors may also vary slightly by being a shade lighter or darker, from natural coloring. If, after the application of the color (stain, dye, finish coat, epoxy, etc.), I am displeased for whatever reason, I accept full responsibility for my choice and will pay all necessary charges to change the color. I, further hold Sundek of North Carolina completely harmless for the choice of and/or the acceptance of the color of my Sundek of North Carolina surface. Color mottling and variations together with texture irregularities are intended to enhance the finished SunStain/SunAcid/SunDye/SunOne/SunCanvas products. Each SunStain/SunAcid/SunDye/SunOne/SunCanvas project is a custom creation and is unique in its color and texture characteristics. Sundek of North Carolina will strive to achieve the color and texture desired by the client however Sundek of North Carolina makes NO GUARANTEE that the color or texture will produce the same uniformity and consistency of manufactured masonry products. Sundek of NC hereby grants the owner a 2-year guarantee against defective material or workmanship, i.e., bond failure, including flaking or peeling of the application. It does not cover mastic, defects, or failures caused by obvious neglect or improper maintenance.

Owner agrees to furnish all water and electricity necessary for the installation of Sundek and agrees to remove or protect all personal property on the area to be resurfaced. Contractor shall not be held responsible for removal and replacement of or damage to said items. Additionally, it is the owner's responsibility to protect the working area from water damage from sprinklers, pets, children, servicemen, etc. during application.

In the event the contractor shall employ an attorney or bring suit to enforce any of the terms or conditions of this agreement, in addition to his claim, the contractor shall be entitled to reasonable attorney's fees and expenses of litigation. All delinquent accounts shall bear interest at 1.5% per month.

This document contains the entire agreement of the parties, including all pre-contract negotiations and understandings, and its execution binds all parties signing it, jointly and severally. As well as their respective heirs, representatives, successors, and assigns. This contract is not transferable.

The undersigned acknowledges receipt of a copy of this contract. The prices, specifications, and conditions (or attached plans) are satisfactory and are hereby accepted.

This proposal may be withdrawn by contractor if not accepted within 90 days.

Notice of Cancellation

You may cancel this transaction, without any penalty or obligation. If you cancel, any property traded in, any payment made by you under contract or sale, and any negotiable instrument executed by you will be returned within 10 business days following receipt by the seller of your cancellation notice, and any security interest arising out of the transaction will be canceled.



Sundek of North Carolina

2717 Leighton Ridge Drive | Suite 101 | Wake Forest, NC 27587
(919) 670-1550 | sales@sundeknc.com | <https://sundeknc.com/>

Notes Continued...

If you cancel, you must make available to the seller at your residence, in substantially as good condition as when received, any goods delivered to you under this contract or sale, or you may, if you wish, comply with the instructions of the seller regarding the return shipment of goods at the seller's expense and risk.

If you do make the goods available to the seller and the seller does not pick them up within 20 days of the date of your Notice of Cancellation, you may retain or dispose of the goods without any further obligation. If you fail to make the goods available to the seller or if you agree to return the goods to the seller and fail to do so, then you remain liable for the performance of all obligations under this contract.

Signature _____

Print Name: _____

Date: _____

TO CANCEL THIS TRANSACTION, MAIL OR DELIVER A SIGNED AND DATED COPY OF THIS CANCELLATION NOTICE.



Pearl Pool Plastering, LLC
 Printed: 1/29/2024
 Phone: 919-746-7011
 5813 Lease Lane, Raleigh, NC, 27617

Proposal

Smithfield Rec & Aquatics Center (01)
 Phone: 919-427-7421
 Cell: 919-427-7421

Job Name & Number:
 Pearl - Smithfield Rec & Aquatics Center (Indoor
 Deck) (01) - J-000024954

600 M Durwood Stephenson Parkway
 Smithfield, NC, 27577

Job Address:
 600 M Durwood Stephenson Parkway,
 Smithfield, NC, 27577

Pearl Pool Plastering, LLC, henceforth referred to as "CONTRACTOR", is proud to present Smithfield Rec & Aquatics Center (01) this proposal for work on your swimming pool project.

Price Breakdown

Deck

Title	Description	Price
JLI-00212459 : Deck - Surfacing/Resurfacing	1) With floor grinders, grind the pool deck smoothly. (Approx 7,600 sqft) 2) Cut out and repair cracks as needed. 3) Power wash pool deck. 4) Acid wash and neutralize the entire pool deck. 5) Clean and prep the pool deck for coating. 6) Apply a new knockdown texture finish to the pool deck. 7) Apply two coats of sealer in the color of choice. Note: Deck Coating Warranty -1 year from the date of installation. Crack filling, and deck and patching repairs are NOT covered under warranty. **All furniture is to be removed by owners before the start date** **Allow 72hrs. for curing before replacing furniture **	SUBTOTAL \$44,631.00*



Pearl Pool Plastering, LLC
 Printed: 1/29/2024
 Phone: 919-746-7011
 5813 Lease Lane, Raleigh, NC, 27617

Other

Title	Description	Price
JLI-00212452 : Best Price Guarantee	Our company offers a best-price guarantee. You can provide us with a competitor's estimate for us to compare line-by-line. The estimate should have a date no more than 30 days old. Our guarantee covers the total job price and not the cost of each individual item. Moreover, we assure you that we will beat any competitor's price, even if it's only by one dollar.	
JLI-00212453 : Contractor Promotion	<p>**Winter 2024 Promotion**</p> <p>1) If you sign a renovation agreement by February 29th, 2024, you'll be eligible for a 10% discount on specific items.</p> <p>Note: The deposit must be received within 30 days of signing the contract.</p> <p>Note: Selected items are already discounted on this estimate.</p> <p>Note: This offer will no longer be valid after the above date.</p>	
JLI-00212454 : Certificate of Insurance / W9	To obtain a Certificate of Insurance or a W9, follow this link www.Pearlpools.net/COI . The certificate will be sent to you.	
JLI-00212455 : Agreement Charges	The proposal excludes any expenses related to vendor registration, third-party invoicing, or compliance system fees. The determination of these fees will be based on the review of relevant documents and the corresponding registration fees.	
JLI-00212456 : Scheduling Reminder	<p>Currently, we are scheduling (6 to 8 weeks out) for your project tentatively based on the weather and the clearance of the deposit in our office.</p> <p>Contractor's Note: It is crucial that the Owner/Management/General Contractor/Builder understands the significance of the received deposit and the challenges that come with adverse weather conditions. Please note that the Plaster/Renovation will not be included in the contractor's scheduling calendar until the deposit has been cleared, which may take 7 to 10 days. Once the deposit has been cleared, we will inform you of a tentative start week. Please be aware that weather conditions in various forms can affect every stage of your renovation/plaster project, and we will only perform the work when the weather permits us</p>	



Pearl Pool Plastering, LLC
 Printed: 1/29/2024
 Phone: 919-746-7011
 5813 Lease Lane, Raleigh, NC, 27617

to deliver the quality of work you desire and deserve. Material shortages, shipping delays, adverse weather conditions such as rain, freezing temperatures, and acts of god can further delay ongoing projects into the year. Please keep in mind that scheduled work dates may be subject to change due to unforeseen circumstances.

JLI-00212457 : Freight Surcharge

1) Shipping surcharges compensate for extra expenses in handling, special service, unusual delivery, or other expenses inherent in shipping products with exceptional requirements or circumstances.

JLI-00212458 : Indoor Job Fees

1) We try to maintain maximum cleanliness while working indoors but must remind management it is a construction area.
 2) We will pressure wash all dust/debris from the pool deck.
 3) We apply plastic covering to all reachable areas indoors to try and maintain maximum cleanliness.
 4) We do not clean windows, rafters, ceilings, or light fixtures and recommend a cleaning service provided by management if required.
 5) We recommend shutting down the HVAC in the pool area and all fire alarms while the work is completed. Any alarms from these services due to dust will be the responsibility of the management staff.
 Note: Fees will be discounted if paired with multiple projects at the same address.

JLI-00212461 : Zone Charge 3 - Southeast

1) Zone Charge for All Phases of Job as Originally Bid. NOTE: The zone charge will also be adjusted if additional services are added.
 2) Zone Charge Subject to Change Before Final Billing. NOTE: Minimum Travel Charge Applies if Under 40 Miles

SUBTOTAL \$1,517.50*

Tax

Title	Description	Price
-------	-------------	-------

JLI-00212460 : NC Tax - Johnston

NC Tax - Johnston

SUBTOTAL \$3,230.40*



Pearl Pool Plastering, LLC
Printed: 1/29/2024
Phone: 919-746-7011
5813 Lease Lane, Raleigh, NC, 27617

Discounts Applied: \$5,059.00

Total Price, Net of Cash Payment Discount: \$49,378.90*

CONCRETE CONVERSIONS
 919-273-4233
 Dunn, NC 28334
 CONCRETECONVERSIONS@GMAIL.COM



Quote

Name: Smithfield Parks and Rec

Phone: 919-427-7421

Address: 600 E. Booker Dairy Road

Email:

City: Smithfield

Date: 10/14/2023

System		Area	Color	Pattern	Price
Epoxy Flake		Kiddie Pool	TBD	Full Flake	\$22,163.61
Epoxy Flake		Olympic Pool	TBD	Full Flake	\$29,619.39
Waterbased Epoxy		Kiddie Pool	TBD	Sand Broadcast	\$14,775.74
Waterbased Epoxy		Olympic Pool	TBD	Sand Broadcast	\$19,746.26
Epoxy Flake	2 ft off wall	Kiddie Pool	TBD	Full Flake	\$19,245.97
Epoxy Flake	2 ft off wall	Olympic Pool	TBD	Full Flake	\$21,703.5
Waterbased Epoxy	2 ft off wall	Kiddie Pool	TBD	Sand Broadcast	\$12,830.65
Waterbased Epoxy	2 ft off wall	Olympic Pool	TBD	Sand Broadcast	\$14,469

Notes: Quote includes diamond grind floor. Repair cracks and holes in concrete.

Epoxy Flake: 100% Solid epoxy applied at 150 sq ft per gallon, broadcast chosen colored flake into wet epoxy until rejection. Clean up loose flake and apply moisture cured urethane with a high wear additive to add extra slip resistance.

Waterbased Epoxy: is a 40% solid epoxy applied at 200 sq ft per gallon. Broadcast sand into the wet epoxy until rejection. Clean up loose sand and apply colored urethane for system protection.

Term: Payment in full is due upon completion of work. Nonpayment of invoice will result in a lien against the installation property. This agreement may be cancelled within 3 business days from the date agreement is signed by the customer and 100% of deposit will be returned, with the exception of special ordered products in which case remaining deposit and products will be given to customer. Cancellations after that time will be subject to a 10% cancellation fee. All special requests must be clearly indicated on this purchase agreement. Concrete Conversions LLC will only perform work agreed upon on invoice. Weather conditions may affect scheduled installation date. All changes to this contract must be recorded on a separate change order signed by both parties. Homeowner Association approval for the installation of the coating is the customer's responsibility. Refer to care sheet for proper cleaning and maintenance. Concrete Conversions LLC makes no warranty against substrates cracks or the return of repaired cracks. We are not responsible for bugs and animals that may become entrapped while project is curing. Not responsible for water damage from leaking pipes, receptacles, or any faulty seals such as but not limited to doors and windows. Not responsible for unauthorized entry from someone not respecting non entry markings such as caution tape, cones, or signs. We are not responsible for paint lift caused by masking materials on painted surfaces. (We only use the best recommended tape on the market for masking purposes, if you have something you would prefer us to use, please have it available when the project starts.) Refer to care sheet upon return of cracks. Concrete Conversions LLC is not responsible for the condition of the original concrete. The purchaser agrees to pay by cash, check, or credit card upon completion of work specified on invoice and agrees to the terms and conditions on the side of purchase agreement.
Please make checks out to: Concrete Conversions LLC.

Customer Signature: _____



Request for Town Council Action

Consent Storage
Agenda Building
Item: Purchase
Date: 02/06/2024

Subject: Storage Building Purchase
Department: Parks and Recreation
Presented by: Parks and Recreation Director – Gary Johnson
Presentation: Consent Agenda Item

Issue Statement

The Parks and Recreation Department is seeking approval to purchase a 12' X 24' storage building from Leonard Aluminum and Building Supplies, LLC to store equipment and departmental supplies.

Financial Impact

Approved Budgeted Amount for FY 2023-2024: \$ 8,000.00
Amount of Purchase/Bid/ Contract: \$ 7,529.00

Action Needed

Authorize the Parks and Recreation Department to purchase a 12' X 24' storage building from Leonard Aluminum and Building Supplies, LLC in the amount of \$ 7,529.00.

Recommendation

Authorize the Parks and Recreation Department to purchase a 12' X 24' storage building from Leonard Aluminum and Building Supplies, LLC in the amount of \$7,529.00.

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Leonard Aluminum and Building Supplies, LCC quote
3. Byrd's Wholesale, Inc quote
4. BAS Buildings, LLC quote



STAFF REPORT

Consent
Agenda
Item: Storage
Building
Date: 02/06/2024

In the 23/24 FY Budget, the Parks and Recreation Department was allocated \$ 8,000.00 for the purchase of a storage building for the storage of equipment and departmental supplies. Quotes were solicited and three quotes were received with the following tabulation:

Leonard Aluminum and Building Supplies, LCC	\$ 7,529.00
Byrd's Wholesale, Inc	\$ 7,794.10
BAS Buildings, LLC	\$ 8,038.00

The Parks and Recreation Department is seeking approval to purchase a 12' X 24' storage building from Leonard Aluminum and Building Supplies, LLC to store equipment and departmental supplies.

**

Quote

Quote expires
March 25, 2024

Page 1 of 1



Leonard Aluminum Utility Buildings, LLC
T/A Leonard Buildings & Truck Accessories

1450 S. Pollock St.
Selma, NC 27576

Phone: 919-965-6002

http://www.leonardusa.com
pos140@leonardusa.com

Ticket #: 140-QUO-101289
Ticket Date: 1/25/24
Station: 2

Sold to: SMITHFIELD PARKS AND REC
600 M DURWOOD STEPHENSON PKWY
SMITHFIELD, NC 27577
(919) 934-2148
TIFFANY.PEARSON@SMITHFIELD-NC.COM

Ship to:

Customer #: 140-008679
Sales Rep:

Ship date:
Location: 140

Ship-via code: U
Terms: Net 30 days

Quantity	Item #	Description	Price	Ext Price
1	B-PLTS-1224-099	CUSTOM PILOT ***WARRANTY*** For building warranty terms and registration, please visit www.leonardusa.com.	\$7,529.00	7,529.00
1	SER-DELIVERY	SERVICE DELIVERY AND SETUP	\$0.00	0.00

User: POS140

Total line items: 2

Sale subtotal: 7,529.00

Sales Tax 508.21

Thank You For Your Business!

Total: 8,037.21

Terms & Conditions:

Trailers are not returnable at any time. Items not in new or resalable condition are not returnable at any time. Special order items, custom painted items, installed items, items sold as is, discontinued or clearance items are not returnable at any time. Merchandise will not be accepted for return after 30 days of our invoice date. All returned items must be in original condition and packaging. You will be charged \$20 or 20% restocking fee, whichever is greater on return of non-defective items. Special Orders cancelled while in progress shall incur a charge for the pro-rated portion of the cost of the item in production -not less than 25% of the quoted price. If you paid by cash or check - your refund, less fee charges, will be mailed from the corporate office within 7 days of refund request approval. If you paid by credit card - the credit card used for your payment will be credited, less fee charges, within 7 days of refund request approval. Maximum state fees, civil and criminal penalties are pursued as state laws govern for returned checks.

Customer signature accepts the above terms and conditions.



Byrd's Wholesale, Inc. 3777 Hwy 70 Bus West, Clayton, NC 27520
 Phone- 919-934-5159 Andy- 919-524-9974 Helyn- 919-215-0139
 gopack87@yahoo.com

WOOD		VINYL		WOOD		VINYL		WOOD		VINYL	
8 x 8...	1782.00	3165.00	10 x 10...	2375.00	4005.00	10 x 20...	4365.00	6502.00	12 x 20...	5235.00	7499.00
8 x 10...	1980.00	3473.00	10 x 12...	2615.00	4287.00	12 x 12...	3140.00	4935.00	12 x 24...	6285.00	8693.00
8 x 12...	2280.00	3953.00	10 x 14...	3050.00	4823.00	12 x 14...	3660.00	5520.00			
8 x 14...	2633.00	5183.00	10 x 16...	3600.00	5458.00	12 x 16...	4185.00	6337.00			
8 x 16...	3010.00	4635.00	10 x 18...	3920.00	6030.00	12 x 18...	4710.00	6660.00			

Blocks/Setup Free Delivery within 30 miles. Lofts 20% above base price. House/Roll Up doors available.

*****PRICES SUBJECT TO CHANGE WITHOUT NOTICE*****

SIZE: 12x20

A-FRAME A-LOFT DUTCH DUTCH-LOFT

Town of Smithfield

SIDING (T-111) OR VINYL

COLOR _____

STYLE DUTCHLAP STRAIGHT

tiffany.pearson@smithfield-nc.com
 PHONE (919) 817-4509 (Cell)
 _____ (Other)

ROOF SHINGLE COLOR: choice

DOUBLE OR SINGLE WOOD DOOR INCLUDED

PREHUNG HOUSE DOOR: SINGLE \$350.00

WINDOWS: \$100.00*** or \$200.00***

WHITE METAL ROLL-UP DOORS: 5ft. - \$485, 6ft. - \$505, 8ft. - \$695

BUILDING PRICE: 7499.00 - 10% discount

EXTRAS: 350.00 Hse Door
695.00 8ft. R/U

DATE ORDERED: 1/23/24

Vinyl buildings with special/color, corners, trim, or soffit will add additional charges.

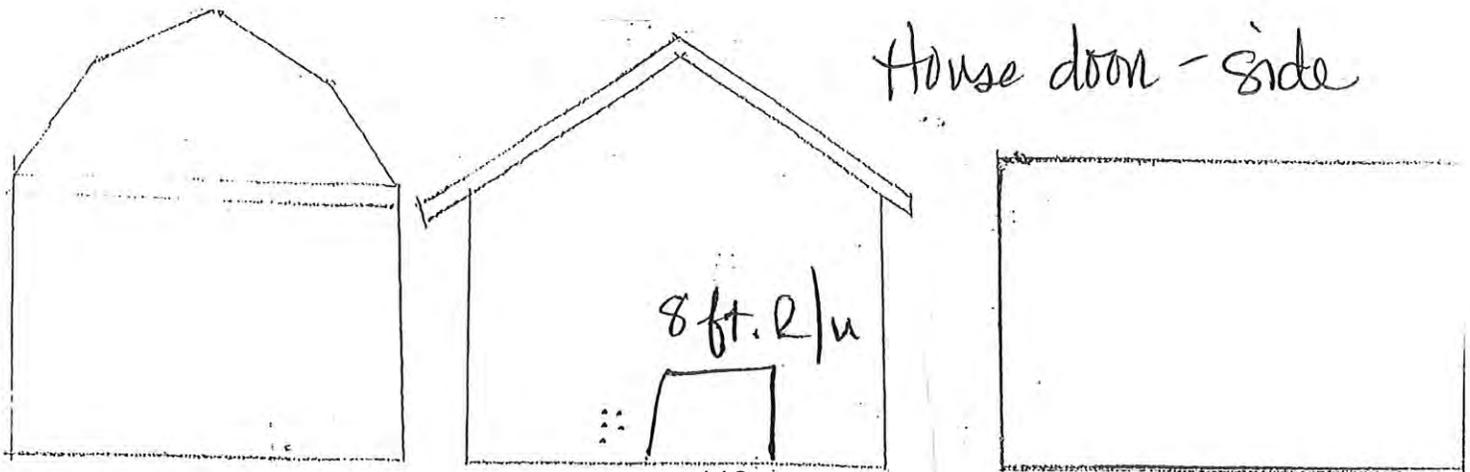
SUBTOTAL: 7794.10

SALES TAX: 526.10

2.95% convenience fee for credit card purchase.

TOTAL COST: 8320.20 CASH/CHECK _____ CREDIT CARD _____

We use a variety of rough cut, millwork, mid-grade, and reclaimed lumber for our products. Lumber of these types by nature, may have superficial inconsistencies and/or contain cosmetic defects. With proper care and maintenance, the structural integrity should not be compromised. To ensure best results we recommend sealing the wood with stain or paint.





SALES AGREEMENT

www.packsheds.com

1641 US Hwy 70 East
 Garner, NC 27529
 (984) 269-7443
 E-mail: susie.basbuildings@gmail.com

Sold To: Smithfield Parks and Recreation		Address: 600 M. Durwood Stephens Hwy, Smithfield, NC 27577		
Order Date:		Phone #: (919)-934-2148		
Estimated Build Date:		E-Mail: brendan.boyd@smithfield-nc.com		
Description - Org		Style: <input type="checkbox"/> Org. 5/12 <input type="checkbox"/> Org. Plus 7/12 <input type="checkbox"/> Org. Elite 9/12 <input type="checkbox"/> Barn		
1 12' x 20' x 8' Side Wall 8'		<input type="checkbox"/> Manor 5/12 <input type="checkbox"/> Manor Plus 7/12 <input type="checkbox"/> Manor Elite 9/12		
Shop Built Door: <input type="checkbox"/> 18" <input checked="" type="checkbox"/> 60" <input type="checkbox"/> Single <input checked="" type="checkbox"/> Double		Shingle Color: <input type="checkbox"/> Charcoal <input type="checkbox"/> Autumn Brown <input type="checkbox"/> Weather Gray <input type="checkbox"/> Other		
Window(s) Size <input type="checkbox"/> Metal <input type="checkbox"/> Vinyl				
Shutters (pair, unpainted)				
Ramp (5'x6' standard, larger will be \$8 sf)		<p>Built on Site, 2 levels of blocks included.</p> <p>*Changes during the build process are subject to a \$250 change order fee added to final*</p> <p>All sales are based on materials being unloaded within 50 feet of build site. Distance beyond 50 feet will be charged a carry in fee determined by builder. Not responsible for damages due to driving onto property (i.e., septic lines, sprinkler systems, concrete drives, lawns).</p> <p>Customer Signature (Agrees & understands front and back of this form)</p> <p>Dealer Signature: (Agreement becomes contract upon both signatures)</p> <p>A RESTOCKING FEE WILL APPLY FOR ANY AND ALL CANCELLATIONS CREDIT CARDS PAYMENTS WILL CHARGE A 3% SURCHARGE</p>		
FLOOR	<input checked="" type="checkbox"/> LP Prostruct (treated joists 12" o.c.)			78±5 7033
Siding	<input checked="" type="checkbox"/> Smartside <input type="checkbox"/> 8' Lap Cement <input type="checkbox"/> Mastic Vinyl			inc
Eaves	<input type="checkbox"/> Metal wrap <input type="checkbox"/> 12" eave <input checked="" type="checkbox"/> 4" eaves <input type="checkbox"/> trimmed 4"			inc
Roof	<input checked="" type="checkbox"/> OSB Standard <input type="checkbox"/> Radiant barrier			inc
Shelves	Shelves to be determined by customer			inc
Shingles	<input checked="" type="checkbox"/> 25 yr 3 tab <input type="checkbox"/> upgrade to 30 yr architectural			inc
Vents	<input checked="" type="checkbox"/> gable <input type="checkbox"/> Ridge vent <input type="checkbox"/> 4' <input type="checkbox"/> 8' <input type="checkbox"/> 12'			inc
Permit	<input checked="" type="checkbox"/> Yes by customer <input type="checkbox"/> No customer declines			
Wind	Hurricane Package <input type="checkbox"/> yes <input type="checkbox"/> no			305
	9' (tall) x 7' (wide) roll up door	700		
*** Mileage Charge: Miles beyond 30 _____ x \$2.00		Tax	542.57	
Subtotal		Total	8580.57	
Due to weather, inspection process & unforeseen circumstances - BUILDING DATE IS TENTATIVE - NOT GUARANTEED		Down Payment	Due upon Completion	
FOR SAFETY, policy requires that you, your family, & your pets remain 15' from build site.		Do Not Mail Payment		



Request for Town Council Action

Consent Agenda Item Date: 02/06/2024
DSDC Board Appointments

Subject: Appointments to the Downtown Smithfield Development **Corporation’s Board of Directors**

Department: General Government

Presented by: Town Clerk – Shannan Parrish

Presentation: Consent Agenda

Issue Statement

The DSDC is requesting the Town Council to appoint Carter Jones & Bill Johnson to its Board of Directors

Financial Impact

There will be no impact to the budget.

Action Needed

Council approval of the appointments and adoption of Resolution No. 741 (02-2024)

Recommendation

Staff recommends approval of **these** appointments and adoption of Resolution No. 741 (02-2024)

Approved: Town Manager Town Attorney (not required)

Attachments:

1. Staff Report
2. Application – Carter Jones
3. Application – Bill Johnson
3. Resolution No. 741 (02-2024)



Staff Report

Consent DSDC Board
Agenda: Appointments

The Downtown Smithfield Development Corporation's Board of Directors is recommending the appointments of Carter Jones & Bill Johnson to serve on the DSDC Board of Directors.

Pursuant to Article VII "Directors Terms" (see below) of the Downtown Smithfield Development Corporation by-laws, any appointment to the Board must be approved by resolution of the Smithfield Town Council.

Article VII – Directors Terms

Directors shall be elected for a term of three years, beginning with five Directors elected in January 2019 and four Directors elected in January 2020 and 2021. Directors will be elected in the month of January. Directors shall be nominated by the Board of Directors and shall become Directors upon approval by resolution of the Smithfield Town Council. At all times, there shall be at least five (5) Directors that own real property in the Downtown Smithfield Municipal Service District, own a business that leases property within the Downtown Smithfield Municipal Service District, or own an interest in a company that owns real property in the Downtown Smithfield Municipal Service District.

TOWN OF SMITHFIELD
RESOLUTION NO. 741 (02-2024)
Supporting an Appointment to the Downtown Smithfield
Development Corporation's Board of Directors

WHEREAS, The Smithfield Town Council has received a request from the Downtown Smithfield Development Corporation's Board of Directors to appoint a member to its Board; and

WHEREAS, pursuant to Article VII of the Downtown Smithfield Development Corporation's By-Laws, the Town Council must approve any appointments/reappointments to the Board of Directors by Resolution; and

WHEREAS, the Downtown Smithfield Development Corporation Board of Directors have recommended the new appointments of Carter Jones & Bill Johnson; and

WHEREAS, the Town Council is asked to consider this appointment and make a determination.

NOW THEREFORE, BE IT RESOLVED, the Town Council does hereby approve the appointments of Carter Jones & Bill Johnson to the Downtown Smithfield Development Corporation's Board of Directors.

Adopted this the 6th day of February, 2024

M. Andy Moore, Mayor

Attest:

Shannan L. Parrish, Town Clerk



Downtown Smithfield Development Corporation Board of Directors Candidate Application

Name Carter Manley Jones

Business Narron Wenzel, P.A.

Business Address 102 S. Third Street, Smithfield, North Carolina 27577

Email cjones@narronwenzel.com Cell Phone 919-580-7979

Business Phone 919-934-0049 Home Phone N/A

Home Address 211 N. Third Street, Smithfield, North Carolina 27577

Brief Biography

I was born and raised on a family farm in Mt. Olive, North Carolina. As a child, I spent my summers working in the tobacco field and helping my dad with farming activities. After graduating from Southern Wayne High School, I attended North Carolina State University, where I studied Agricultural Business Management, Economics, and Accounting. While I was at NC State, I was the President of the Agricultural Business Management Club and the Ducks Unlimited Chapter. After graduating from NC State in the May of 2020, I began law school at Campbell University. While at Campbell, I was involved in the Campbell Law Review and Volunteer Income Tax Assistance Program. After my second year of law school, I worked as a Summer Clerk at Narron Wenzel, P.A. and fell in love with Smithfield. At the end of the summer, I was offered a full-time position as an Associate at Narron Wenzel, P.A. I began working at Narron Wenzel, P.A. in September of 2023 and focus my practice on Estate Planning, Corporate and LLC transactions, and Real Estate planning.

Specific Qualifications for DSDC Board of Directors

From the time I was a young boy, I have been involved in my family's businesses, which include a hardware store, farming operation, and residential real estate. From that, I have learned about the needs of small businesses and how the town can provided services that can benefit all stakeholders. I have also learned what type of businesses can thrive in a downtown setting and how to promote the benefits of downtown commerce.

As a law student at Campbell, I was involved in a group that often discussed commercial real estate development and the process that was involved in revitalizing small town districts. I learned from larger business owners and industry professionals about the incentives that businesses are looking for when deciding where to open its doors.

Lastly, I have a fondness for small towns in eastern North Carolina. Beginning with my time at Narron Wenzel in the summer of 2022, I immediately saw the great things happening in Smithfield. My wife and I enjoy the downtown area so much that we purchased a home less than two block off of Market Street. As a new resident, I believe I can provide a different perspective and fresh ideas on the growth of the area.

Committee (indicate which committee best suits your interests):

Promotions

Marketing Downtown Smithfield through events and advertising to attract customers, potential investors, new businesses, residents, and visitors.

Design & Physical Improvement

Enhancing Downtown Smithfield’s physical appearance through building rehabilitation, compatible new construction, public improvements, and design management systems.

χ Economic Development

Strengthening Downtown Smithfield’s economic base and creating new opportunities through careful analysis and appropriate mixed-use development.

List three results you would like to see the DSDC accomplish

1. I would like to see the incorporation of more events with the Neuse River Amphitheater. I believe there are a lot of great events held by the Town but would love to see some of the concerts and other events be held at the amphitheater.
2. I would like to see additional funds raised, through fundraisers and grants, to promote the beautification of the downtown area. The Downtown area currently has a lot of great restaurants and businesses that could benefit from the beautification of the downtown space.
3. I would like to see Downtown businesses promoted. The DSDC currently does a good job of promoting downtown businesses by hosting events downtown to bring people into the space. I would like to see a continued effort to promote and support those businesses, in the hopes of adding additional businesses.

Membership in other organizations

Organization	Dates	Activities/Leadership
North Carolina State Ducks Unlimited Chapter	August 2016 – May 2020	President, Vice President, Banquet Chairman
Agricultural Business Management Club	August 2016 – May 2020	President, Vice President
Campbell Law Review	May 2021 – May 2023	Associate Editor
Johnston County Bar Association	September 2023 -	Member

Please submit application to:

Downtown Smithfield Development Corporation
 200 S. Front Street
 Smithfield, NC 27577



**Downtown Smithfield Development Corporation
Board of Directors Candidate Application**

Name Bill Johnson
Business The Howell Theatres
Business Address 141 S. 3rd St
Email Bill@HowellTheatres.com Cell Phone 9198201142
Business Phone _____ Home Phone _____
Home Address _____

Brief Biography

Retired Corporate Tax auditor
Retired Certified Fraud Examiner
Campbell graduate BBA 1997
JCC 2003

(see linked in)

Specific Qualifications for DSDC Board of Directors

Finance, Budgeting, taxes, marketing

Committee (indicate which committee best suits your interests):

Promotions

Marketing Downtown Smithfield through events and advertising to attract customers, potential investors, new businesses, residents, and visitors.

Design & Physical Improvement

Enhancing Downtown Smithfield's physical appearance through building rehabilitation, compatible new construction, public improvements, and design management systems.

Economic Development

Strengthening Downtown Smithfield's economic base and creating new opportunities through careful analysis and appropriate mixed-use development.

List three results you would like to see the DSDC accomplish

1. *Reduce or eliminate the excessive tax burden on downtown businesses*
2. *Bring business to downtown*
3. *reduce wasteful spending by the DSDC*

Membership in other organizations

Organization	Dates	Activities/Leadership
<i>Central Carolina Chapter - Association of Broad Economies</i>	<i>2015-2017</i>	<i>Board of Directors</i>

Please submit application to:
Downtown Smithfield Development Corporation
200 S. Front Street
Smithfield, NC 27577



Staff Report

Consent New Hire /
 Agenda Vacancy
 Item: Report
 Date: 02/06/2024

Background

Per Policy, upon the hiring of a new or replacement employee, the Town Manager or Department Head shall report the new/replacement hire to the Council on the Consent Agenda at the next scheduled monthly Town Council meeting.

In addition, please find the following current vacancies:

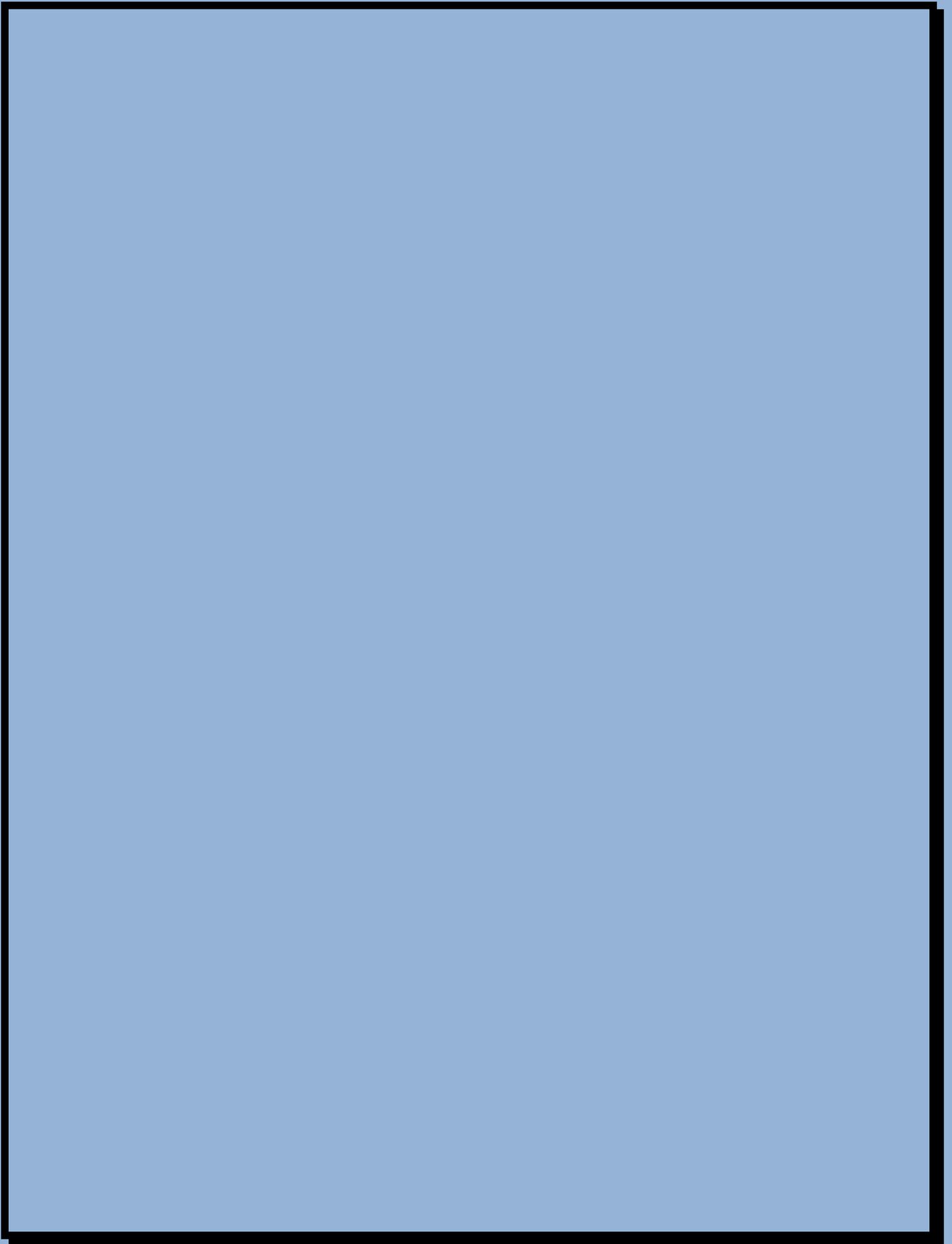
<u>Position</u>	<u>Department</u>	<u>Budget Line</u>
Aquatic Center Supervisor	P&R - Aquatics	10-60-6220-5100-0200
Equipment Operator	PW – Sanitation	10-40-5800-5100-0200
Firefighter	Fire	10-20-5300-5100-0200
Police Officer (5)	Police	10-20-5100-5100-0200

Action Requested

The Town Council is asked to acknowledge that the Town has successfully filled the following vacancies in accordance with the Adopted FY 2023-2024 Budget.

<u>Position</u>	<u>Department</u>	<u>Budget Line</u>	<u>Rate of Pay</u>
Assistant Fire Chief	Fire	10-20-5300-5100-0200	\$36.85/hr. (\$76,648.00/yr.)
Electric Line Technician	PU – Electric	31-72-7230-5100-0200	\$25.46/hr. (\$52,956.80/yr.)
Equipment Operator	PW – Sanitation	10-40-5800-5100-0200	\$17.21/hr. (\$35,796.80/yr.)
Firefighter I (4)	Fire	10-20-5300-5100-0200	\$19.19/hr. (\$41,910.96/yr.)
Firefighter II (3)	Fire	10-20-5300-5100-0200	\$20.15/hr. (\$44,007.60/yr.)
Firefighter (9 - Part-time)	Fire	10-20-5300-5100-0210	\$17.60/hr.
Part-Time Athletics Staff	P&R – Recreation	10-60-6200-5300-0210	\$10.00/hr.
Police Officer I (4)	Police	10-20-5100-5100-0200	\$22.26/hr. (\$49,773.36/yr.)
Police Officer II	Police	10-20-5100-5100-0200	\$23.36/hr. (\$52,232.96/yr.)
Worker/Laborer	PW – Sanitation	10-40-5800-5100-0200	\$15.79/hr. (\$32,843.20/yr.)

Business Items





Request for Town Council Action

Business
Agenda
Item
Date: 02/06/2024
Fire Engine
Purchase

Subject: Fire Engine Purchase
Department: Fire Department
Presented by: Fire Chief – Jeremey Daughtry
Presentation: Business Agenda Item

Issue Statement

The Smithfield Fire Department is requesting the purchase of a new Fire Engine to replace a 1992 model International commercial chassis that has reached its life expectancy. This aging apparatus has several issues which include a downgraded pump capacity.

Financial Impact

The new fire engine was approved in the 2023 - 2024 budget. The budgeted cost to replace this apparatus was \$900,000.00 by appropriating \$300,000.00 per year for 3 years which was the expected build time.

Action Needed

Approval of Bid supplied by Atlantic Coast Fire Trucks for \$889,778.00.

Recommendation

Staff respectfully requests the Town Council to approve the purchase of a new fire engine from Atlantic Coast Fire Trucks at the specified price of \$889,788.00.

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Bids from Atlantic Coast Fire Trucks, Fire Connections, and First Choice Fire & Safety



Staff Report

Business
Agenda
Item

Fire
Engine
Purchase

The Smithfield Fire Department has budgeted for a new fire engine to replace the current thirty-two-year-old, 1992 International fire engine.

A fire engine committee was formed consisting of members of the Smithfield Fire Department, these members obtained bids for the specifications provided and that best serve the Smithfield Fire Department and the Town of Smithfield. Currently only 2 manufacturers have met the specifications (Fire Connections & Atlantic Coast Fire Trucks). The 3rd bid was requested from First Choice Fire & Safety. This manufacturer was not able to provide a bid for the fire engine.

Currently, the Town of Smithfield owns four fire engines: 1992 International, 1997 Freightliner, 2017 Smeal/Spartan, and 2021 Smeal/Spartan.

The following are the proposals for each company:

- Atlantic Coast \$889,788.00
- Fire Connections \$883,951.00
- First Choice Fire & Safety No Bid

The committee recommends the Atlantic Coast bid for the following reasons:

The committee's focus on personnel safety is evident in the truck specification. The specification requests from the committee include low hose beds, rear discharges, lower compartments for hose packages, and hard hose bed covers with integrated traffic advisors.

The low hose bed will allow firefighters the ability to deploy handlines from the ground and without having to ascend the rear of the apparatus. Rear discharges will provide for more effective reach during fire suppression operations.

The specification also requested compartments under the ground ladder storage for lower hose packages to be deployed from a standing position on the ground. These compartments will be organized in a way which will reduce firefighter injuries and fatigue from heavy, cumbersome hose and appliance packages.

The hard hose bed covers will provide a solid platform which is designed to support the weight of fire personnel conducting fire suppression activities utilizing the master stream device. Integrated into the hard hose bed covers shall be a traffic advisor. Our fire engines respond to incidents on the roadway where the use of traffic advisors assist with the flow of traffic while maintaining a safe working space for personnel. The integration of the traffic advisor into the hose bed cover positions the traffic advisor at a higher elevation which can be seen by oncoming traffic and reduces confusion.

The estimated build time for Atlantic Coast Fire Trucks is no more than 622 calendar days whereas the delivery date from Fire Connections will be approximately 850-875 calendar days from the execution of the contract and any prebuild changes are approved.

Atlantic Coast Fire Trucks has submitted a bid which meets all the above-mentioned specifications. The bid also includes an L9 Cummins engine with an Allison EVS 3000 transmission. Fire Connections would not quote the L9 Cummins engine due to the estimated build time. Fire Connections quoted the X12 Cummins engine with an Allison EVS 4000 transmission.

A disclaimer is made in the Atlantic Coast Fire Trucks specification that states if an L9 engine is NOT available or cannot be provided for that specific quote or build slot at time of production, you will automatically be upgraded and charged for an X12 (or the X10 engine) with all costs associated with the upgrade being passed on to the end user. No exceptions.

After extensive conversations with the dealer and manufacturer, they both are confident that any contracts executed before April 1, 2024 should have no problems receiving the quoted L9 Cummins engine. If there were to be an issue receiving the L9 Cummins engine, the upgraded X12 Cummins engine coupled with an Allison EVS 4000 transmission could be up to an additional \$60,000.00 (presently the additional costs associated with the upgrade is \$45,000.00).



37 Stonington Drive, Murrells Inlet, SC 29576

January 3, 2024

Town of Smithfield, North Carolina
Attn: Fire Chief Jeremy Daughtry
111 South Fourth Street
Smithfield, North Carolina 27577

Dear Fire Chief Jeremy Daughtry,

Thank you for considering Atlantic Coast Fire Trucks for your emergency vehicle needs. We are pleased to offer the attached proposal packages.

The total price of your **Spartan Custom Star Pumper** as specified is **\$889,778.00**.

This Proposal is offered through Sourcewell Cooperative Purchasing. The guaranteed pricing in this offer will expire in 30 days. The completed units will be delivered in no more than 622 days from signing and acceptance of the purchase contract.

Atlantic Coast Fire Trucks is the authorized dealer for the following brands of emergency vehicles in North Carolina and Tennessee: Spartan Emergency Response, Smeal Fire Apparatus, Ladder Tower, and SVI Trucks.

Atlantic Coast Fire Trucks is an independent full-service dealer offering sales, service, repair, and parts for emergency vehicles including pumpers, aerials, tankers/tenders, rescue units, and other specialized vehicles. We operate mobile service units based out of our facilities in Denver, NC.

Thank you for your current business and we look forward to continuing our long-term relationship in the future. Please call me at 252-883-1197 or email me at fireswatter.jones@gmail.com if I can be of assistance.

Sincerely,

Walter E. Jones

Walter Jones
Account Representative
Atlantic Coast Fire Trucks



37 Stonington Drive, Murrells Inlet, SC 29576

January 11, 2024

Town of Smithfield, North Carolina
Attn: Fire Chief Jeremy Daughtry
111 South Fourth Street
Smithfield, North Carolina 27577

ie: Cummins Engine Upgrade

Dear Fire Chief Jeremy Daughtry,

Our present proposal for your Spartan Custom Pumper provides a Spartan MetroStar Chassis equipped with a Cummins L9 450 HP Engine with 3000 EVS series Allison Transmission. This is the same engine / transmission setup that has been provided for the previous two Spartan Pumpers that the Town of Smithfield purchased.

In December, 2022, the United States Environmental Protection Agency issued its final ruling, "Control of Air Pollution from New Motor Vehicles: Heavy-Duty Engine and Vehicle Standards". This sets stronger emission standards for heavy-duty vehicles and engines starting in model year 2027. This US EPA ruling will mandate a change in the current heavy duty diesel engine design and emissions output.

Presently, our diesel engine provider Cummins is working to develop a next-generation diesel engine to meet this new Federal mandate. This new engine will be a 10-liter engine and is planned to replace present Cummins' 9-liter and 12-liter engines. At this time, the exact timeline for the completed development and manufacturing of the new Cummins X10 engine has not been published and no cost for this new engine has been communicated to date.

Spartan Emergency Apparatus is working closely with Cummins Diesel Engines to ensure that diesel engines are available for Spartan Emergency Vehicle products without pause during this transition period.

The following is stated in the Spartan Custom Pumper Proposal that we submitted:

If an L9 engine is NOT available or cannot be provided for that specific quote or build slot at time of production, you will automatically be upgraded and charged for an X12 (or the X10 engine) with all costs associated with the upgrade being passed on to the end user. No exceptions.

If a pre-2027 emission engine is NOT available at the time of build (starting production on January 1, 2026) your order will automatically be upgraded and charged for either the 2027 engine compliant Cummins X-10 or X-15, with all associated costs being passed on to the end user. No exceptions.



37 Stonington Drive, Murrells Inlet, SC 29576

If for the any reason during this Federally Mandated engine design transition there are product supply interruptions, it may be necessary to change your present specified Cummins L9 450 HP Engine to either the Cummins X12 500 HP or Cummins X10. The upgrade cost for the Cummins X12 500 HP Engine configuration is presently estimated to be \$60,000.00. As stated, we do not have any upgrade costs for the newly designed Cummins X10 engine at this time.

I hope this information helps to explain the present status of the future transition to the new Federally mandated engines.

Thank you for your current business and we look forward to continuing our long-term relationship in the future. Please call me at 252-883-1197 or email me at fireswatter.jones@gmail.com if I can be of assistance.

Regards,

Walter E. Jones

Walter E. Jones
Account Representative
Atlantic Coast Fire Trucks

Fwd: Engine Spec.

2 messages

Anthony Piper <apiper@smithfield-fire.com>
To: Jeremy Daughtry <jdaughtry@smithfield-fire.com>

Tue, Aug 29, 2023 at 9:05 AM

See attached...

Sent from my iPhone

Begin forwarded message:

From: Mike Bordeaux <Mike@newtonsfire.com>
Date: August 29, 2023 at 09:00:23 EDT
To: Anthony Piper <APiper@smithfield-fire.com>
Subject: RE: Engine Spec.

Anthony-

After speaking with our plant, we will not be able to meet your time frame on your pumper project due to the number on units that we have currently in the system for drawings and spec approvals. We are very sorry that we will not be able to participate in your pumper s project.

Best Regards-

Mike



Request for Town Council Action

Business Agenda Item	Breathing Air Compressor Purchase
Date:	02/06/2024

Subject: Breathing Air Compressor Purchase
 Department: Fire Department
 Presented by: Fire Chief – Jeremy Daughtry
 Presentation: Business Agenda Item

Issue Statement

The Smithfield Fire Department is requesting the purchase of a new Breathing Air Compressor to replace the current Mako compressor, which is failing.

Financial Impact

The replacement of the containment unit was budgeted in the 2023-2024 budget in the amount of \$20,000.00 in the Capital Outlay. This purchase would be unnecessary as the new compressor is a full single unit to include SCBA containment. The \$20,000.00 allotted for the containment unit would be reallocated to this purchase resulting in a cost deficit of \$33,333.00. The deficit could be fulfilled by using Fire Supplement funds already received by the Town of Smithfield from Johnston County.

Action Needed

Approval to purchase a new breathing air compressor/containment unit combination.

Recommendation

Staff respectfully requests the Town Council to approve the purchase of a new breathing air compressor from AEST Fire & Safety in the amount of \$53,333.00.

Approved: Town Manager Town Attorney

Attachments:

1. Staff Report
2. Price quotes from AEST Fire & Safety, Rhinehart Fire Services, & Safe Air Systems



Staff Report

Business
Agenda
Item

Breathing
Air
Compressor
Purchase

The Town Council approved in the 2023-2024 budget to replace the SCBA containment unit housed at Smithfield Station 1. Since that time, there have been several issues with the actual compressor, taking it out of service for extended periods of time. Staff investigated the costs associated with the replacement of the compressor as a single unit which would make the purchase of a new containment unit unnecessary.

Staff recommends the approval of the quote provided by AEST Fire & Safety to replace the compressor and containment unit with an Arctic Compressor 1500 at the quoted price of \$53,333.00. This quote includes freight **and installation as well as a 5 year “bumper to bumper” warranty.**

Reallocating the funds allotted for the containment unit to the replacement of the total system will still show a deficit of \$33,333.00 in the budget. Staff recommends utilizing unbudgeted funds already received from the Fire Supplement provided by Johnston County to fulfill this request. Based on the hiring of the three additional fire fighters for six months of the fiscal year, an anticipated surplus of \$104,866 remains from this revenue source. After this expense, \$71,533 of this revenue source remains unallocated for FY 2024.

The following are the proposals for each company:

- AEST Fire & Safety \$53,333.00
- Rhinehart Fire Services \$61,000.00
- Safe Air Systems \$66,620.93

AEST Fire & Safety
 304 N Wilkinson Dr
 Laurinburg, NC 28352
 910-506-4060
 Sales@aestsafety.net
 www.AESTSafety.com



Estimate

ADDRESS

Blake Evans
 Smithfield Fire Dept.
 350 East Market Street
 Smithfield, NC 27577

SHIP TO

Blake Evans
 Smithfield Fire Dept.
 111 South 4th Street
 Smithfield, NC 27577

ESTIMATE # 24-0077

DATE 01/11/2024

EXPIRATION DATE 02/11/2024

ACTIVITY	DESCRIPTION	SKU	QTY	RATE	AMOUNT
Arctic Compressor 1500	E4-10A6E3 WITH CO MONITOR, 4 STAGE, 6000 PS, 10 HP,14 CFM , 3 PHASE ELECTRIC MOTOR, SOUND SUPPRESSING CABINET. INCLUDES FILTER SYSTEM TO PROCESS 24,000 CU FT., MAGNETIC STARTER, AUTO DRAIN SYSTEM, GAUGE PANEL, HIGH PRESSURE SWITCH AND ELECTRONIC CO MONITOR	C-E4-10-A6-E3C	1	35,651.00	35,651.00T
DBL FILL W/CONTROLS 5500 PSI	DBL FILL W/CONTROLS 5500 PSI	C-FS2C55	1	11,752.00	11,752.00T
6000 PSI UN Storage Cylinder	6000 PSI UN Storage Cylinder	C-6000-UN	2	1,871.00	3,742.00T
Unistrut & Clamps 1/per 4 Cyl	Unistrut & Clamps 1/per 4	C-CLAMPS1-	1	228.00	228.00T

ACTIVITY	DESCRIPTION	SKU	QTY	RATE	AMOUNT
	Cyl		4		
CGA-702 N&N W/JIC Elbow	CGA-702 N&N W/JIC Elbow	A-I1350	2	64.00	128.00T
Hose 120"(10ft)7000 PSI w/ends	Hose 120"(10ft)7000 PSI w/ends	A-H1000-0120	1	120.00	120.00T
HOSE 48" 7000 PSI W/ENDS	HOSE 48" 7000 PSI W/ENDS	A-H1000-0048	1	62.00	62.00T
Shipping Services	Freight Charges		1	1,650.00	1,650.00T
	Install of Unit w/air test		1	0.00	0.00
ACE Gold Extended Warranty	5 YEARS OR 1000 HOURS *FOR BREATHING-AIR APPLICATIONS**	EXD-ACE-GOLD	1	0.00	0.00T

"We do not control the unexpected price increases from our vendors, therefore our prices are subject to change without notice"
 ****SHIPPING IS NOT INCLUDED IN QUOTE****

SUBTOTAL	53,333.00
TAX	3,599.98
TOTAL	\$56,932.98

Accepted By

Accepted Date

QUOTE

RHINEHART FIRE SERVICES

22 Piney Park Rd., Asheville NC 28806
 Office 828-273-1789
 bob@rhinehartfire.com

DATE 1/12/2024

EXPIRATION DATE 7/31/2023

TO Smithfield Fire Dept
 Blake Evans
 919-669-2564
 Dbfireman85@yahoo.com

SALESPERSON	JOB	PAYMENT TERMS	DUE DATE
		NET 10	

QTY	DESCRIPTION	UNIT PRICE EACH	LINE TOTAL
1	CENTAUR 2 Design - 10 HP 220/1/60 VAC- 13 CFM - 6000 psi -4 Stage 4 Cylinder - Pressure Lubricated with all Standard Features. STATIONARY TWO POSTION CONTAINMENT FILL STATION, ACCEPTS SCBA AND SCUBA CYLINDERS 80 CU FT COMPLETE WITH REGULATOR, SHUT OFF VALVE AND SCBA GAUGE. INDIVIDUAL SHUTOFF VALVE FOR EACH POINT OF FILL. OPTIONAL BANK FEATURES AVAILABLE. (Storage Capacity is 4 Cylinders, INTERGRATED CARBON MONOXIDE MONITOR CEN-4BK AIR CONTROL PANEL, FOUR BANK CASCADE CONTROL, 4 BOTTLE ISO CASCADE STORAGE Price Includes, delivery and installation. Does not include any permits or electrical work if required	\$61,000.00	\$61,000.00
	Free SHIPPING		

UNLESS NOTED ABOVE, PRICES DO NOT INCLUDE ANY APPLICABLE TAX

OR SHIPPING CHARGES. Don't forget spare batteries for Scott SCBA, SIGHT, Voice Amps

SUBTOTAL	\$61,000.00
SALES TAX	
TOTAL	

Quotation prepared by: FRANK SCHNEIDER, REGIONAL SALE PERSON RHINEHART FIRE SERVICES, INC.

This is a quotation on the goods named, subject to the conditions noted below: (Describe any conditions pertaining to these prices and any additional terms of the agreement. You may want to include contingencies that will affect the quotation.)

To accept this quotation, sign here and return: _____



SALES & SERVICE CENTERS
 SALES@SAFEAIRSYSTEMS.COM | SERVICE@SAFEAIRSYSTEMS.COM



210 LABRADOR DR.
 RANDELMAN, NC 27317

INDIANA/KENTUCKY
 614.986.1025

NORTH CAROLINA
 336.674.0749

PENNSYLVANIA
 412.564.5756

FLORIDA
 352.629.7712

MICHIGAN
 517.786.4060

TENNESSEE
 423.634.3184

ILLINOIS
 217.768.4408

8855 E BROAD ST
 REYNOLDSBURG, OH 43068

WWW.BREATHINGAIR.COM | WWW.SAFEAIRSYSTEMS.COM

THE NATION'S LARGEST DISTRIBUTOR OF



QUOTE

Safe Air Systems
 210 Labrador Drive
 Randleman, NC 27317

Requested By: BLAKE EVANS
Title:
Email:
DBEFIREMAN85@YAHOO.COM
Phone: (919) 934-2468

Quote Date: 01/12/2024
Quote #: QUO-NC4213
Customer ID: 614479

Bill To
 SMITHFIELD FIRE DEPT
 111 S 4TH ST
 SMITHFIELD NC 27577
 United States

Service Location
 SMITHFIELD FIRE DEPT
 111 S 4TH ST
 SMITHFIELD NC 27577
 United States

Expires	03/12/2024
Terms	Net 30
Shipping Method	LTL Motor Freight
FOB	WebStore
Est Delivery Time	
Quote Total	\$66,620.93

Sales Rep Name
 Edward Holland

Sales Rep Email
eholland@safeairsystems.com

Sales Rep Phone
 (336) 674-4676

NOTE: Unless otherwise stated below, our quotes do not include the offloading, uncrating, or placement of compressors or fill stations. Customers are responsible for the wiring to or into an electrical compressor and to the electrical supply. Warranty is as proposed.

ITEMS QUOTED MAY BE ON NEXT PAGE:

Item	Quantity	Description
VAC13H-E3	1	Bauer Compressor - 6000 psi. - 13 cfm. Bauer Verticus fully Enclosed Air System 6000 psi. 13.0 cfm. charging rate with pressure switch for automatic start & stop control. Locally mounted interstage pressure gauges. P2S 67,000 cu ft purification system with SECURUS electronic cartridge monitor. Pressure lubricated with low oil protection. Automatic condensate drain system and PLC controller with smart pad operator interface console and E-Stop Button. Entire electrical assembly is UL LISTED. All in an attractive sound attenuating enclosure. 10 HP Motor Three phase electric.
GT/CO/III	1	Electric CO Monitor Complete With Calibration Kit Wired For Alarm And Shutdown. (Calibration Gas Included)

**BREATHING AIR COMPRESSORS | FILL STATIONS | CASCADES | MOBILE AIR TRAILERS
 FULL SERVICE | PARTS | AIR ANALYSIS PROGRAM | PREVENTIVE MAINTENANCE PROGRAMS**

Item	Quantity		Description
OUTV-KIT/VERT	1		Comp Outlet Valve Kit
CFS5.5-2M	1		Two position CFS designed to be used in conjunction with a BAUER or Breathing Air Systems fill control panel supplied separately, as no fill controls are provided
ACP-4BNK-2P-SS	1		4 BANK ACP WITH REGULATOR, GAUGES AND LINE VALVES, 2 POS
BAS-099	1		2 Position Fill Station Base for CFSII/5.5-2
CS6K-4-SAS	1		Cascade System, 6000 psi, 4 Cylinders with interconnecting plumbing with Fill Hose
Subtotal			
Discount 10%			
AIRTEST-SINGLE-NC	1		AIRTEST SINGLE
Labor	10		Service Labor- per hour
Fuel Surcharge	1		Fuel Surcharge

Item	Quantity			Description
NARRATIVE VERTECON				<p>THIS QUOTE IS FOR A BAUER VERTECON 13 COMPRESSOR, 13 CFM, 6000 PSI, 10 HP SINGLE OR THREE PHASE MOTOR, INTERSTAGE GAUGES, AUTO CONDENSATE DRAIN, ELECTRIC MOISTURE MONITOR AND CO MONITOR. BAUER CFS5.5-2 TWO POSITION CONTAINMENT FILL STATION WITH 4 BANK AIR CONTROL PANEL. INCLUDES BANK GAUGES AND LINE VALVES, SUPPLY GAUGE, 0-6000 PSI ADJUSTABLE REGULATOR, REGULATED PRESSURE GAUGE, (2) FILL VALVES AND (2) FILL PRESSURE GAUGES. FILL STATION IS NFPA 1901 COMPLIANT. (4) 6000 PSI UN STORAGE CYLINDERS, 509 CU FT PER CYLINDER, WITH CGA FITTINGS AND HOSE'S TO CONNECT TO AIR CONTROL PANEL. INCLUDES UNI-STRUT & CLAMPS TO SECURE CYLINDERS TO THE WALL. UN CYLINDERS HAVE TO BE RECERTIFIED EVERY 10 YEARS. PRICE INCLUDES DELIVERY & INSTALLATION OF THE EQUIPMENT ON THIS QUOTE. WE WILL PULL A ONE TIME AIR TEST AT TIME OF START-UP AND GIVE USER TRAINING AT THAT TIME.</p> <p>*** CUSTOMER TO PROVIDE SUITABLE ELECTRICAL SUPPLY FOR THE UNIT TO INCLUDE WALL MOUNT DISCONNECT & PIGTAIL. (PIGTAIL CONSIST OF 10 FT OF FLEX CONDUIT & 18 FT OF WIRE) SAFE AIR WILL MAKE FINAL CONNECTION TO THE UNIT.</p> <p>*** SINGLE PHASE 230 VOLT MOTOR INFORMATION: 50 FULL LOAD AMPS 60 AMP BREAKER 6 AWG MINIMUM WIRE SIZE</p> <p>*** THREE PHASE 230 VOLT MOTOR INFORMATION: 28 FULL LOAD AMPS 50 AMP BREAKER 8 AWG MINIMUM WIRE SIZE</p> <p>Comment CUSTOMER TO HAVE ROOM CLEAR FOR INSTALL ANY EXTRA PARTS/ LABOR WILL BE BILLED</p>

	Subtotal	\$61,808.37
Shipping Cost (LTL Motor Freight)		\$600.00
	Tax (%)	\$4,212.56
	Total	\$66,620.93

PAYMENT TERMS: INVOICES ARE SUBJECT TO LATE CHARGES AT THE RATE OF 1.5% PER MONTH (ANNUAL 18%).

ALL PART RETURNS OR EXCHANGES MUST BE COMPLETED WITHIN 45 DAYS FROM INVOICE DATE. ALL RETURNS REQUIRE A RETURN MERCHANDISE AUTHORIZATION. ALL RETURNS ARE SUBJECT TO A 15% RESTOCKING FEE. SHIPPING CHARGES WILL BE ADDED WHEN ORDERS ARE FULFILLED.

NOTE: PAYMENTS BY CREDIT CARD WILL INCUR A CONVENIENCE FEE TOTALING 3.0% OF THE INVOICE TOTAL ON ALL TRANSACTIONS EXCEEDING \$1,200.00. A WIRE FEE OF \$45.00 WILL BE ADDED TO ALL ORDERS PAID BY WIRE.

Quote Approved By: _____ (Print Name)

Approved By Signature: _____

Title: _____

Approved Date: _____

CUSTOMER REQUIREMENTS

Important Information

I agree to the following requirements to ensure a trouble-free delivery and installation of my new system:

OFF LOADING

In most situations Safe Air Systems will deliver your system and place it with a pallet jack. In order to do this you must provide a level off loading area as well as a level surface from the unloading area to the final system location. Please notify Safe Air Systems if your location is not conducive to unload and place your new system via pallet jack. The cost of a fork lift, if required, will be the responsibility of the customer and therefore must be provided by the customer. Delays in unloading equipment due to unloading issues may result in additional charges.

RECOMMENDED ELECTRICAL WIRING AND BREAKER FOR EQUIPMENT ON QUOTE NUMBER:

QUO-NC4213

Service Disconnect with Time Delay Fuse	Wire Size/Gauge	Phase/Power	Volts
---	-----------------	-------------	-------

CUSTOMER ELECTRICAL WIRING FOR MOTOR-DRIVEN SYSTEMS

- If your system is stationery, confirm that your available building power matches or will match the recommended electrical wiring and breaker for your new equipment.
- If your system is mobile, confirm that the generator/power supply on the truck matches the voltage and phase that you have ordered for your new system and that the generator is of sufficient rating to start electric motor
- Consult a qualified electrician to confirm your power for either a stationary or mobile system
- Complete the section below to confirm your building power or generator/power supply on your truck, including service disconnect with Time Delay Fuse, Wire Size/Gauge, Phase/Power and Voltage where system is to be installed. Equipment is ordered to match your entries below and any changes will result in addition charges once the equipment has been ordered.

Service Disconnect with Time Delay Fuse	Wire Size/Gauge	Phase/Power	Volts

- For most applications, you will need to install a suitable electrical breaker, service disconnect switch with flexible conduit and wiring to connect to the new system. All electrical service components must be rated for their intended duty, motor horsepower, voltage, phase and corresponding amperage for your system application. Therefore, allow your licensed electrician to properly size your electrical hookup per NEC and/or other prevailing electrical code requirements. Customers are also responsible for all electrical connections.
- Be sure to provide a generous length of flexible conduit and wiring to comfortably reach the system's electrical box, including extra wiring to connect to the starter and ground terminals inside the system's electrical box. Include the conduit fitting(s) to permanently connect the conduit to the box.
- Safe Air Systems will make the final connections to the compressor electrical box at the time of the installation. Therefore it is imperative that the above electrical wirint, etc. be properly installed prior to Safe Air's scheduled installation visit so as not to delay the final installation of your new sytem. If installation is delayed due to incomplete or improper wring, it will not delay the billing cycle for the system. Additional charges may apply to the customer if Safe Air has to provide additional labor or travel related to incomplete or improper wiring.
- Your cooperation in following these steps will play an important part in the satisfactory installation and reliable performance of your new system. So, if you have any questions, please feel free to contact Safe Air Systems for technical help. Thank you!
- I have read and understand the Customer Requirements document:

Accepted By Signature: _____ Date: _____

Printed Name: _____ Title: _____

Contact Name: _____ Phone: _____

Pressure of SCBAs to be filled: _____

**BREATHING AIR COMPRESSORS | FILL STATIONS | CASCADES | MOBILE AIR TRAILERS
FULL SERVICE | PARTS | AIR ANALYSIS PROGRAM | PREVENTIVE MAINTENANCE PROGRAMS**

SUPPLEMENTAL BAUER WARRANTY FOR MUNICIPAL CUSTOMERS OF BREATHING AIR SYSTEMS OR SAFE AIR SYSTEMS, WITH MAINTENANCE AGREEMENT

For municipal purchasers of BAUER's Reciprocating Compressor Products from Breathing Air Systems or Safe Air Systems, BAUER's Limited Warranty on Reciprocating Compressor Products for municipal breathing air systems, on the BAUER compressor system, fill station and other BAUER manufactured components, will be extended to five (5) years, commencing from the earlier of: (1) the date of commissioning (system start-up) or (2) six (6) months from the date of shipment from BAUER, provided the municipal purchaser maintains a maintenance agreement with Breathing Air Systems or Safe Air Systems, for such five (5) year period, to provide service in accordance with BAUER's published factory recommendations. **This five (5)-year extended warranty does not apply to wear and tear parts such as lubricants, purification filter elements, oil filters, O-rings, serviceable valve parts, and piston rings, which are subject to regular maintenance in accordance with BAUER's published factory recommendations.** A copy of this Supplemental Bauer Warranty signed by both the municipal customer and Breathing Air Systems or Safe Air Systems, must be provided to BAUER, at time of purchase, for the municipal customer to receive the extended five (5)-year warranty.

If at any time during the five (5) year service period the customer fails to complete the maintenance required by BAUER's published factory recommendations (at least annually, but could be more often based on hours of usage under BAUER's published factory recommendations) with Breathing Air Systems or Safe Air Systems, this extended five (5)- year warranty will be void and any warranty claims beyond two (2) years will be denied. The extended five (5)-year warranty will also only apply if BAUER parts (including lubricants and filters) are used for all system maintenance. The Bauer Warranty Registration Form must be on file with BAUER and proof of completed annual maintenance must be provided by your Authorized BAUER Service Center for all warranty claims.

MAINTENANCE AGREEMENT

Unless otherwise agreed in an additional written maintenance contract, the municipal purchaser by signing below agrees to obtain maintenance service on the equipment referenced in the below purchase order from Breathing Air Systems/Safe Air Systems. All maintenance and related maintenance parts will be billed at time of service and are not included with your equipment purchase unless prepaid with your equipment purchase. The month of service will be determined by Breathing Air Systems/Safe Air Systems. Your maintenance program will renew annually until cancelled in writing.

ORIGINAL PURCHASE ORDER: _____

CUSTOMER NAME: _____

CUSTOMER REPRESENTATIVE: _____

CUSTOMER SIGNATURE: _____

DATE: _____

BREATHING AIR SYSTEMS / SAFE AIR SYSTEMS

SALES OR SERVICE REP: _____

SIGNATURE: _____ DATE: _____

Subject to all other terms of Bauer's Limited Warranty on Reciprocating Compressor Products for municipal breathing air systems (which is incorporated in full by this reference), and to the referenced equipment being maintained as provided herein, Bauer Compressors, Inc. agrees to honor an extended five (5)-year warranty on certain products purchased by the municipal customer, on the terms set forth in the first two paragraphs above..

BAUER COMPRESSORS, INC.

BY: _____

SIGNATURE: _____ DATE: _____

BAUER COMPRESSORS, INC. - 1328 Azalea Garden Road, Norfolk Virginia 23502 - Phone: (757) 855-6006 Telefax (757)855-8654

BREATHING AIR COMPRESSORS | FILL STATIONS | CASCADES | MOBILE AIR TRAILERS
FULL SERVICE | PARTS | AIR ANALYSIS PROGRAM | PREVENTIVE MAINTENANCE PROGRAMS



210 LABRADOR DR.
RANDELMAN, NC 27317

SALES & SERVICE CENTERS
SALES@SAFEAIRSYSTEMS.COM | SERVICE@SAFEAIRSYSTEMS.COM

OHIO - CORP HQ 614.864.1235	NORTH CAROLINA 336.674.0749	FLORIDA 352.629.7712	TENNESSEE 423.634.3184
INDIANA/KENTUCKY 614.986.1025	PENNSYLVANIA 412.564.5756	MICHIGAN 517.786.4060	ILLINOIS 217.768.4408



8855 E BROAD ST
REYNOLDSBURG, OH 43068

WWW.BREATHINGAIR.COM | WWW.SAFEAIRSYSTEMS.COM

THE NATION'S LARGEST DISTRIBUTOR OF



CONTACT INFO SHEET

To ensure our records are up to date

Please fill out and return

Lisa@breathingair.com or Fax: 614-986-1013

Mail to: Breathing Air Systems, Attn: Lisa Diehl, 8855 East Broad Street, Reynoldsburg, OH 43068

Business Name: _____

MAIN Office/Department phone: _____

SYSTEM LOCATION:

Street Address: _____

Primary Onsite Contact Name: _____

Primary Contact phone: _____

Email: **(for Service Reports & Air test results)** _____

Secondary Contact Name: _____

Secondary Contact Phone: _____

ACCOUNTS PAYABLE CONTACT:

Preferred method of billing/sending invoices: ELECTRONIC VIA EMAIL REG US MAIL

Person to contact: _____

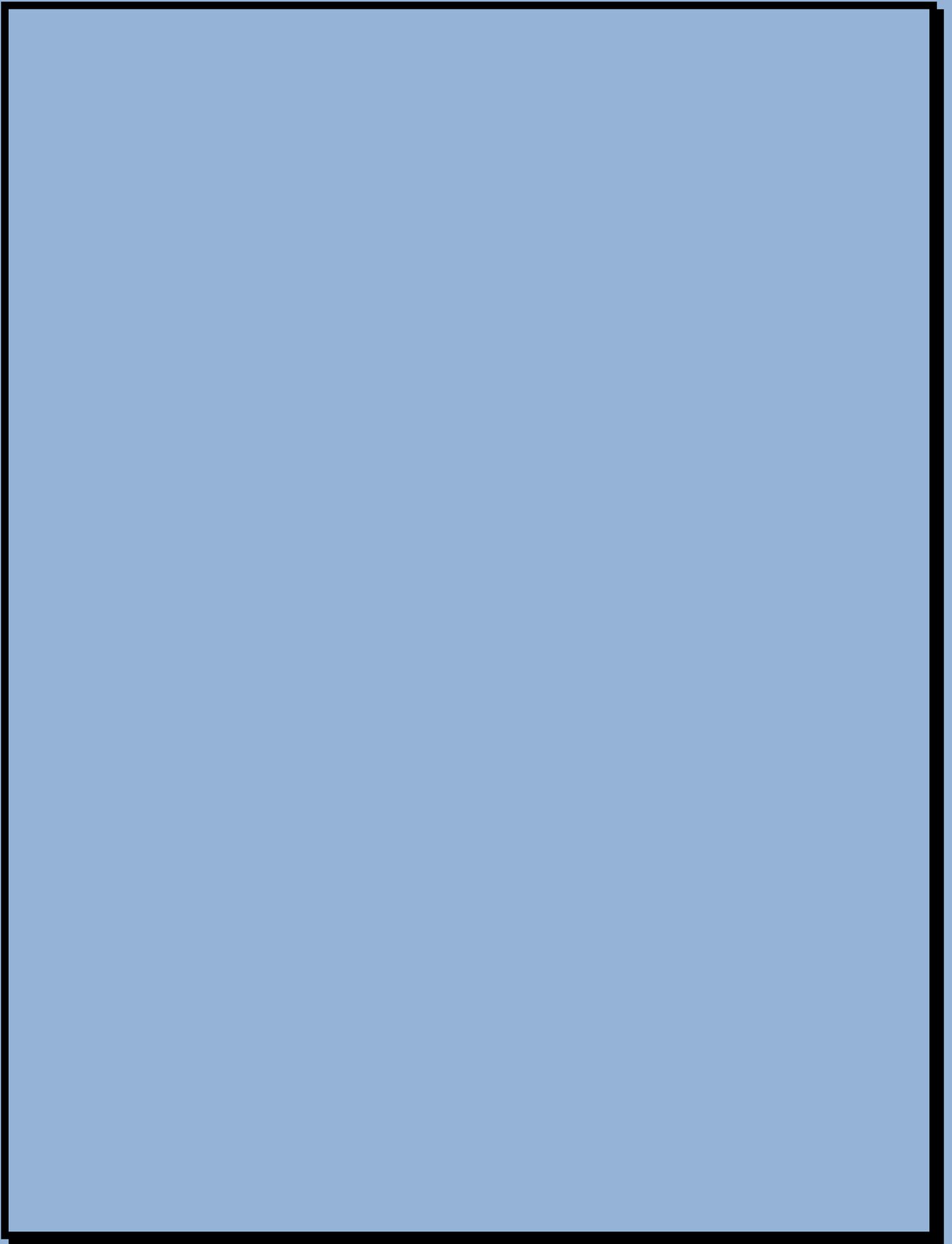
Email: _____

Phone: _____

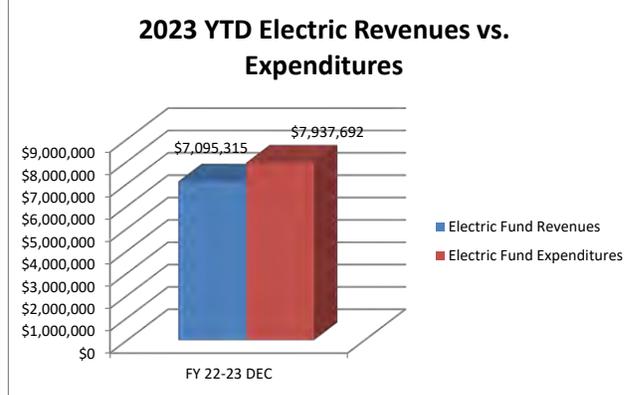
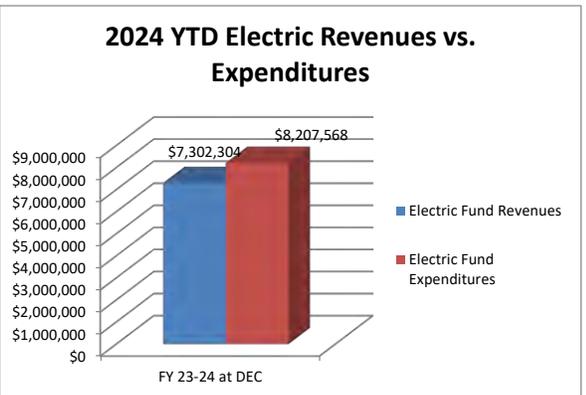
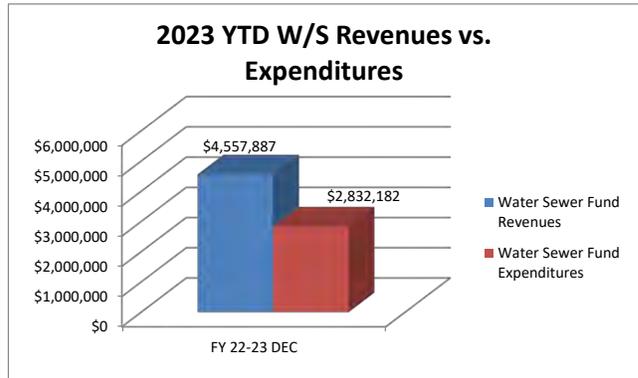
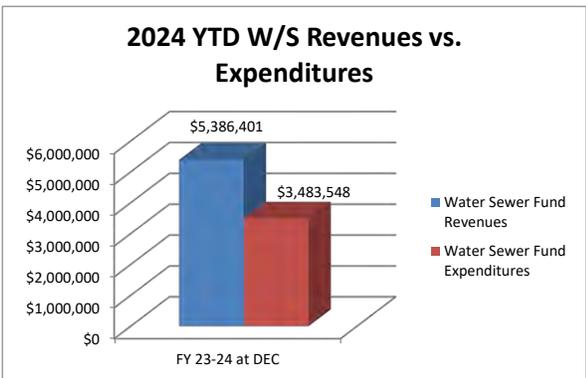
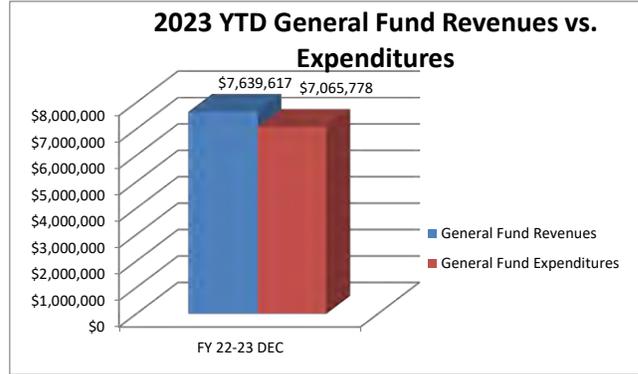
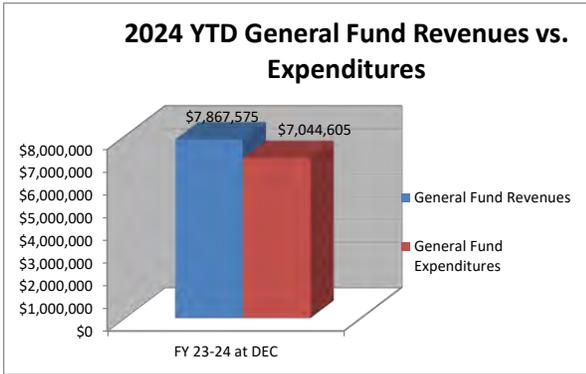
Mailing Address: _____

BREATHING AIR COMPRESSORS | FILL STATIONS | CASCADES | MOBILE AIR TRAILERS
FULL SERVICE | PARTS | AIR ANALYSIS PROGRAM | PREVENTIVE MAINTENANCE PROGRAMS

Financial Report



Town of Smithfield Revenues vs. Expenditures



TOWN OF SMITHFIELD
MAJOR FUNDS FINANCIAL SUMMARY REPORT
December 31, 2023
Gauge: 6/12 or 50 Percent

50.00%

		GENERAL FUND				
Revenues	Frequency	Actual to Date		Budget	Actual to Date	YTD %
		FY '22-23	FY '23-24	FY '23-24	FY '23-24	Collected
Current & Prior Year Property Taxes	Monthly	\$ 3,161,247	\$ 7,436,900	\$ 3,912,394		52.61%
Motor Vehicle Taxes	Monthly	423,554	775,000	479,835		61.91%
Utility Franchise Taxes	Quarterly	227,683	965,000	-		0.00%
Local Option Sales Taxes	Monthly	1,287,296	3,100,000	935,273		30.17%
Aquatic and Other Recreation	Monthly	474,886	714,500	412,460		57.73%
Sanitation (Includes Penalties)	Monthly	670,071	1,519,310	686,101		45.16%
Grants		62,284	21,630	15,585		72.05%
All Other Revenues		1,332,596	1,784,484	1,425,927		79.91%
Transfers (Electric and Fire Dist.)		-	334,150	-		0.00%
Fund Balance Appropriated		-	1,146,657	-		0.00%
Total		\$ 7,639,617	\$ 17,797,631	\$ 7,867,575		44.21%

Expenditures	Actual to Date		Budget	Actual to Date	YTD %
	FY '22-23	FY '23-24	FY '23-24	FY '23-24	Spent
General Gov.-Governing Body	\$ 225,155	\$ 488,076	\$ 235,342		48.22%
Non Departmental	467,200	1,240,026	515,821		41.60%
Debt Service	338,969	438,296	356,744		81.39%
Finance	70,146	162,590	70,143		43.14%
IT	48,156	303,162	135,920		44.83%
Planning	208,832	408,658	168,110		41.14%
Police	1,872,028	4,636,274	1,833,179		39.54%
Fire	1,177,077	3,042,526	1,220,019		40.10%
General Services/Public Works	302,849	706,233	340,767		48.25%
Streets	223,295	746,065	320,353		42.94%
Motor Pool/Garage	44,289	198,685	81,322		40.93%
Powell Bill	351,507	475,548	40,326		8.48%
Sanitation	697,210	1,936,360	692,265		35.75%
Stormwater	18,807	216,225	12,715		5.88%
Parks and Rec	456,750	1,223,107	497,716		40.69%
SRAC	527,500	1,275,305	500,354		39.23%
Sarah Yard Center	36,008	58,696	23,509		40.05%
Contingency	-	241,799	-		0.00%
Total	\$ 7,065,778	\$ 17,797,631	\$ 7,044,605		39.58%

YTD Fund Balance Increase (Decrease) 573,839 (0) 822,970

TOWN OF SMITHFIELD
MAJOR FUNDS FINANCIAL SUMMARY REPORT
December 31, 2023
Gauge: 6/12 or 50 Percent

50.00%

WATER AND SEWER FUND

Revenues	Actual to Date	Budget	Actual to Date	YTD %
	FY '22-23	FY '23-24	FY '23-24	Collected
Water Charges	\$ 1,289,962	\$ 2,912,000	\$ 1,401,435	48.13%
Water Sales (Wholesale)	917,237	2,080,380	1,304,968	62.73%
Sewer Charges	2,170,292	4,800,000	2,295,917	47.83%
Penalties	37,021	60,000	31,828	53.05%
Tap Fees	2,420	3,000	15,550	518.33%
Other Revenues	140,955	184,000	336,703	182.99%
Fund Balance Appropriated	-	318,291	-	0.00%
Total	\$ 4,557,887	\$ 10,357,671	\$ 5,386,401	52.00%

Expenditures	Actual to Date	Budget	Actual to Date	YTD %
	FY '22-23	FY '23-24	FY '23-24	Spent
Water Plant (Less Transfers)	\$ 966,684	\$ 2,479,704	\$ 1,034,599	41.72%
Water Distribution/Sewer Coll (Less Transfers)	1,716,770	5,222,563	2,236,687	42.83%
Transfer to W/S Capital Proj. Fund	-	1,350,000	-	0.00%
Debt Service	148,728	1,030,957	212,262	20.59%
Contingency	-	274,447	-	0.00%
Total	\$ 2,832,182	\$ 10,357,671	\$ 3,483,548	33.63%

YTD Fund Balance Increase (Decrease) 1,725,705 - 1,902,853

ELECTRIC FUND

Revenues	Actual to Date	Budget	Actual to Date	YTD %
	FY '22-23	FY '23-24	FY '23-24	Collected
Electric Sales	\$ 6,900,829	\$ 16,320,000	\$ 6,998,561	42.88%
Penalties	41,523	80,000	44,887	56.11%
All Other Revenues	152,963	252,000	258,856	102.72%
Fund Balance Appropriated	-	226,133	-	0.00%
Total	\$ 7,095,315	\$ 16,878,133	\$ 7,302,304	43.26%

Expenditures	Actual to Date	Budget	Actual to Date	YTD %
	FY '22-23	FY '23-24	FY '23-24	Spent
Administration/Operations	\$ 1,334,872	\$ 3,121,377	\$ 1,640,851	52.57%
Purchased Power - Non Demand	2,403,788	12,450,000	2,416,687	19.41%
Purchased Power - Demand	3,278,359	-	3,229,356	#DIV/0!
Purchased Power - Debt	578,088	-	578,088	#DIV/0!
Debt Service	342,585	342,586	342,586	100.00%
Capital Outlay	-	16,700	-	0.00%
Contingency	-	220,000	-	0.00%
Transfers to Electric Capital Proj Fund	-	632,320	-	0.00%
Transfers to General Fund	-	95,150	-	0.00%
Total	\$ 7,937,692	\$ 16,878,133	\$ 8,207,568	48.63%

YTD Fund Balance Increase (Decrease) (842,377) - (905,264)

TOWN OF SMITHFIELD
MAJOR FUNDS FINANCIAL SUMMARY REPORT
December 31, 2023
Gauge: 6/12 or 50 Percent

50.00%

CASH AND INVESTMENTS FOR OCTOBER

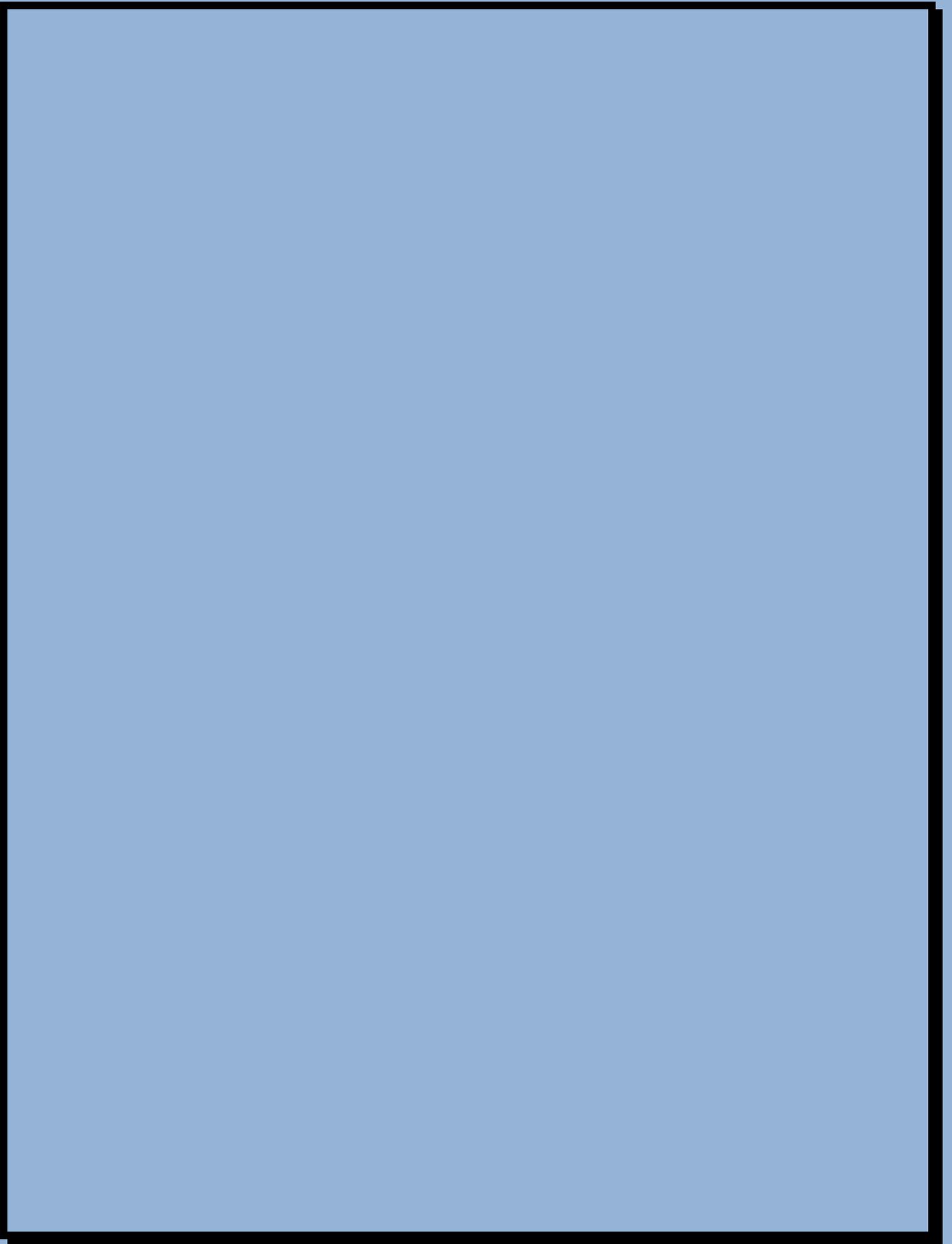
General Fund (Includes P. Bill)	19,110,521			
Water and Sewer Fund	13,448,581			
Electric Fund*	11,244,871			
ARPA (20)	2,470,840			
SCIF (21)	1			
JB George Endowment (40)	134,954			
Water Plant Expansion (43)	954,817			
Booker Dairy Road Fund (44)	457,896			
Capital Project Fund: Wtr/Sewer (45)	1,632,602			
Capital Project Fund: General (46)	518,809			
Capital Project Fund: Electric (47)	235,123			
FEMA Acquisitions and Elevations (48)	550			
CDBG Neighborhood Revitalization (49)	(14,604)	1st CITIZENS	32,837,595	1.75%
Firemen Relief Fund (50)	108,694	NCCMT	5,284,341	5.000%
Fire District Fund (51)	299,920	KS BANK	2,421,863	3.00%
General Capital Reserve Fund (72)	6,411	TRUIST	10,066,185	3.25%
Total	\$ 50,609,986		\$ 50,609,984	

*Plug 2

Account Balances Confirmed By Finance Director on

1/26/2024

Department Reports





FINANCE DEPARTMENTAL REPORT FOR DECEMBER, 2023

SUMMARY OF ACTIVITIES FOR MAJOR FUNDS (10,30,31):

Daily Collections/Property Taxes/Other.....	\$4,468,386
Franchise Tax.....	277,394
Sales & Use Tax.....	311,582
Powel Bill.....	<u>0</u>
Total Revenue	\$5,057,362
Expenditures: General, Water, and Electric.....	\$2,979,648

FINANCE:

- Compiled and submitted monthly retirement report for November on 12/29/2023.
- Issued 41 purchase orders
- Processed 652 vendor invoices for payment and issued 329 accounts payable checks
- Prepared and processed two regular payrolls and remitted federal and state payroll taxes on December 8 and 22, 2023.
- Issued total of 0 renewal privilege licenses for beer and wine sales with 9 outstanding
- Sent 0 past due notices for delinquent privilege license
- Issued 0 peddler license
- Sent 0 notices for grass cutting
- Collected \$0 in grass cutting invoices. Total collected to date is \$9,496.
- Processed 5 NSF Checks/Fraudulent Cards (Utility and SRAC)
- Debt Setoff - Bad Debt Collection calendar year-to-date total \$33,011.73 (EMS: \$6,982.75; SRAC: \$3,160.23; Utility: \$22,868.75; and Other: \$0)
- Penn Credit - Bad Debt Collections received in August \$0; Total collections calendar year-to-date \$23,185.67
- Invoiced 2 grave opening (10-40-3400-3403-0003) for a total of \$1450.
- Invoiced Johnston Community College for Police Security on Dec 8, 2023.
- Earned \$48,320 in interest from FCB and paid \$2,887 in fees on the central depository account.
- Paid \$13,339 in credit/debit/Tyler card fees, but received \$9,181 (31-72-3550-3520-0002) in convenience fees

FINANCE DIRECTOR

- Attended Town Council Meeting on Dec. 03, 2023
- Met with FCB to discuss moving merchant account back to FCB from PNC Bank
- Paid Utility Sales Tax on 12/18/2023
- Reported 10 Stopped Water Meters to Utilities to Replace on 12/10/2023
- Attended Department Head Meetings on 12/04 and 12/19/2023



Planning Department Development Report

Monday, January 29, 2024

Project Name: **Lynn's Automotive Repair**

Request: Reuse of 559 West Market Street Garage and new parking facil

Location 559 West Market Street

Tax ID#: PIN#: 169413-13-0290

Project Status In First Review

Notes:

Site Plan SP-24-01

Submittal Date: 1/17/2024

Planning Board Review:

Board of Adjustment Review:

Town Council Hearing Date:

Approval Date:

Project Name: **Jubilee Creek Subdivision**

Request: 8-lot subdivision

Location

Tax ID#: PIN#:

Project Status

Notes:

Subdivision 2023-01

Submittal Date: 12/18/2023

Planning Board Review:

Board of Adjustment Review:

Town Council Hearing Date:

Approval Date:

Project Name: **Johnston County Neuse River Pump Station**

Request: new replacement pump station

Location

Tax ID#: 15J10015J PIN#: 168319-60-6281

Project Status Approved

Notes:

Site Plan 2023-13

Submittal Date: 12/18/2023

Planning Board Review:

Board of Adjustment Review:

Town Council Hearing Date:

Approval Date: 1/22/2024

Project Name: **SCC Real Estate**

Request: Contractor Building and Yard

Location

Tax ID#: 15079005G PIN#:

Project Status In First Review

Notes:

Site Plan SP-23-11

Submittal Date: 12/1/2023

Planning Board Review:

Board of Adjustment Review:

Town Council Hearing Date:

Approval Date:

Project Name: **Smithfield Venue - 230 N Equity Dr**
Request: Reuse of building as an event venue
Location 230 North Equity Drive
Tax ID#: 15008045C. PIN#: 260417-20-2951
Project Status Second Review Complete
Notes:

Site Plan 2023-12
Submittal Date: 11/15/2023
Planning Board Review:
Board of Adjustment Review:
Town Council Hearing Date:
Approval Date:

Project Name: **Watershed Ordinance Update**
Request:
Location
Tax ID#: PIN#:
Project Status **Approved**
Notes:

Text Amendment 2023-09
Submittal Date: 11/7/2023
Planning Board Review: 12/7/2023
Board of Adjustment Review:
Town Council Hearing Date: 1/9/2024
Approval Date: 1/23/2023

Project Name: **96 Gulf Stream Court Industrial**
Request: Site Plan review
Location 96 Gulfstream Court
Tax ID#: 15079005D PIN#: 168510-47-8027
Project Status **Approved**
Notes:

Site Plan 2023-10
Submittal Date: 10/25/2023
Planning Board Review:
Board of Adjustment Review:
Town Council Hearing Date:
Approval Date: 1/8/2024

Project Name: **Rapid Response Electric**
Request: Site plan review for expansion
Location 228 Tyler Drive
Tax ID#: 15J11023N PIN#: 168206-38-3045
Project Status **Approved**
Notes:

Site Plan 2023-09
Submittal Date: 10/19/2023
Planning Board Review:
Board of Adjustment Review:
Town Council Hearing Date:
Approval Date: 1/23/2024

Project Name: **JCC Greenhouses**

Request:

Location 1240 East Market Street

Tax ID#: 15L11005N PIN#: 169308-89-4088

Project Status **Approved**

Notes:

Site Plan 2023-08	
Submittal Date:	10/5/2023
Planning Board Review:	
Board of Adjustment Review:	
Town Council Hearing Date:	
Approval Date:	10/6/2023

Project Name: **Johnson's Tire & Auto**

Request: Rezoning form R-20A to B-3

Location 267 NC Hwy 210

Tax ID#: 15076014 PIN#: 168400-93-3800

Project Status **Scheduled for Public Hearing**

Notes: **Rezones a .5 acre portion of 1.5 acre tract of land**

Map Amendment 2023-02	
Submittal Date:	8/4/2023
Planning Board Review:	9/7/2023
Board of Adjustment Review:	
Town Council Hearing Date:	10/2/2023
Approval Date:	10/2/2023

Project Name: **Outdoor vehicluar display**

Request: Lowers parking lot striping standards

Location

Tax ID#: PIN#:

Project Status

Notes: **Special considerations for automobile sales only.**

Text Amendment 2023-10	
Submittal Date:	8/4/2023
Planning Board Review:	9/7/2023
Board of Adjustment Review:	
Town Council Hearing Date:	10/2/2023
Approval Date:	10/2/2023

Project Name: **Special event ordinance revisions**

Request: Reduces permit requirments for events held in town parks

Location

Tax ID#: PIN#:

Project Status

Notes:

Text Amendment 2023-11	
Submittal Date:	8/4/2023
Planning Board Review:	9/7/2023
Board of Adjustment Review:	
Town Council Hearing Date:	10/2/2023
Approval Date:	10/2/2023

Project Name: **Slim Chickens**
 Request: Free Standing Restaurant
 Location 1311 North Brightleaf Boulevard
 Tax ID#: 14074019A PIN#: 260411-55-9256
 Project Status Approved
 Notes: **Under Construction**

Site Plan 2023-07	
Submittal Date:	7/18/2023
Planning Board Review:	
Board of Adjustment Review:	
Town Council Hearing Date:	
Approval Date:	8/9/2023

Project Name: **Bufflo Road Subdivision**
 Request: 222 unit subdivision
 Location Buffalo Road
 Tax ID#: 14A03005 PIN#: 260412-06-3802
 Project Status In Second Review
 Notes: **TC tabled to the March TC meeting**

Conditional Zoning 2023-01	
Submittal Date:	6/30/2023
Planning Board Review:	11/2/2023
Board of Adjustment Review:	
Town Council Hearing Date:	1/23/2024
Approval Date:	

Project Name: **Johnston County / Yelverton Grove Road Rezoning**
 Request: Rezone 49.02 acers from R-20A to OI
 Location Yelverton Grov
 Tax ID#: 15L11012 PIN#: 260300-46-7578
 Project Status Approved
 Notes: **Planning Board Reccomends Approval**

Map Amendment 2023-01	
Submittal Date:	6/2/2023
Planning Board Review:	7/13/2023
Board of Adjustment Review:	
Town Council Hearing Date:	8/1/2023
Approval Date:	8/1/2023

Project Name: **Sidewalk Fee in lieu of**
 Request: Amend Article 2 to create a sidewalk fee in lieu of option
 Location
 Tax ID#: PIN#:
 Project Status In First Review
 Notes: **Town Council tabled discussion to future workshop**

Text Amendment 2023-07	
Submittal Date:	6/2/2023
Planning Board Review:	7/13/2023
Board of Adjustment Review:	
Town Council Hearing Date:	8/1/2023
Approval Date:	

Project Name: **Big Dan's Car Wash**
 Request: Car wash tunnel
 Location 100 Smithfield Cros
 Tax ID#: 15008045Y PIN#: 260305-09-6780
 Project Status **Approved**
 Notes: **Old Checkers Site**

Site Plan 2023-06	
Submittal Date:	6/1/2023
Planning Board Review:	
Board of Adjustment Review:	
Town Council Hearing Date:	
Approval Date:	9/15/2023

Project Name: **Cox Automotive Addition**
 Request: Open canopy addition to building
 Location
 Tax ID#: PIN:
 Project Status
 Notes:

Site Plan 2023-05	
Submittal Date:	5/22/2023
Planning Board Review:	
Board of Adjustment Review:	
Town Council Hearing Date:	
Approval Date:	5/22/2023

Project Name: **General Design Standards**
 Request: Article 2,10 and Appendix A
 Location
 Tax ID#: PIN:
 Project Status **In First Review**
 Notes: **Town Council tabled discussion to future workshop**

Text Amendment 2023-06	
Submittal Date:	5/1/2023
Planning Board Review:	5/4/2023
Board of Adjustment Review:	
Town Council Hearing Date:	7/4/2023
Approval Date:	

Project Name: **Airport Industrial Lot 4**
 Request: 8000 sq ft Industrial Flex Space
 Location 154 Airport Ind Drive
 Tax ID#: 15J08017H PIN#: 68500-04-6994
 Project Status **Approved**
 Notes: **Under Construction**

Site Plan 2023-04	
Submittal Date:	4/19/2023
Planning Board Review:	
Board of Adjustment Review:	
Town Council Hearing Date:	
Approval Date:	6/9/2023

Project Name: **Westerman Place Sub'd**
 Request: variance to create a lot on a private easement
 Location 350 Westerman Place
 Tax ID#: 15I07040 PIN#: 167500-74-2102
 Project Status **Approved**
 Notes: **10.110.1.4.4,10.110.1.4.4.1 and 10.110.1.4.4.2 to allow a 6.77-acre lot on an access easement**

BOA 2023-05	
Submittal Date:	4/7/2023
Planning Board Review:	
Board of Adjustment Review:	4/27/2023
Town Council Hearing Date:	
Approval Date:	

Project Name: **Eagle Nest**
 Request: 7 Lot major subdision
 Location Galilee Road
 Tax ID#: 15I09034M PIN#: 167300-68-6881
 Project Status **First Review Complete**
 Notes: **Manufactured homes on septic tanks with shared driveways - appears to have been withdrawn**

Subdivision 2023-01	
Submittal Date:	3/21/2023
Planning Board Review:	
Board of Adjustment Review:	
Town Council Hearing Date:	
Approval Date:	

Project Name: **Home2Suites**
 Request: 98 Room Hotel
 Location 180 Towne Center Place
 Tax ID#: 15L11001H PIN#: 260305-08-8796
 Project Status **Approved**
 Notes: **Construction Emminent**

Site Plan 2023-03	
Submittal Date:	3/17/2023
Planning Board Review:	
Board of Adjustment Review:	
Town Council Hearing Date:	
Approval Date:	6/22/2023

Project Name: **Airport Overlay District**
 Request: Amends Section 10.95 Airport Height Hazard Overlay (AHH).
 Location
 Tax ID#: PIN#:
 Project Status **Approved**
 Notes: **PB reccomends approval**

Text Amendment 2023-03	
Submittal Date:	3/3/2023
Planning Board Review:	4/6/2023
Board of Adjustment Review:	
Town Council Hearing Date:	5/2/2023
Approval Date:	5/2/2023

Project Name: **Gov. offices in the IND Zoning Districts**
 Request: Amends Section 6.6, Table of Permitted Uses
 Location
 Tax ID#: PIN#:
 Project Status **Approved**
 Notes: **PB reccomends approval**

Text Amendment 2023-05	
Submittal Date:	3/3/2023
Planning Board Review:	4/6/2023
Board of Adjustment Review:	
Town Council Hearing Date:	5/2/2023
Approval Date:	5/2/2023

Project Name: **Landscape Maintenance**
 Request: Amends Section 10.11. Landscape Maintenance
 Location
 Tax ID#: PIN#:
 Project Status **Approved**
 Notes: **PB reccomends approval**

Text Amendment 2023-05	
Submittal Date:	3/3/2023
Planning Board Review:	4/7/2023
Board of Adjustment Review:	
Town Council Hearing Date:	5/2/2023
Approval Date:	5/2/2023

Project Name: **Ram Rent-All**
 Request: Free standing storage building
 Location 804 North Brightleaf Boulevard
 Tax ID#: 15006010 PIN#: 260413-02-1766
 Project Status **Approved**
 Notes: **1,800 square foot metal building**

Site Plan 2023-04	
Submittal Date:	2/10/2023
Planning Board Review:	
Board of Adjustment Review:	3/30/2023
Town Council Hearing Date:	
Approval Date:	4/13/2023

Project Name: **Accessory Structures**
 Request: Allows 2 accessory structures perresidential zoned lot
 Location
 Tax ID#: PIN#:
 Project Status **Approved**
 Notes: **PB reccomended approval**

Text Amendment 2023-02	
Submittal Date:	2/3/2023
Planning Board Review:	3/2/2023
Board of Adjustment Review:	
Town Council Hearing Date:	4/4/2023
Approval Date:	4/4/2023

Project Name: **Perfect Ride**
 Request: Variance from Street Yard, Paking lot trees, Parking lot striping
 Location 721 North Brightleaf Boulevard
 Tax ID#: 15006006 PIN#: 169416-92-9618
 Project Status
 Notes: **Denied by TOSBOA**

Variance 2023-03	
Submittal Date:	2/3/2023
Planning Board Review:	
Board of Adjustment Review:	2/23/2023
Town Council Hearing Date:	
Approval Date:	

Project Name: **Deacon Jones Automotive**
 Request: Exemption from parking lot striping
 Location 1109 North Brightleaf Boulevard
 Tax ID#: 15004022 PIN#: 260413-24-1290
 Project Status
 Notes: **Denied by TOSBOA**

Variance 2023-02	
Submittal Date:	1/12/2023
Planning Board Review:	
Board of Adjustment Review:	2/23/2023
Town Council Hearing Date:	
Approval Date:	

Project Name: **Deacon Jones Automotive**
 Request: Exceed the maximum of four wall signs for a total of six
 Location 1109 North Brightleaf Boulevard
 Tax ID#: 15004022 PIN#: 260413-24-1290
 Project Status **Approved**
 Notes: **Approved by TOSBOA**

Variance 2023-01	
Submittal Date:	1/6/2023
Planning Board Review:	
Board of Adjustment Review:	1/26/2023
Town Council Hearing Date:	
Approval Date:	

Project Name: **Building Height Ordinance**
 Request: Increases max building Height to 80' in the HI zoning district
 Location
 Tax ID#: PIN#:
 Project Status **Approved**
 Notes: **PB recommended approval**

Text Amendment 2023-01	
Submittal Date:	
Planning Board Review:	2/2/2023
Board of Adjustment Review:	
Town Council Hearing Date:	3/7/2023
Approval Date:	3/7/2023



Town of Smithfield
Planning Department
350 E. Market St Smithfield, NC 27577
P.O. Box 761, Smithfield, NC 27577
Phone: 919-934-2116
Fax: 919-934-1134

Permits Issued for January 2024

		Permit Fees	Permits Issued
Zoning	Land Use	\$500.00	5
Subdivisions	Major Subdivision	\$1,425.00	13
Site Plan	Minor Site Plan	\$675.00	13
Zoning	Sign	\$200.00	4
Report Period Total:		\$1,025.00	35
Fiscal YTD Total:		\$1,025.00	

Permit#	Permit Type	Sub Type	Address	File Open Date
SP24-000001	Site Plan	Minor Site Plan	75 Thain Place	01/02/2024
SP24-000002	Site Plan	Minor Site Plan	234 West Market Street	01/02/2024
SP24-000003	Site Plan	Major Site Plan	254 Galilee Branch Drive	01/02/2024
SP24-000004	Site Plan	Major Site Plan	224-244 Peebles Drive	01/03/2024
SP24-000005	Site Plan	Major Site Plan	201-221 Peebles Drive	01/03/2024
SP24-000006	Site Plan	Major Site Plan	225-245 Peebles Drive	01/03/2024
SP24-000007	Site Plan	Major Site Plan	157-169 Peebles Drive	01/04/2024
SP24-000008	Site Plan	Major Site Plan	129-137 Peebles Drive	01/04/2024
SP24-000009	Site Plan	Major Site Plan	109-121 Peebles Drive	01/04/2024
SP24-000010	Site Plan	Major Site Plan	206-218 Golden Arms Drive	01/04/2024
SP24-000011	Site Plan	Major Site Plan	912-981 Olive Branch Road	01/05/2024
SP24-000012	Site Plan	Minor Site Plan	812 East Street	01/05/2024
SP24-000013	Site Plan	Minor Site Plan	1418 Wal-Pat Road	01/08/2024
SP24-000014	Site Plan	Minor Site Plan	60 Brantley Circle	01/08/2024
SP24-000015	Site Plan	Minor Site Plan	3262 South Brightleaf Boulevard	01/08/2024
SP24-000016	Site Plan	Minor Site Plan	96 Gulfstream Court	01/08/2024
SP24-000017	Site Plan	Minor Site Plan	314 Hickory Drive	01/12/2024
SP24-000018	Site Plan	Major Site Plan	249-269 Peebles Drive	01/16/2024
SP24-000019	Site Plan	Major Site Plan	248-260 Peebles Drive	01/16/2024
SP24-000020	Site Plan	Minor Site Plan	1215 East Booker Dairy Road	01/17/2024
SP24-000021	Site Plan	Minor Site Plan	168 Tuliptree Drive	01/17/2024
SP24-000022	Site Plan	Major Site Plan	2858 South Brightleaf Boulevard	01/22/2024
SP24-000023	Site Plan	Minor Site Plan	1890 Firetower Road	01/22/2024
SP24-000024	Site Plan	Minor Site Plan	228 Tyler Drive	01/23/2024
SP24-000025	Site Plan	Major Site Plan	188-242 New Twin Branch Court	01/24/2024

SP24-000026	Site Plan	Minor Site Plan	2283 Wilson's Mills Road	01/29/2024
Z24-000001	Zoning	Land Use	728 North Brightleaf Boulevard	01/04/2024
Z24-000002	Zoning	Sign	111 West Saltgrass Lane	01/05/2024
Z24-000003	Zoning	Land Use	1243 North Brightleaf Boulevard	01/08/2024
Z24-000004	Zoning	Sign	1025 Outlet Center Drive Suite 905	01/10/2024
Z24-000005	Zoning	Sign	1115 North Brightleaf Boulevard	01/12/2024
Z24-000006	Zoning	Land Use	154 Airport Industrial Road	01/12/2024
Z24-000007	Zoning	Land Use	1255 North Brightleaf Boulevard	01/16/2024
Z24-000008	Zoning	Sign	527 South Brightleaf Boulevard	01/26/2024
Z24-000009	Zoning	Land Use	318 Stancil Street	01/26/2024



SMITHFIELD POLICE DEPARTMENT

110 S. Fifth Street • Smithfield, NC 27577
Phone: (919) 934-2121 • Fax: (919) 934-0223

MONTHLY STATISTICS

MONTH ENDING DECEMBER 31, 2023

	<i>MONTHLY TOTAL</i>	<i>YEAR TO DATE TOTAL</i>
CALLS FOR SERVICE	1480	19006
INCIDENT REPORTS TAKEN	122	1301
BURGLARY	1	39
CASES CLOSED	94	881
ACCIDENT REPORTS	86	936
ARREST REPORTS TAKEN	61	696
DRUGS	11	124
DWI	9	60
CITATIONS ISSUED	99	1377
PARKING/PAID	29/17	99/46
SPEEDING	0	252
NOL/DWLR	38	391
FICT/CNCL/REV REG CARD/TAG	27	204

Smithfield, North Carolina • The Heart of Johnston County Since 1777

REPORTED UCR OFFENSES FOR THE MONTH OF DECEMBER 2023

PART I CRIMES	December 2022	December 2023	+/-	Percent Changed	Year-To-Date 2022	Year-To-Date 2023	+/-	Percent Changed
MURDER	0	0	0	N.C.	0	1	1	N.C.
RAPE	0	0	0	N.C.	4	3	-1	-25%
ROBBERY	0	0	0	N.C.	6	6	0	0%
Commercial	0	0	0	N.C.	2	1	-1	-50%
Individual	0	0	0	N.C.	4	5	1	25%
ASSAULT	1	4	3	300%	66	39	-27	-41%
* VIOLENT *	1	4	3	300%	76	49	-27	-36%
BURGLARY	8	3	-5	-63%	81	44	-37	-46%
Residential	4	2	-2	-50%	45	22	-23	-51%
Non-Resident.	4	1	-3	-75%	36	22	-14	-39%
LARCENY	39	48	9	23%	450	418	-32	-7%
AUTO THEFT	4	2	-2	-50%	36	23	-13	-36%
ARSON	0	0	0	N.C.	3	2	-1	-33%
* PROPERTY *	51	53	2	4%	570	487	-83	-15%
PART I TOTAL:	52	57	5	10%	646	536	-110	-17%
PART II CRIMES								
Drug	13	11	-2	-15%	185	153	-32	-17%
Assault Simple	3	14	11	367%	105	133	28	27%
Forgery/Counterfeit	4	0	-4	-100%	20	16	-4	-20%
Fraud	4	3	-1	-25%	88	86	-2	-2%
Embezzlement	0	1	1	N.C.	4	9	5	125%
Stolen Property	0	2	2	N.C.	7	5	-2	-29%
Vandalism	6	4	-2	-33%	78	53	-25	-32%
Weapons	0	3	3	N.C.	6	10	4	67%
Prostitution	0	0	0	N.C.	0	0	0	N.C.
All Other Sex Offens	2	0	-2	-100%	6	2	-4	-67%
Gambling	0	0	0	N.C.	0	0	0	N.C.
Offn Agnst Faml/Chld	0	0	0	N.C.	4	1	-3	-75%
D. W. I.	5	7	2	40%	77	54	-23	-30%
Liquor Law Violation	0	0	0	N.C.	11	2	-9	-82%
Disorderly Conduct	0	1	1	N.C.	10	7	-3	-30%
Obscenity	0	0	0	N.C.	1	0	-1	-100%
Kidnap	0	0	0	N.C.	0	3	3	N.C.
Human Trafficking	0	0	0	N.C.	0	0	0	N.C.
All Other Offenses	23	20	-3	-13%	259	291	32	12%
PART II TOTAL:	60	66	6	10%	861	825	-36	-4%
GRAND TOTAL:	112	123	11	10%	1507	1361	-146	-10%

N.C. = Not Calculable



**Town of Smithfield
Fire Department
December 2023**

I. Statistical Section

Dec.

Confirmed Structure Fires	1
EMS Responses	212
Misc./Other Calls	38
Mutual Aid Calls	9
TOTAL EMERGENCY RESPONSES	295

Dec. YTD

Fire Inspections	59	1014
Public Fire Education Programs	2	46
# Of Children Educated	120	4,491
# Of Adults Educated	95	2,214
Plans Review Construction/Renovation Projects	24	264
Fire Department Permits reviewed / Issued	24	430
Business Preplans	0	2
Fire Related Injuries & Deaths	0	0
# Of Civilian Deaths	0	0
# Of Civilian Injuries	0	5

II. Major Revenues

Dec. YTD

Inspections	\$1,150.00	\$10,375.00
Fire Recovery USA	\$1,510.00	\$14,867.72

III. Personnel Update:

2 vacant Full-time positions (1-Assistant Fire Chief, 1-Firefighter I), Council approved to create (3) new Firefighter positions. Continuous Part-time positions available, 17 p/t positions currently filled including the p/t fire inspector.

IV. Narrative of monthly departmental activities:

- Squad was in-service 2 of 21 days
- Total Training Hours for December = 74 hours
- Began the first section of the Assistant Fire Chief Assessment Center
- Completed the Firefighter hiring process
- Smoke Alarm Inventory
- Amazon Walk through and Life Safety Egress Inspection
- After hours Employment/Fire Watch form development
- Inspector Occupancy Zone Maps completion

- Continue on Budget Justification
- Meet Staff at Annie Parker Circle Smoke Detector Donation
- LEPC meeting at Station 1
- Christmas parade participation

V. Upcoming Plans

- Yearly Reporting.
- Amazon Finals begins with Third Party Company
- Budget Submissions
- Fire Investigation Program Development
- Fire alarm SOG Completion
- Complete the Assistant Fire Chief Assessment Center
- Start the 4-week new recruit training (Firefighters)

**Town of Smithfield
Public Works Department
December 31, 2023**



<u>126</u>	Total Work Orders completed by the Public Works Department
<u>8</u>	Burials, at \$725.00 each = <u>\$6,000.00</u>
<u>0</u>	Cremation Burial, \$425.00 each = \$0
<u>\$4,000.00</u>	Sunset Cemetery Lot Sales
<u>0</u>	Riverside Extension Cemetery Lot Sales
<u>435.93</u>	tons of household waste collected
<u>192.00</u>	tons of yard waste collected
<u>3.02</u>	tons of recycling collected
<u>0</u>	gallons of used motor oil were recycled
<u>0</u>	scrap tires were recycled

Town of Smithfield
Public Works Appearance Division
Cemetery, Landscapes, and Grounds Maintenance
Buildings, Facilities, and Sign Division
Monthly Report
December 31, 2023



I. Statistical Section

- 8 Burials
- 5 Works Orders – Buildings & Facilities Division
- 17 Work Orders – Grounds Division
- 9 Work Orders – Sign Division

II. Major Revenues

Sunset Cemetery Lot Sales:	\$ <u>4,000.00</u>
Riverside Ext Cemetery Lot Sales:	\$ <u>0</u>
Grave Opening Fees:	\$ <u>6,000.00</u>
Total Revenue:	\$ <u>10,00.00</u>

III. Major Expenses for the Month:

Paid \$1,953.50 to Quality Equipment. to repair /annual maintenance on a zero turn John Deere Z970r mower

IV. Personnel Update:

No one hired for the month of December.

V. Narrative of monthly departmental activities:

The overall duties include daily maintenance on cemeteries, landscapes, right-of-ways, buildings and facilities. The Public Works Department safety meeting was on "Fatigue and Distractions". The Safety meeting was on Nutrition for the Holidays with speaker Jaime Pearce.

Town of Smithfield
Public Works Fleet Maintenance Division
Monthly Report
Dec. 31, 2023



I. Statistical Section

 2 Preventive Maintenances
 0 North Carolina Inspections
 26 Work Orders

II. Major Revenues

None for the month

III. Major Expenses for the Month:

None for the month

IV. Personnel Update:

None for the month

V. Narrative of monthly departmental activities:

The shop employee performed preventive maintenance on most Town owned. Vehicles. The Safety meeting was on Nutrition for the Holidays with speaker Jaime Pearce.

Town of Smithfield
Public Works Drainage/Street Division
Monthly Report
Dec. 31, 2023



I. Statistical Section

- a. All catch basins in problem areas were cleaned on a weekly basis
- b. 0 Work Orders – 0 Tons of Asphalt was placed in 0 utility cuts,) 0 gator areas and 0 overlay.
- c. 0 Work Order – 0 Linear Feet Drainage Pipe installed.
- d. 0 Work Orders - 0 Linear Feet of ditches were cleaned
- e. 4 Work Orders – 200 lbs. of Cold Patch was used for 5 Potholes.

II. Major Revenues

None for the month

III. Major Expenses for the Month:

None

IV. Personnel Update:

None for the month

V. Narrative of monthly departmental activities:

The Public Works Department maintains its daily work task” pothole repair , right-a-way maintenance storm drains, cutting back trees from signs.



Work Orders List for 12/31/2023 - 01/31/2024

WORK ORDER INFO	LOCATION & ASSET	DUE & STATUS	TIME & COST	PROCEDURE ANSWERS
#2457 Bolt missing from sign Type: Reactive Low Signage Ethan Bryant	Drainage Division	✓ Done Completed by Ethan Bryant on 01/03/2024	Total Time Costs Total Time \$1.76	\$1.76 5m 7s \$1.76
#2458 Limbs blocking sign Type: Reactive High Streets Division Ethan Bryant	Drainage Division	✓ Done Completed by Ethan Bryant on 01/03/2024	Total Time Costs Total Time \$5.33	\$5.33 15m 28s \$5.33
#2459 Cut limbs blocking sign Type: Reactive High Streets Division Ethan Bryant	Drainage Division	✓ Done Completed by Ethan Bryant on 01/03/2024	Total Time Costs Total Time \$5.32	\$5.32 15m 27s \$5.32

PROCEDURE ANSWERS

TIME & COST

DUE & STATUS

LOCATION & ASSET

WORK ORDER INFO

#2464
Check signs
 Type: Reactive
[Drainage](#)
 Ethan Bryant
 Drainage Division
 ✓ Done
 Completed by Ethan Bryant
 on 01/04/2024
 Total Time Costs
 Total Time
 7h 19m 10s
Total Costs
\$151.22

#2475
Check signs
 Type: Reactive
[Drainage](#)
 Ethan Bryant
 Drainage Division
 ✓ Done
 Completed by Ethan Bryant
 on 01/05/2024
 Total Time Costs
 Total Time
 4h 17m 31s
Total Costs
\$88.67

#2483
Pick up metal spool
 Type: Reactive
[Drainage](#)
 Ethan Bryant
 Drainage Division
 ✓ Done
 Completed by Ethan Bryant
 on 01/08/2024
 Total Time Costs
 Total Time
 32m 45s
Total Costs
\$11.28

#2485
Concrete Lid off storm drain
 Type: Reactive
[Drainage](#)
 Ethan Bryant
 Drainage Division
 ✓ Done
 Completed by Ethan Bryant
 on 01/08/2024
 Total Time Costs
 Total Time
 30m 51s
Total Costs
\$10.62

#2490
Fill pothole
 Type: Reactive
[Drainage](#)
 Ethan Bryant
 Drainage Division
 ✓ Done
 Completed by Ethan Bryant
 on 01/09/2024
 Total Time Costs
 Total Time
 12m 18s
Total Costs
\$4.24

PROCEDURE ANSWERS

TIME & COST

DUE & STATUS

LOCATION & ASSET

WORK ORDER INFO

#2486		01/08/2024			
Clogged ditch		✓ Done			
Type: Reactive		Completed by Eithan Bryant on 01/09/2024			
High					
Drainage					
Ethan Bryant					
#2491	Drainage Division	✓ Done	Total Time Costs	\$438.32	
Clean catchbasins		Completed by Eithan Bryant on 01/10/2024	Total Time	21h 12m 58s	
Type: Reactive			Total Costs	\$438.32	
Drainage					
Ethan Bryant					
#2497	Drainage Division	✓ Done	Total Time Costs	\$12.96	
Clean debris off of street		Completed by Eithan Bryant on 01/10/2024	Total Time	37m 39s	
Type: Reactive			Total Costs	\$12.96	
Drainage					
Ethan Bryant					
#2498	Drainage Division	✓ Done	Total Time Costs	\$21.37	
Tree fell in street		Completed by Eithan Bryant on 01/10/2024	Total Time	1h 2m 4s	
Type: Reactive			Total Costs	\$21.37	
Drainage					
Ethan Bryant					
#2515	Drainage Division	✓ Done	Total Time Costs	\$3.44	
Stopsign leaning on fence		Completed by Eithan Bryant on 01/11/2024	Total Time	10m 0s	
Type: Reactive			Total Costs	\$3.44	
Drainage					
Ethan Bryant					

PROCEDURE ANSWERS

TIME & COST

DUE & STATUS

LOCATION & ASSET

WORK ORDER INFO

#2514	Drainage Division	✓ Done	Total Time Costs	\$45.94
Clean storm drains		Completed by Ethan Bryant on 01/11/2024	Total Time	2h 13m 25s
Type: Reactive			Total Costs	\$45.94
Drainage				
Ethan Bryant				
#2522	Drainage Division	✓ Done	Total Time Costs	\$3.96
Fill pothole		Completed by Ethan Bryant on 01/11/2024	Total Time	11m 30s
Type: Reactive			Total Costs	\$3.96
Drainage				
Ethan Bryant				
#2523	Drainage Division	✓ Done	Total Time Costs	\$4.02
Streetblades torn down		Completed by Ethan Bryant on 01/12/2024	Total Time	11m 41s
Type: Reactive			Total Costs	\$4.02
Drainage				
Ethan Bryant				
#2516	Drainage Division	✓ Done	Total Time Costs	\$176.34
Blow out driveways on Broadway st		Completed by Ethan Bryant on 01/12/2024	Total Time	8h 32m 7s
Type: Reactive			Total Costs	\$176.34
Drainage				
Ethan Bryant				
#2537	Drainage Division	✓ Done	Total Time Costs	\$128.47
Check signs		Completed by Ethan Bryant on 01/16/2024	Total Time	6h 13m 6s
Type: Reactive			Total Costs	\$128.47
Drainage				
Ethan Bryant				

PROCEDURE ANSWERS

TIME & COST

DUE & STATUS

LOCATION & ASSET

WORK ORDER INFO

#2544
Streetblades torn down
 Type: Reactive
Drainage
 Ethan Bryant

Drainage Division
 Done
 Completed by Ethan Bryant on 01/17/2024
 Total Time Costs
 Total Time 16m 20s
Total Costs \$5.62

#2548
Check signs
 Type: Reactive
Drainage
 Ethan Bryant

Drainage Division
 Done
 Completed by Ethan Bryant on 01/17/2024
 Total Time Costs
 Total Time 3h 24m 35s
Total Costs \$70.44

#2551
Clean out ditch
 Type: Reactive
Drainage
 Ethan Bryant

Drainage Division
 Done
 Completed by Ethan Bryant on 01/18/2024
 Total Time Costs
 Total Time 3h 56m 21s
Total Costs \$81.38

#2559
Signs missing or knocked down
 Type: Reactive
High
Streets Division
 Ethan Bryant

Drainage Division
 Street Division
 01/22/2024
 Done
 Completed by Ethan Bryant on 01/22/2024
 Total Time Costs
 Total Time 1h 45m 6s
Total Costs \$36.19

PROCEDURE ANSWERS

TIME & COST

DUE & STATUS

LOCATION & ASSET

WORK ORDER INFO

\$0.24
0m 42s

Total Time Costs
Total Time

01/08/2024
In Progress

Drainage Division
Street Division

#2482
pot holes
Type: Reactive

Low

Streets
Division

Ethan Bryant

#2324

Cut ditch

Type: Reactive

Medium

Drainage

Ethan Bryant

01/03/2024
Open

#2541

Check town owned
ditch on Stevenson
Dr.

Type: Reactive

High

Drainage

Ethan Bryant

01/18/2024
Open

\$0.24

Signed off by

Date

Town of Smithfield
Public Works Sanitation Division
Monthly Report
December 31, 2023



I. Statistical Section

The Division collected from approximately 4,207 homes, 4 times during the month

- a. Sanitation forces completed 57 work orders
- b. Sanitation forces collected tons 435.93 of household waste
- c. Sanitation forces disposed of 96 loads of yard waste and debris at Spain Farms Nursery
- d. Recycled 0 tons of clean wood waste (pallets) at Convenient Site Center
- e. Town's forces collected 7.68 tons of construction debris (C&D)
- f. Town disposed of 0 Tires from yard.
- g. Recycling forces collected 3.02 tons of recyclable plastic
- h. Recycled 0 lbs. of cardboard material from the Convenient Site Center
- i. A total of 0 gals of Anti-freeze was collected at the Convenient Site Center
- j. Recycled 3,140 lbs. of plastics & glass (co-mingle) from the Convenient Site Center

II. Major Revenues

- a. Received \$0 from Sonoco Products for cardboard material
- b. Sold 0 lbs. of aluminum cans for \$ 0.00
- c. Sold 5,000 lbs. of shredder steel for \$345.79 to Foss.

III. Major Expenses for the Month:

Spain Farms Nursery was paid \$3,456 for disposal of yard waste and debris. Cox Repair Services was paid \$600 for the tow of TK #320 back to the garage. T % W Welding Co. was paid \$586.19 for a reseal on boom truck.

IV. Personnel Update:

The Safety meeting was on Nutrition for the Holidays with speaker Jaime Pearce. The Department worked with Mitchells Temporary for 2 vacant positions.

V. Narrative of monthly departmental activities:

The department worked closely with Downtown Development and Parks and Rec Supplying control devices and event containers for the Grinch Run, Tree Lighting, and Parade events. Community Service Workers worked 8 Hrs.

Appearance Commission December 2023 Monthly Report:

No Appearance Commission meeting was held in the month of December, 2023.

Next Appearance Commission meeting will be on Jan 16th 2021 at 5:00 pm in Town Hall.

Date of Cut	ADDRESS	CUT SIZE	DATE OF REPAIR
11/03/23	503 N. 7th St.	11x7	12/04/23
11/07/23	9 White Oak Dr.	20x6	12/04/23
11/08/23	317 S. 4th St. / Corner of Woodall & 4th St.	20x5	12/04/23
11/20/23	311 Hancock St.	24x4	12/04/23



MONTHLY REPORT FOR DECEMBER, 2023

PROGRAMS STATISTICS	DECEMBER, 2023	23/24 FY YTD	DECEMBER, 2022	
NUMBER OF PROGRAMS	8	56	9	
TOTAL ATHLETICS PARTICIPANTS	274	2017	254	
TOTAL NON/ATHLETIC PARTICIPANTS	4311	7117	2288	
SARAH YARD COMMUNITY CENTER	101	773	47	
NUMBER OF GAMES PLAYED	0	0	0	
TOTAL NUMBER OF PLAYERS (GAMES)	0	0	0	
NUMBER OF PRACTICES	210	273	174	
TOTAL NUMBER OF PLAYER(S) PRACTICES	1890	2526	1392	
	DECEMBER, 2023	23/24 FY YTD	DECEMBER, 2022	22/23 FY YTD
PARKS RENTALS	9	252	7	337
USERS (PARKS RENTALS)	275	1288	120	9729
TOTAL UNIQUE CONTACTS	6,577	32,242	3,847	23,350
	DECEMBER, 2023	23/24 FY YTD	DECEMBER, 2022	22/23 FY YTD
PARKS AND RECREATION REVENUES	\$ 2,565.00	\$ 45,703.00	\$ 1,686.00	\$ 50,649.00
PARKS AND RECREATION EXPENDITURES (OPERATIONS)	\$ 62,910.00	\$ 428,681.00	\$ 53,389.00	\$ 413,197.00
PARKS AND RECREATION EXPENDITURE (CAPITAL OUTLAY EQUIP)	\$ 12,068.00	\$ 69,034.00	\$ 4,198.00	\$ 43,552.00
SARAH YARD COM CTR EXPENDITURES (OPERATIONS)	\$ 3,095.00	\$ 16,033.00	\$ 2,383.00	\$ 14,508.00
SARAH YARD COM CTR EXPENDITURES (CAPITAL OUTLAY EQUIP)	\$ -	\$ 7,475.00	\$ -	\$ 21,500.00

NOTES: CHRISTMAS TREE LIGHTING
CHRISTMAS PARADE
COOKIES AND HOT CHOCOLATE POP UPS
GRINCH RUN AND JINGLE BELL JOG
YOUTH BASKETBALL (275+ PLAYERS)



MONTHLY REPORT FOR DECEMBER, 2023

PROGRAMS SATISTICS	DECEMBER, 2023	23/24 FY YTD	DECEMBER, 2022	
NUMBER OF PROGRAMS	15	99	14	
TOTAL CONTACT WITH PROGRAM PARTICIPANTS	416	16845	2056	
	DECEMBER, 2023	23/24 FY YTD	DECEMBER, 2022	22/23 FY YTD
SRAC MEMBER VISITS	3095	22060	2709	18484
DAY PASSES	878	8414	1076	8159
RENTALS (SRAC)	37	329	81	371
USERS (SRAC RENTALS)	2469	13506	4039	16145
TOTAL UNIQUE CONTACTS	6,858	60,825	9,880	66,555
	DECEMBER, 2023	23/24 FY YTD	DECEMBER, 2022	22/23 FY YTD
FINANCIAL STATISTICS				
SRAC REVENUES	\$ 41,544.00	\$ 383,234.00	\$ 43,887.00	\$ 345,799.00
SRAC EXPENDITURES (OPERATIONS)	\$ 72,141.00	\$ 507,349.00	\$ 70,129.00	\$ 526,101.00
SRAC EXPENDITURES (CAPITAL OUTLAY))	\$ 39,763.00	\$ 139,724.00	\$ -	\$ 1,355.00
SRAC MEMBERSHIPS	3640		2370	

NOTES: 6 HIGH SCHOOL SWIM MEETS



- **Statistical Section**

- Electric CP Demand 22,649 Kw relative to November's demand of 23,323 Kw.
- Electric System Reliability was 99.9830%, with two (2) recorded main line outages; relative to November's 99.2408%.
- Raw water treated on a daily average was 4.641 MG relative to 4.963 MG for November; with maximum demand of 5.475 MG relative to November's 6.083 MG.
- Total finished water to the system was 129.565 MG relative to November's 133.753 MG. Average daily for the month was 4.180 MG relative to November's 4.458 MG. Daily maximum was 4.700 MG (December 4th) relative to November's 5.026 MG. Daily minimum was 2.829 MG (December 25th), relative to November's 3.658 MG.

- **Miscellaneous Revenues**

- Water sales were \$256,717 relative to November's \$246,640
- Sewer sales were \$436,197 relative to November's \$412,401
- Electrical sales were \$1,265,222 relative to November's sales of \$1,189,537
- Johnston County Water purchases were \$196,053 for 77.186 MG relative to November's \$208,519 for 82.094 MG.

- **Major Expenses for the Month**

- Electricity purchases were \$1,000,141 relative to November's \$952,800.
- Johnston County sewer charge was \$187,605 for 44.456 MG relative to November's \$123,604 for 29.290 MG.

- **Personnel Changes**

- There were no personnel changes this month



**Town of Smithfield
Electric Department
Monthly Report
December, 2023**

I. Statistical Section

- Street Lights repaired –29
- Area Lights repaired-10
- Service calls – 22
- Underground Electric Locates -189
- Poles changed out/removed or installed -8
- Underground Services Installed -4

II. Major Revenues

- N/A

III. Major Expenses for the Month:

- N/A

IV. Personnel Update:

- The Utility Dept. had a Safety meeting on Confined Spaces.

V. Miscellaneous Activities:

- The Electrical Dept. has only house services & street lights to install at East River Phases 3,4 & 5 as houses are completed.
- The Electrical Dept. is working on replacing old poles and upgrading lines in the Pine Acres area.
- The Electrical Dept. installed Christmas Decorations along Market St. in East & West Smithfield for the Public Works Dept.
- The Electrical Dept. helped Parks & Rec. install the Christmas Tree at the Library.
- The Electrical Dept install electronic radar signs on Market St. for the Police Dept.



WATER & SEWER

December 2023 Monthly Report

● DISCONNECT WATER	7
● RECONNECT WATER	1
● TEST METER	10
● TEMPORARY METER SET	0
● DISCOLORED WATER CALLS	8
● LOW PRESSURE CALLS	12
● NEW/RENEW SERVICE INSTALLS	2
● LEAK DETECTION	19
● METER CHECKS	22
● METER REPAIRS	10
● WATER MAIN/SERVICE REPAIRS	10
● STREET CUTS	9
● REPLACE EXISTING METERS	7
● INSTALL NEW METERS	5
● FIRE HYDRANTS REPAIRED	0
● FIRE HYDRANTS REPLACED	0
● SEWER REPAIRS/SINK HOLES	2
● CLEANOUTS INSTALLED	5
● INSPECTIONS	13
● CAMERA SEWER	4

- SEWER MAIN CLEANED 4460 LF
- SERVICE LATERALS CLEANED 565 LF
- SERVICE CALLS 99
- LOCATES 191

- SERVICE AND MAINTAINED ALL 21 LIFT STATIONS 2 TIMES PER WEEK
- INSPECTED ALL AERIAL SEWERS ONE TIME
- INSPECTED HIGH PRIORITY MANHOLES WEEKLY
- HELPED PUBLIC WORKS CLEAN STORM DRAIN ISSUES DURING EVERY RAIN FALL EVENT.

Major Expenses for the Month of December

1. Lot of repair work done to Vac Truck.
2. Many large main breaks in down town.

Personnel Updates

None

Upcoming Projects for the Month of January

1. Donald will be replacing more fire hydrants.
2. Corbett will be starting Alleyway work.



MONTHLY WATER LOSS REPORT

December 2023

(9) - Meters with slow washer leaks

$\frac{3}{4}$ " Line, $\frac{1}{8}$ " hole, 1day

1" Line, Full Shear, 4Hrs

1 $\frac{1}{2}$ " Line, $\frac{1}{8}$ " hole, 2Hrs

(2) 2" Line, Full Shear, 1 day

2" Line, $\frac{1}{2}$ " hole, 1 day

6" Line, Full Shear, 6Hrs

Smithfield Water Plant
Distribution Sampling Site Plan

Hydrant Flushing

Street Name	Date	Chlorine	Time	Gallons	Psi	Street Name	Date	Chlorine	Time	Gallons	PSI
Stephson Drive	12/20/23	3	15	7965	10	North Street	12/21/23	3.4	15	17820	40
Computer Drive	12/20/23	3	15	31860	10	West Street	12/21/23	3.4	15	78030	50
Castle Drive	12/20/23	3	15	7965	10	Regency Drive	12/21/23	2.8	15	63720	60
Parkway Drive	12/20/23	3	15	63720	40	Randers Court	12/21/23	1	15	15930	40
Garner Drive	12/20/23	3	15	63723	40	Noble Street	12/21/23	3.2	15	15930	40
Hwy 210 LIFT ST.	12/20/23	3	15	15930	40	Fieldale Dr#1(L)	12/21/23	2.8	15	63720	40
Skyland Drive	12/20/23	3	15	7965	10	Fieldale Dr#2(R)	12/21/23	3	15	63720	40
Bradford Street	12/20/23	3	15	15930	10	Heather Court	12/21/23	3.4	15	15930	40
Kellie Drive	12/20/23	3	15	7965	10	Reeding Place	12/21/23	3.2	15	15930	40
Edgewater	12/20/23	3	15	7965	10	East Street	12/21/23	2.2	15	63720	40
Edgecombe	12/21/23	3	15	15930	40	Smith Street	12/21/23	3.2	15	63720	40
Valley Wood	12/21/23	3	15	63720	40	Wellons Street	12/21/23	3.2	15	63720	40
Creek Wood	12/21/23	3	15	63720	40	Kay Drive	12/20/23	3	15	38985	15
White Oak Drive	12/21/23	3	15	7965	10	Huntington Place	12/20/23	2.8	15	38985	15
Brookwood Drive	12/21/23	3	15	22515	5	N. Lakeside Drive	12/20/23	2.8	15	9750	15
Runneymede Place	12/21/23	3	15	31860	10	Cypress Point	12/20/23	3	15	34890	12
Nottingham Place	12/21/23	3	15	38985	10	Quail Run	12/20/23	3	15	8715	12
Heritage Drive	12/21/23	3	15	38985	10	British Court	12/20/23	3.4	15	8715	12
Noble Plaza #1	12/21/23	2.8	15	9750	10	Tyler Street	12/20/23	3	15	78030	60
Noble Plaza #2	12/21/23	2.8	15	9750	10	Yelverton Road	12/20/23	3	15	63720	40
Pinecrest Street	12/21/23	3	15	19500	10	Ava Gardner	12/28/23	3	15	63720	40
S. Sussex Drive	12/21/23	3	15	31860	10	Waddell Drive	12/28/23	2.5	15	7965	10
Elm Drive	12/21/23	3	15	9750	10	Henly Place	12/28/23	2.5	15	8715	12
						Birch Street	12/28/23	3.4	15	34890	12
Coor Farm Supply	12/21/23	2	15	7965	10	Pine Street	12/28/23	3.2	15	38985	15
Old Goldsboro Rd,	12/21/23	3	15	7965	10	Oak Drive	12/28/23	3.2	15	37695	14
Hillcrest Drive	12/20/23	3.2	15	31860	10	Cedar Drive	12/28/23	3.2	15	31860	10
Eason Street	12/20/23	3.4	15	38985	40	Aspen Drive	12/28/23	3.4	15	34890	12
Magnolia circle	12/20/23	2.5	15	78030	40	Furlonge Street	12/28/23	3	15	34890	12
Rainbow Drive	12/20/23	2.5	15	19500	60	Golden Corral	12/28/23	33.2	15	40290	16
Rainbow Circle	12/20/23	2.5	15	19500	60	Holland Drive	12/28/23	3	15	9750	15
Moonbeam Circle	12/21/23	2.5	15	19500	60	Davis Street	12/28/23	3.4	15	34890	12
Ray Drive	12/21/23	3	15	15930	60	Caroline Ave.	12/28/23	3	15	31860	10
Will Drive	12/21/23	3	15	63720	40	Johnston Street	12/28/23	3.4	15	38985	15
Michael Lane	12/21/23	3.2	15	63721	40	Ryans	12/28/23	3.4	90	9750	15
Ward Street	12/21/23	3.4	15	15930	40						

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