
AGENDA
CUMBERLAND COUNTY BOARD OF COMMISSIONERS
SPECIAL MEETING
JUDGE E. MAURICE BRASWELL CUMBERLAND COUNTY
COURTHOUSE - ROOM 118
JULY 18, 2022
6:00 PM

INVOCATION

PLEDGE OF ALLEGIANCE -

1. APPROVAL OF AGENDA
2. PRESENTATIONS
 - A. Cumberland County Water Districts
3. ITEMS OF BUSINESS
 - A. Consideration of Organization Action Resolution for Gray's Creek Water and Sewer District
 - B. Consideration of Holding a Public Hearing for the Purpose of Receiving Comments from the Property Owners in the Proposed Cedar Creek Water and Sewer District
 - C. Consideration of Holding a Public Hearing for the Purpose of Receiving Comments from the Property Owners in the Proposed East Central Water and Sewer District
 - D. Consideration of Approval of New Position in the Public Utility Department
4. RECESS THE BOARD OF COMMISSIONERS' MEETING
5. CONVENE THE GRAY'S CREEK WATER AND SEWER DISTRICT GOVERNING BOARD MEETING
6. GRAY'S CREEK WATER AND SEWER DISTRICT GOVERNING BOARD ITEMS OF BUSINESS
 - A. Consideration of Organization Action Resolution for Gray's Creek Water and Sewer District
7. ADJOURN THE GRAY'S CREEK WATER AND SEWER DISTRICT GOVERNING BOARD MEETING
8. RECONVENE THE REGULAR BOARD OF COMMISSIONERS MEETING
9. CLOSED SESSION: If Needed

ADJOURN

WATCH THE MEETING LIVE

THIS MEETING WILL BE STREAMED LIVE THROUGH THE COUNTY'S

WEBSITE, www.cumberlandcountync.gov. LOOK FOR THE LINK AT THE TOP OF THE HOMEPAGE.

THE MEETING WILL ALSO BE BROADCAST LIVE ON CCNC-TV SPECTRUM CHANNEL 5



OFFICE OF THE COUNTY MANAGER

MEMORANDUM FOR BOARD OF COMMISSIONERS AGENDA OF JULY 18, 2022

TO: BOARD OF COUNTY COMMISSIONERS

FROM: AMY H. CANNON, COUNTY MANAGER

DATE: 7/13/2022

SUBJECT: CUMBERLAND COUNTY WATER DISTRICTS

BACKGROUND

County management will provide information on existing and proposed new water and sewer districts.

RECOMMENDATION / PROPOSED ACTION

Consider the items of business outlined in the presentation.

ATTACHMENTS:

Description	Type
Cumberland County Water Districts presentation	Backup Material

Cumberland County Water Districts

Special Meeting
Board of County Commissioners
July 18, 2022

Overview

- Introductions
- History
- Gray's Creek Water and Sewer District and Organization Action Resolution Request
- Creation of Two New Water and Sewer Districts
- Water Supply Sources
- Next Steps

History

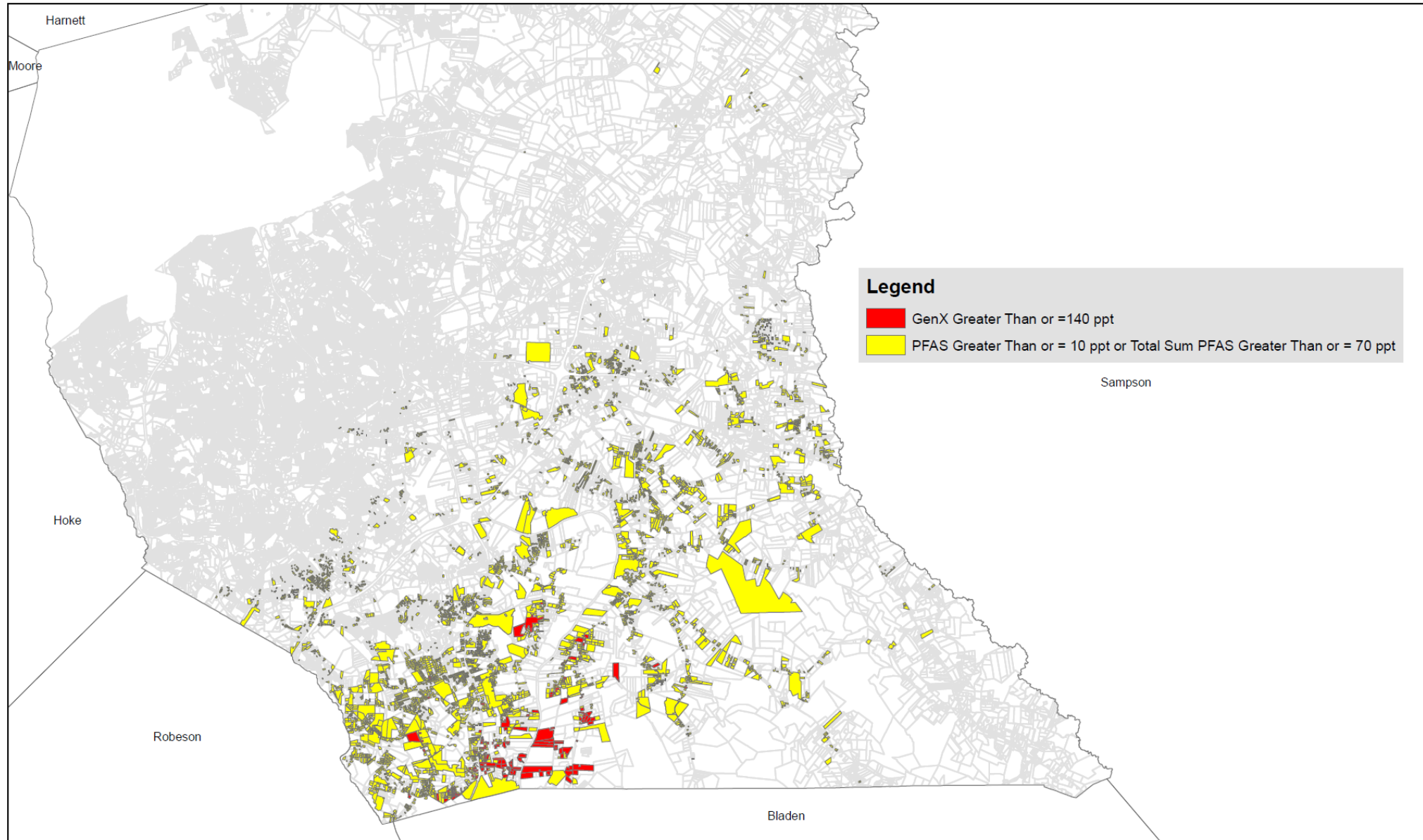
- 2002 Linden and Vander Water and Sewer Districts created
- 2009 Gray's Creek Water and Sewer District created, part of masterplan for developing countywide water system
- 2011 Gray's Creek Water System referendum failed
- 2017 GenX discovered in the Cape Fear River
- 2019 Consent Order between NCDEQ, Cape Fear River Watch and Chemours
- 2022 County unable to secure a commitment from Chemours to assist with water district construction

History

- March 2022 County filed lawsuit against Chemours. Process may take several years.
- June 2022 New EPA Health Advisories announced. Estimated 1,300 additional private well users in Cumberland County will be eligible for whole building filtration or public water connection.

EPA also announced the Emerging Contaminants in Small or Disadvantaged Communities grants from the Bipartisan Infrastructure Law

Contamination Map



Gray's Creek District

- Funding allocated - \$21M by Cumberland County
 - \$10M County ARPA
 - \$10M County Capital Investment Fund
 - \$ 1M Cumberland County Schools for Phase 1
- Other potential sources of federal funding
 - Drinking Water SRF
 - State grants
 - USDA
 - Previously mentioned EPA grants

Gray's Creek District – Phase 1

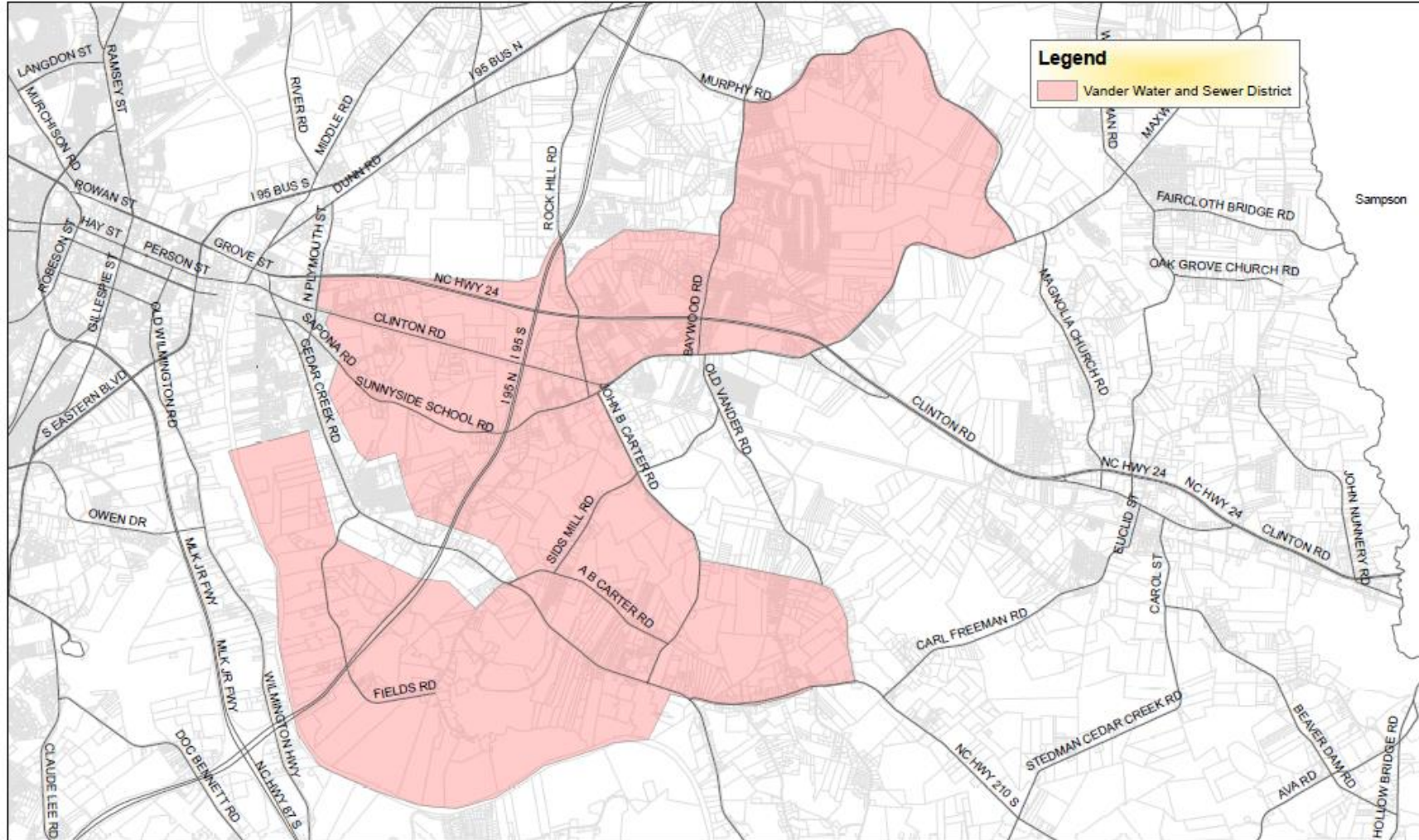
- Approve Organization Action Resolution granting chairman and County manager authority to execute applications, certifications, resolution or other documents
- Encroachment agreements, easements, permitting, bid preparation
- Bulk water agreement with PWC
- Communications plan and community meetings for early sign up

Addressing contamination beyond Gray's Creek

- Determine feasibility of providing water to rural residents with contaminated wells through water districts
- Prioritize districts based on contamination levels
- Create two new water and sewer districts - Cedar Creek and East Central Districts
- Explore feasibility of serving the existing Vander District
- Ensure districts are financially viable

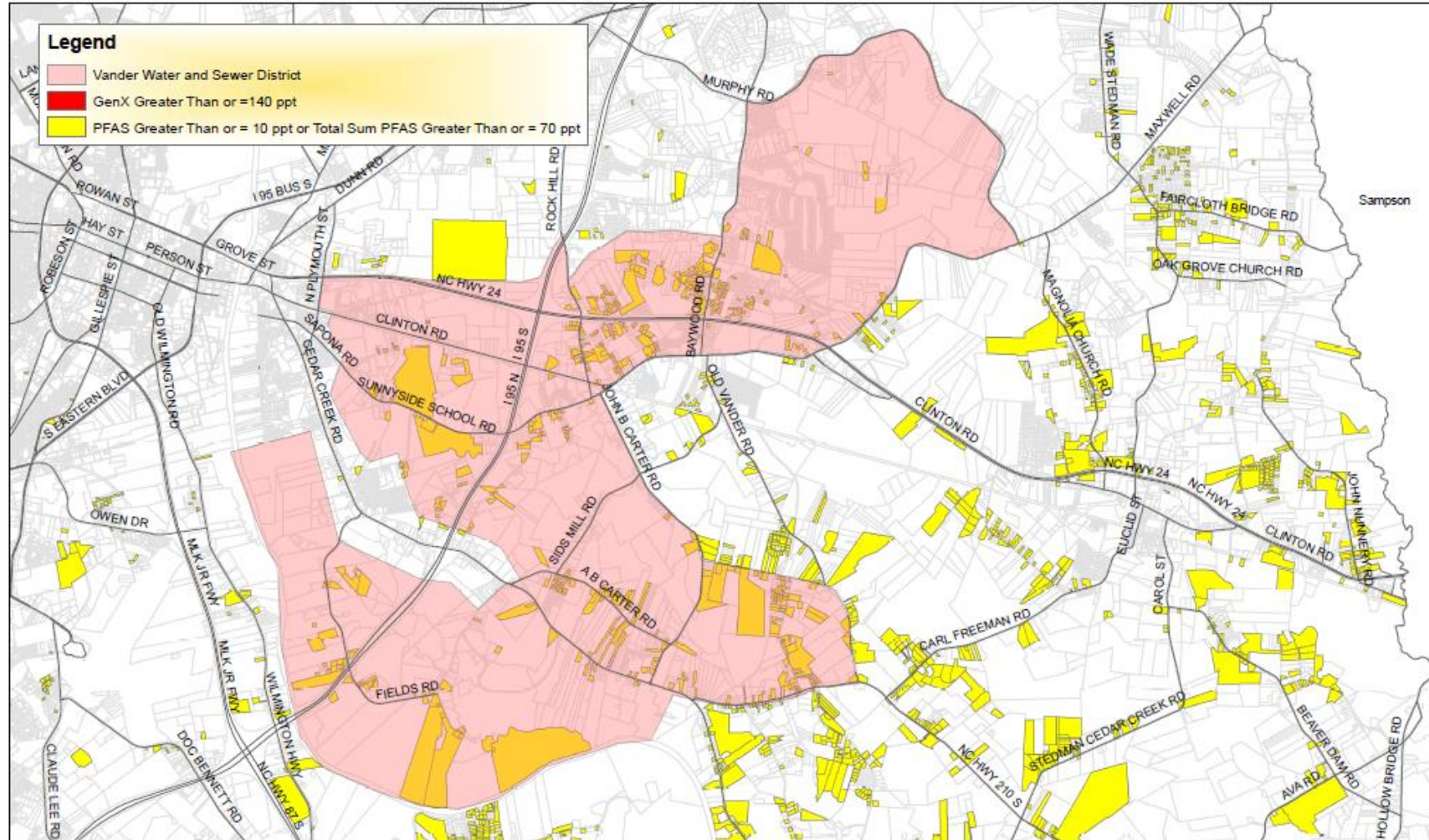
Vander Water and Sewer District

Vander Water and Sewer District

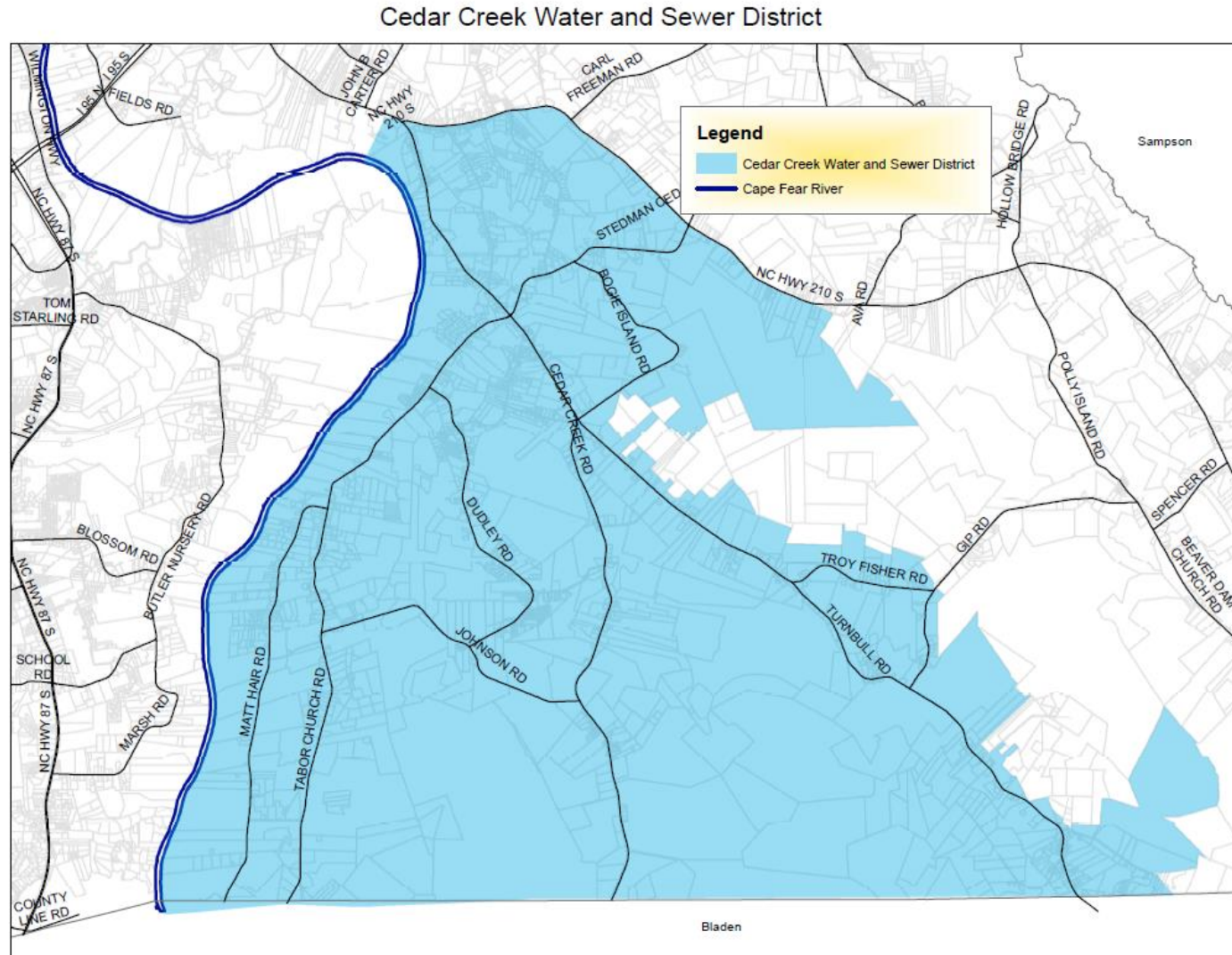


Vander Water and Sewer District

Vander Water and Sewer District with Contamination

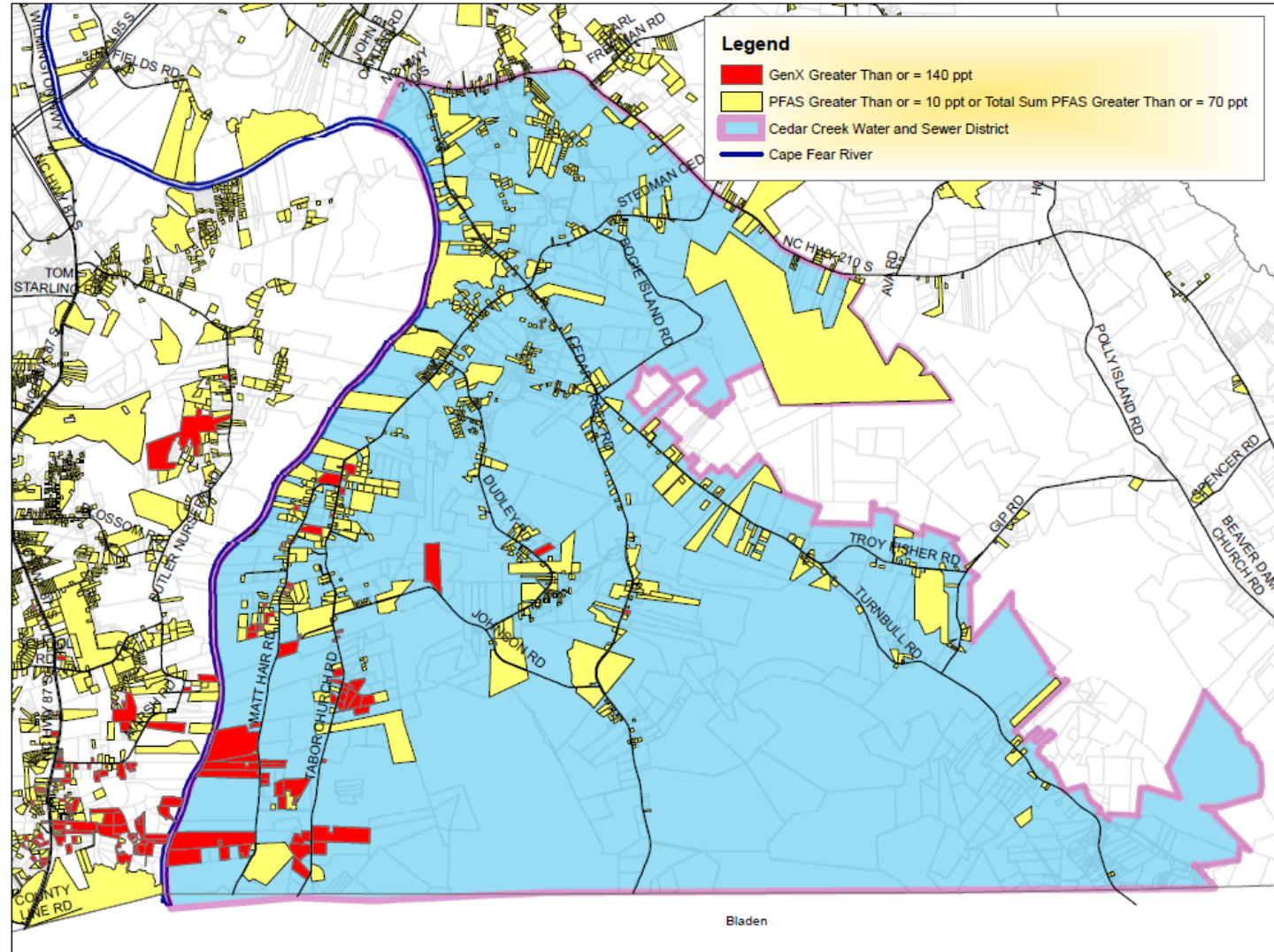


Cedar Creek Water and Sewer District



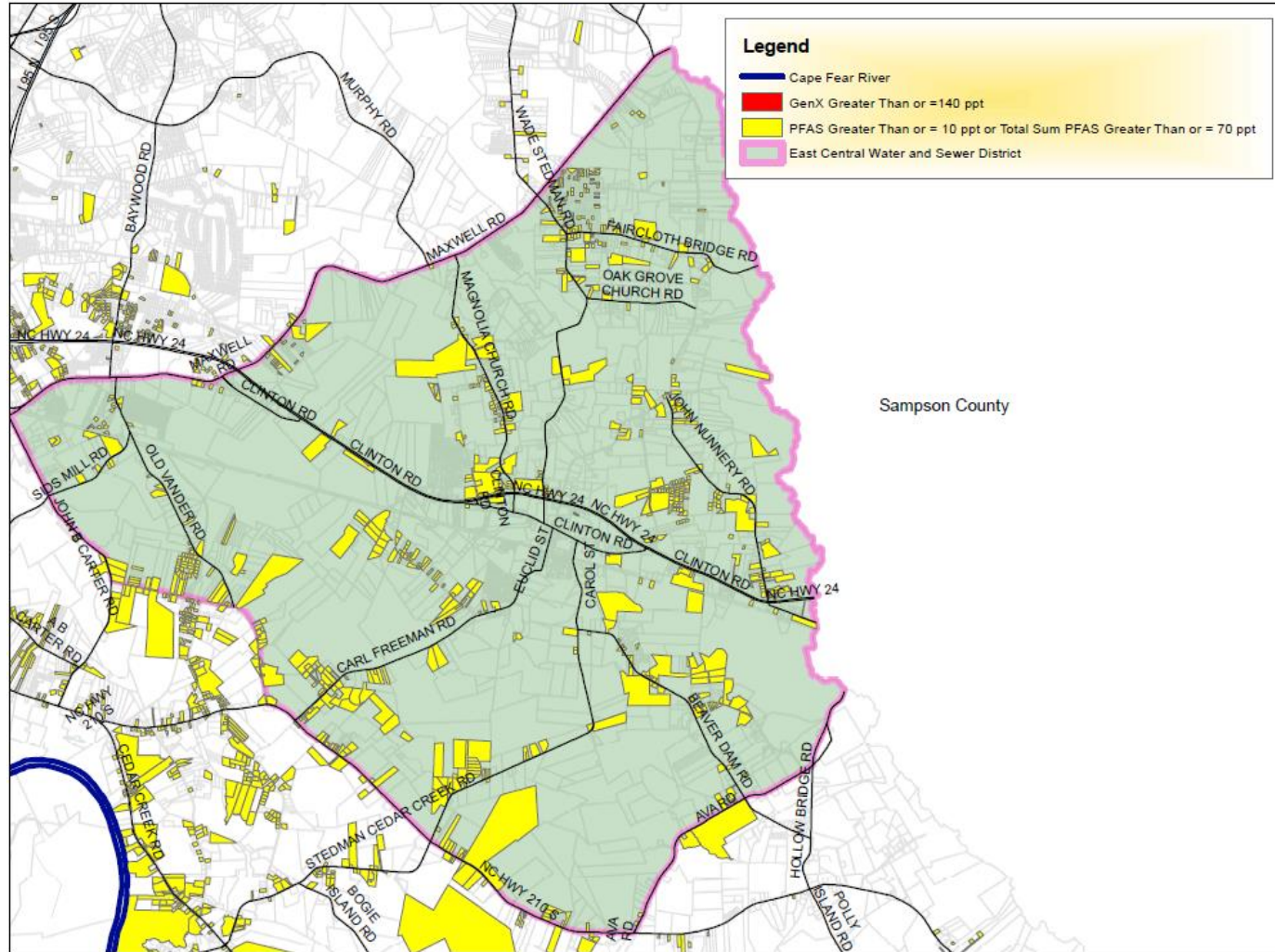
Cedar Creek Water and Sewer District

Cedar Creek Water and Sewer District with Contamination

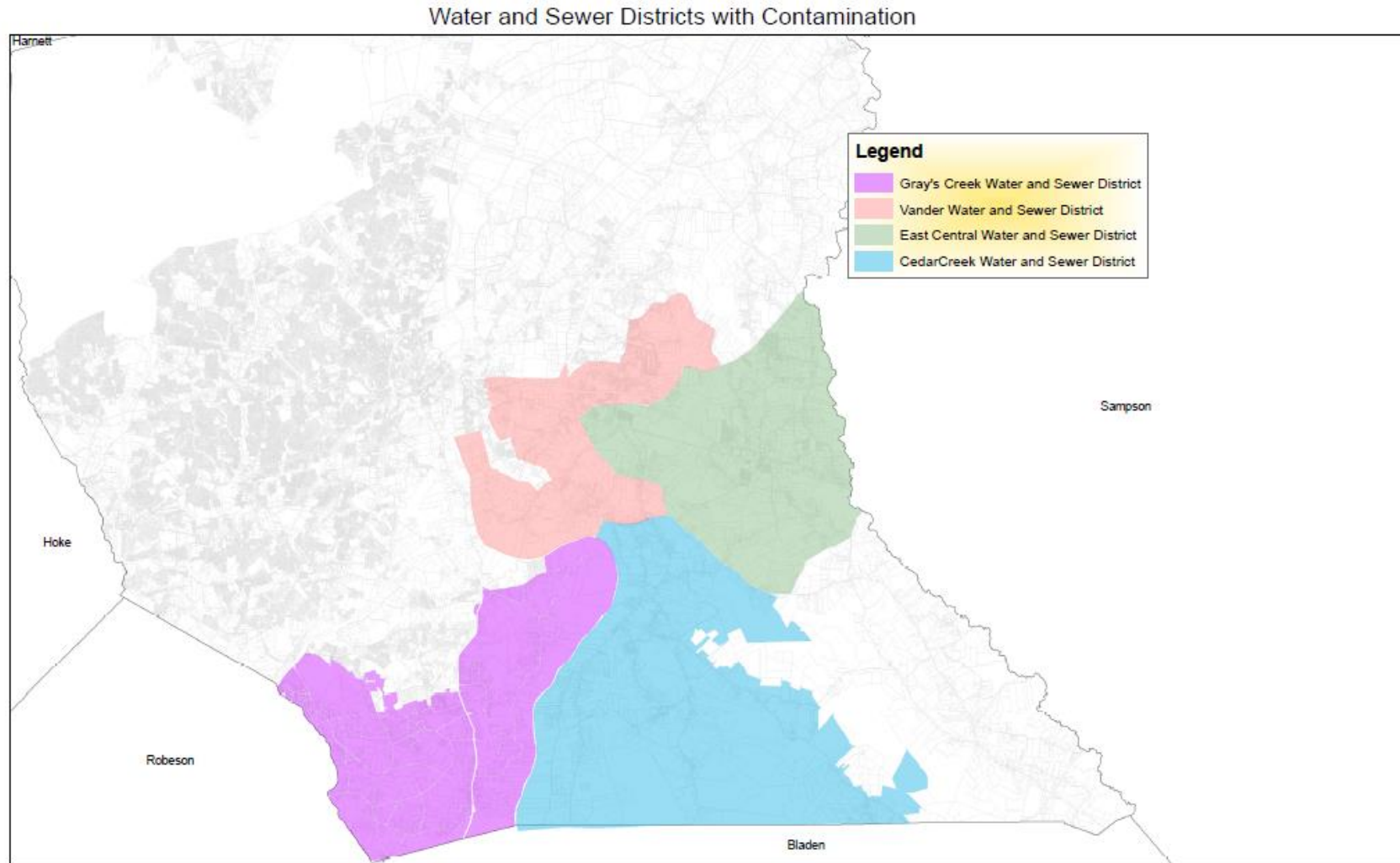


East Central Water and Sewer District

East Central Water and Sewer District with Contamination

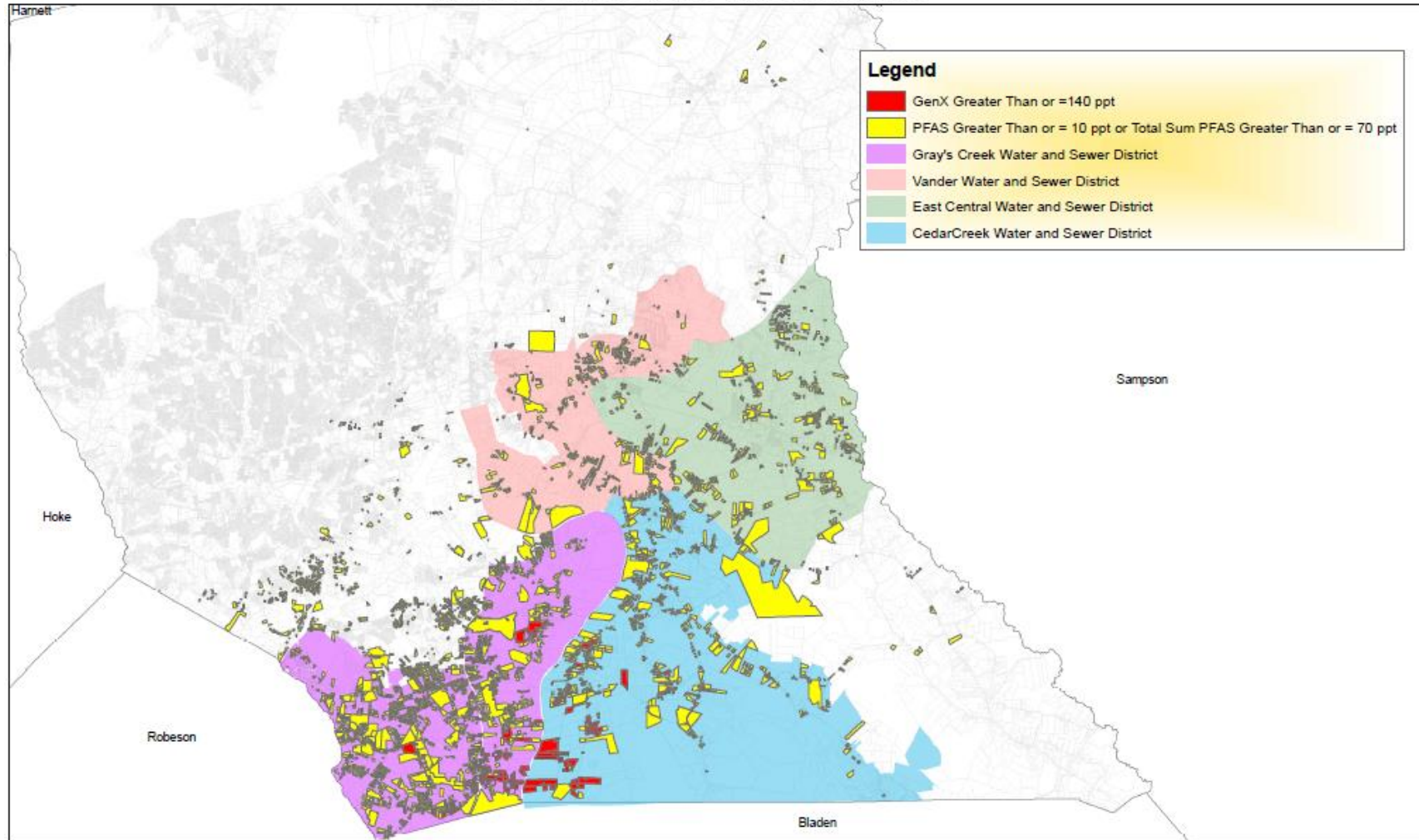


Overview of Water and Sewer Districts



Overview of Water and Sewer Districts

Water and Sewer Districts with Contamination



Process to determine citizen interest/feasibility

- Early sign-up is critical
- Customer participation level will determine economic feasibility of developing a water service system
- Explore funding options
- Individual water and sewer districts may obtain loan and/or grant funding for constructing and/or extending water and sewer systems

Water supply sources for districts

- PWC - The County has an existing bulk water agreement
- Other sources - County is exploring other water sources including confined aquifers that are deeper than the surficial aquifer that many existing wells already use
- Regardless of the water source, the County will add additional treatment as necessary for the removal of PFAS
- The finished water sold by the County will meet all the requirements of the EPA as required by the Federal Safe Drinking Water Act

Next Steps

- Consider the creation of two new districts
- Consider holding a public hearing on August 15 at 6:45 p.m. regarding the creation of the water and sewer districts
- Fall funding deadline is September 30
- Districts would submit separate funding applications

Next Steps

- Open a canvassing period to determine the level of interest and where it will be most feasible to serve water in the other phases of Gray's Creek, the proposed two new districts and Vander
- Allow people to sign up at reduced tap fee during the canvassing period
- Based on taps purchased during this period, County will conduct preliminary engineering reports to determine the final costs for the customer

State Hosting Community Meeting

- NCDEQ will host a community meeting to share information and answer questions about how the EPA health advisory for GenX impacts private drinking well sampling in Cumberland, Bladen, Sampson and Robeson counties
- July 26, 6 p.m. Crown Theatre
- Registration opens at 5:30 p.m.



CUMBERLAND
COUNTY

NORTH CAROLINA



ENGINEERING AND INFRASTRUCTURE DEPARTMENT

MEMORANDUM FOR BOARD OF COMMISSIONERS AGENDA OF JULY 18, 2022

TO: BOARD OF COUNTY COMMISSIONERS

FROM: AMY H. CANNON, COUNTY MANAGER

DATE: 7/11/2022

**SUBJECT: CONSIDERATION OF ORGANIZATION ACTION RESOLUTION FOR
GRAY'S CREEK WATER AND SEWER DISTRICT**

BACKGROUND

The Public Utilities Department is working with a design engineer on Phase-I of a project that will extend public water to Gray's Creek Elementary and Alderman Road Elementary. This process has various forms and certifications that require signature authorization in order to implement the project. To help this process move along without delay, we are requesting the approval of the attached resolution adopting the County's Code of Ethics revised by the Board on April 18, 2022, adopting the County's Minority/Disadvantaged Business Contracting Goals, and giving the Chairman or County Manager the authority to execute these documents.

RECOMMENDATION / PROPOSED ACTION

Staff recommends the Board of Commissioners approve the attached Organization Action Resolution.

ATTACHMENTS:

Description	Type
Organization Action Resolution Gray's Creek Water and Sewer District	Backup Material

**RESOLUTION OF THE GRAY'S CREEK WATER AND SEWER DISTRICT
TAKING ORGANIZATIONAL ACTION**

WHEREAS, the Cumberland County Board of Commissioners has established the Gray's Creek Water and Sewer District (The "District"); and

WHEREAS, the Board of Commissioners is the governing board of the District (the "Board"),

NOW, THEREFORE, BE IT RESOLVED by the Board as follows:

1. The Chairman, Vice-Chairman and Clerk from time to time of the Cumberland County Board of Commissioners and the County Finance Officer shall be, respectively, the Chairman, Vice-Chairman and the Clerk of the Board and the Finance Officer of the District.
2. The Board adopts the Cumberland County Code of Ethics, last revised by the Cumberland County Board of Commissioners April 18, 2022, as it may be revised or amended from time to time, as the code of ethics of the District, to be referenced as the Gray's Creek Water and Sewer District Code of Ethics.
3. The Board hereby adopts as its Minority/Disadvantaged Business Contracting Goals the Minority/Disadvantaged Business Contracting Goals of Cumberland County, as from time to time in effect.
4. The Board authorizes the Chairman or the County Manager from time to time to execute, acknowledge, and deliver any and all applications, certifications, resolutions, or other documents which either may deem necessary or desirable relating to any grant, loan, note, bond or other financing for the project, including, without limitation, to the North Carolina Local Government Commission, the US Department of Agriculture-Rural Development Commission, or any other State or Federal agency.
5. This resolution shall be effective upon its adoption as by law provided.

Adopted this 18th day of July 2022.

Glenn Adams
Chairman

Candice White
Clerk



ENGINEERING AND INFRASTRUCTURE DEPARTMENT

MEMORANDUM FOR BOARD OF COMMISSIONERS AGENDA OF JULY 18, 2022

TO: BOARD OF COUNTY COMMISSIONERS

FROM: AMY H. CANNON, COUNTY MANAGER

DATE: 7/11/2022

SUBJECT: CONSIDERATION OF HOLDING A PUBLIC HEARING FOR THE PURPOSE OF RECEIVING COMMENTS FROM THE PROPERTY OWNERS IN THE PROPOSED CEDAR CREEK WATER AND SEWER DISTRICT

BACKGROUND

The Public Utilities Department is requesting that the Board of Commissioners establish a Water and Sewer District for the Cedar Creek area for the purpose of applying for water service extension grants and low interest rate loans. The Cedar Creek community is experiencing a high number of wells that are testing positive for contamination.

The first step in this process is to hold a public hearing pursuant to North Carolina General Statute 162A-86, to receive comments from the public.

The Cedar Creek area is described with a boundary on the attached map.

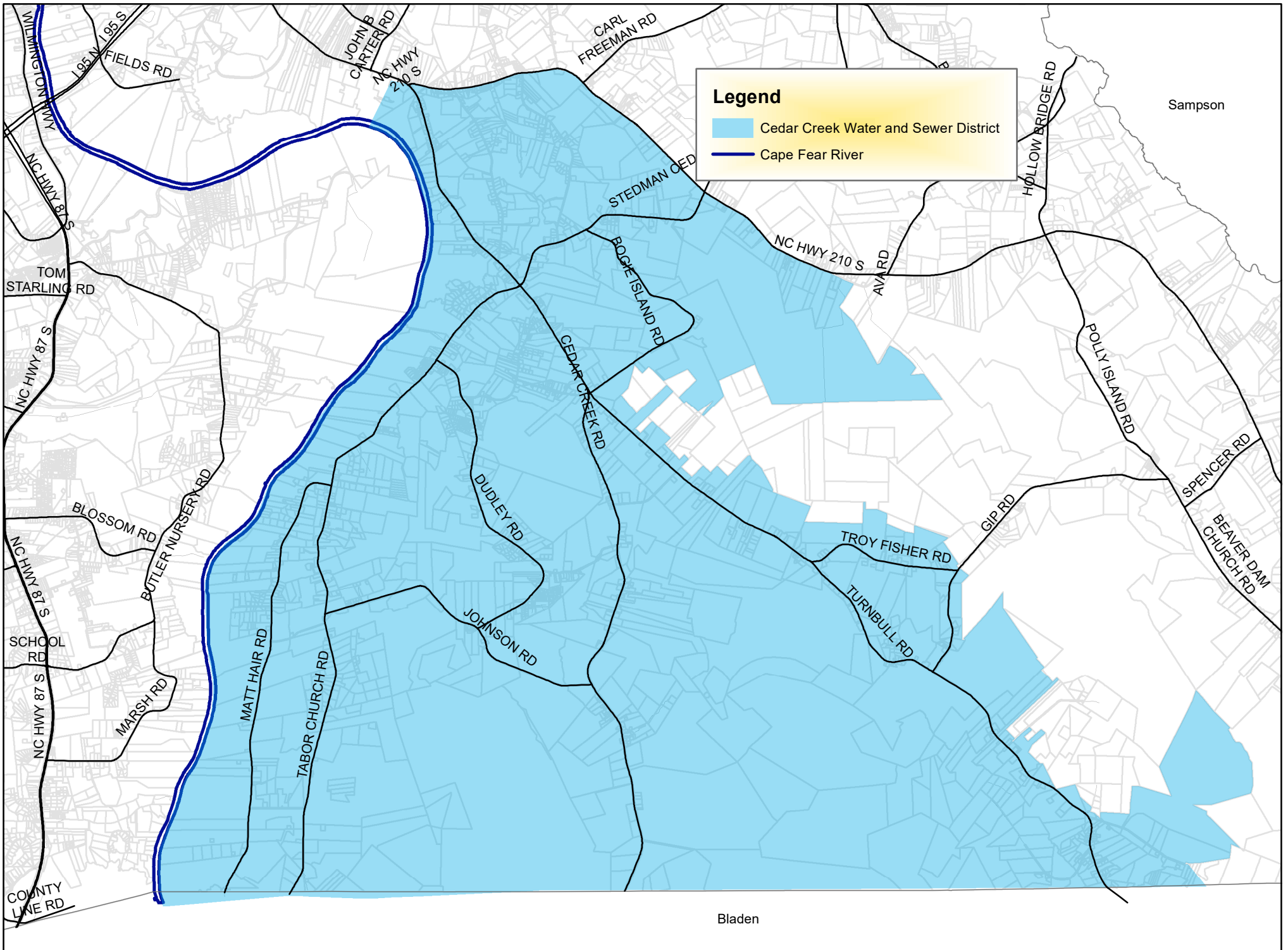
RECOMMENDATION / PROPOSED ACTION

Staff recommends the Board of Commissioners set a Public Hearing for August 15, 2022 at 6:45pm during the Commissioners regularly scheduled meeting.

ATTACHMENTS:

Description	Type
Cedar Creek Water and Sewer District Boundary	Backup Material

Cedar Creek Water and Sewer District





ENGINEERING AND INFRASTRUCTURE DEPARTMENT

MEMORANDUM FOR BOARD OF COMMISSIONERS AGENDA OF JULY 18, 2022

TO: BOARD OF COUNTY COMMISSIONERS

FROM: AMY H. CANNON, COUNTY MANAGER

DATE: 7/11/2022

SUBJECT: CONSIDERATION OF HOLDING A PUBLIC HEARING FOR THE PURPOSE OF RECEIVING COMMENTS FROM THE PROPERTY OWNERS IN THE PROPOSED EAST CENTRAL WATER AND SEWER DISTRICT

BACKGROUND

The Public Utilities Department is requesting that the Board of Commissioners establish a Water and Sewer District for the East Central area for the purpose of applying for water service extension grants and low interest rate loans. The East Central community is experiencing a high number of wells that are testing positive for contamination.

The first step in this process is to hold a public hearing pursuant to North Carolina General Statute 162A-86 and receive comments from the public.

The East Central area is described with a boundary on the attached map.

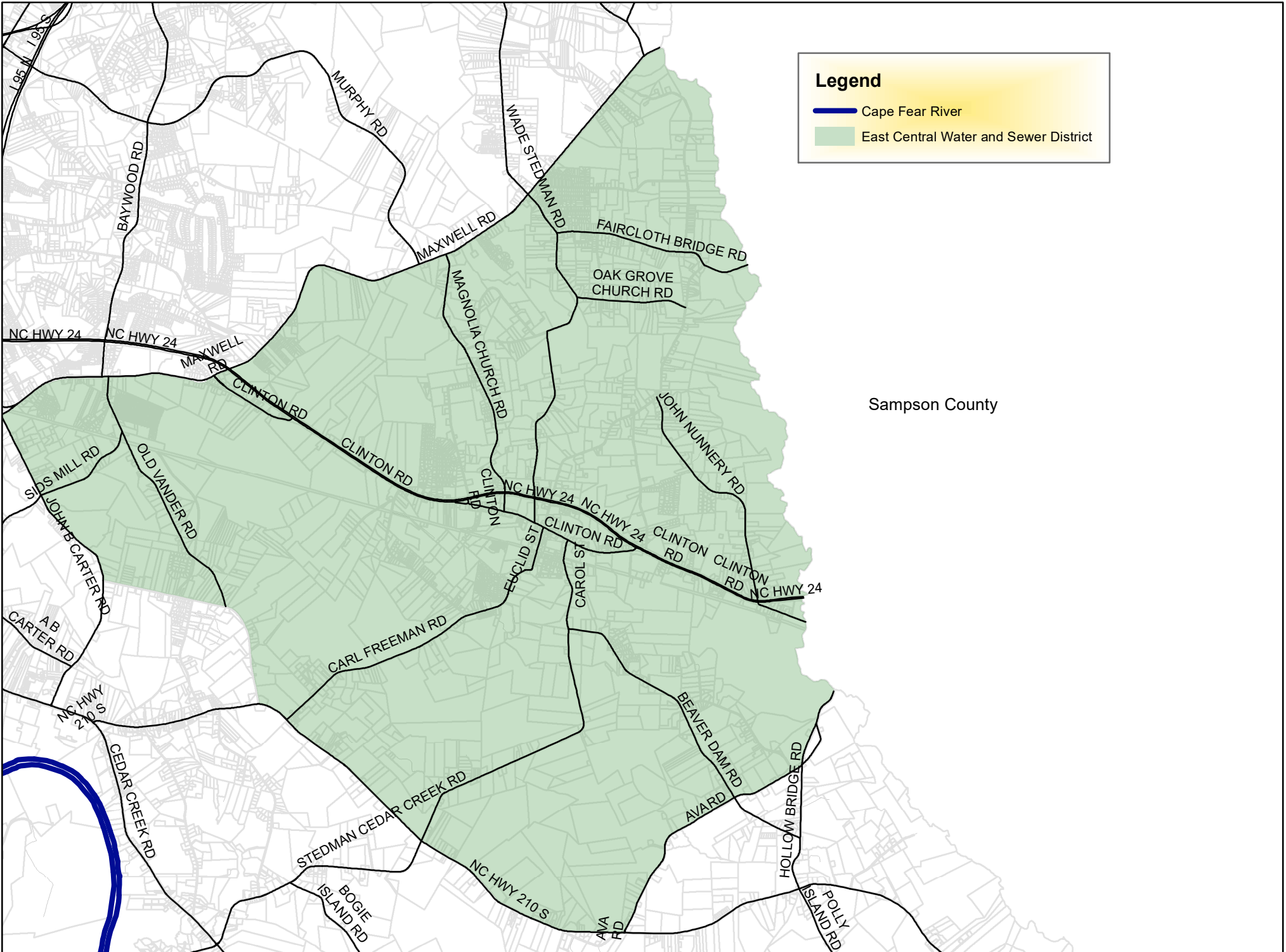
RECOMMENDATION / PROPOSED ACTION

Staff recommends the Board of Commissioners set a Public Hearing for August 15, 2022 at 6:45pm during the Commissioners regularly scheduled meeting.



ATTACHMENTS:

Description	Type
East Central Water and Sewer District Boundary Map	Backup Material

East Central Water and Sewer District



Legend

-  Cape Fear River
-  East Central Water and Sewer District

Sampson County



OFFICE OF THE COUNTY MANAGER

MEMORANDUM FOR BOARD OF COMMISSIONERS AGENDA OF JULY 18, 2022

TO: BOARD OF COUNTY COMMISSIONERS

FROM: AMY H. CANNON, COUNTY MANAGER

DATE: 7/13/2022

SUBJECT: CONSIDERATION OF APPROVAL OF NEW POSITION IN THE PUBLIC UTILITY DEPARTMENT

BACKGROUND

The Public Utilities Department has one full-time position, a Public Utilities Specialist that is responsible for all functions of four Water and Sewer Districts. Those district systems are as follows:

Norcross Sewer System

Overhills Park Sewer System

Kelly Hills Sewer System

Southpoint Water System in the Gray's Creek District

This position conducts the meter reading, billing and collection functions, installation of meters and elder valves, required water sampling and smoke testing as needed. With the development of Phase I in Gray's Creek and the exploration of water source solutions in existing and new districts, additional staff is needed. Based upon the technical expertise required in advancing these initiatives, management recommends the establishment of a Water Resource Engineer position, through funding previously allocated for Gray's Creek.

RECOMMENDATION / PROPOSED ACTION

Management requests the Board of Commissioners consider the establishment of a Water Resource Engineer position in the Public Utilities Department.



ENGINEERING AND INFRASTRUCTURE DEPARTMENT

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RECOMMENDATION / PROPOSED ACTION

Staff requests the Gray's Creek Water and Sewer Governing Board approve the attached Organization Action Resolution.

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5. This resolution shall be effective upon its adoption as by law provided.

Adopted this 18th day of July 2022.

Glenn Adams
Chairman

Candice White
Clerk