



Chatham County, NC

Meeting Agenda - Final

Board of Commissioners

Monday, May 16, 2022

3:00 PM

Historic Courthouse Courtroom

Budget Public Hearing

Work Session - 3:00 PM - Historic Courthouse Courtroom

PUBLIC INPUT SESSION

The Public Input Session is held to give citizens an opportunity to speak on any item. The session is no more than thirty minutes long to allow as many as possible to speak. Speakers are limited to no more than three minutes each and may not give their time to another speaker. Speakers are required to sign up in advance. Individuals who wish to speak but cannot because of time constraints will be carried to the next meeting and given priority. We apologize for the tight time restrictions. They are necessary to ensure that we complete our business. If you have insufficient time to finish your presentation, we welcome your comments in writing.

SPECIAL PRESENTATION

- [22-4292](#) Recognition of recent County retirees
- [22-4294](#) Recognize Chatham County Director of Social Services Jennie Kristiansen for being named the 2022 Director of the Year by the NC Association of County Directors of Social Services (NCACDSS).

BOARD PRIORITIES

- [22-4289](#) Receive update from Wastewater Study Commission for Northeast Chatham County and discuss next steps.
- Attachments: [Wastewater Study Commission May 16 2022 - Final](#)

RECESS

End of Work Session

Regular Session - 6:00 PM - Historic Courthouse Courtroom

INVOCATION and PLEDGE OF ALLEGIANCE

CALL TO ORDER**APPROVAL OF AGENDA and CONSENT AGENDA**

The Board of Commissioners uses a Consent Agenda to act on non-controversial routine items quickly. The Consent Agenda is acted upon by one motion and vote of the Board. Items may be removed from the Consent Agenda and placed on the Regular Agenda at the request of a Board member or citizen. The Consent Agenda contains the following items:

- [22-4211](#) Vote on a quasi-judicial request to approve a Special Use Permit requested by Chatham County Facilities and Construction for a new EMS station to be located on Parcel No. 62221 (2.3 acres) and 94711 (.69 acres), 9251 US 15-501 N, Baldwin Township.
Attachments: [More information from the Planning department website](#)
- [22-4271](#) Vote on a request to approve Pyrotechnic display at The Governors Club located at 11000 Governors Dr. Chapel Hill NC 27516 during a celebration on July 4, 2022
Attachments: [Attachment A-N.C.G.S 14-410 and 14-413](#)
[Attachment B - Pyrotechnics Request](#)
[Bellings Operators License](#)
[Governors Club Insurance Cert Wed Apr 6 2022 12-15-46](#)
[Show Layout - Governors Club Wed Apr 6 2022 14-16-28](#)
[Signed License - 3-19-21 Wed Apr 6 2022 12-16-26](#)
- [22-4272](#) Vote on a Request to Approve a Pyrotechnics Display at the Governors Club, 11000 Club Dr. Chapel Hill 27517, on July 4, 2022.
Attachments: [Attachment A - N.C.G.S. Pyrotechnic Displays](#)
[Attachment B - Pyrotechnic Display Request Gov. Club 2022](#)
[Attachment C - Bellings Pyrotechnic License 2022](#)
[Attachment D - Pioneer Certificate of Insurance 2022](#)
[Attachment E - Pioneer ATF License 2022](#)
[Attachment F - Gov. Club Site Plan 2022](#)
- [22-4273](#) Vote on a request to approve Fiscal Year 2021-2022 Budget Amendments
Attachments: [Budget Amendment 2021-2022 May](#)

[22-4278](#) Vote on a request to adopt a Resolution Approving Chatham County Entering into Phase IX of the Triangle Area Water Supply Monitoring Project (TAWSMP) Interlocal Agreement and authorize the county manager to execute the agreement on behalf of the County.

Attachments: [Triangle Area Water Supply Monitoring Project Resolution](#)
[TAWSMP_ILA and TJCOG Agreement IxDraft04272022 -](#)

[22-4279](#) Vote on a request to approve additional \$150,158 from the State of NC for a Low Income Household Energy Assistance Program (LIHWAP).

Attachments: [Additional LIHEAP](#)

[22-4280](#) Vote on a request to accept the offer in the amount of \$10,000 for real property in ownership of Chatham County located at 5618 Piney Grove Church Road, Siler City, NC 27344, with Parcel ID number 0064987 as authorized by the prescribed method of "negotiated offer, advertisement, and upset bids" process defined by NC General Statute 160A-269

[22-4285](#) Vote on a request to approve the naming of one (1) private road in Chatham County

Attachments: [Melvins Way Petition](#)
[MELVINS WAY](#)
[MELVINS WAY AREA MAP](#)

[22-4286](#) Vote on a request to approve Tax Releases and Refunds

Attachments: [April 2022 Release and Refund Report](#)
[April 2022 NCVTS Pending Refund Report](#)

[22-4287](#) Vote on a request to approve a contract with Xybix Systems Inc. in the amount of \$487,285.61 and authorize the County Manager to execute the agreement.

Attachments: [Xybix Systems and Chatham County EOC Contract 22773-23293 v1](#)

[22-4291](#) Vote on a Request to Approve a Contract Extension with Weiser Security Services, Inc. to Provide Attendants at Solid Waste and Recycling Collection Centers and authorize the county manager to execute the agreement on behalf of the County.

Attachments: [Weiser second amendment contractor signed](#)

[22-4297](#) A request to schedule a legislative public hearing on June 21, 2022 to rezone parcels 5601, 5368 and a portion of 85322.

Attachments: [2022.05.11_VB103_200-135_Proj Blue Rezoning-Duke\[2\]](#)
[2022.05.11_VB103_200-135_Proj Blue Rezoning-Gen Shale\[2\]](#)

End of Consent Agenda

SPECIAL PRESENTATION

- [22-4295](#) Vote on a request to adopt a Resolution Urging the State of North Carolina to Fulfill its Constitutional Duty to Provide Every Child Access to a Sound Basic Education

Attachments: [boc leandro resolution](#)

- [22-4298](#) Vote on a request to adopt a Resolution Supporting State Trail Designation for the Haw River Trail

Attachments: [Haw River Resolution](#)

PUBLIC INPUT SESSION

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PUBLIC HEARINGS

- [22-4290](#) Public Hearing to receive public comment on the FY 2022-2023 Recommended Budget

Attachments: [Recommended Budget Presentation--BOC Initial Presentation FY2023 Final](#)

- [22-4275](#) A quasi-judicial public hearing for a request by Chatham County Emergency Operations for a new 380-foot telecommunications tower to be located at 5410 Big Woods Rd, Northeast Park, Parcel 19573, in an area of approximately .275 acres of the 66-acre tract, Williams Township.

Attachments: [More information from the Planning department website](#)

- [22-4276](#) A legislative public hearing for a request by the Chatham County Manager to amend Attachment A, Permitted Uses, of the Watershed Protection Ordinance to add the following use - Wireless Telecommunication Towers.

Attachments: [More information from the Planning department website](#)

- [22-4277](#) A legislative public hearing for a request by the Chatham County Planning Department to consider amendments to the Chatham County Flood Damage Prevention Ordinance; specifically, Article 1 Section A Statutory Authorization, and Article 3 Section B Basis for Establishing the Areas of Special Flood Hazard.

Attachments: [More information from the Planning department website](#)

CLERK'S REPORT

MANAGER'S REPORT

COMMISSIONERS' REPORTS

ADJOURNMENT



Chatham County, NC

Text File

File Number: 22-4292

Agenda Date: 5/16/2022

Version: 1

Status: Work Session

In Control: Board of Commissioners

File Type: Agenda Item

Agenda Number:

Recognition of recent County retirees



Chatham County, NC

Text File

File Number: 22-4294

Agenda Date: 5/16/2022

Version: 1

Status: Work Session

In Control: Board of Commissioners

File Type: Agenda Item

Agenda Number:

Recognize Chatham County Director of Social Services Jennie Kristiansen for being named the 2022 Director of the Year by the NC Association of County Directors of Social Services (NCACDSS).



Chatham County, NC

Text File

File Number: 22-4289

Agenda Date: 5/16/2022

Version: 1

Status: Work Session

In Control: Board of Commissioners

File Type: Agenda Item

Receive update from Wastewater Study Commission for Northeast Chatham County and discuss next steps.



NE CHATHAM COUNTY WASTEWATER STUDY COMMISSION

STATUS REPORT TO CHATHAM COUNTY BOARD OF COMMISSIONERS
MAY 16, 2022

Introduction

NE Chatham Wastewater Study Commission Co-Chairs



Perry James



Liz Rolison



Scott Peck, PE

Study Commission Members

Perry James, co-chair

Scott Peck, co-chair

Liz Rolison, co-chair

Lee Bowman

Victor D'Amato

Francis DiGiano

James Flood

Halford House

David Moreau

Denise O'Gorman-Nowak

Robert Waldrop

Jason Welsch

Study Commission Member Characteristics Supporting Wastewater Services

Collectively, over 300 Years of diverse experience in components of the wastewater industry—

- ▶ Academic leaders in area of environmental science and wastewater management
- ▶ Experience in engineering of wastewater facility construction
- ▶ Involvement in the development of public and private wastewater systems
- ▶ Local Government management experience
- ▶ Financings of \$ hundreds of millions in water and sewer projects
- ▶ Experience in best practice utility partnering by public jurisdictions
- ▶ Leadership in current state efforts to assist viable utility system improvements
- ▶ Leadership over community engagement on wastewater issues

Objectives of Status Report

1. Review the “Problem Statement” approved by the Study Commission
2. Review the Study Commission’s Ten Potential Solutions
3. Identify Next Steps

Why Do We feel the Study Commission's Work is Important?

One of the major changes over the past 25 years is that nearly all counties provide services that once were only offered in towns or cities, such as recreation, water and sewer, and land use planning. Residents of incorporated areas in the county have generally come to expect that such services would be available, which has led to more and more counties initiating these services.

Chatham County Website



- ▶ Wastewater services are a **vital** utility that will impact the quality of life of this county for years to come
- ▶ The opportunity is **now**. Studying this vital utility for Northeast Chatham County is a 'once in a lifetime' opportunity for our diverse group to assess and advise the County on the best sustainable solutions to be considered
- ▶ To fail to achieve a sustainable wastewater system poses significant **risks** to the county - quality of service risks, environmental problems, economic risks, and even tax burdens from unbalanced commercial and residential representation

Problem Statement

Purpose of NE Chatham County Wastewater Study Commission

The proposal for the Wastewater Study Commission approved by the CCBOC in Sept 2021, describes our purpose as:

- Define the “problem” and hopes for the outcomes from the study
- Identify a list of options to explore.
- Identify additional information needed or desired.
- Reach consensus on information to be included in a Phase 1 final report that will capture the viable options to inform work on Phase 2.
- Development of final report and recommendations.

How was the Problem Statement Developed?

- During preparations for our 2nd meeting, the County's facilitator discussed an agenda item for our March 1st meeting:

“What are the problem(s) with wastewater in the Study Area the commission would like to address?”

- To prepare for that discussion:
 - Co-chairs developed a first draft of a Problem Statement that was sent out to each of the commission members for input and comment.
 - The Problem Statement was revised based on that feedback and sent to the County's facilitator as a starting point for the discussion.
- During the March 1st meeting - the Problem statement was discussed and then unanimously approved by the WWSC.

Problems/Issues with Current Strategy

- Of the 14 package plants in NE Chatham County:
 - 3 systems are regularly not meeting nutrient requirements for discharge
 - 3 systems are having capacity issues
 - 3 systems are approaching end of life for portions of their WWTP
 - 1 system has had 35 sewage spills
 - Management oversight is lacking in many of these facilities
- Average flow of current systems is 1 mgd, with projected growth/land availability we conservatively estimate a total capacity of 2-3 mgd by 2050.
- Root causes of these problems
 - Systems weren't designed for today's nutrient requirements for discharge.
 - Business model is not working:
 - Developers do not build WW facilities for the long term.
 - Private owners don't have incentive to invest in the system and staffing necessary to ensure quality operation and good management oversight.

Problem Statement

The growth in NE Chatham County is undeniable and Chatham County's current strategy for managing wastewater in this area is not sustainable long-term. To date, wastewater services have been provided either through privately owned package plants with limited treatment capacity that service the larger housing and commercial developments or by individual, often aging, residential onsite systems. The current approach has well documented problems and is not considered an adequate solution for the future. The NE Chatham County Wastewater Study Commission supports continued review of all options based upon smart growth principles, properly balanced residential and commercial property components, sound business practices and environmental sensitivity.

Key Points

- Statement identifies characteristics that we envision for a long term solution:
 - Reliable wastewater services that meet the needs of a balanced residential/commercial area as envisioned by the County Land Use planning efforts.
 - Comprehensive wastewater management practices to ensure quality management/oversight.
 - Potentially partnering with other jurisdictions, if feasible
 - Environmentally sensitive
 - Financially sound with costs spread over an adequate customer base to ensure financial stability.
- Key is identifying viable solutions that provide a long-term, sustainable strategy for NE Chatham County

NE Chatham County Potential Wastewater Solutions

Developed by NE Chatham County Wastewater Commission and listed in random order

Potential Solutions List

Current Situation

- Maintain Status Quo - Private package plants and septic systems

Interim Measures to Consider while LT Solution is Pursued

- Managed Decentralized systems - Responsible mgmt. entity (RME) oversees package systems
- Agricultural Use of Reclaimed Water - Partial solution to reduce discharge into creeks

Long-Term Solutions

- Expanded Town of Pittsboro system
- Extended Town of Sanford system
- Expanded Siler City system
- Extended OWASA system
- Extended South Durham system
- Extended Triangle (Durham County) system
- NE Chatham County Regional WW system

Interim vs. Long-Term

During our most recent Commission meeting, it was discussed that the ultimate solution likely involves a combination of items from this list. None are mutually exclusive.

Our mission is to identify sustainable, long-term solutions for your consideration. Knowing that completion of a long-term solution will take time, we have also identified some interim measures that could help respond to current problems and enable a smoother transition to the long-term option.

We've challenged ourselves to consider:

- What options offer the “best” long-term solution for Chatham County.
- What can be done now to improve the performance of wastewater systems in this area and reduce NC DEQ violations?
- What actions could be implemented within a few years that would provide a responsible alternative in the interim?

- This list is only a starting point.
- This list is intended to guide our efforts for Education and Information Collection to allow a very high-level evaluation of feasibilities and benefits.
- As the Commission progresses, it is our intent to use the available information to eliminate any ideas that do not appear to be feasible and prioritize those that we would like to recommend to the Board for further evaluation during Phase 2 of the Study.

Approach for High-Level Assessment of Options

During the April 25th Study Commission meeting the Commission members and the County Manager agreed on an approach to gain further understanding about the feasibility of the options listed.

- i. Study Commission developed a list of questions
- ii. The County Manager will provide feedback and insight as available from current experiences
- iii. The County Manager will take questions to appropriate public entities, along with two members of the commission, to gather information and answers. This information will be brought back and shared with the group.
- iv. This information will be used in Meeting 5 to refine the list of potential solutions and finalize recommendation for Phase II.

Summary and Next Steps

Summary Points

- ▶ Early agreement on the wastewater problems faced in the northeast area of Chatham County
- ▶ Ten potential solutions evolved from Commission efforts
 - ▶ Transitional options
 - ▶ Sustainable, longer-term solutions
- ▶ Commission desire to gather further information to enable informed “high level” assessment of most feasible solutions to recommend
 - ▶ Agreement with County Administration to jointly engage with key public jurisdictions viewed as potential partners: Town of Pittsboro, Town of Sanford, City of Durham, Town of Siler City, OWASA

Summary Points (cont.)

- ▶ Timing is Sensitive
 - ▶ Problems in Northeast Chatham grow more pressing
 - ▶ Growing opportunities for Chatham County require sustainable wastewater solutions - which take time to implement
 - ▶ There is “transformational” funding available for feasible studies and projects
 - ▶ Time requirements for expenditure
 - ▶ Applications require quality plans to be demonstrated

Funding Opportunities

- ▶ Federal Infrastructure Investment and Jobs Act
 - ▶ Provides \$55 billion to “build smart, modern, resilient water and wastewater infrastructure
 - ▶ Flows through states
- ▶ American Rescue Plan Act (ARPA)
 - ▶ \$1.7 billion to North Carolina for Utility needs
 - ▶ Spring and Fall Applications to DEQ
 - ▶ Time requirements for expenditure
- ▶ Annual Funding Opportunities by DEQ
 - ▶ Merger, Regionalization Feasibility Study Grants

Key DEQ Recommendations to Local Governments on Water and Wastewater System Needs

- ▶ Think 20, 30+ years on. What is best for the community then?
- ▶ Utility long-term viability
- ▶ Regionalization (interconnections, mergers, etc.)
- ▶ Resilience
- ▶ Resolve failing infrastructure

Next Steps

- ▶ Study Commission works with County Manager on information gathering with public jurisdiction contacts
- ▶ Commission completes high level assessment of wastewater solutions
- ▶ Final Report of Study Commission Findings and Recommendations Made to CCBOC
- ▶ Board Consideration of Possible Phase II Efforts
 - ▶ Possible MRF Study on one or more sustainable solutions

Conclusion

- ▶ Spartanburg South Carolina's Water organization likes to refer to it's water and sewer operations as “A Utility of the Future ... Today”. In reading about it recently, I particularly liked a quote that I read from their CEO:
“Wastewater treatment facilities symbolize a community's commitment to public health, to the environment, and to its economy.”
- ▶ Also, recently, at a state conference held by the NC League of Municipalities, I listened to a presentation by Mitchell Silver, a national expert on community planning, and one of his points was:
“People don't just buy a Home, they buy a Place”
- ▶ Our Study Commission strongly believes that wastewater services are a key part of ensuring that our Chatham County “place” continues to meet your and our quality expectations
- ▶ Thank You for Supporting the Efforts of the NE Chatham Wastewater Study Commission
- ▶ Questions?



Chatham County, NC

Text File

File Number: 22-4211

Agenda Date: 5/16/2022

Version: 2

Status: Approval of Agenda and
Consent Agenda

In Control: Planning

File Type: Agenda Item

Vote on a quasi-judicial request to approve a Special Use Permit requested by Chatham County Facilities and Construction for a new EMS station to be located on Parcel No. 62221 (2.3 acres) and 94711 (.69 acres), 9251 US 15-501 N, Baldwin Township.

Action Requested:

Vote on a quasi-judicial request to approve a Special Use Permit requested by Chatham County Facilities and Construction for a new EMS station to be located on Parcel No. 62221 (2.3 acres) and 94711 (.69 acres), 9251 US 15-501 N, Baldwin Township.

Introduction & Background:

A quasi-judicial public hearing was held on March 21, 2022. Planning staff presented the request, and no-one provided public comment.

Planning staff reviewed the history of the property on how the county purchased it in 1982 and was subsequently approved for a conditional use permit for a water tank that was constructed but is no longer in service.

A community meeting was held October 18, 2021, and no one from the public attended.

The site plans were reviewed by the Appearance Commission June 24, 2020 and minutes approved with some minor changes to plant material and design which have been incorporated into the proposed site plans.

Discussion & Analysis:

In reviewing a request for Special Use Permit, the Board of Commissioners must find in favor of all five findings with provided support and may request specific conditions outside of standard conditions to further support the findings. The five findings and the supporting information is all follows:

1. The use requested is among those listed as an eligible special use in the district in which the subject property is located or is to be located. Emergency medical service facilities is listed as allowed by SUP in the R-1 zoning district. **Planning review confirms support has been provided for this finding.**
2. The requested special use permit is either essential or desirable for the public

convenience or welfare.

- There will be minimal traffic associated with this use. Traffic generally limited to answering emergency calls and employees. Access will be via a right in/right out only drive on the southbound side of US 15-501.
- Existing tree vegetation on the rear and sides will remain with a 30-foot landscape buffer along the front. The building will also have a front setback of an additional 30 feet due to Duke Energy and county water line easements. Due to this, a retaining wall will be needed in the rear.
- Lighting will comply with the Chatham County Zoning Ordinance regulations.
- Any noise associated with the operation of the facility which includes sirens is exempt from the Chatham County Noise Ordinance chapter 92.05(c).
- Signage will comply with the Chatham County Zoning Ordinance regulations.

Planning review confirms support has been provided for this finding

3. The requested permit will not impair the integrity or character of the surrounding or adjoining districts, and will not be detrimental to the health, safety, or welfare of the community. There are not any similar uses in close proximity to this parcel and the need for increased emergency medical services with all of the residential and commercial development in the immediate area continues to grow. There will be no hazardous materials or waste associated with the facility. Buffers, setbacks, and landscaping have been reviewed to facilitate views from the roadway and adjoining parcels. **Planning review confirms support has been provided for this finding.**
4. The manner in which the proposed amendment will carry out the intent and purpose of any adopted plans or part thereof (i.e. Comprehensive Land Use Plan) are:
 - Goal 7 of the Comp Plan supports providing infrastructure to support development and economic and environmental objectives
 - Goal 8 of the Comp Plan supports becoming more resilient by mitigating, responding, and adapting to emerging threats. With the increase in development in this immediate area, this will provide faster response times for emergency medical calls.
 - Strategy 1.2 Utilities and Public Services Plan Element supports developing utilities, policies, systems, and services that facilitate compact development and support economic development in defined areas. The second bullet point is to locate new public services and facilities in growth areas identified on the Comp Plan map or where existing services are needed.

Panning review confirms support has been provided for this finding.

5. Adequate utilities, access roads, storm drainage, recreation, open space, and other necessary facilities have been or are being provided consistent with the County's plans, policies, and regulations.
- The site will be served by an eight-inch county water line at an anticipated usage of 50gpd per person per shift.
 - The site will connect to the Briar Chapel Wastewater Treatment facility. A waiver was provided and approved in June 2021 to remove trees in the required undisturbed perimeter buffer of Briar Chapel in order to obtain the easement to connect the service.
 - A commercial driveway permit will be issued by NCDOT and will be limited to right in/right out only access. The county is to receive the old roadway of 15/501, (parcel 94711) from NCDOT and recombine with the larger tract.
 - A storm water control measure is to be located on the southwestern corner of the parcel and will comply with all regulations county and state.

Planning review confirms support has been or will be provided for this finding.

The Planning Board reviewed the request during their regular meeting on April 5, 2022. There was minimal discussion, and only one concern was raised about the wash area noted on the site plan and where it would drain.

Planning staff contacted the county facilities department who advised there would not be any underground containment and the wash area would drain to the stormwater pond to be located on the property. Watershed Protection staff contacted the on-call consultant that reviews stormwater plans for their office and they responded this is acceptable practice.

Based on all five findings being supported, it recommended the request be approved. See below for conditions, if applicable.

How does this relate to the Comprehensive Plan:

The use is supported by Goals 7 and 8 as well as Strategy 1.2 of the Plan as stated above under Finding No. 4.

Recommendation:

The Planning Board, by 8-0 unanimous vote, recommends approval of a resolution for a Special Use Permit requested by Chatham County Facilities and Construction for a new EMS station to be located on Parcel No. 62221 (2.3 acres) and 94711 (.69 acres), 9251 US 15-501 N, Baldwin Township with the following conditions and Attachment A, Site Plan:

Site Specific Conditions

1. Signage shall follow the regulations under Section 15.6 Signs Permitted in the O & I, Office & Institutional Districts.
2. The landscaping plans as reviewed by the CCAC with suggested replacement of

Burford Holly with Hypericum “sunburst” shall be followed. Any deviations from the plan will require re-review by the CCAC and planning staff. Periodic inspections of the landscaping shall be made to ensure survival and meeting landscape buffer requirements.

3. A building permit shall be obtained and remain valid at all times within two (2) years of the date of this approval or the SUP becomes null and void.
4. The old 15-501 right-of-way shall be abandoned and combined with the county property prior to issuance of a building permit.
5. All land disturbing activity shall be reviewed and approved by the Watershed Protection Department prior to disturbance to ensure no water features, streams, storm drainage ditches, etc. are present or for any associated riparian buffers are impacted.

Standard Site Conditions

6. The application, standards and adopted regulations of the applicable ordinances and policies, and the approved recommendations as provided for and/or conditioned, are considered to be the standards as set forth and shall comply as stated. Changes or variations must be approved through the Planning Department or other approving board before any such changes can take place. These include but are not limited to landscaping, lighting, signage, parking, building construction, etc.
7. All required local, state, or federal permits (i.e. NCDOT commercial driveway permits, NCDWQ, Chatham County Land and Water Resources, Environmental Health Division, Building Inspections, Fire Marshal, etc.) shall be obtained, if required, and copies submitted to the Planning Department to the initiation of the operation/business.

Standard Administrative Conditions:

8. Fees - Applicant and/or landowner shall pay to the County all required fees and charges attributable to the development of its project in a timely manner, including, but not limited to, utility, subdivision, zoning, and building inspections.
9. Continued Validity - The continued validity and effectiveness of this approval was expressly conditioned upon the continued compliance with the plans and conditional listed above.
10. Non-Severability - If any of the above conditions is held to be invalid, this approval in it's entirety shall be void.
11. Non-Waiver - Nothing contained herein shall be deemed to waive any discretion on the part of the County as to further development of the applicant's property and this permit shall not give the applicant any vested right to develop its property in any other manner than as set forth herein.



Chatham County, NC

Text File

File Number: 22-4271

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Fire Marshal

File Type: Agenda Item

Agenda Number:

Vote on a request to approve Pyrotechnic display at The Governors Club located at 11000 Governors Dr. Chapel Hill NC 27516 during a celebration on July 4, 2022

Action Requested:

Vote on a request to approve Pyrotechnic display at The Governors Club located at 11000 Governors Dr. Chapel Hill NC 27516 during a celebration on July 4, 2022

Introduction & Background:

North Carolina General Statute 14-410 and 14-413 (Attachment #A) requires that Pyrotechnic displays be pre-approved by the County Board of Commissioners that the display is to be conducted in. Mr. Dustin Ledford, Contracted Pyrotechnics., has submitted a letter of request (Attachment #B) to conduct a Pyrotechnic display at The Bradford wedding venue located at 75 The Bradford Ln. New Hill NC 27562 during a wedding celebration on December 3, 2021. The actual display operator conducting the displays will be Mr. Dustin Ledford, Contracted Pyrotechnics, is a NC Licensed Pyrotechnics Display Operator for displays before a proximate audience.

Discussion & Analysis:

Due to the dangerous nature and tragedy at Ocracoke, NC involving Pyrotechnics, the State of North Carolina enacted strict requirements including the licensing of Pyrotechnic Display Operators. Mr. Dustin Ledford, Contracted Pyrotechnics., has provided the required documentation for review which includes a copy of Mr. Ledford's., NC Pyrotechnic Display Operators License (Attachment #C), Certificate of Insurance (Attachment #D), and an ATF License/Permit (Attachment #E). Mr. Dustin Ledford also submitted a drawing of the areas denoting the required distances from the spectators (Attachment #F and #G). The sizes and types of pyrotechnics to be used were reviewed. Mr. Jeff Hale has met the applicable requirements of the North Carolina Fire Prevention Code and the National Fire Protection Association (NFPA) Standard 1126 Standard for the Use of Pyrotechnics Before a Proximate Audience

This standard provides requirements for the safe use of pyrotechnic special effects before a proximate audience at both indoor and outdoor locations to protect property, operators, performers, support personnel, and viewing audiences. Application includes use in conjunction with theatrical, musical, or similar performing arts productions in theaters, stadiums, concert halls, etc. Once notice is received that the County Board of Commissioners has approved the events, the pyrotechnics company representative will

be contacted to advise them of the approval and request that they please stay abreast of the conditions at the display sites as the events draws near. If dry and/or windy conditions appear to pose an increased risk to life or property, a Chatham County Fire Marshal's Office representative will request that the operator contact the firm and/or persons that they have contracted with and advise them of the same. A Chatham County Fire Marshal's Office representative will also contact the company and/or person and advise them of the same. In the event that conditions continue to exist that pose and elevated and/or increased risk to lives and property due to fire and it is determined that the event may need to be cancelled, the Chatham County Fire Marshal's Office representative will contact the pyrotechnic company representative and the firm and/or person they have contracted with within a minimum of forty-eight (48) hours prior to the event and advise them of the same. In accordance with the North Carolina Fire Prevention Code an inspection of the display area will be conducted by a Certified NC Fire Prevention Inspector of the Chatham County Fire Marshal's Office prior to the actual display. A piece of fire apparatus and personnel from the Siler City Fire Department will be on-site before, during, and after the display. The Pyrotechnics display may be delayed and or cancelled if weather and/or atmospheric conditions deem the activity to be unsafe. The Chatham County Fire Marshal will conduct a post display inspection of the display areas.

Recommendation:

Vote on a request to approve Pyrotechnic display at The Governors Club located at 11000 Governors Dr. Chapel Hill NC 27516 during a celebration on July 4, 2022

Article 54.

Sale, etc., of Pyrotechnics.

§ 14-410. Manufacture, sale and use of pyrotechnics prohibited; exceptions; permit required; sale to persons under the age of 16 prohibited.

(a) Except as otherwise provided in this section, it shall be unlawful for any individual, firm, partnership or corporation to manufacture, purchase, sell, deal in, transport, possess, receive, advertise, use, handle, exhibit, or discharge any pyrotechnics of any description whatsoever within the State of North Carolina.

(a1) It shall be permissible for pyrotechnics to be exhibited, used, handled, manufactured, or discharged within the State, provided all of the following apply:

- (1) The exhibition, use, or discharge is at a concert or public exhibition.
- (2) All individuals who exhibit, use, handle, or discharge pyrotechnics in connection with a concert or public exhibition have completed the training and licensing required under Article 82A of Chapter 58 of the General Statutes. The display operator or proximate audience display operator, as required under Article 82A of Chapter 58 of the General Statutes, must be present at the concert or public exhibition and must personally direct all aspects of exhibiting, using, handling, or discharging the pyrotechnics.
- (3) The display operator has secured written authority under G.S. 14-413 from the board of county commissioners of the county, or the city if authorized under G.S. 14-413(a1), in which the pyrotechnics are to be exhibited, used or discharged. Written authority from the board of commissioners or city is not required under this subdivision for a concert or public exhibition provided the display operator has secured written authority from The University of North Carolina or the University of North Carolina at Chapel Hill under G.S. 14-413, and pyrotechnics are exhibited on lands or buildings in Orange County owned by The University of North Carolina or the University of North Carolina at Chapel Hill.

(a2) Notwithstanding any provision of this section, it shall not be unlawful for a common carrier to receive, transport, and deliver pyrotechnics in the regular course of its business.

(a3) The requirements of this section apply to G.S. 14-413(b) and G.S. 14-413(c).

(b) Notwithstanding the provisions of G.S. 14-414, it shall be unlawful for any individual, firm, partnership, or corporation to sell pyrotechnics as defined in G.S. 14-414(2), (3), (4)c., (5), or (6) to persons under the age of 16.

(c) The following definitions apply in this Article:

- (1) Concert or public exhibition. – A fair, carnival, show of any description, or public celebration.
- (2) Display operator. – An individual issued a display operator permit under G.S. 58-82A-3.
- (3) State Fire Marshal. – Defined in G.S. 58-80-1. (1947, c. 210, s. 1; 1993 (Reg. Sess., 1994), c. 660, s. 3; 1995, c. 475, s. 1; 2003-298, s. 2; 2007-38, s. 1; 2009-507, s. 1; 2010-22, s. 8.)

§ 14-413. Permits for use at public exhibitions.

(a) For the purpose of enforcing the provisions of this Article, the board of county commissioners of any county, or the governing board of a city authorized pursuant to subsection (a1) of this section, may issue permits for use in connection with the conduct of concerts or public exhibitions, such as fairs, carnivals, shows of all descriptions and public celebrations, but only after satisfactory evidence is produced to the effect that said pyrotechnics will be used for the aforementioned purposes and none other. Provided that no such permit shall be required for a public exhibition authorized by The University of North Carolina or the University of North Carolina at Chapel Hill and conducted on lands or buildings in Orange County owned by The University of North Carolina or the University of North Carolina at Chapel Hill.

(a1) For the purpose of enforcing the provisions of this Article, a board of county commissioners may authorize the governing body of any city in the county to issue permits pursuant to the provisions of this Article for pyrotechnics to be exhibited, used, or discharged within the corporate limits of the city for use in connection with the conduct of concerts or public exhibitions. The board of county commissioners shall adopt a resolution granting the authority to the city, and it shall remain in effect until withdrawn by the board of county commissioners adopting a subsequent resolution withdrawing the authority. If a city lies in more than one county, the board of county commissioners of each county in which the city lies must adopt an authorizing resolution. If any county in which the city lies withdraws the authority of the city to issue permits for the use of pyrotechnics, the authority of the city to issue permits for the use of pyrotechnics will end, and all counties within which the city lies must resume their authority to issue the permits.

(b) For any indoor use of pyrotechnics at a concert or public exhibition, the board of commissioners or the governing body of an authorized city may not issue any permit unless the local fire marshal or the State Fire Marshal (or in the case of The University of North Carolina or the University of North Carolina at Chapel Hill it may not authorize such concert or public exhibition unless the State Fire Marshal) has certified that:

- (1) Adequate fire suppression will be used at the site.
- (2) The structure is safe for the use of such pyrotechnics with the type of fire suppression to be used.
- (3) Adequate egress from the building is available based on the size of the expected crowd.

(c) The requirements of subsection (b) of this section also apply to any city authorized to grant pyrotechnic permits by local act and to the officer delegated the power to grant such permits by local act.

(d) **(Effective February 1, 2010)** A board of county commissioners or the governing board of a city shall not issue a permit under this section unless the display operator provides proof of insurance in the amount of at least five hundred thousand dollars (\$500,000) or the minimum amount required under the North Carolina State Building Code pursuant to G.S. 143-138(e), whichever is greater. A board of county commissioners or the governing board of a city may require proof of insurance that exceeds these minimum requirements. (1947, c. 210, s. 4; 1993 (Reg. Sess., 1994), c. 660, s. 3.1; 1995, c. 509, s. 11; 2003-298, s. 1; 2007-38, s. 2; 2009-507, s. 2.)

William Judson

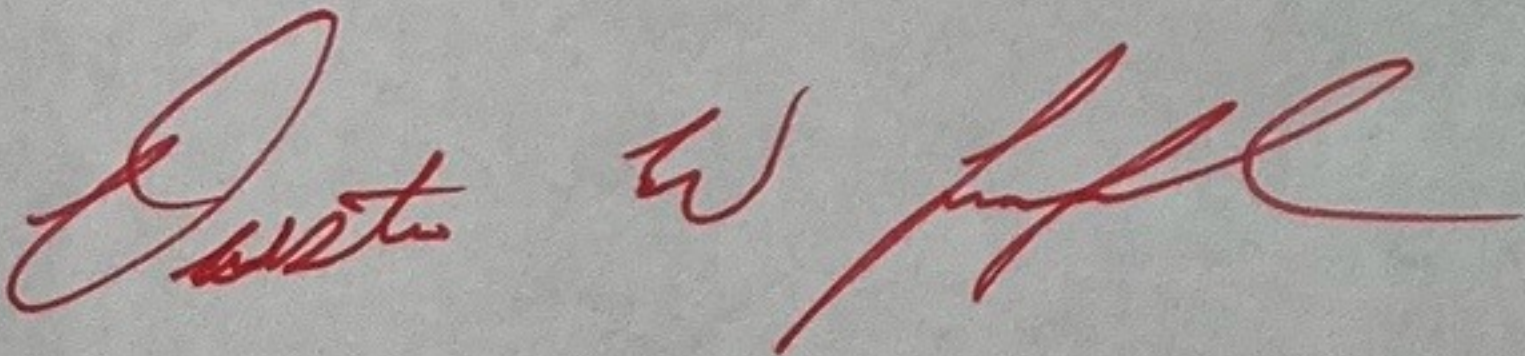
Chatham County Fire Marshal

Dear Billy

As owner and operator of Contracted Pyrotechnics I am requesting permission from the Chatham County Board of Commissioners to present a fireworks display at The Bradford on December 3rd 2021.

The fireworks display will consist of Cold Spark machines that will be in use during the bride and grooms first dance. I have over 10 years of experience presenting outdoor display fireworks and traveling with production companies filming Movies, Commercials and TV series doing SPFX including all types of indoor and outdoor pyro. I am pleased to be the one that has been offered this opportunity to present this display at The Bradford.

Thanks



Dustin W ledford

Contracted Pyrotechnics

133 Hywood Rd

Casar NC 28020

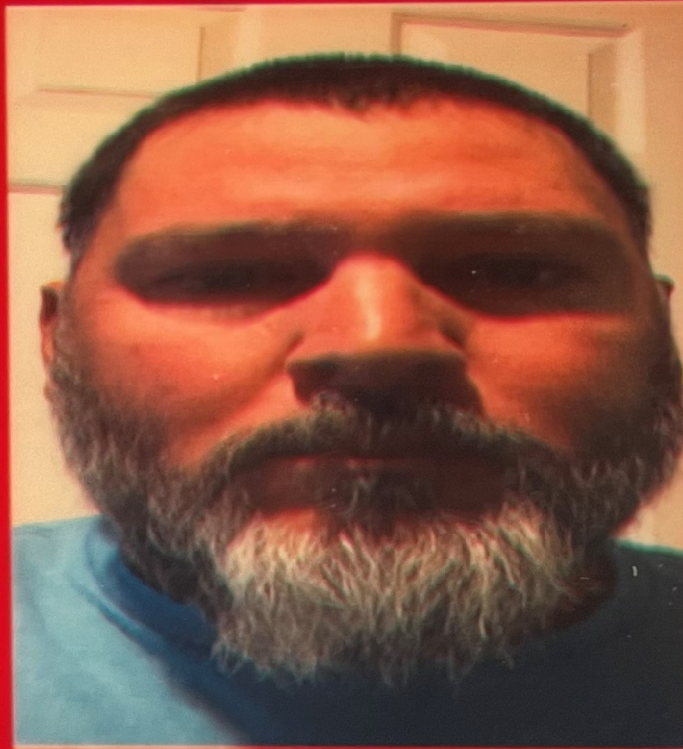
704-473-1996

**Outdoor Pyrotechnics
Display
OPERATORS
LICENSE**

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David Belling

CERTIFICATE OF INSURANCE

ISSUE DATE 04-05-2022

PRODUCER

PROFESSIONAL PROGRAM INSURANCE BROKERAGE
DIVISION OF SPG INSURANCE SOLUTIONS, LLC
1304 SOUTHPOINT BLVD., #101
PETALUMA CA, 94954

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER, THIS CERTIFICATE DOES NOT AMEND, EXTEND OR LATER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURER(S) AFFORDING COVERAGE

INSURER A: Certain Underwriters at Lloyd's, London

INSURED

Pioneer Pyrotechnics, LLC
2132 North Grampian Hills Road
Columbia, SC 29223

INSURER B:

INSURER C:

INSURER D:

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE NAMED INSURED ABOVE FOR THE PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY CLAIMS MADE GEN'L AGGREGATE LIMIT APPLIES PER POLICY	PY/21-0249	12/10/2021	12/10/2022	EACH ACCIDENT	\$ 1,000,000
					MEDICAL EXP (Any one person)	\$
					FIRE LEGAL LIABILITY	\$ 50,000
					GENERAL AGGREGATE	\$ 2,000,000
					PRODUCTS-COMP/OPS AGG	\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ANY OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	\$
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE (Per accident)	\$
	EXCESS LIABILITY FOLLOWING FORM				EACH ACCIDENT	\$
					AGGREGATE	\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER	\$
					E.L. EACH ACCIDENT	\$
					E.L. DISEASE-EA EMPLOYEE	\$
					E.L. DISEASE-POLICY LIMIT	\$
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

Governors Club POA, and for permits only, the State of NC, its agents, and The Office of the State Fire Marshal are Additional insured as respects the 7-4-22 (rain date 7-11-22) aerial fireworks display located at Governors Club, 11000 Governors Dr, Chapel Hill, NC 27517.

CERTIFICATE HOLDER

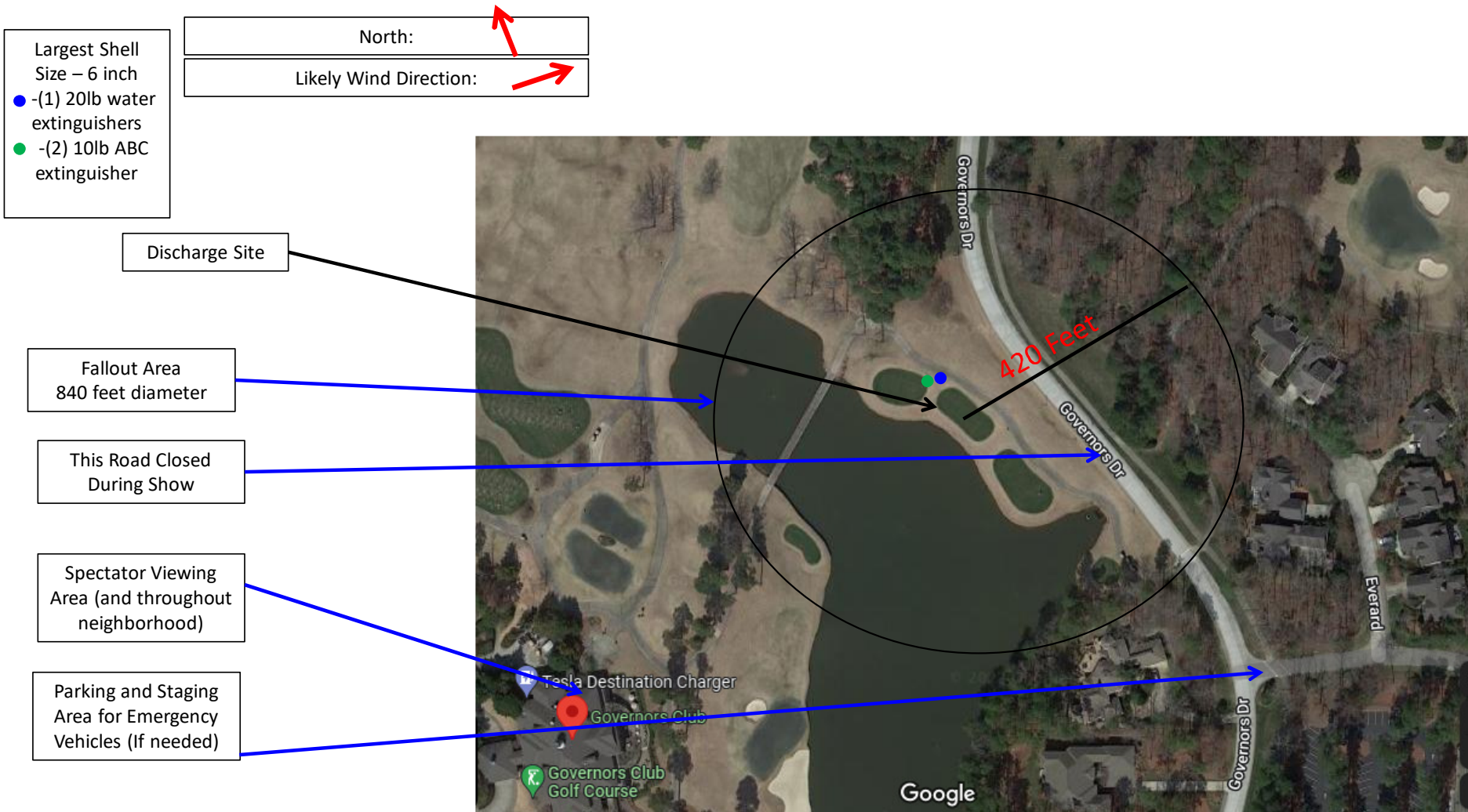
Governors Club Inc.
11000 Governors Drive
Chapel Hill NC 27517

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Susan Etter



Federal Explosives License/Permit
(18 U.S.C. Chapter 40)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555), you may engage in the activity specified in this license or permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. **THIS LICENSE IS NOT TRANSFERABLE UNDER 27 CFR 555.53.** See "WARNINGS" and "NOTICES" on reverse.

Direct ATF Correspondence To	ATF - Chief, FELC 244 Needy Road Martinsburg, WV 25405-9431	License/Permit Number	1-SC-079-20-2E-00250
Chief, Federal Explosives Licensing Center (FELC)	<i>Christopher R. Reers</i>	Expiration Date	May 1, 2022
Name	PIONEER FIREWORKS & PIONEER PYROTECHNICS		

Premises Address (Changes? Notify the FELC at least 10 days before the move.)
1147 HEINS RD ELGIN, SC 29045-

Type of License or Permit

20-MANUFACTURER OF EXPLOSIVES

Purchasing Certification Statement

The licensee or permittee named above shall use a copy of this license or permit to assist a transferor of explosives to verify the identity and the licensed status of the licensee or permittee as provided by 27 CFR Part 555. The signature on each copy must be an original signature. A faxed, scanned or e-mailed copy of the license or permit with a signature intended to be an original signature is acceptable. The signature must be that of the Federal Explosives Licensee (FEL) or a responsible person of the FEL. I certify that this is a true copy of a license or permit issued to the licensee or permittee named above to engage in the business or operations specified above under "Type of License or Permit."

Mailing Address (Changes? Notify the FELC of any changes.)

PIONEER PYROTECHNICS LLC
PIONEER FIREWORKS & PIONEER PYROTECHNICS
1147 HEINS RD
ELGIN, SC 29045-

<i>[Signature]</i> Licensee/Permittee Responsible Person Signature	<i>[Signature]</i> Position/Title
<i>Charlie M. '43</i> Printed Name	<i>3-19-21</i> Date

Previous Edition is Obsolete PIONEER PYROTECHNICS LLC:1147 HEINS RD:29045-1-SC-079-20-2E-00250 May 1, 2022:20-MANUFACTURER OF EXPLOSIVES

ATF Form 5400.14/5400.15 Part 1
Revised October 2011

Federal Explosives License (FEL) Customer Service Information

Federal Explosives Licensing Center (FELC)
244 Needy Road
Martinsburg, WV 25405-9431

Toll-free Telephone Number: (877) 283-3352
Fax Number: (304) 616-4401
E-mail: FELC@atf.gov

ATF Homepage: www.atf.gov

Change of Address (27 CFR 555.54(a)(1)). Licensees or permittees may during the term of their current license or permit remove their business or operations to a new location at which they intend regularly to carry on such business or operations. The licensee or permittee is required to give notification of the new location of the business or operations not less than 10 days prior to such removal with the Chief, Federal Explosives Licensing Center. The license or permit will be valid for the remainder of the term of the original license or permit. **(The Chief, FELC, shall, if the licensee or permittee is not qualified, refer the request for amended license or permit to the Director of Industry Operations for denial in accordance with § 555.54.)**

Right of Succession (27 CFR 555.59). (a) Certain persons other than the licensee or permittee may secure the right to carry on the same explosive materials business or operations at the same address shown on, and for the remainder of the term of, a current license or permit. Such persons are: (1) The surviving spouse or child, or executor, administrator, or other legal representative of a deceased licensee or permittee; and (2) A receiver or trustee in bankruptcy, or an assignee for benefit of creditors. (b) In order to secure the right provided by this section, the person or persons continuing the business or operations shall furnish the license or permit for for that business or operations for endorsement of such succession to the Chief, FELC, within 30 days from the date on which the successor begins to carry on the business or operations.

(Continued on reverse side)

Cut Here ✂

Federal Explosives License/Permit (FEL) Information Card	
License/Permit Name: PIONEER PYROTECHNICS LLC	
Business Name:	PIONEER FIREWORKS & PIONEER PYROTECHNICS
License/Permit Number:	1-SC-079-20-2E-00250
License/Permit Type:	20-MANUFACTURER OF EXPLOSIVES
Expiration:	May 1, 2022
Please Note: Not Valid for the Sale or Other Disposition of Explosives.	



Chatham County, NC

Text File

File Number: 22-4272

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Fire Marshal

File Type: Agenda Item

Vote on a Request to Approve a Pyrotechnics Display at the Governors Club, 11000 Club Dr. Chapel Hill 27517, on July 4, 2022.

Action Requested:

Chatham County Board of Commissioners vote on a request to approve a Pyrotechnics Display at the Governors Club, 11000 Club Dr. Chapel Hill 27517, on July 4, 2022.

Introduction & Background:

North Carolina General Statute 14-410, 14-413 (Attachment #A) requires that Pyrotechnic Displays be pre-approved by the County Board of Commissioners of the County that the display is to be conducted in. Mr. Charlie Miles, Pioneer Pyrotechnics, has submitted a letter of request (Attachment #B) to conduct a Pyrotechnics display at 11000 Club Dr. Chapel Hill 27517, on July 4, 2021. Mr. David Belling, Pioneer Pyrotechnics, will be the Lead Operator for the display.

Discussion & Analysis:

Due to the dangerous nature of the use of pyrotechnics, the State of North Carolina enacted strict requirements including the licensing of Pyrotechnic Display Operators. Mr. Miles has provided the required documentation for review which includes a copy of Mr. Bellings NC Pyrotechnic Display Operators License (Attachment #C), Certificate of Insurance (Attachment #D), and an ATF License/Permit (Attachment #E). Mr. Miles has also submitted a drawing of the area denoting the required distances from the spectators and structures (Attachment #F). The sizes and types of pyrotechnics to be used were reviewed. Mr. Miles has met the applicable requirements of the North Carolina Fire Prevention Code and the National Fire Protection Association (NFPA) Standard 1123 Fireworks and Explosives. Once notice is received that the County Board of Commissioners has approved the event, the pyrotechnics company representative will be contacted to advise them of the approval and request they please stay abreast of the conditions at the display site as the event draws near. If dry and/or windy conditions appear to pose an increased risk to life or property, a Chatham County Fire Marshal's Office representative will request that the operator contact the firm and/or persons that they have contracted with and advise them of the same. A Chatham County Fire Marshal's Office representative will also contact the company and/or person and advise them of the same. In the event that conditions continue to exist that pose and elevated

and/or increased risk to lives and property due to fire and it is determined that the event may need to be cancelled, the Chatham County Fire Marshal's Office representative will contact the pyrotechnic company representative and the firm and/or person they have contracted with within a minimum of forty eight (48) hours prior to the event and advise them of the same. The company and/or persons organizing and responsible for holding the event will give notice to nearby residents of the event a minimum of seven (7) days prior to the actual event. In accordance with the North Carolina Fire Prevention Code an inspection of the display area will be conducted by a Certified NC Fire Prevention Inspector of the Chatham County Fire Marshal's Office prior to the actual display. A piece of fire apparatus and personnel from the North Chatham Volunteer Fire Department will be on-site before, during, and after the display. The Chatham County Fire Marshal will conduct a post display inspection of the display area.

Recommendation:

Chatham County Board of Commissioners vote on a request to approve a Pyrotechnics Display at the Governors Club, 11000 Club Dr. Chapel Hill 27517, on July 4, 2022.

Article 54.

Sale, etc., of Pyrotechnics.

§ 14-410. Manufacture, sale and use of pyrotechnics prohibited; exceptions; permit required; sale to persons under the age of 16 prohibited.

(a) Except as otherwise provided in this section, it shall be unlawful for any individual, firm, partnership or corporation to manufacture, purchase, sell, deal in, transport, possess, receive, advertise, use, handle, exhibit, or discharge any pyrotechnics of any description whatsoever within the State of North Carolina.

(a1) It shall be permissible for pyrotechnics to be exhibited, used, handled, manufactured, or discharged within the State, provided all of the following apply:

- (1) The exhibition, use, or discharge is at a concert or public exhibition.
- (2) All individuals who exhibit, use, handle, or discharge pyrotechnics in connection with a concert or public exhibition have completed the training and licensing required under Article 82A of Chapter 58 of the General Statutes. The display operator or proximate audience display operator, as required under Article 82A of Chapter 58 of the General Statutes, must be present at the concert or public exhibition and must personally direct all aspects of exhibiting, using, handling, or discharging the pyrotechnics.
- (3) The display operator has secured written authority under G.S. 14-413 from the board of county commissioners of the county, or the city if authorized under G.S. 14-413(a1), in which the pyrotechnics are to be exhibited, used or discharged. Written authority from the board of commissioners or city is not required under this subdivision for a concert or public exhibition provided the display operator has secured written authority from The University of North Carolina or the University of North Carolina at Chapel Hill under G.S. 14-413, and pyrotechnics are exhibited on lands or buildings in Orange County owned by The University of North Carolina or the University of North Carolina at Chapel Hill.

(a2) Notwithstanding any provision of this section, it shall not be unlawful for a common carrier to receive, transport, and deliver pyrotechnics in the regular course of its business.

(a3) The requirements of this section apply to G.S. 14-413(b) and G.S. 14-413(c).

(b) Notwithstanding the provisions of G.S. 14-414, it shall be unlawful for any individual, firm, partnership, or corporation to sell pyrotechnics as defined in G.S. 14-414(2), (3), (4)c., (5), or (6) to persons under the age of 16.

(c) The following definitions apply in this Article:

- (1) Concert or public exhibition. – A fair, carnival, show of any description, or public celebration.
- (2) Display operator. – An individual issued a display operator permit under G.S. 58-82A-3.
- (3) State Fire Marshal. – Defined in G.S. 58-80-1. (1947, c. 210, s. 1; 1993 (Reg. Sess., 1994), c. 660, s. 3; 1995, c. 475, s. 1; 2003-298, s. 2; 2007-38, s. 1; 2009-507, s. 1; 2010-22, s. 8.)

§ 14-413. Permits for use at public exhibitions.

(a) For the purpose of enforcing the provisions of this Article, the board of county commissioners of any county, or the governing board of a city authorized pursuant to subsection (a1) of this section, may issue permits for use in connection with the conduct of concerts or public exhibitions, such as fairs, carnivals, shows of all descriptions and public celebrations, but only after satisfactory evidence is produced to the effect that said pyrotechnics will be used for the aforementioned purposes and none other. Provided that no such permit shall be required for a public exhibition authorized by The University of North Carolina or the University of North Carolina at Chapel Hill and conducted on lands or buildings in Orange County owned by The University of North Carolina or the University of North Carolina at Chapel Hill.

(a1) For the purpose of enforcing the provisions of this Article, a board of county commissioners may authorize the governing body of any city in the county to issue permits pursuant to the provisions of this Article for pyrotechnics to be exhibited, used, or discharged within the corporate limits of the city for use in connection with the conduct of concerts or public exhibitions. The board of county commissioners shall adopt a resolution granting the authority to the city, and it shall remain in effect until withdrawn by the board of county commissioners adopting a subsequent resolution withdrawing the authority. If a city lies in more than one county, the board of county commissioners of each county in which the city lies must adopt an authorizing resolution. If any county in which the city lies withdraws the authority of the city to issue permits for the use of pyrotechnics, the authority of the city to issue permits for the use of pyrotechnics will end, and all counties within which the city lies must resume their authority to issue the permits.

(b) For any indoor use of pyrotechnics at a concert or public exhibition, the board of commissioners or the governing body of an authorized city may not issue any permit unless the local fire marshal or the State Fire Marshal (or in the case of The University of North Carolina or the University of North Carolina at Chapel Hill it may not authorize such concert or public exhibition unless the State Fire Marshal) has certified that:

- (1) Adequate fire suppression will be used at the site.
- (2) The structure is safe for the use of such pyrotechnics with the type of fire suppression to be used.
- (3) Adequate egress from the building is available based on the size of the expected crowd.

(c) The requirements of subsection (b) of this section also apply to any city authorized to grant pyrotechnic permits by local act and to the officer delegated the power to grant such permits by local act.

(d) **(Effective February 1, 2010)** A board of county commissioners or the governing board of a city shall not issue a permit under this section unless the display operator provides proof of insurance in the amount of at least five hundred thousand dollars (\$500,000) or the minimum amount required under the North Carolina State Building Code pursuant to G.S. 143-138(e), whichever is greater. A board of county commissioners or the governing board of a city may require proof of insurance that exceeds these minimum requirements. (1947, c. 210, s. 4; 1993 (Reg. Sess., 1994), c. 660, s. 3.1; 1995, c. 509, s. 11; 2003-298, s. 1; 2007-38, s. 2; 2009-507, s. 2.)



213 N. Grampian Hills Road
Columbia, S.C. 29223
803-743-5300
www.PioneerPyrotechnics.com

4-6-22

Re: Request for Permit for Governors Club 7-4-22 Firework Show

To Whom it May Concern,

We would like to request approval to perform the annual 7-4-22 firework show for Governors Club, located at 11000 Governors Drive, Chapel Hill NC 27517. Our company, Pioneer Pyrotechnics, is fully licensed with ATF, fully insured and has been performing Firework shows in SC, NC, GA and FL for over 10 years. Our shooter is fully licensed in NC with the NC Office of the State Fire Marshal. Insurance for the firework show has already been bound with Lloyds of London and the Insurance Certificate has been filed through the Chatham County online portal for permitting. The site location is very safe and has been used for years with great results. The show will be operated under the supervision of the fire marshal. Should you have any questions or concerns I would be happy discuss this show and can be reached at the number below.

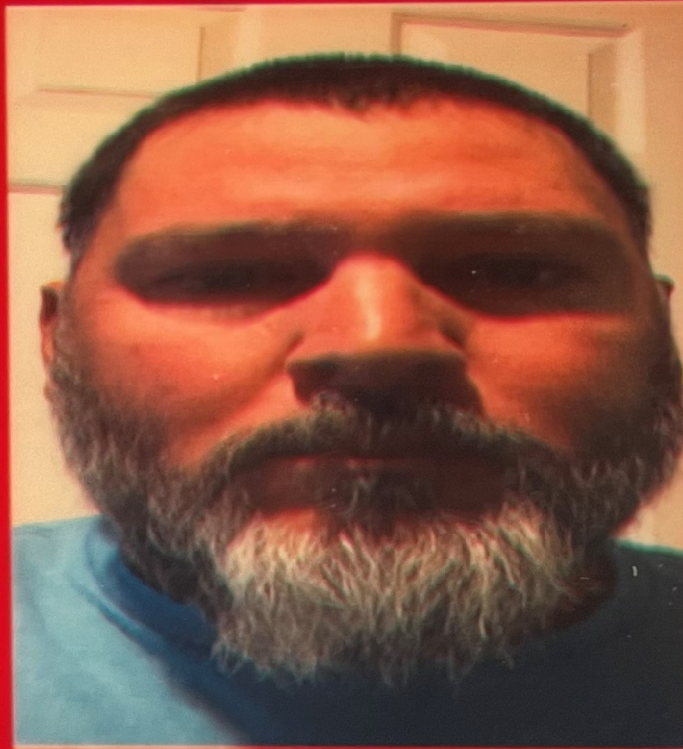
Charlie Miles
Owner
Pioneer Pyrotechnics
803-743-5300
www.PioneerPyrotechnics.com

**Outdoor Pyrotechnics
Display
OPERATORS
LICENSE**

M

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David Belling

CERTIFICATE OF INSURANCE

ISSUE DATE 04-05-2022

PRODUCER

PROFESSIONAL PROGRAM INSURANCE BROKERAGE
DIVISION OF SPG INSURANCE SOLUTIONS, LLC
1304 SOUTHPOINT BLVD., #101
PETALUMA CA, 94954

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2132 North Grampian Hills Road
Columbia, SC 29223

INSURER B:

INSURER C:

INSURER D:

COVERAGES

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CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY CLAIMS MADE GEN'L AGGREGATE LIMIT APPLIES PER POLICY	PY/21-0249	12/10/2021	12/10/2022	EACH ACCIDENT	\$ 1,000,000
					MEDICAL EXP (Any one person)	\$
					FIRE LEGAL LIABILITY	\$ 50,000
					GENERAL AGGREGATE	\$ 2,000,000
					PRODUCTS-COMP/OPS AGG	\$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ANY OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT (Ea accident)	\$
					BODILY INJURY (Per person)	\$
					BODILY INJURY (Per accident)	\$
					PROPERTY DAMAGE (Per accident)	\$
	EXCESS LIABILITY FOLLOWING FORM				EACH ACCIDENT	\$
					AGGREGATE	\$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				<input type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTH-ER	\$
					E.L. EACH ACCIDENT	\$
					E.L. DISEASE-EA EMPLOYEE	\$
					E.L. DISEASE-POLICY LIMIT	\$
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Governors Club POA, and for permits only, the State of NC, its agents, and The Office of the State Fire Marshal are Additional insured as respects the 7-4-22 (rain date 7-11-22) aerial fireworks display located at Governors Club, 11000 Governors Dr, Chapel Hill, NC 27517.

CERTIFICATE HOLDER

Governors Club Inc.
11000 Governors Drive
Chapel Hill NC 27517

CANCELLATION

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AUTHORIZED REPRESENTATIVE

Susan Etter

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(18 U.S.C. Chapter 40)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555), you may engage in the activity specified in this license or permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. **THIS LICENSE IS NOT TRANSFERABLE UNDER 27 CFR 555.53.** See "WARNINGS" and "NOTICES" on reverse.

Direct ATF Correspondence To	ATF - Chief, FELC 244 Needy Road Martinsburg, WV 25405-9431	License/Permit Number	1-SC-079-20-2E-00250
Chief, Federal Explosives Licensing Center (FELC)	<i>Christopher R. Reers</i>	Expiration Date	May 1, 2022
Name	PIONEER FIREWORKS & PIONEER PYROTECHNICS		

Premises Address (Changes? Notify the FELC at least 10 days before the move.)

**1147 HEINS RD
ELGIN, SC 29045-**

Type of License or Permit

20-MANUFACTURER OF EXPLOSIVES

Purchasing Certification Statement

The licensee or permittee named above shall use a copy of this license or permit to assist a transferor of explosives to verify the identity and the licensed status of the licensee or permittee as provided by 27 CFR Part 555. The signature on each copy must be an original signature. A faxed, scanned or e-mailed copy of the license or permit with a signature intended to be an original signature is acceptable. The signature must be that of the Federal Explosives Licensee (FEL) or a responsible person of the FEL. I certify that this is a true copy of a license or permit issued to the licensee or permittee named above to engage in the business or operations specified above under "Type of License or Permit."

Mailing Address (Changes? Notify the FELC of any changes.)

PIONEER PYROTECHNICS LLC
PIONEER FIREWORKS & PIONEER PYROTECHNICS
1147 HEINS RD
ELGIN, SC 29045-

Licensee/Permittee Responsible Person Signature

Position/Title

Printed Name

Date

Previous Edition is Obsolete

PIONEER PYROTECHNICS LLC:1147 HEINS RD:29045-1-SC-079-20-2E-00250 May 1, 2022:20-MANUFACTURER OF EXPLOSIVES

ATF Form 5400.14/5400.15 Part 1
Revised October 2011

Federal Explosives License (FEL) Customer Service Information

Federal Explosives Licensing Center (FELC)
244 Needy Road
Martinsburg, WV 25405-9431

Toll-free Telephone Number: (877) 283-3352
Fax Number: (304) 616-4401
E-mail: FELC@atf.gov

ATF Homepage: www.atf.gov

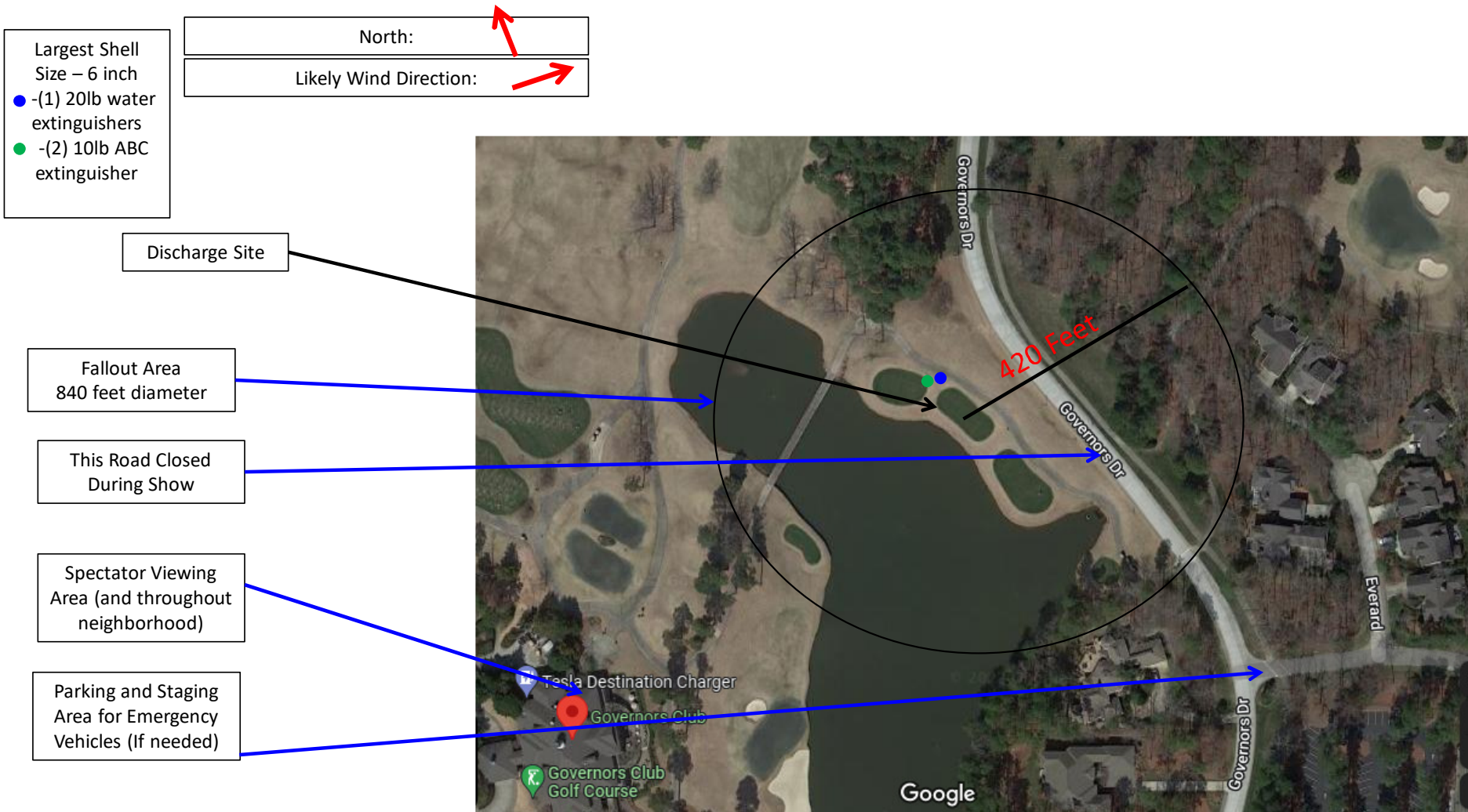
Change of Address (27 CFR 555.54(a)(1)). Licensees or permittees may during the term of their current license or permit remove their business or operations to a new location at which they intend regularly to carry on such business or operations. The licensee or permittee is required to give notification of the new location of the business or operations not less than 10 days prior to such removal with the Chief, Federal Explosives Licensing Center. The license or permit will be valid for the remainder of the term of the original license or permit. **(The Chief, FELC, shall, if the licensee or permittee is not qualified, refer the request for amended license or permit to the Director of Industry Operations for denial in accordance with § 555.54.)**

Right of Succession (27 CFR 555.59). (a) Certain persons other than the licensee or permittee may secure the right to carry on the same explosive materials business or operations at the same address shown on, and for the remainder of the term of, a current license or permit. Such persons are: (1) The surviving spouse or child, or executor, administrator, or other legal representative of a deceased licensee or permittee; and (2) A receiver or trustee in bankruptcy, or an assignee for benefit of creditors. (b) In order to secure the right provided by this section, the person or persons continuing the business or operations shall furnish the license or permit for for that business or operations for endorsement of such succession to the Chief, FELC, within 30 days from the date on which the successor begins to carry on the business or operations.

Cut Here ✂

(Continued on reverse side)

Federal Explosives License/Permit (FEL) Information Card	
License/Permit Name: PIONEER PYROTECHNICS LLC	
Business Name:	PIONEER FIREWORKS & PIONEER PYROTECHNICS
License/Permit Number:	1-SC-079-20-2E-00250
License/Permit Type:	20-MANUFACTURER OF EXPLOSIVES
Expiration:	May 1, 2022
Please Note: Not Valid for the Sale or Other Disposition of Explosives.	





Chatham County, NC

Text File

File Number: 22-4273

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Finance

File Type: Agenda Item

Vote on a request to approve Fiscal Year 2021-2022 Budget Amendments

Action Requested: Vote on a request to approve budget amendments as proposed by staff

Introduction & Background: During the fiscal year, the budget must be amended as changing conditions warrant. The fiscal year 2021-2022 budget ordinance authorizes the County Manager to transfer funds within a department without limitation. The Manager may also transfer amounts of up to \$5,000 between departments of the same fund and transfer amounts up to \$50,000 from contingency with a memorandum report of such transfers to the Board. The Board must approve all other transfers.

Discussion & Analysis: The attached proposed amendments must be approved by the Board of Commissioners for fiscal year 2022.

The Sheriff department's budget is being increased by \$14,870 to cover additional youth services donations and an appropriation to fund balance for victim's services donations rolling forward from prior year.

The General Services department's budget is being increased by \$1,000,000 to cover additional Article 39 sales tax revenue.

The Building Inspections department's budget is being increased by \$27,420 with an appropriation to fund balance for an insurance reimbursement for a totaled vehicle.

The Building Inspections department's budget is being increased by \$27,400 with a transfer from contingency to cover the purchase of an additional vehicle.

The Planning department's budget is being increased by \$8,875 with a transfer from contingency to cover the purchase of a panic button.

Budgetary Impact: The proposed amendments increase the General Fund by \$1,042,290 and the appropriated fund balance by \$28,110. Transfer from Contingency total \$36,275..

Recommendation: Motion to approve budget amendments as proposed by staff.

FY 2022 Budget Amendments

General Fund

<u>Fund</u>	<u>Department/Division</u>	<u>Account Description</u>	<u>Revenue</u>	<u>Expense</u>	<u>Description</u>
General	Sheriff	Appropriated Fund Balance	690		Victim's Services Donations
General	Sheriff	Prg - Domestic Violence		690	
General	Sheriff	Youth Services Donations	14,180		Youth Services Donations
General	Sheriff	Youth Services		14,180	
General	General Services	Sales Tax - Article 39	1,000,000		Add'l Article 39 revenue
General	General Services	Transfer Out - Capital Reserve		1,000,000	
General	Building Inspections	Appropriated Fund Balance	27,420		Insurance Reimb for totaled vehicle
General	Building Inspections	Capital Outlay - Vehicle		27,420	
Total General Fund Budget Increase (Decrease):			1,042,290	1,042,290	
FY22 General Appropriated Fund Balance:			5,181,148		
Additional Appropriation with Amendments:			28,110		
FY22 Total General Appropriated Fund Balance:			5,209,258		

FY2022 Contingency Transfers

<u>Fund</u>	<u>Department/Division</u>	<u>Account Description</u>	<u>Revenue</u>	<u>Expense</u>	<u>Description</u>
General	Building Inspections	Contingency		(27,400)	
General	Building Inspections	Capital Outlay - Vehicle		27,400	Purchase an additional vehicle
General	Planning	Contingency		(8,875)	
General	Planning	Maintenance Equipment		8,875	Purchase Panic Button
Total Transfers from Contingency:				36,275	



Chatham County, NC

Text File

File Number: 22-4278

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Public Works

File Type: Resolution

Vote on a request to adopt a Resolution Approving Chatham County Entering into Phase IX of the Triangle Area Water Supply Monitoring Project (TAWSMP) Interlocal Agreement and authorize the county manager to execute the agreement on behalf of the County.

Action Requested: Vote on a request to adopt a Resolution Approving Chatham County Entering into Phase IX of the Triangle Area Water Supply Monitoring Project (TAWSMP) Interlocal Agreement and authorize the county manager to execute the agreement on behalf of the County.

Introduction & Background:

Since 1988 the Triangle Area Water Supply Monitoring Project (TAWSMP) in collaboration with the US Geological Survey (USGS) and the Triangle J Council of Governments (TJCOG), has collected and analyzed regional water quality samples from reservoirs and streams and collected continuous discharge records from streams in the study area. This effort, funded by seven local government partners, including Chatham County, Orange County, Town of Apex, Town of Cary, City of Durham, Town of Hillsborough, and Orange Water and Sewer Authority, is outlined in an interlocal agreement.

Discussion & Analysis:

This agreement provides the basis for a continued collaboration and guidance for Phase IX of this work, which will last from July 2022 to June 2027.

How does this relate to the Comprehensive Plan: n/a

Budgetary Impact: Budgeted in Operating Budget

Recommendation: Vote on a request to adopt a Resolution Approving Chatham County Entering into Phase IX of the Triangle Area Water Supply Monitoring Project (TAWSMP) Interlocal Agreement and authorize the county manager to execute the agreement on behalf of the County.



CHATHAM COUNTY COMMISSIONERS

Karen Howard, Chair
Franklin Gomez Flores, Vice Chair
Mike Dasher
Diana Hales
Robert Logan

COUNTY MANAGER

Dan LaMontagne

Established 1771

P. O. Box 1809, Pittsboro, NC 27312-1809 • Phone: (919) 542-8200

Resolution of the Chatham County Board of Commissioners

A Resolution to Approve Chatham County Entering into Phase IX of the Triangle Area Water Supply Monitoring Project (TAWSMP) Interlocal Agreement

WHEREAS, under Article 20 of Chapter 160A of the North Carolina General Statutes, as amended, cities and counties are authorized to enter into interlocal cooperation undertakings with other local governments for the joint exercise of any power, function, public enterprise, right, privilege, or immunity of local governments in North Carolina; and

WHEREAS, Chatham County is a partner with Orange County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, and the Orange Water and Sewer Authority and desires to participate in an interlocal agreement to continue the Triangle Area Water Supply Water Quality Monitoring Project applicable to certain surface water supplies in the Triangle J Council of Governments Region (Region J); and

WHEREAS, the participants in the Interlocal Agreement agree to fund the water monitoring for the five-year term of the Agreement commencing on July 1, 2022; and

BE IT FURTHER RESOLVED that the Chatham County Board of Commissioners designates and directs the County Manager, or his designee, to take all actions necessary on behalf of the County Board of Commissioners to sign the Phase IX of the Triangle Area Water Supply Monitoring Project (TAWSMP) Interlocal Agreement.

Adopted, this the _____ day of _____, 2022.

Karen Howard, Chair
Chatham County Board of Commissioners

ATTEST:

Lindsay K. Ray, NCCCC, Clerk to the Board Chatham County Board of Commissioners

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

STATE OF NORTH CAROLINA
COUNTY OF CHATHAM
COUNTY OF DURHAM
COUNTY OF ORANGE
COUNTY OF WAKE

INTERLOCAL AGREEMENT
for
PHASE IX
of the
TRIANGLE AREA WATER SUPPLY MONITORING PROJECT

THIS INTERLOCAL AGREEMENT for PHASE IX of the TRIANGLE AREA WATER SUPPLY MONITORING PROJECT (“Agreement”), also referred to as TAWSMP, is made and entered into by, between and among Chatham County, Orange County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, and the Orange Water and Sewer Authority (hereinafter singularly the “Participants” and collectively “Participants”), to be effective from and after July 1, 2022 (“Effective Date”).

WITNESSETH:

WHEREAS, on August 18, 1988, several local governments in the Triangle J Council of Governments Region (Region J), entered into an interlocal agreement to establish the Triangle Area Water Supply Water Quality Monitoring Project (hereinafter, the “Monitoring Project”) applicable to certain surface water supplies in Region J; and

WHEREAS, the local governments participating in the Monitoring Project established a Monitoring Project Steering Committee (hereinafter, the “Committee”) to make technical, financial, and administrative recommendations to the Participants; and

WHEREAS, the Monitoring Project has been continuously funded through a series of Joint Funding Agreements with the US Geological Survey (hereinafter, the “USGS”) through June 30, 2022, as described in Attachment A, as well as through a series of interlocal agreements; and

WHEREAS, the Monitoring Project will complete its Phase VIII monitoring program on June 30, 2022; and

WHEREAS, said Committee has determined that prior Monitoring Project phases met the objectives of measuring water quality conditions and long-term trends in water quality and recommended that additional monitoring be undertaken;

NOW, THEREFORE, the Participants hereto desire to enter into an Interlocal Agreement pursuant to GS 160A-460 *et. seq.* for the purpose of continuing to operate the Monitoring Project. Toward that end, the Participants agree to the following terms and conditions:

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Section 1. Purpose of the Monitoring Project

- A. The primary objectives of the Monitoring Project continue to be to:
 - 1. Supplement existing data on major ions, nutrients, and trace elements to enable determination of long-term water quality trends;
 - 2. Examine the differences in water quality among water supplies within the region, especially differences among smaller upland sources, large multi-purpose reservoirs, and run-of-river supplies;
 - 3. Provide tributary loading data and in-lake data for predictive modeling;
 - 4. Establish a database for constituents of concern in surface waters in the region; and
 - 5. Report results of the monitoring program to governmental officials, the scientific community, and the public.
- B. The objectives for Phase IX of the Monitoring Project are to:
 - 1. Characterize and report water quality monitoring results
 - a. Perform monitoring of major ions, nutrients, suspended sediment, and chlorophyll-a to document water-quality conditions throughout the study area and to extend the existing database that the USGS can use in the future to evaluate loads and trends.
 - b. Monitor the occurrence and distribution of additional parameters of concern to local water suppliers, including bromide and 1,4-dioxane at select sites (see Table 1), and per- and polyfluoroalkyl substances (PFAS) at all sites.
 - c. Summarize project water-quality data collection in annual data release updates comprising all environmental and QA/QC sample results.
 - 2. Characterize regional surface water availability
 - a. Provide information on flow conditions in reservoir tributaries by continuing to operate a network of 10 gaging stations for the collection of continuous streamflow data. Note that the USGS operates 2 additional gages at TAWSMP sites; they are funded by the U.S. Army Corps of Engineers rather than TAWSMP partners. All streamflow data will be made publicly available in real time at <https://waterdata.usgs.gov/nc/nwis/rt>.
 - 3. Develop interpretive science products to disseminate data and scientific findings
 - a. Produce a two-page fact sheet directed towards the public that TAWSMP partners can use to communicate the goals and benefits of the project
 - b. Publish a report summarizing the results from phases XIII and IX contaminant sampling (PFAS, 1,4-dioxane, bromide, and chromium).

Section 2. Roles of the Participants, Managing Agent, and Committee

- A. The role of the Participants is to provide funds for the local portion of the Monitoring Project costs and to appoint representatives to the Committee.

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

- B. The Managing Agent is the Triangle J Council of Governments. The role of the Managing Agent is to:
1. Enter into Monitoring Project contracts recommended by the Committee;
 2. Provide overall Monitoring Project management services that will include, but not be limited to, coordination among technical contractors, data management and periodic summaries to the Participants; and
 3. Provide administrative support to the Committee, such as meeting announcements, minutes, billing, and overall accounting.
- C. The role of the Committee is to provide Monitoring Project oversight and to make technical, financial, and administrative recommendations to the Participants. The Committee will consist of one representative, selected by each Participant, each entitled to a single vote. Other individuals from each Participant may attend Committee meetings as necessary; however, only the appointed representatives may vote in person or by proxy.

The Committee's first meeting for Phase IX shall be convened by September 1, 2022 and chaired by the selected Phase IX Committee Chair. This Chair and any other officers will be selected by the Committee from among its members and formally elected during this initial meeting. Officer term length shall coincide with the duration of each Phase; however, officer transitions may occur throughout the Phase, if needed, and must be supported by a majority vote. The Committee may use meetings to adopt any rules or procedures it deems necessary. Proposed Committee by-laws are provided in Attachment D.

The principal charge to the Committee is to oversee the Monitoring Project's timely execution, and to ensure the responsible expenditure of public funds. The Committee shall have authority to modify the Monitoring Project's scope of work; to establish an annual budget; and to establish annual local costs (subject to the Participants' approval in accordance with Section 3). TAWSMP may not acquire any real property pursuant to this Agreement.

The agreement with the Managing Agent attached hereto as Attachments E and F is approved by approval of this Agreement, and the Committee Chair is authorized to enter into the agreement with the Managing Agent on behalf of the Committee and the Participants. All actions by the Committee or the Managing Agent related to the administration or disbursement of monies shall be in accordance with all applicable State statutes and other rules of fiscal control applicable to local governmental units and/or Councils of Governments.

Section 3. Funding of the Project

Participants do hereby enter into this Agreement with the intent of providing funds on an annual basis as necessary for completing the Monitoring Project. Local Costs, as outlined in Attachment B, for the entire five-year Phase IX of the Monitoring Project will not exceed \$2,065,800 for technical services provided by USGS, and \$104,000 for administrative services provided by TJCOG, as outlined in Attachment B. The annual funding support provided by Participants for a

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

five-year period, as shown in Attachment B, or as otherwise necessary to undertake the project as recommended by the Committee, provided, however, the funding level does not exceed the Participants' projected share of annual costs for FY (Fiscal Year) 2023-2027 (July 1, 2022 to June 30, 2027). If the Committee proposes to modify the Monitoring Project such that Total Local Costs exceed \$2,169,800, this Agreement must be amended in writing and signed by all Participants.

Participants' annual Local Costs will be determined on or before March 1 preceding each local fiscal cycle for which funds are to be budgeted. Annual Local Costs will be payable on or before August 31st of the fiscal year for which they are budgeted. Payments will be made to the Managing Agent as herein designated. Failure to pay by August 31st will result in accrual of interest beginning September 1 at a rate of $\frac{3}{4}$ of one percent per month (9% annual; over and above any limits on annual Local Costs).

Section 4. Terms of Agreement

- A. This agreement shall become effective July 1, 2022 and shall continue until the completion of the Monitoring Project, or until June 30, 2027, whichever is earlier, unless otherwise extended.
- B. Participants may withdraw from, or additional units of local government may join, this partnership, effective July 1 of any year, provided they have given formal written notice is delivered to the Monitoring Project Committee Chair **and** the Managing Agent by February 1 of that calendar year. Written notice of withdrawal is deemed sufficient only if it is signed by an individual holding the same position as the signatory of this Agreement. Any Participant wishing to withdraw from the Monitoring Project that has not provided a formal written notice to withdraw by March of that calendar year will be legally required to pay its agreed upon Local Cost, as described in Attachment B.
- C. All matters relating to this Agreement shall be governed by the laws of the State of North Carolina, and venue for any action relating to this Agreement shall be in Durham County Civil Superior Court or the United States District Court for the Middle District of North Carolina.
- D. In consideration of the signing of this Agreement, the Participants hereto for themselves, their agents, officials, and employees and servants agree not to discriminate on any prohibited basis.
- E. The Participants agree that this Agreement is subject to the E-Verify requirements of Article 2 of Chapter 64 of the North Carolina General Statutes and any contractor or subcontractor performing services under this Agreement shall be required to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes.
- F. The Participants by executing this Agreement certify that as of the date of this Agreement they are not on the Final Divestment List as created by the State Treasurer pursuant to North Carolina General Statute 147-86.58 and they are in compliance with the requirements of the Iran Divestment Act and North Carolina General Statute 147-86.60.

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

They shall not utilize in the performance of this Agreement any subcontractor that is identified on the Final Divestment List.

- G. This Agreement may only be amended in writing and any amendment must be signed by all Participants.
- H. No Participant shall assign or transfer its interest in this Agreement without the written consent of all other Participants.

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Dan LaMontagne, County Manager
Chatham County

ATTEST: _____

Roy Lynch, Finance Officer
Chatham County

ATTEST: _____

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Bonnie B. Hammersley, County Manager
Orange County

ATTEST: _____

Gary Donaldson, Chief Financial Officer
Orange County

ATTEST: _____

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

ATTEST: _____

Catherine Crosby, Town Manager
Town of Apex

Certificate of Town of Apex Finance Director

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

Vance Holloman, Finance Director

Date

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Sean R. Stegall, Town Manager
Town of Cary

ATTEST: _____

Certificate of Town of Cary Finance Director

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

Kimberly Branch, Finance Director

Date

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Wanda Page, City Manager
City of Durham

ATTEST: _____

Diana Schreiber, City Clerk
City of Durham

ATTEST: _____

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

Tim Flora, Finance Officer

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Eric Peterson, Town Manager
Town of Hillsborough

ATTEST: _____

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

Tiffany Long, Finance Director
Town of Hillsborough

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Todd Taylor, P.E., Executive Director
Orange Water and Sewer Authority

ATTEST: _____

This instrument has been preaudited in the manner required by the Local Government Budget and Fiscal Control Act.

Stephen Winters, CPA, Director of Finance
Orange Water and Sewer Authority

ATTACHMENT A

**SUMMARY OF TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
PARTNERSHIP, AUGUST 1988 – JUNE 2022**

Due to reliance on surface water for water supply and the potential impact of growth on the quality of the region's water supply sources, local governments in the region recognize that water quality monitoring is crucial to the protection of the Triangle Area's surface water resources. In 1988, a number of local governments in the six-county region, with assistance from the Triangle J Council of Governments, formed the Triangle Area Water Supply Monitoring Project to systematically evaluate the quality of several water supply sources in the region. With assistance from the US Geological Survey (USGS), the Project has collected and analyzed water quality samples from reservoirs and streams and collected continuous discharge records from streams in the study area for nearly 30 years. These data, along with data collected by the North Carolina Division of Water Resources (DWR) and with data collected as part of a program of the USGS, the US Army Corps of Engineers, and the City of Durham, form a long-term comprehensive database on the quality of many of the area's water supply reservoirs and rivers, and selected tributaries to those water supplies.

In the last 30 years, concerns about water quality of the area's water supplies and the impact of development on reservoir eutrophication and contaminant concentrations have remained prominent, although specific concerns have changed. Monitoring initially focused on determining the occurrence of synthetic organic compounds in the water column and bed sediments; later monitoring and interpretive efforts focused on nutrient and sediment loads and trends. Issues such as the occurrence of disinfection by-products, microbial pathogens, and pharmaceutical and personal care products have also been addressed.

Throughout the history of the Project, the local government partnership has leveraged its local contributions with a major cost share match through a Joint Funding Agreement with the US Geological Survey. Phase I of the Project began with the execution of an interlocal agreement on August 18, 1988. At that time, the local government partners consisted of Chatham County, Orange County, the Town of Apex, the Town of Carrboro, the Town of Cary, the Town of Chapel Hill, the City of Durham, the Town of Hillsborough, the Town of Pittsboro, the City of Raleigh, the City of Sanford, and the Town of Smithfield. Phase I concluded on June 30, 1991.

Phase II of the Project began on July 1, 1991 with the execution of an amendment to the original interlocal agreement. At that time, the local government partners consisted of Chatham County, Orange County, the Town of Apex, the Town of Carrboro, the Town of Cary, the Town of Chapel Hill, the City of Durham, the Town of Hillsborough, the City of Raleigh, the City of Sanford, and the Town of Smithfield. The Town of Pittsboro had left the Project after Phase I. Phase II concluded on June 30, 1995.

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Phase III of the Project began on July 1, 1995 with the execution of an amendment to the original interlocal agreement. At that time, the local government partners consisted of Chatham County, Orange County, the Town of Apex, the Town of Carrboro, the Town of Cary, the Town of Chapel Hill, the City of Durham, the Town of Hillsborough, and the City of Sanford. The City of Raleigh and the Town of Smithfield had left the Project after Phase II. Phase III concluded on June 30, 1999.

During Phase III, the Town of Chapel Hill and the Town of Carrboro agreed that the Orange Water and Sewer Authority would enter into the same interlocal agreement on behalf of the Town of Chapel Hill and the Town of Carrboro to continue the Project from that point forward.

Phase IV of the Project began on July 1, 1999 with the execution of an amendment to the original interlocal agreement. At that time, the local government partners consisted of Chatham County, Orange County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, and the Orange Water and Sewer Authority. The City of Sanford had left the Project after Phase III. Phase IV concluded on June 30, 2003.

Phase V of the Project began on July 1, 2003 with the execution of an amendment to the original interlocal agreement. At that time, the local government partners consisted of Chatham County, Orange County, Wake County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, the Town of Morrisville, and the Orange Water and Sewer Authority. Wake County and the Town of Morrisville had joined the Project for Phase V. Phase V concluded on June 30, 2007. During Phase V, the City of Raleigh rejoined the Project with the execution of a confirmation of understanding effective on July 1, 2005.

Phase VI of the Project began on July 1, 2007 with the execution of a new interlocal agreement. At that time, the local government partnership consisted of Chatham County, Orange County, Wake County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, the City of Raleigh, the Orange Water and Sewer Authority, and the South Granville Water and Sewer Authority. The Town of Cary assumed the cost share and responsibilities of the Town of Morrisville, and the South Granville Water and Sewer Authority joined the Project. The City of Raleigh, Wake County, and the South Granville Water and Sewer Authority withdrew from the Project in the 5th year of Phase VI. Phase VI concluded on June 30, 2012.

Phase VII of the Project began on July 1, 2012 with the execution of a new interlocal agreement. At that time, the local government partnership consisted of Chatham County, Orange County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, and the Orange Water and Sewer Authority. The Town of Cary assumed the cost share and responsibilities of the Town of Morrisville. Phase VII will conclude on June 30, 2017.

Phase VIII of the Project began on July 1, 2017 with the execution of a new interlocal agreement. At that time, the local government partnership consisted of Chatham County, Orange County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, and the Orange Water and Sewer Authority. The Town of Cary assumed the cost share and responsibilities of the Town of Morrisville. Phase VIII concluded on June 30, 2022.

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

Phase IX of the Project will begin on July 1, 2022 with the execution of a new interlocal agreement. At that time, the local government partnership will consist of Chatham County, Orange County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, and the Orange Water and Sewer Authority. The Town of Cary will assume the cost share and responsibilities of the Town of Morrisville. Phase IX will conclude on June 30, 2027.

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
INTERLOCAL AGREEMENT

ATTACHMENT B

**TAWSMP ANNUAL COST SHARES FOR PHASE IX:
FY 2023 – FY 2027 (July 1, 2022 to June 30, 2027)**

The total annual Participant cost for Phase IX of the Triangle Area Water Supply Monitoring Project is \$433,960.00, as reflected in Table 1.

Table 1. Annual Participant Cost Share for Phase IX of the Triangle Area Water Supply Monitoring Project by Federal fiscal year (October-September). [TAWSMP, Triangle Area Water Supply Monitoring Project; USGS, U.S. Geological Survey]

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT Yearly Cost Estimate for Phase IX

Project Partners	Reservoir	2018 Raw Water Withdrawal ¹	2019 Raw Water Withdrawal ¹	2020 Raw Water Withdrawal ¹	2018, 2019, 2020 Raw Water Withdrawal Average	Share of Total Water Use 2020	Base Rate	Variable Rate Cost Share	Annual Cost Share
		(mgd) ¹	(mgd) ¹	(mgd) ¹	(mgd) ¹		(Base Cost Percentage * Total Yearly Fee) Divided by 3 or 4 (Cary)	(1 minus base rate)(Yearly Fee)(Share of total water use)	base rate + variable rate
Apex	B. Everett Jordan	4.34	4.58	4.81	4.58	7.4%	\$16,273.5	\$22,389	\$38,663
Cary (includes Morrisville)	B. Everett Jordan	19.12	19.51	19.20	19.28	31.0%	\$32,547.0	\$94,303	\$126,850
Chatham County (North Water System)	B. Everett Jordan	1.83	2.00	1.94	1.92	3.1%	\$16,273.5	\$9,409	\$25,683
	B. Everett Jordan, Teer/Hanson Quarry, Lake Michie, Little River Reservoir	26.67	29.60	27.25	27.84	44.8%	\$16,273.5	\$136,196	\$152,469
Durham	Eno River, Lake Ben Johnson	1.54	1.58	1.85	1.59	2.6%	\$16,273.5	\$7,775	\$24,049
Hillsborough ²	Eno River, Corporation Lake	0.05	0.05	0.05	0.05	0.1%	\$16,273.5	\$260	\$16,534
Orange County ³	Cane Creek Reservoir, Jordan Lake, University Lake	7.75	6.51	6.25	6.84	11.0%	\$16,273.5	\$33,439	\$49,713
Orange Water and Sewer Authority					62.09	1.00	\$130,188.00	\$303,772.00	\$433,960
Total									

Base Cost Percentage

0.3

Notes:

1. Raw water withdrawals provided in 2018, 2019, and 2020 in Local Water Supply Plans <https://www.ncwater.org/WUDC/app/LWSP/>.
2. 2020 raw water withdrawals from Hillsborough from Marie Strandwitz, personal communication
3. Orange County's Average Annual Daily Water Use is based on the percentage of the Orange-Alamance Water System service area. Chris Sandt provided the 0.3 X 0.579 value on 9/29/2021 to Emily Barrett located within Orange County, as indicated in its 2015 Local Water Supply Plan.
4. Orange-Alamance Water System service area in Orange County = 30%
5. Triangle Area Water Supply Monitoring Project Cost Share Calculation Based on 10/6/2021 Vote
6. The scenario chosen was "5-mod-3" which is Baseline WQ +streamlined toxics +report +PFAS for 1 year (DOES include Hillsborough and DOES NOT include Haw)
7. There are 3 partners. Cary is the water provider for Morrisville, so pays a greater share of the base rate to reflect that they pay for Cary and Morrisville.

The total 5-year USGS project cost is \$3,332,000. The US Geological Survey will provide a thirty-eight percent cost share match of \$1,266,200. The Participant's total five-year cost share is \$2,065,800 plus \$104,000 for five years of TJCOG administration.

The Monitoring Project Participants' total annual cost for Phase VIII is \$413,160, plus \$20,800 for TJCOG services and support. The Monitoring Project Participants' individual annual cost shares are the sum of a base rate and a variable rate. The base rate is thirty percent of the total annual Monitoring Project Participants' cost, which is thirty percent of \$433,960, divided equally among the Monitoring Project Participants. The variable rate is seventy percent of the total annual Monitoring Project Participants' cost, which is seventy percent of \$433,960, multiplied by each Monitoring Project Participants' share of total water use, as calculated by the average raw water withdrawals in 2018, 2019, and 2020, except as noted in the notes for Table 1.

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ATTACHMENT C

Tables 2, 3, and 4 below, are from the US Geological Survey's *Proposal to the Triangle Area Water Supply Steering Committee for Water Quality Monitoring and Assessment of Selected Streams and Reservoirs in the Triangle Area of North Carolina: Phase IX of the Triangle Area Water Supply Monitoring Project, July 2022 through June 2027.*

Table 2. List of monitoring locations and activities supported by this proposal. [COC, contaminants of concern; USGS, U.S. Geological Survey; NC, North Carolina; USACE, U.S. Army Corps of Engineers; --, not applicable. Site locations are shown in Figure 1.]

Map number	USGS station number	USGS site name	Site type	Relevant water supply	Monitoring type			
					Streamflow ¹	Ambient/bi-monthly	Storm-event	COC sampling
1	0208480275	West Fork Eno Reservoir at Dam near Cedar Grove	Reservoir	West Fork Eno Reservoir, Eno River, Falls Lake	---	USGS	---	PFAS
2	0208524845	Little River Reservoir at Dam near Bahama	Reservoir	Little River Reservoir	---	USGS	---	PFAS
3	02086490	Lake Michie at Dam near Bahama	Reservoir	Lake Michie	---	USGS	---	PFAS
4	0209684980	Cane Creek Reservoir at Dam near White Cross	Reservoir	Cane Creek Reservoir	---	USGS	---	PFAS
5	0209699999	Jordan Lake, Haw River Arm near Hanks Chapel	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
6	0209749990	University Lake at intakes near Chapel Hill	Reservoir	University Lake	---	USGS	---	PFAS
7	0209768310	Jordan Lake at Buoy 12 at Farrington	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
8	0209799150	Jordan Lake above U.S. Highway 64 near Wilsonville	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
9	0209801100	Jordan Lake at Bells Landing near Griffins Crossroad	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
10	02085000	Eno River at Hillsborough	Stream	Eno River, Falls Lake	USGS	USGS	USGS	PFAS
11	02096846	Cane Creek near Orange Grove	Stream	Cane Creek Reservoir	USGS	USGS	USGS	PFAS
12	02097464	Morgan Creek near White Cross	Stream	Jordan Lake	USGS	USGS	USGS	PFAS
13	0209782609	White Oak Creek at mouth near Green Level	Stream	Jordan Lake	USGS	USGS	USGS	Bromide, 1,4-dioxane, PFAS
14	02085070	Eno River near Durham	Stream	Eno River, Falls Lake	USGS	(NCDEQ)	USGS	PFAS
15	0208521324	Little River at SR 1461 near Orange Factory	Stream	Little River Reservoir	USGS	(NCDEQ)	USGS	PFAS
16	02085500	Flat River at Bahama	Stream	Lake Michie	USGS	(NCDEQ)	USGS	PFAS
17	02096960	Haw River near Bynum	Stream	Jordan Lake	(USACE)	(NCDEQ)	USGS	Bromide, 1,4-dioxane, PFAS

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18	02097314	New Hope Creek near Blands	Stream	Jordan Lake	USGS	(NCDEQ)	USGS	Bromide, 1,4-dioxane, PFAS
19	020974195 5	Northeast Creek at SR 1100 near Genlee	Stream	Jordan Lake	USGS	(NCDEQ)	USGS	PFAS
20	02097517	Morgan Creek near Chapel Hill, NC	Stream	Jordan Lake	USGS	(NCDEQ) ²	USGS	Bromide, 1,4-dioxane, PFAS
21	02098198	Haw River below B. Everett Jordan Dam near Moncure	Stream	Jordan Lake	(USACE)	(NCDEQ)	USGS ³	Bromide, 1,4-dioxane, PFAS

¹ Gage funded through separate agreement with agency shown in parentheses

² NCDEQ conducts ambient monitoring at a downstream location (Morgan Creek near Farrington)

³ Streamflow from a nearby gage, USGS site number 02098206 (Haw River near Moncure, NC)

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Table 3. Annual sampling schedule, by site category, for sites sampled by the U.S. Geological Survey. [X, sampling is conducted at all stream or reservoir sites during this month.]

Survey: 11. Sampling is conducted at all stream or reservoir sites during this month.

Type of Sampling	Month											
	J	F	M	A	M	J	J	A	S	O	N	D
4 STREAM SITES (BIMONTHLY)												
Physical properties (temperature, dissolved oxygen, pH, specific conductance, and turbidity), nutrients, major ions, suspended sediment, 1,4-dioxane, PFAS ¹		X		X		X		X		X		X
8 STREAM SITES (STORM RUNOFF ONLY)												
Physical properties, nutrients, major ions, suspended sediment, 1,4-dioxane, PFAS ¹	Maximum of 10 samples per year distributed among all stream sites during periods of runoff and (or) high flow											
9 RESERVOIR SITES (BIMONTHLY)												
Vertical profiles of physical properties; water clarity (secchi depth)		X		X		X		X		X		X
Near-surface: alkalinity, major ions, iron, manganese, 1,4-dioxane, PFAS ¹		X		X		X		X		X		X
Photic-zone vertical-composite: nutrients and chlorophyll <i>a</i>		X		X		X		X		X		X
Near-bottom: nutrients, iron, manganese		X		X		X		X		X		X

¹PFAS sampling will occur during water year 2024 only

Table 4. Water-quality properties, constituents, and analyzing laboratories. [NWIS, National Water Information System; CAS, Chemical Abstracts Service; --, not applicable; °C, degrees Celsius; USGS, U.S. Geological Survey; SAWSC, South Atlantic Water Science Center; NWQL, National Water Quality Laboratory; mg/L, milligrams per liter; µS/cm, microsiemens per centimeter; s.u., standard units; NTRU, nephelometric turbidity units; m, meters; µg/L, micrograms per liter; tbd, to be determined.]

Constituent	NWIS codes		CAS number	Detection level (2022)	Reporting level (2022)	Unit	Analyzing entity
	Parameter	Method					
FIELD AND PHYSICAL PROPERTIES							
Water temperature	10	THM01	--	--	0.1	°C	USGS SAWSC (in-field readings)
Dissolved oxygen	300	LUMIN	--	--	0.1	mg/L	
Specific conductance at 25 °C	95	SC001	--	--	1	µS/cm	
pH	400	PROBE	--	--	0.1	pH	
Acid neutralizing capacity	419	TT065	471-34-1	--	5	mg/L	
Turbidity	63676	TS196	--	--	0.1	NTRU	
Secchi depth (reservoirs)	78	SECCH	--	--	0.1	m	
Depth to 1 percent incident light (reservoirs)	85328	--	--	--	0.1	m	
Suspended sediment (streams)	80154	various	--	--	1	mg/L	USGS Kentucky

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							Sediment Lab
NUTRIENTS AND CHLOROPHYLL							
Nitrogen, ammonia	608	SHC02	7664-41-7	0.02	0.04	mg/L	USGS NWQL
Nitrogen, ammonia + organic	625	KJ008	17778-88-0	0.07	0.14	mg/L	
Nitrogen, nitrite + nitrate	631	RED02	--	0.01	0.02	mg/L	
Phosphorus, orthophosphate	671	PHM01	14265-44-2	0.004	0.008	mg/L	
Phosphorus, total	665	CL021	7723-14-0	0.003	0.006	mg/L	
Chlorophyll a (reservoirs)	70953	FL016	479-61-8	--	0.1	mg/L	USGS NWQL
Pheophytin a (reservoirs)	62360	FL016	603-17-8	--	0.1	mg/L	
MAJOR IONS							
Bromide	71870	IC027	24959-67-9	0.01	0.02	mg/L	USGS NWQL
Calcium	915	PLA11	7440-70-2	0.02	0.04	mg/L	
Chloride	940	IC022	16887-00-6	0.02	0.04	mg/L	
Fluoride	950	IC003	16984-48-8	0.01	0.02	mg/L	
Magnesium	925	PLA11	7439-95-4	0.01	0.02	mg/L	
Potassium	935	PLO03	7440-09-7	0.3	0.6	mg/L	
Silica	955	PLA11	7631-86-9	0.05	0.1	mg/L	
Sodium	930	PLA11	7440-23-5	0.4	0.8	mg/L	
Sulfate	945	IC022	14808-79-8	0.02	0.04	mg/L	
METALS							
Iron (reservoirs)	1045	PLO07	7439-89-6	5	10	mg/L	USGS NWQL
Manganese (reservoirs)	1055	PLO07	7439-96-5	0.2	0.4	mg/L	
ORGANIC COMPOUNDS							
Organic carbon, total	680	COMB9	--	0.7	1.4	mg/L	USGS NWQL
1,4-Dioxane	81582	GM016	123-91-1	0.1	0.2	mg/L	USGS NWQL
PFAS	tbd	tbd	tbd	tbd	tbd	ng/L	tbd

**MEETING AND DECISION-MAKING BY-LAWS
for the
TRIANGLE AREA WATER SUPPLY MONITORING PROJECT**

ARTICLE I- MEETINGS OF THE STEERING COMMITTEE

- 1. Meeting Frequency:** Regular quarterly meetings of the Steering Committee shall be held on such date and at such time and place as may be set by the Steering Committee. In addition, the Steering Committee may conduct additional regular meetings at such times and places as the Steering Committee shall determine. All meetings will be held in accordance with North Carolina open meetings statutes.
- 2. Notice of Meetings:** Notice of each meeting of the Steering Committee shall be in writing, shall state the place, day, and hour of the meeting and, in the case of a special meeting, shall state the purpose or purposes for which such meeting is called. Each such notice shall be given in accordance with the State of North Carolina's open meetings laws. All notices shall be delivered by email to Steering Committee representatives.
- 3. Proxy:** A representative may be represented at any meeting or meetings of the Steering Committee or vote and exercise any other rights at any meeting by proxy or proxies appointed in writing signed by such representative and delivered by email, mail or facsimile to the Managing Agent at the time of such meeting.
- 4. Officers:** Per the ILA, the Chair and Vice Chair officers will be selected by the Committee from among its members and formally elected during the kickoff meeting for each Phase. The Vice Chair position will serve as acting Chair in the event of the Chair's absence at any Committee meeting or other affair. Officer term length shall coincide with the duration of each Phase; however, officer transitions may occur throughout the Phase if needed and supported by a majority vote.
- 4. Voting:** The action of a simple majority of the representatives present and voting at a meeting at which a quorum (see below) is present shall be the action of the Steering Committee. Each Participant shall be entitled to one (1) representative and one (1) vote on any matter coming before the Steering Committee of the partnership.
 - (a) Quorum:** A quorum shall consist of at least one-half of the Steering Committee representatives, each one representing a different Participant, present in person or by proxy. A majority of the Steering Committee representatives present at a meeting, whether or not a quorum is present, may adjourn such meeting from time to time until a quorum is present. The Steering Committee may act by consensus or majority vote of the representatives present. Voting may take place by email, by telephone conference, by facsimile, by written ballot, or by vote at a duly called meeting. Once a quorum is present at a meeting, the exiting or abstention of any representative shall not remove

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such quorum and all business which otherwise could have been conducted at such meeting may continue to be conducted.

- 5. Rules of Order:** All meetings shall be conducted according to Robert's Rules of Order, newly revised, except as otherwise noted in these by-laws.

ARTICLE II- AMENDMENTS TO BY-LAWS

Amendments to these by-laws may be approved by an affirmative vote of the majority of the Steering Committee, provided written notice of the proposed changes have been provided to all representatives at least thirty (30) days prior to the vote being taken. Amendments shall take effect immediately upon their adoption unless specified otherwise in the amendment.

ARTICLE III- ADOPTION OF BY-LAWS

The TAWSMP Steering Committee has approved these by-laws on the ____ day of _____ in the year _____, by a vote of _____ for to _____ against.

BY:

ATTEST:

Katie Harwell, Chair
Orange Water and Sewer Authority

Witness

Sarah Braman
Town of Cary

Witness

David Hardin
Town of Apex

Witness

Chris Summerlin
Chatham County

Witness

Reginald Hicks
City of _____

Witness
Durham

Marie Strandwitz

Witness

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Town of Hillsborough

Wesley Poole
Orange County

Witness

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ATTACHMENT E

AGREEMENT BETWEEN THE
TRIANGLE AREA WATER SUPPLY MONITORING PROJECT STEERING COMMITTEE
AND
TRIANGLE J COUNCIL OF GOVERNMENTS
REGARDING THE OVERALL MANAGEMENT OF THE
WATER QUALITY MONITORING PROJECT

This Agreement is entered into this ____ day of _____, 2022 by and between the Triangle Area Water Supply Monitoring Project Steering Committee, hereinafter called the Committee, and the Triangle J Council of Governments, hereinafter called the Managing Agent.

WHEREAS, Chatham County, Orange County, the Town of Apex, the Town of Cary, the City of Durham, the Town of Hillsborough, and the Orange Water and Sewer Authority (hereinafter called the “Participants”) have entered into an Interlocal Agreement effective July 1, 2022 (‘Interlocal Agreement’) for the purpose of facilitating a water quality monitoring project for the Triangle Area surface water supplies, hereinafter called the “Project;” and

WHEREAS, those counties, municipalities and authorities have created a Steering Committee and empowered the Chair to enter into this agreement.

NOW, THEREFORE, BE IT RESOLVED, that the Committee and Managing Agent hereby mutually agree as follows:

Section 1. Purpose

The purpose of this Agreement is to provide for the overall administration of the Project, as reflected in Attachment F.

Section 2. Scope of Services

The Managing Agent shall perform the tasks necessary for overall Project administration. The Managing Agent will act on the Committee’s behalf in all of the Committee’s contractual agreements.

The general procedure that will be followed will be one of day-to-day management and oversight of the Project by the Managing Agent, performed within the context of regular consultation with Committee members and other technical advisors and contractors to the Project.

The Managing Agent agrees to provide the services hereinafter set forth:

- A. Collaboration with the Project’s technical contractors to review and provide input on products, reports, and other documents, create informational materials, and to relay pertinent information to the Steering Committee and Participants as needed;

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- B. Day to day oversight of the Project's contracts and agreements, ensuring that objectives are achieved and milestones are met according to contract/agreement specifications;
- C. Maintenance of the Project's financial records and other bookkeeping activities, including the collection of local funds committed to the Project and payment of contractors;
- D. Maintenance of records to ensure compliance with all applicable State statutes and other rules of fiscal control applicable to local government units;
- E. Staff support to the Project Steering Committee, including meeting room facilities, announcements, and minutes;
- F. Periodic written and verbal reports of progress toward the Project's overall objectives, as stated in Section 1 of the July 1, 2022 Interlocal Agreement, including quarterly progress reports;
- G. Liaison between the Committee and its technical consultants regarding any modifications that may be needed to better meet those objectives; and
- H. Preparation of a draft Annual Administrative Workplan that will clearly define expectations, deliverables, and schedule milestones for the subsequent fiscal year. A draft Workplan will be provided by the Managing Agent to the Committee for their consideration by April 1 prior to the beginning of the applicable fiscal year.
- I. Participation in any Committee annual performance review of the Managing Agent.
- J. Other staff support services to assist the Committee in its primary charge of overseeing the Project's timely execution and insuring the responsible expenditure of public funds. This will include working with the Committee to expand the Participant base for the Project, the creation and maintenance of an online document sharing portal for all TAWSMP products, reports, and other information, and any other efforts as determined by a vote of the Committee and included in the adopted Annual Administrative Workplan, and which would not detract from providing the services enumerated in Section 2, Parts A through G above.

Section 3. Time of Performance

The services of the Managing Agent will commence on July 1, 2022, and will terminate upon completion of the Project, or on June 30, 2027, whichever is earlier, unless otherwise extended.

Section 4. Compensation

The total compensation to be paid for services outlined in Sections 2 of this Agreement will be \$104,000, payable according to the following schedule unless the Committee invokes by majority vote the Fund Withholding Provision of this section:

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
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June 30, 2018:	\$20,800
June 30, 2019:	\$20,800
June 30, 2020:	\$20,800
June 30, 2021:	\$20,800
June 30, 2022:	<u>\$20,800</u>
Total	\$104,000

All payments shall be made to the Managing Agent from the annual funding support provided by the Participants in the Project.

The Project Steering Committee may review the performance of the Managing Agent as necessary to ascertain fulfillment of work plan obligations. The Committee may, by majority vote, decide that Managing Agent is deficient in providing one or more services enumerated in Section 2. In making such a determination, the Committee shall provide written notice to Managing Agent specifying:

1. In which of the enumerated services there is a deficiency,
2. The funded activity in the Annual Administrative Work Plan which is deficient and the specific nature of the deficiency,
3. The steps Managing Agent needs to take to remedy the deficiency, and
4. The deadline by which the remedy needs to be achieved.

If, after the deadline, the Committee by majority vote determines that the deficiency has not been satisfactorily remedied, the Committee may withhold ten percent of the Managing Agent's compensation for the Fiscal Year covered by the Annual Administrative Work Plan. In the event that Participants have already paid the total annual compensation for the fiscal year, Managing Agent shall return ten percent of the compensation to each Participant.

Section 5. Suspension or Termination

Either Participant may suspend or terminate this Agreement upon 60 days written notice in whole or in part for cause. Cause shall include the following:

- A. Ineffective or improper use of funds;
- B. Failure to comply with the terms and conditions of this Agreement; and
- C. If for any reason the carrying out of this Agreement is rendered impossible or infeasible, including inability of Participants or any one Participant to provide adequate funding.

If the Committee withholds payment, it shall advise the Managing Agent and specify in writing the actions that must be taken and a reasonable date for compliance as a condition precedent to the resumption of payments. If the Committee or the Managing Agent intends to suspend this Agreement, it shall advise the other Participants and specify in writing the actions that must be taken and a reasonable date of compliance in order to avoid suspension of the Agreement. Upon receipt of notice of termination Managing Agent shall immediately cease all services and meet with the Committee to determine what services, if any, shall be required to bring the Project to a reasonable termination in accordance with the Committee's request.

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Section 6. Access to Records

The Managing Agent shall maintain all official Project records and documents during the Project. The Committee shall have access to any books, documents, papers and records of the Managing Agent, which are pertinent to the execution of this Agreement, for the purpose of making audits, examinations, excerpts and transcriptions.

Section 7. Interest Earned on Committee Revenues

The Managing Agent shall place the interest earned on the revenues received from August 9, 1988 until the end of the Project into a deferred revenue account. This account shall offset expenses in the final year of the Project or shall be applied to unforeseen Project expenses, as determined by the Committee.

Section 8. Additional Terms

- A. This Agreement may only be amended in a writing signed by the Participants.
- B. Managing Agent shall not assign or transfer its interest in, nor delegate its duties under this Agreement.
- C. This Agreement shall be governed by the laws of the State of North Carolina. Any and all suits or actions related to this Agreement shall be brought in Wake County N.C. as defined in Section 4 of the Interlocal Agreement.
- D. The Participants agree that this Agreement is subject to the E-Verify requirements of Article 2 of Chapter 64 of the North Carolina General Statutes and any contractor or subcontractor performing services because of this Agreement shall be required to comply with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes.
- E. The Participants by executing this Agreement certify that as of the date of this Agreement they are not on the Final Divestment List as created by the State Treasurer pursuant to North Carolina General Statute 147-86.58 and they are in compliance with the requirements of the Iran Divestment Act and North Carolina General Statute 147-86.60. They shall not utilize in the performance of this Agreement any subcontractor that is identified on the Final Divestment List.
- F. If any provision of this Agreement is held as a matter of law to be unenforceable, the remainder of this Agreement shall be enforceable without such provision.

By:

Katie Harwell, Chair, Triangle Area Water Supply Monitoring Project Steering Committee

By:

Lee Worsley, Executive Director, Triangle J Council of Governments

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INTERLOCAL AGREEMENT

ATTACHMENT F

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
PHASE IX: JULY 2022 THROUGH JUNE 2027

Water Quality Monitoring and Assessment of Selected Streams and Reservoirs in the Triangle
Area of North Carolina

Submitted to

**Triangle Area Water Supply Monitoring Project
Steering Committee**

prepared by

Rosemary Fanelli
U.S. Geological Survey
3916 Sunset Ridge Road
Raleigh, North Carolina 27607
Email: rfanelli@usgs.gov

February 2022

BACKGROUND

The Triangle area is a multi-county region located within the upper Cape Fear and Neuse River basins in the Piedmont Physiographic Province of North Carolina (Figure1). Municipal suppliers obtain raw water from lakes and rivers in the Triangle area. All surface waters in the study area are designated “nutrient sensitive”, meaning these waters are particularly vulnerable to excessive algal growth from elevated nutrient inputs (NCDEQ, 2019). Although some of these streams have high quality water and are designated as such (*e.g.*, the Eno River located in the Neuse River basin), several streams in the Triangle Area Water Supply Monitoring Project (TAWSP) study area are already impaired as indicated by poor biological integrity, low dissolved oxygen,

high turbidity, and excessive fecal coliform bacteria. For example, Jordan Lake and University Lake exceed state criteria for phosphorous, nitrogen and chlorophyll-a (NCDEQ, 2018).

The region has undergone, and continues to undergo, profound increases in population and land use change, which increases the demand on drinking water supplies. From 2010 to 2020, population in Chatham, Durham, Orange, and Wake Counties increased 21% (from 1,368,231 to 1,649,011 persons), with a projected population increase of another 34% in the same four counties by 2040 (North Carolina Office of State Budget and Management, 2021). This population growth not only increases drinking water demand, but also puts water supplies at risk. Development to accommodate growing populations can increase nutrient and sediment loading, increase wastewater discharge volumes, and may also add contaminant sources, such as industrial facilities, to the landscape.

Recognizing these potential impacts of population growth and landscape change on water-supply quality and quantity, local governments have committed to long-term monitoring and assessment to protect the area's water-supply resources. In 1988, several local governments joined to form the TAWSMP to systematically evaluate the quality of water-supply sources in the region. With cooperative assistance from the U.S. Geological Survey (USGS), the TAWSMP has collected and analyzed water-quality samples from reservoirs and streams and continuous records of streamflow in the study area for over 30 years. Data collected by the TAWSMP, the NCDEQ, and cooperative programs between the USGS and the U.S. Army Corps of Engineers (USACE), the Upper Cape Fear River Basin Association, and numerous city and county governments form a long-term, comprehensive database for streamflow and water quality in the Triangle area.

The impact of development on reservoir eutrophication and the need to track contaminants that affect water-supply suitability have been consistent concerns since the project began. The USGS has used project data to quantify trends in water-quality and loads of nutrients and sediment from major tributaries. During previous project phases, pesticides and PCBs, disinfection by-products, microbial pathogens, and U.S. Environmental Protection Agency (USEPA) priority pollutants also were investigated, and a series of USGS reports have been published (e.g., McKee and others, 2021, Giorgino and others, 2007). The sustainability of water supplies depends on water availability as well as water quality; therefore, the 10 streamflow-gaging stations that are supported by this project are extremely valuable to local partners.

PROBLEM

Developmental pressure from population growth in the Triangle area continues to increase demands on surface-water supplies. At the same time, ongoing urbanization, eutrophication of water-supply reservoirs, and potential impacts from a changing climate challenge the long-term sustainability of the region's water supplies. Municipal and county agencies who manage public drinking-water utilities within the Triangle area have an ongoing need for consistent, long-term monitoring and interpretation to ensure the availability and quality of future drinking-water supplies.

Public health concerns regarding emerging contaminants and their impacts on water supplies remains a concern in the region. Bromide, which contribute to the formation of brominated trihalomethanes during the water treatment process, and 1,4-dioxane, an organic solvent that is a probable human carcinogen, were monitored during the previous phase of this project (phase

XIII, which included water years 2017-2021). This monitoring revealed intermittent elevated levels of 1,4-dioxane in Jordan Lake and its main tributary, the Haw River, and samples above 0.05 mg/L of bromide in Jordan Lake, the Haw River, and two additional tributaries (New Hope Creek and White Oak Creek). Previous monitoring for hexavalent chromium did not reveal any major concerns. There is also growing concern over per- and poly-fluoroalkyl substances (PFAS) in the region, given confirmed sources in upstream municipalities of the Haw River watershed (Nakayama et al. 2007, Sun et al. 2016). These findings support the continued need for contaminant monitoring in the region.

OBJECTIVE

The primary objectives of the TAWSMP are to continue monitoring water quality at a network of 21 water-supply reservoir and stream sites and streamflow at 10 gaging stations, and to provide new information on the occurrence and distribution of contaminants of concern to water suppliers. The USGS proposes to continue to monitor bromide and 1,4-dioxane at sites with previous occurrences, and to conduct a one-year sampling campaign across all sites for PFAS. The long-term monitoring program for conventional water-quality constituents will also continue this phase. Efforts will be made to ensure public awareness and understanding of the project and the quality of water-supply sources in the region through periodic presentations, social media outreach activities, and by maintaining a project web site. Specific objectives proposed for Phase IX of the TAWSMP are:

1. Characterize and report water quality monitoring results

- a. Perform monitoring of major ions, nutrients, suspended sediment, and chlorophyll-a to document water-quality conditions throughout the study area and to extend the existing database that the USGS can use in the future to evaluate loads and trends.
- b. Monitor the occurrence and distribution of additional parameters of concern to local water suppliers, including bromide and 1,4-dioxane at select sites (see Table 1), and PFAS at all sites.
- c. Summarize project water-quality data collection in annual data release updates comprising all environmental and QA/QC sample results.

2. Characterize regional surface water availability

- a. Provide information on flow conditions in reservoir tributaries by continuing to operate a network of 10 gaging stations for the collection of continuous streamflow data. Note that the USGS operates 2 additional gages at TAWSMP sites; they are funded by the U.S. Army Corps of Engineers rather than TAWSMP partners. All streamflow data will be made publicly available in real time at <https://waterdata.usgs.gov/nc/nwis/rt>.

3. Develop interpretive science products to disseminate data and scientific findings

- a. Produce a two-page fact sheet directed towards the general public that TAWSMP partners can use to communicate the goals and benefits of the project
- b. Publish a report summarizing the results from phases XIII and IX contaminant sampling (PFAS, 1,4-dioxane, bromide, and chromium)

PROJECT SCOPE

The study area for Phase IX includes portions of the Cape Fear River basin upstream from the confluence of the Haw and Deep Rivers (just below Jordan Lake) and the Neuse River basin upstream from Falls Lake (Figure 1). The sampling sites lie within Chatham, Durham, and Orange Counties and represent water-supply sources for Chatham County, Orange County, Orange Water and Sewer Authority, Hillsborough, Durham, Apex, Cary, and Morrisville. Sites are located in a large multipurpose reservoir (Jordan Lake), five upland water-supply reservoirs (West Fork Eno Reservoir, Little River Reservoir, Lake Michie, Cane Creek Reservoir, and University Lake), and selected tributaries.

Phase IX will extend from July 2022 through June 2027. Results will supplement data collected for previous phases of the TAWSMP (Garrett and others, 1994; Childress and Treece, 1996; Childress and Bathala, 1997; Giorgino and others, 2007; 2012; Pfeifle and others, 2014; 2016a; 2016b, Pfeifle and others, 2019; Pfeifle and others, 2021) and USGS/U.S. Army Corps of Engineers cooperative studies of inflows to Jordan and Falls Lakes (Garrett, 1990a; Garrett, 1990b). Project activities also complement the NCDEQ Ambient Monitoring System (accessed on January 3, 2022, at: <http://deq.nc.gov/about/divisions/water-resources/water-resources-data/water-sciences-home-page/ecosystems-branch/ambient-monitoring-system>).

Figure 1. Location of the Triangle Area Water Supply Monitoring Project study area and sampling sites in North Carolina. Numbers refer to their respective site IDs in Table 1.

RELEVANCE AND BENEFITS

This study advances knowledge of regional hydrology and water-quality in the Triangle area of North Carolina and benefits both the TAWSMP partners as well as the USGS.

Benefits to the TAWSMP partners and regional stakeholders: This study provides policy makers and water-resource managers with objective information essential for protecting drinking-water supplies in an area where growth is stressing availability, quality, and competition for these supplies. Water-quality and quantity information are collected by the USGS using robust sampling and QA/QC procedures to ensure data integrity. Partners can use this information to respond to public concerns about the safety of the region's water supplies and to anticipate potential risks to water quality and quantity. The study complements existing State and local water-quality monitoring activities in the region and will increase knowledge about the presence of bromide, 1,4-dioxane, PFAS, as well as conventional water-quality constituents in these watersheds. Partners can use project streamflow data to support decisions for implementing water-conservation measures. Streamflow information are also used by a wide range of regional stakeholders, including public citizens, academic researchers, the Upper Neuse and Upper Cape Fear River Basin Associations, and by the NCDEQ for developing water-supply allocations and TMDLs.

Benefits to the USGS: The USGS has used previous project data to analyze trends and loads, develop the USGS StreamStats application, and inform SPARROW models. Data from Phase IX could be used to support similar USGS efforts in the future. For example, the addition of PFAS monitoring to this phase supports activities included in the USGS PFAS Strategic Science

Vision, which includes “...evaluation of the occurrence of PFAS, co-contaminants, water-quality parameters, and explanatory factors in water resources used for drinking water and (or) recreation” (Tokranov and others, 2021). Moreover, the proposed study addresses four Priority Actions outlined in the USGS Water Science Strategy (Evenson and others, 2013):

- Expand and enhance water-resource monitoring networks
- Clarify the linkage between human water use and the water cycle
- Conduct integrated watershed assessment, research, and modeling
- Deliver water data and analyses to the Nation

The project also supports numerous Strategic Actions identified for USGS Water Science (Evenson and others, 2013):

- Seek ways to expand the Nation’s understanding of hydrologic resources not only through its own monitoring networks but also through optimizing the use of hydrologic data collected by and through other public agencies
- Commit to long-term data collection at a core set of nationally important surface-water-quality sites that would constitute a national surface-water-quality observation network
- Working through USGS resources and in collaboration with others, expand USGS capabilities to assemble, integrate, and serve information that assists in the assessment of hydrologic data, with the intent of improving the ability to detect trends, draw comparisons between differing hydrologic settings, lessen uncertainty, and improve the description of hydrologic functions
- Provide resources such as observations, analyses of hydroclimatic processes, and analyses of vulnerabilities in water-supply systems that allow resource managers to develop preparedness and response plans
- Provide scientific expertise to assist water providers in making decisions regarding disaster/emergency declarations, water conservation, water transfers, alternative water supplies, and water conservation during extreme or prolonged water shortages
- Develop tools that provide an understanding of how water-quality degradation can affect water supplies and allow managers to detect and respond to emergencies involving water-quality degradation

APPROACH

Phase IX of the TAWSMP is proposed to extend for five years, from July 1, 2022 through June 30, 2027. Conventional water-quality and hydrologic monitoring from Phase VIII will continue, with monitoring of constituents of concern occurring at select sites and/or years. Project components are described below and are numbered to correspond to the specific objectives for Phase IX.

Objective 1. Characterize and report water quality monitoring results

Water-quality monitoring will include bi-monthly sampling at 13 stream and reservoir sites and opportunistic storm-event sampling at eight additional tributary sites (Figure 1, Table 1). Sampling frequency and constituents will vary among the types of sites.

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Bi-monthly Stream and Reservoir Monitoring: Thirteen sites will be sampled six times per year during February, April, June, August, October, and December by the USGS (Figure 1; Tables 1 and 2), including four stream sites and nine reservoir sites. Stream samples generally will be collected as depth- and width-integrated composites. If unusual conditions necessitate the use of alternate sampling methods, those methods will be fully documented. Stream sites will be sampled for physical properties, nutrients, major ions (including bromide), suspended sediment, and 1,4-dioxane (select sites; see Table 1) for five years, and PFAS for one year (Table 2). Specific constituents to be measured are listed in Table 3.

Nine reservoir sites will be sampled six times per year during February, April, June, August, October, and December (Table 2). Dissolved-oxygen concentration, pH, temperature, and specific conductance will be measured at 1-meter intervals throughout the water column. Turbidity, secchi depth, and the depth of one-percent surface light penetration also will be measured as indicators of water clarity. Grab samples from 1 meter below the water surface will be analyzed for alkalinity, major ions (including bromide), iron, manganese, and 1,4-dioxane for all years, and PFAS during water year 2024. Depth-integrated samples for nutrients and chlorophyll *a* will be collected within the euphotic zone (the zone of light penetration, estimated by doubling the secchi-disk depth). Photic-zone composite sampling is consistent with standard operating procedures used by the NCDEQ for lake or reservoir sampling and helps promote inter-agency data comparability. Additional grab samples will be collected from 1 meter above the reservoir bed for analysis of nutrients, iron, and manganese.

Stream Storm-Event Sampling: The USGS will collect up to 10 storm-event runoff samples each year among all project stream sites. Sampling locations will be selected from among the four bimonthly stream sites and eight additional stream sites (Table 1) and will vary among years. These additional sites also are sampled by the NCDEQ as part of the State's Ambient Monitoring System. These data will be useful for understanding constituent concentrations and mass loading during high-flow conditions. Storm-event samples will be analyzed for the same properties and constituents that are analyzed for bi-monthly stream samples (Table 3).

Table 1. List of monitoring locations and activities supported by this proposal. [COC, contaminants of concern; USGS, U.S. Geological Survey; NC, North Carolina; USACE, U.S. Army Corps of Engineers; --, not applicable. Site locations are shown in Figure 1.]

Map number	USGS station number	USGS site name	Site type	Relevant water supply	Monitoring type			
					Streamflow ¹	Ambient/bi-monthly	Storm-event	COC sampling
1	0208480275	West Fork Eno Reservoir at Dam near Cedar Grove	Reservoir	West Fork Eno Reservoir, Eno River, Falls Lake	---	USGS	---	PFAS
2	0208524845	Little River Reservoir at Dam near Bahama	Reservoir	Little River Reservoir	---	USGS	---	PFAS
3	02086490	Lake Michie at Dam near Bahama	Reservoir	Lake Michie	---	USGS	---	PFAS
4	0209684980	Cane Creek Reservoir at Dam near White Cross	Reservoir	Cane Creek Reservoir	---	USGS	---	PFAS

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5	020969999 9	Jordan Lake, Haw River Arm near Hanks Chapel	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
6	020974999 0	University Lake at intakes near Chapel Hill	Reservoir	University Lake	---	USGS	---	PFAS
7	020976831 0	Jordan Lake at Buoy 12 at Farrington	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
8	020979915 0	Jordan Lake above U.S. Highway 64 near Wilsonville	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
9	020980110 0	Jordan Lake at Bells Landing near Griffins Crossroad	Reservoir	Jordan Lake	---	USGS	---	Bromide, 1,4-dioxane, PFAS
10	02085000	Eno River at Hillsborough	Stream	Eno River, Falls Lake	USGS	USGS	USGS	PFAS
11	02096846	Cane Creek near Orange Grove	Stream	Cane Creek Reservoir	USGS	USGS	USGS	PFAS
12	02097464	Morgan Creek near White Cross	Stream	Jordan Lake	USGS	USGS	USGS	PFAS
13	020978260 9	White Oak Creek at mouth near Green Level	Stream	Jordan Lake	USGS	USGS	USGS	Bromide, 1,4-dioxane, PFAS
14	02085070	Eno River near Durham	Stream	Eno River, Falls Lake	USGS	(NCDEQ)	USGS	PFAS
15	020852132 4	Little River at SR 1461 near Orange Factory	Stream	Little River Reservoir	USGS	(NCDEQ)	USGS	PFAS
16	02085500	Flat River at Bahama	Stream	Lake Michie	USGS	(NCDEQ)	USGS	PFAS
17	02096960	Haw River near Bynum	Stream	Jordan Lake	(USACE)	(NCDEQ)	USGS	Bromide, 1,4-dioxane, PFAS
18	02097314	New Hope Creek near Blands	Stream	Jordan Lake	USGS	(NCDEQ)	USGS	Bromide, 1,4-dioxane, PFAS
19	020974195 5	Northeast Creek at SR 1100 near Genlee	Stream	Jordan Lake	USGS	(NCDEQ)	USGS	PFAS
20	02097517	Morgan Creek near Chapel Hill, NC	Stream	Jordan Lake	USGS	(NCDEQ) ²	USGS	Bromide, 1,4-dioxane, PFAS
21	02098198	Haw River below B. Everett Jordan Dam near Moncure	Stream	Jordan Lake	(USACE)	(NCDEQ)	USGS ³	Bromide, 1,4-dioxane, PFAS

¹ Gage funded through separate agreement with agency shown in parentheses

² NCDEQ conducts ambient monitoring at a downstream location (Morgan Creek near Farrington)

³ Streamflow from a nearby gage, USGS site number 02098206 (Haw River near Moncure, NC)

Table 2. Annual sampling schedule, by site category, for sites sampled by the U.S. Geological Survey. [X, sampling is conducted at all stream or reservoir sites during this month.]

Type of Sampling	Month											
	J	F	M	A	M	J	J	A	S	O	N	D
4 STREAM SITES (BIMONTHLY)												
Physical properties (temperature, dissolved oxygen, pH, specific conductance, and turbidity), nutrients, major ions, suspended sediment, 1,4-dioxane, PFAS ¹		X		X		X		X		X		X

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8 STREAM SITES (STORM RUNOFF ONLY)											
Physical properties, nutrients, major ions, suspended sediment, 1,4-dioxane, PFAS ¹				Maximum of 10 samples per year distributed among all stream sites during periods of runoff and (or) high flow							
9 RESERVOIR SITES (BIMONTHLY)											
Vertical profiles of physical properties; water clarity (secchi depth)		X		X		X		X		X	
Near-surface: alkalinity, major ions, iron, manganese, 1,4-dioxane, PFAS ¹		X		X		X		X		X	
Photic-zone vertical-composite: nutrients and chlorophyll <i>a</i>		X		X		X		X		X	
Near-bottom: nutrients, iron, manganese		X		X		X		X		X	

¹PFAS sampling will occur during water year 2024 only

Sampling for bromide and 1,4-dioxane: Prior sampling during Phase VIII indicated 1,4-dioxane concentrations were present at or above reporting levels (decreased from 0.35 to 0.20 µg/L on May 19, 2019) at only six sites in the TAWSMP project area: Jordan Lake Haw River Arm near Hanks Chapel, Jordan Lake at Buoy 12 at Farrington, Jordan Lake at Bells Landing near Griffins Crossroad, Jordan Lake above U.S. Highway 64 near Wilsonville, Haw River below B. Everett Jordan Dam near Moncure, and Haw River near Bynum. Similarly, bromide was found to be above a threshold of 0.05 mg/L at only eight sites (the six listed above, as well as New Hope Creek near Blands and White Oak Creek at mouth near Green Level). Sampling for these contaminants of concern will continue during Phase IX at these sites (Table 1) to further quantify levels of bromide and 1,4-dioxane.

Sampling for PFAS: Water samples for analysis of PFAS will be collected during water year 2024 (October 1, 2023 to September 30, 2024). All bi-monthly sites will be sampled for PFAS, and runoff samples will also be analyzed whenever feasible. EPA has established protocols for collecting environmental samples for PFAS analysis in surface water (<https://www.epa.gov/pfas/epa-pfas-drinking-water-laboratory-methods>). The USGS is also developing field protocols for environmental sampling of PFAS (Tokranov and others, 2021). Both resources will be leveraged to establish appropriate sampling protocols, which will also include the collection of additional samples for QA/QC purposes.

Table 3. Water-quality properties, constituents, and analyzing laboratories. [NWIS, National Water Information System; CAS, Chemical Abstracts Service; --, not applicable; °C, degrees Celsius; USGS, U.S. Geological Survey; SAWSC, South Atlantic Water Science Center; NWQL, National Water Quality Laboratory; mg/L, milligrams per liter; µS/cm, microsiemens per centimeter; s.u., standard units; NTRU, nephelometric turbidity units; m, meters; µg/L, micrograms per liter; tbd, to be determined.]

Constituent	NWIS codes		CAS number	Detection level (2022)	Reporting level (2022)	Unit	Analyzing entity
	Parameter	Method					
FIELD AND PHYSICAL PROPERTIES							
Water temperature	10	THM01	--	--	0.1	°C	USGS SAWSC (in-field readings)
Dissolved oxygen	300	LUMIN	--	--	0.1	mg/L	
Specific conductance at 25 °C	95	SC001	--	--	1	µS/cm	

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pH	400	PROBE	--	--	0.1	pH	USGS Kentucky Sediment Lab
Acid neutralizing capacity	419	TT065	471-34-1	--	5	mg/L	
Turbidity	63676	TS196	--	--	0.1	NTRU	
Secchi depth (reservoirs)	78	SECCH	--	--	0.1	m	
Depth to 1 percent incident light (reservoirs)	85328	--	--	--	0.1	m	
Suspended sediment (streams)	80154	various	--	--	1	mg/L	
NUTRIENTS AND CHLOROPHYLL							
Nitrogen, ammonia	608	SHC02	7664-41-7	0.02	0.04	mg/L	USGS NWQL
Nitrogen, ammonia + organic	625	KJ008	17778-88-0	0.07	0.14	mg/L	
Nitrogen, nitrite + nitrate	631	RED02	--	0.01	0.02	mg/L	
Phosphorus, orthophosphate	671	PHM01	14265-44-2	0.004	0.008	mg/L	
Phosphorus, total	665	CL021	7723-14-0	0.003	0.006	mg/L	
Chlorophyll a (reservoirs)	70953	FL016	479-61-8	--	0.1	mg/L	USGS NWQL
Pheophytin a (reservoirs)	62360	FL016	603-17-8	--	0.1	mg/L	
MAJOR IONS							
Bromide	71870	IC027	24959-67-9	0.01	0.02	mg/L	USGS NWQL
Calcium	915	PLA11	7440-70-2	0.02	0.04	mg/L	
Chloride	940	IC022	16887-00-6	0.02	0.04	mg/L	
Fluoride	950	IC003	16984-48-8	0.01	0.02	mg/L	
Magnesium	925	PLA11	7439-95-4	0.01	0.02	mg/L	
Potassium	935	PLO03	7440-09-7	0.3	0.6	mg/L	
Silica	955	PLA11	7631-86-9	0.05	0.1	mg/L	
Sodium	930	PLA11	7440-23-5	0.4	0.8	mg/L	
Sulfate	945	IC022	14808-79-8	0.02	0.04	mg/L	
METALS							
Iron (reservoirs)	1045	PLO07	7439-89-6	5	10	mg/L	USGS NWQL
Manganese (reservoirs)	1055	PLO07	7439-96-5	0.2	0.4	mg/L	
ORGANIC COMPOUNDS							
Organic carbon, total	680	COMB9	--	0.7	1.4	mg/L	USGS NWQL
1,4-Dioxane	81582	GM016	123-91-1	0.1	0.2	mg/L	USGS NWQL
PFAS	tbd	tbd	tbd	tbd	tbd	ng/L	tbd

Participating Laboratories: The USGS National Water Quality Laboratory (NWQL) in Denver, Colorado, will be used to analyze nutrients, chlorophyll, major ions, metals, and most organic compounds (total organic carbon and 1,4-dioxane; Table 3). Suspended sediment samples will be analyzed by the USGS Kentucky Sediment Laboratory in Louisville, Kentucky. PFAS will be analyzed either by NWQL or by a contract lab. Lab selection will be based on alignment with EPA's preferred analysis method (either method 537.1, "Determination of Selected Per- and

Polyfluorinated Alkyl Substances in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS”, or method 533, “Determination of Per- and Polyfluoroalkyl Substances in Drinking Water by Isotope Dilution Anion Exchange Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry”), as well as optimized coverage for the analysis of PFAS contaminants listed on EPA’s Fifth Unregulated Contaminant Monitoring Rule (<https://www.epa.gov/dwucmr/fifth-unregulated-contaminant-monitoring-rule>).

Objective 2. Characterize regional surface water availability

Streamflow information collected through this project is essential for determining water availability and for characterizing water-quality conditions. Cooperators rely on streamflow data to guide short-term decisions about water-plant operations and implementation of water-conservation measures, as well as for long-term water-supply planning. The USGS previously has used project streamflow data to support analysis of water-quality trends and transport of nutrients and sediment to reservoirs in the study area. The USGS also uses the real-time streamflow data to target storm-event sampling.

The USGS will operate and maintain continuous-record streamflow gaging stations at 10 sites as part of this project (Table 1). Two additional gages on the Haw River currently are funded through separate agreements with the U.S. Army Corps of Engineers (Table 1). The USGS SAWSC Raleigh Field Office will be responsible for operation and maintenance of the project gages, and for processing, quality-assuring, and approving the continuous streamflow data in accordance with USGS policies.

Stage and streamflow data will be collected, processed, and analyzed following procedures in the Quality-Assurance Plan for Surface-Water Activities of the North Carolina District (USGS, 2010b), “Measurement and Computation of Streamflow,” (Rantz and others, 1982), and “Discharge Measurements at Gaging Stations” (Turnipseed and Sauer, 2010). Current (real-time) and historical data for project streamgaging sites are available from the NWIS, at: <http://waterdata.usgs.gov/nc/nwis/>.

Task 3. Develop interpretative science products to disseminate findings

An in-depth analysis of contaminants of emerging concern will be conducted this Phase to better understand the occurrence and distribution of bromide, 1,4-dioxane, PFAS, and chromium. This analysis will use water-quality information collected during Phase VIII (2017-2022) and the first three years of Phase IX sampling, which will include seven years of bromide and 1,4-dioxane sampling (water years 2017-2024); three years of chromium sampling (water years 2017-2019); and one year of PFAS sampling (water year 2024). If warranted, additional water-quality information and streamflow data collected by this project or external organizations (e.g., partners, NCDEQ) may be used in the analysis to better understand spatial and temporal patterns of these constituents, identification of potential sources, and or/fate and transport mechanisms, and therefore would be reported as well. The results from this analysis will be published in a USGS Scientific Investigations Report (SIR) or equivalent report (with accompanying data

release) and presented at local and/or regional water supply or water-quality monitoring conferences.

To better inform the public of the benefits of this project, the USGS will also prepare and publish an informational Fact Sheet about the TAWSMP that targets a non-scientific audience. The Fact Sheet will describe the project history, objectives, data-collection network, partnering agencies, water-quality concerns, and directions for obtaining USGS data and reports related to the project.

QUALITY ASSURANCE/QUALITY CONTROL

All water-quality activities will be conducted in accordance with established quality-assurance and quality-control (QA/QC) policies and procedures. Water-resource activities of the USGS SAWSC are supported by a series of quality-assurance policy statements and guidelines that describe responsibilities for specific functional elements, including project planning and implementation, equipment calibration and maintenance, data collection and processing, data management and storage, data analysis and interpretation, synthesis, reports preparation and processing, and training. Sample collection and processing will follow procedures outlined in the USGS National Field Manual for the Collection of Water-Quality Data (U. S. Geological Survey, variously dated). A variety of field and equipment blanks and replicate samples will be collected to document potential bias and variability in data that may result during the collection, processing, shipping, and handling of environmental samples. Similar to Phase VIII, a quality-control (QC) sampling schedule will be prepared annually, and will include, at a minimum:

- 2 Raleigh office deionized water blanks (nutrients, ions, metals)
- 1 Reservoir-sampling equipment blank (nutrients, ions, metals, organic compounds)
- 1 Stream-sampling equipment blank (suspended sediment, nutrients, ions, metals, organic compounds)
- 3 Field blanks (suspended sediment, nutrients, chlorophyll *a*, ions, metals, organic compounds)
- 3 Sampling-vehicle (atmospheric) blanks (nutrients, ions, metals, organic compounds)
- 6 Replicate samples (alkalinity, turbidity, suspended sediment, nutrients, chlorophyll *a*, ions, metals, organic compounds)

The USGS South Atlantic Water Science Center (SAWSC) will maintain annual accreditation by the NCDEQ for the collection of field water-quality parameters. Accreditation is based on acceptable analysis of performance testing samples that are obtained from a third-party vendor. The NCDEQ also conducts periodic audits of the SAWSC-Raleigh laboratory.

The NWQL will maintain accreditation by the National Environmental Laboratory Accreditation Program and the NCDEQ. The NWQL adheres to a comprehensive Quality Management System to ensure the quality of its work processes, products, and services (Stevenson, 2013). In addition, analytical performance at the NWQL is continually and independently tracked through the USGS Branch of Quality Systems (BQS) Blind Sample Programs. The project chief will routinely examine BQS control charts and other laboratory QC data, in addition to results for project quality-control samples. NWQL will also maintain accreditation through the NCDEQ annual chlorophyll-*a* round robin, which generally occurs during July.

Project personnel will review all analytical results. Requests for re-analysis or verification will be made to the respective laboratories when results are in question. USGS data will be entered into the NWIS. Data stored in NWIS also pass through automated quality-control checks of data consistency and are available to members of the TAWSMP Steering Committee and the public online at: <http://waterdata.usgs.gov/nc/nwis/nwis>.

SCIENTIFIC PRODUCTS AND DELIVERABLES

All streamflow and water-quality data collected and analyzed by the USGS during phase IX will be reviewed, approved, and made accessible online through the [NWIS](#). USGS policies for data processing and documentation, technical review, management, and archival will be followed, under the direction of the project chief and with support from the USGS SAWSC Science Quality Assurance Branch and the Assistant Director for Hydrologic Studies in North Carolina. Water-quality environmental and quality assurance analytical results will be also shared annually through a USGS Data Release and through presentations to the Steering committee once data have been approved. A concise, informational Fact Sheet about the project will be prepared for the dissemination to, and by, the TAWSMP partners during 2023. A Scientific Investigations Report (SIR) or equivalent report (and accompanying data release) will be written to summarize the results from the Phase VIII and the first three years of phase IX sampling of contaminants of concern: bromide, 1,4-dioxane, PFAS, and chromium (discontinued in phase VIII). This report will investigate the occurrence and distribution of these contaminants of concern, as well as potential sources and/or fate and transport. Additional water-quality information and streamflow data may be used in the analysis and therefore reported as well. Reports produced by the USGS are peer-reviewed and follow USGS fundamental science practices.

The USGS will provide quarterly summaries of project activities via email to the TAWSMP Steering Committee. In addition, the USGS will present a summary of activities and progress at annual meetings of the Steering Committee and will present findings at conferences and stakeholder meetings throughout the course of the project. The USGS will share information on project sites, activities and studies through various social media outlets and will maintain a web page for the Triangle Area Water Supply Monitoring Project (found here: <https://www.usgs.gov/centers/sawsc/science/triangle-area-nc-water-supply-monitoring>), and will assist TJCOG in their maintenance of their TAWSMP website (e.g., provide content for posting).

TIMELINE

Phase IX of the project is proposed to begin in July 2022 and to be completed in five years (Table 4). Operation of the streamgaging and water-quality data-collection networks and maintenance of the project web pages will continue throughout the duration of Phase IX. Hydrologic and water-quality data collected by the USGS will be reviewed, quality-assured, and published in the USGS National Water Information System on a continuous basis. The USGS will present a summary of project activities to the Steering Committee each year. The USGS will prepare a report summarizing contaminant monitoring, as well as a project Fact Sheet.

Table 4. Proposed timeline for Phase IX of the Triangle Area Water Supply Monitoring Project, July 2022 through June 2027. [Shading indicates work element is active during that quarter.]

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Work element	Federal Fiscal Year and Quarter beginning July 2022																			
	2023					2024				2025				2026				2027		
	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3
Operate streamgaging network																				
Operate water-quality network, including bimonthly and storm-runoff sampling																				
Review and publish streamflow and water-quality data in USGS NWIS																				
Conduct PFAS sampling																				
Conduct analysis and publish contaminant SIR																				
Prepare and publish project fact sheet																				
Maintain project web page																				
Provide quarterly updates to Steering Committee																				
Update data release with annual QAQC and environmental data; present results to TAWSMP																				
Present Phase IX summary and plan next phase																				

PERSONNEL

A senior-level hydrologist will serve as project chief to manage the project, report to the Steering Committee, provide data interpretations, make presentations, and lead report preparation.

Hydrologic technicians in the SAWSC Hydrologic Studies section will conduct water-quality data collection, review, and records management. Hydrologic technicians in the SAWSC Data Section will maintain and operate the project continuous streamflow gages and be responsible for all data-quality checks, under the direction of a supervisory hydrologist. Additional water-quality hydrologists and(or) technicians will assist with data quality assurance and report preparation activities. IT staff will provide database support and assistance with web page maintenance/development. USGS publications staff will provide editorial and technical support for report production.

BUDGET SUMMARY

Funding needed to achieve the project objectives totals \$3,332,000 for the five-year period from July 2022 through July 2027 (Table 5). Funding needs vary among years, but the cooperators will be billed quarterly at a fixed amount of \$ 103,290, for a total of \$ 2,065,800. Funding

TRIANGLE AREA WATER SUPPLY MONITORING PROJECT
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provided by the TAWSMP Steering Committee will be partially matched by the USGS, subject to the availability of cooperative matching funds, for a total of \$ 1,266,2000. Expenses for operating the water-quality and streamgaging networks and producing reports include labor, equipment, supplies, transportation, training, laboratory analyses, and sample shipping. The USGS will maintain ownership of equipment used in the operation and maintenance of these networks.

Table 5. Proposed funding for Phase IX of the Triangle Area Water Supply Monitoring Project by Federal fiscal year (October-September). [TAWSMP, Triangle Area Water Supply Monitoring Project; USGS, U.S. Geological Survey]

Funding Source	Federal fiscal year						TOTAL
	2022 (July-Sept)	2023	2024	2025	2026	2027 (Oct-June)	
USGS share (38%)	\$40,400	\$233,100	\$257,100	\$246,000	\$281,400	\$208,200	\$1,266,200
Partner share (62%)	\$65,900	\$380,200	\$419,600	\$401,400	\$459,100	\$339,600	\$2,065,800
Total	\$106,300	\$613,300	\$676,700	\$647,400	\$740,500	\$547,800	\$3,332,000

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Chatham County, NC

Text File

File Number: 22-4279

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Social Services

File Type: Agenda Item

Vote on a request to approve additional \$150,158 from the State of NC for a Low Income Household Energy Assistance Program (LIHWAP).

Action Requested: Vote on a request to accept \$150,158 from the State of NC.

Introduction & Background: Chatham DSS has been awarded an additional \$150,158 to assist in paying energy bills for qualifying households.

Discussion & Analysis: This additional funding provided to Chatham DSS will be allocated as \$150,158 to be paid directly to energy providers on behalf of qualified county residents.

How does this relate to the Comprehensive Plan: N/A

Budgetary Impact: No Local Funding Requested.

Recommendation: Vote on a request to accept \$150,158 of State funds to assist low-income households with paying energy bills.

County Name	Total Original Regular & Pandemic LIEAP Allocation Amt	Minus	Total Regular & Pandemic LIEAP Amt Issued/ Obligated	Equals	Total Remaining Regular & Pandemic LIEAP Balance	Minus	Total Allocation needed for missing payments	Minus	Total Allocation needed for One time supplement	Equals	Based on County Procedures Potential Budget revision needed (Negative (red) means Yes, positive means No.
Alamance	\$1,959,656.00	-	\$1,087,700.00	=	\$871,956.00	-		-	\$1,073,150.00	=	(201,194.00)
Alexander	\$342,824.00	-	\$210,100.00	=	\$132,724.00	-		-	\$214,825.00	=	(82,101.00)
Alleghany	\$143,811.00	-	\$128,700.00	=	\$15,111.00	-		-	\$130,000.00	=	(114,889.00)
Anson	\$501,075.00	-	\$495,500.00	=	\$5,575.00	-	\$22,163.56	-	\$422,825.00	=	(439,413.56)
Ashe	\$328,246.00	-	\$328,200.00	=	\$46.00	-		-	\$297,050.00	=	(297,004.00)
Avery	\$184,018.00	-	\$154,300.00	=	\$29,718.00	-	\$1,000.00	-	\$164,125.00	=	(135,407.00)
Beaufort	\$736,438.00	-	\$611,625.95	=	\$124,812.05	-	\$500.00	-	\$644,475.00	=	(520,162.95)
Bertie	\$407,534.00	-	\$385,518.51	=	\$22,015.49	-		-	\$431,275.00	=	(409,259.51)
Bladen	\$613,762.00	-	\$456,600.00	=	\$157,162.00	-		-	\$498,875.00	=	(341,713.00)
Brunswick	\$1,213,028.00	-	\$864,068.24	=	\$348,959.76	-		-	\$848,900.00	=	(499,940.24)
Buncombe	\$2,615,107.00	-	\$1,305,400.00	=	\$1,309,707.00	-		-	\$1,335,100.00	=	(25,393.00)
Burke	\$1,165,025.00	-	\$645,464.24	=	\$519,560.76	-		-	\$657,800.00	=	(138,239.24)
Cabarrus	\$1,549,653.00	-	\$644,343.27	=	\$905,309.73	-	\$115,800.00	-	\$652,925.00	=	136,584.73
Caldwell	\$928,423.00	-	\$736,838.27	=	\$191,584.73	-		-	\$739,700.00	=	(548,115.27)
Camden	\$66,309.00	-	\$32,600.00	=	\$33,709.00	-		-	\$34,775.00	=	(1,066.00)
Carteret	\$600,003.00	-	\$377,400.00	=	\$222,603.00	-		-	\$411,450.00	=	(188,847.00)
Caswell	\$331,820.00	-	\$257,217.99	=	\$74,602.01	-		-	\$275,275.00	=	(200,672.99)
Catawba	\$1,718,355.00	-	\$586,564.13	=	\$1,131,790.87	-		-	\$592,150.00	=	539,640.87
Chatham	\$470,492.00	-	\$300,200.00	=	\$170,292.00	-		-	\$320,450.00	=	(150,158.00)
Cherokee	\$395,637.00	-	\$214,500.00	=	\$181,137.00	-	\$98,300.00	-	\$244,725.00	=	(161,888.00)
Chowan	\$232,554.00	-	\$192,700.00	=	\$39,854.00	-		-	\$209,950.00	=	(170,096.00)
Clay	\$133,084.00	-	\$113,400.00	=	\$19,684.00	-		-	\$125,125.00	=	(105,441.00)
Cleveland	\$1,657,930.00	-	\$868,400.00	=	\$789,530.00	-	\$500.00	-	\$884,975.00	=	(95,945.00)
Columbus	\$986,028.00	-	\$750,700.00	=	\$235,328.00	-	\$22,400.00	-	\$785,200.00	=	(572,272.00)
Craven	\$1,102,647.00	-	\$538,800.00	=	\$563,847.00	-	\$2,400.00	-	\$559,975.00	=	1,472.00
Cumberland	\$5,219,299.00	-	\$2,487,500.00	=	\$2,731,799.00	-	\$500.00	-	\$2,479,100.00	=	252,199.00
Currituck	\$173,307.00	-	\$82,200.00	=	\$91,107.00	-	\$28,400.00	-	\$85,475.00	=	(22,768.00)
Dare	\$249,856.00	-	\$127,200.00	=	\$122,656.00	-	\$38,200.00	-	\$125,450.00	=	(40,994.00)
Davidson	\$2,066,709.00	-	\$737,200.00	=	\$1,329,509.00	-		-	\$793,975.00	=	535,534.00
Davie	\$372,772.00	-	\$177,100.00	=	\$195,672.00	-	\$29,000.00	-	\$189,475.00	=	(22,803.00)
Duplin	\$764,175.00	-	\$462,103.88	=	\$302,071.12	-		-	\$481,325.00	=	(179,253.88)
Durham	\$3,352,269.00	-	\$1,176,700.00	=	\$2,175,569.00	-	\$2,600.00	-	\$1,185,600.00	=	987,369.00
Edgecombe	\$1,097,354.00	-	\$809,400.00	=	\$287,954.00	-	\$20,400.00	-	\$859,300.00	=	(591,746.00)
Forsyth	\$4,512,380.00	-	\$2,466,200.00	=	\$2,046,180.00	-	\$1,500.00	-	\$2,398,175.00	=	(353,495.00)
Franklin	\$687,190.00	-	\$453,600.00	=	\$233,590.00	-		-	\$477,750.00	=	(244,160.00)
Gaston	\$2,553,134.00	-	\$1,134,400.00	=	\$1,418,734.00	-		-	\$1,141,400.00	=	277,334.00
Gates	\$139,313.00	-	\$93,000.00	=	\$46,313.00	-	\$3,200.00	-	\$102,700.00	=	(59,587.00)
Graham	\$114,005.00	-	\$83,300.00	=	\$30,705.00	-		-	\$91,325.00	=	(60,620.00)
Granville	\$652,553.00	-	\$329,700.00	=	\$322,853.00	-		-	\$352,300.00	=	(29,447.00)
Greene	\$322,307.00	-	\$247,825.63	=	\$74,481.37	-		-	\$257,400.00	=	(182,918.63)

County Name	Total Original Regular & Pandemic LIEAP Allocation Amt	Minus	Total Regular & Pandemic LIEAP Amt Issued/ Obligated	Equals	Total Remaining Regular & Pandemic LIEAP Balance	Minus	Total Allocation needed for missing payments	Minus	Total Allocation needed for One time supplement	Equals	Based on County Procedures Potential Budget revision needed (Negative (red) means Yes, positive means No.
Guilford	\$6,922,517.00	-	\$2,822,232.94	=	\$4,100,284.06	-	\$900.00	-	\$2,950,350.00	=	1,149,034.06
Halifax	\$1,138,221.00	-	\$1,125,412.57	=	\$12,808.43	-	\$416,500.00	-	\$1,033,175.00	=	(1,436,866.57)
Harnett	\$1,577,587.00	-	\$723,600.00	=	\$853,987.00	-	\$250,600.00	-	\$743,275.00	=	(139,888.00)
Haywood	\$620,958.00	-	\$409,500.00	=	\$211,458.00	-	\$400.00	-	\$426,725.00	=	(215,667.00)
Henderson	\$920,770.00	-	\$446,500.00	=	\$474,270.00	-		-	\$469,950.00	=	4,320.00
Hertford	\$470,081.00	-	\$373,000.00	=	\$97,081.00	-		-	\$405,925.00	=	(308,844.00)
Hoke	\$760,852.00	-	\$339,600.00	=	\$421,252.00	-	\$26,800.00	-	\$358,150.00	=	36,302.00
Hyde	\$81,757.00	-	\$80,500.00	=	\$1,257.00	-	\$32,800.00	-	\$73,775.00	=	(105,318.00)
Iredell	\$1,119,590.00	-	\$625,100.00	=	\$494,490.00	-		-	\$606,125.00	=	(111,635.00)
Jackson	\$494,012.00	-	\$203,000.00	=	\$291,012.00	-		-	\$223,600.00	=	67,412.00
Johnston	\$2,073,659.00	-	\$902,300.00	=	\$1,171,359.00	-	\$309,300.00	-	\$958,750.00	=	(96,691.00)
Jones	\$160,451.00	-	\$122,400.00	=	\$38,051.00	-		-	\$135,525.00	=	(97,474.00)
Lee	\$723,289.00	-	\$288,400.00	=	\$434,889.00	-	\$124,500.00	-	\$312,975.00	=	(2,586.00)
Lenoir	\$1,114,219.00	-	\$625,602.75	=	\$488,616.25	-		-	\$653,575.00	=	(164,958.75)
Lincoln	\$716,026.00	-	\$381,898.86	=	\$334,127.14	-		-	\$399,100.00	=	(64,972.86)
Macon	\$389,590.00	-	\$237,900.00	=	\$151,690.00	-	\$500.00	-	\$258,050.00	=	(106,860.00)
Madison	\$249,233.00	-	\$172,300.00	=	\$76,933.00	-		-	\$193,375.00	=	(116,442.00)
Martin	\$404,513.00	-	\$276,800.00	=	\$127,713.00	-	\$500.00	-	\$297,375.00	=	(170,162.00)
McDowell	\$587,416.00	-	\$418,400.00	=	\$169,016.00	-		-	\$438,100.00	=	(269,084.00)
Mecklenburg	\$9,536,505.00	-	\$4,575,312.21	=	\$4,961,192.79	-		-	\$4,568,525.00	=	392,667.79
Mitchell	\$187,359.00	-	\$154,500.00	=	\$32,859.00	-		-	\$161,850.00	=	(128,991.00)
Montgomery	\$335,224.00	-	\$207,100.00	=	\$128,124.00	-		-	\$210,275.00	=	(82,151.00)
Moore	\$874,835.00	-	\$485,200.00	=	\$389,635.00	-	\$500.00	-	\$499,200.00	=	(110,065.00)
Nash	\$1,296,257.00	-	\$816,165.51	=	\$480,091.49	-		-	\$871,650.00	=	(391,558.51)
New Hanover	\$2,297,128.00	-	\$1,280,000.00	=	\$1,017,128.00	-		-	\$1,280,175.00	=	(263,047.00)
Northampton	\$396,703.00	-	\$308,900.00	=	\$87,803.00	-		-	\$339,625.00	=	(251,822.00)
Onslow	\$1,720,196.00	-	\$927,000.00	=	\$793,196.00	-		-	\$892,775.00	=	(99,579.00)
Orange	\$1,202,754.00	-	\$569,200.00	=	\$633,554.00	-	\$6,800.00	-	\$566,475.00	=	60,279.00
Pamlico	\$152,951.00	-	\$100,400.00	=	\$52,551.00	-	\$48,000.00	-	\$113,425.00	=	(108,874.00)
Pasquotank	\$542,313.00	-	\$373,600.00	=	\$168,713.00	-		-	\$374,725.00	=	(206,012.00)
Pender	\$574,727.00	-	\$409,000.00	=	\$165,727.00	-		-	\$432,900.00	=	(267,173.00)
Perquimans	\$175,476.00	-	\$155,800.00	=	\$19,676.00	-		-	\$157,950.00	=	(138,274.00)
Person	\$534,853.00	-	\$340,200.00	=	\$194,653.00	-		-	\$355,225.00	=	(160,572.00)
Pitt	\$2,678,036.00	-	\$1,645,700.00	=	\$1,032,336.00	-		-	\$1,673,100.00	=	(640,764.00)
Polk	\$186,596.00	-	\$113,300.00	=	\$73,296.00	-		-	\$119,275.00	=	(45,979.00)
Randolph	\$1,655,703.00	-	\$807,500.00	=	\$848,203.00	-		-	\$810,225.00	=	37,978.00
Richmond	\$1,037,063.00	-	\$751,116.58	=	\$285,946.42	-		-	\$775,125.00	=	(489,178.58)
Robeson	\$3,288,916.00	-	\$1,119,800.00	=	\$2,169,116.00	-		-	\$1,188,200.00	=	980,916.00
Rockingham	\$1,346,660.00	-	\$931,100.00	=	\$415,560.00	-		-	\$878,150.00	=	(462,590.00)
Rowan	\$1,637,236.00	-	\$877,662.90	=	\$759,573.10	-		-	\$865,150.00	=	(105,576.90)

County Name	Total Original Regular & Pandemic LIEAP Allocation Amt	Minus	Total Regular & Pandemic LIEAP Amt Issued/ Obligated	Equals	Total Remaining Regular & Pandemic LIEAP Balance	Minus	Total Allocation needed for missing payments	Minus	Total Allocation needed for One time supplement	Equals	Based on County Procedures Potential Budget revision needed (Negative (red) means Yes, positive means No.
Rutherford	\$986,491.00	-	\$679,500.00	=	\$306,991.00	-		-	\$699,725.00	=	(392,734.00)
Sampson	\$916,100.00	-	\$687,520.98	=	\$228,579.02	-		-	\$737,425.00	=	(508,845.98)
Scotland	\$804,454.00	-	\$511,105.91	=	\$293,348.09	-		-	\$517,400.00	=	(224,051.91)
Stanly	\$599,606.00	-	\$439,800.00	=	\$159,806.00	-		-	\$437,775.00	=	(277,969.00)
Stokes	\$471,114.00	-	\$285,200.00	=	\$185,914.00	-		-	\$227,500.00	=	(41,586.00)
Surry	\$966,501.00	-	\$726,795.64	=	\$239,705.36	-		-	\$738,725.00	=	(499,019.64)
Swain	\$171,202.00	-	\$90,500.00	=	\$80,702.00	-		-	\$99,125.00	=	(18,423.00)
Transylvania	\$335,290.00	-	\$210,800.00	=	\$124,490.00	-		-	\$225,225.00	=	(100,735.00)
Tyrrell	\$69,618.00	-	\$56,800.00	=	\$12,818.00	-		-	\$63,700.00	=	(50,882.00)
Union	\$1,431,778.00	-	\$533,000.00	=	\$898,778.00	-	\$1,000.00	-	\$550,225.00	=	347,553.00
Vance	\$879,473.00	-	\$874,800.00	=	\$4,673.00	-		-	\$859,950.00	=	(855,277.00)
Wake	\$6,544,132.00	-	\$2,692,200.00	=	\$3,851,932.00	-	\$12,300.00	-	\$3,094,975.00	=	744,657.00
Warren	\$358,709.00	-	\$288,700.00	=	\$70,009.00	-	\$138,500.00	-	\$304,200.00	=	(372,691.00)
Washington	\$234,493.00	-	\$194,300.00	=	\$40,193.00	-	\$900.00	-	\$201,825.00	=	(162,532.00)
Watauga	\$559,720.00	-	\$205,100.00	=	\$354,620.00	-		-	\$212,875.00	=	141,745.00
Wayne	\$1,869,947.00	-	\$1,005,500.00	=	\$864,447.00	-	\$2,400.00	-	\$1,031,875.00	=	(169,828.00)
Wilkes	\$890,003.00	-	\$662,964.04	=	\$227,038.96	-		-	\$686,075.00	=	(459,036.04)
Wilson	\$1,389,222.00	-	\$830,100.00	=	\$559,122.00	-		-	\$856,375.00	=	(297,253.00)
Yadkin	\$391,048.00	-	\$160,400.00	=	\$230,648.00	-		-	\$170,950.00	=	59,698.00
Yancey	\$232,438.00	-	\$230,738.88	=	\$1,699.12	-		-	\$237,250.00	=	(235,550.88)



Chatham County, NC

Text File

File Number: 22-4280

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: County Manager's Office

File Type: Agenda Item

Vote on a request to accept the offer in the amount of \$10,000 for real property in ownership of Chatham County located at 5618 Piney Grove Church Road, Siler City, NC 27344, with Parcel ID number 0064987 as authorized by the prescribed method of "negotiated offer, advertisement, and upset bids" process defined by NC General Statute 160A-269

Action Requested: Vote on a request to accept the offer in the amount of \$10,000 for real property in ownership of Chatham County located at 5618 Piney Grove Church Road, Siler City, NC 27344, with Parcel ID number 0064987 as authorized by the prescribed method of "negotiated offer, advertisement, and upset bids" process defined by NC General Statute 160A-269

Introduction & Background: Chatham County received an offer of \$10,000, by a private party, for a 1.148-acre parcel of land located at 5618 Piney Grove Church Road, Siler City, NC, with corresponding Parcel ID number 0064987, which is in the ownership of the County. Upon the subject property is one unoccupied mobile home. The County obtained possession of this property by way of a tax foreclosure sale in February 2018; the purchase price being \$5,314.01, including interest, recording fee and excise tax. The County is authorized to dispose of real property belonging to it through five different methods defined by state law. These methods include private negotiation and sale; advertisement for sealed bids; negotiated offer, advertisement, and upset bid; public auction; and exchange. Having an initial offer already made the Chatham County Board of Commissioners approved engaging in the "negotiated offer, advertisement, and upset bid" process, as defined by law at its March 21, 2022, regular meeting. Since the initial offer acceptance by the Board of Commissioners, the offeror deposited 5% of the bid amount with the County, a notice of the offer was published in the News and Record as provided by the referenced state law and for the duration as required. The notice period of 10 days elapsed without an upset bid. Having followed the procedures as prescribed by law under the upset bid process, and having received no raised bids, the Board of Commissioners may accept the offer and sell the property to the highest bidder - in this case, the initial bidder. The Board retains the authority to reject any and all offers at its election.

Discussion & Analysis: The subject property is not currently in use by the County for an active public purpose, nor is it anticipated that any definable public use will be realized in

the future if the County were to maintain ownership of this property. Accordingly, staff recommends disposing of this property to the highest bidder, which will allow the property to be placed in private ownership, where the public good may be served by adding to the Chatham County tax base.

How does this relate to the Comprehensive Plan:

Budgetary Impact: The initial sale of the subject property will generate a one-time general fund revenue resulting from the sale proceeds. Provided it is not placed under tax exempt status following the sale, this property will be subject to a tax levy resulting in ongoing general fund revenue generation.

Recommendation: Approve the request to accept the offer in the amount of \$10,000 for real property in ownership of Chatham County located at 5618 Piney Grove Church Road, Siler City, NC 27344, with Parcel ID number 0064987 as authorized by the prescribed method of "negotiated offer, advertisement, and upset bids" process defined by NC General Statute 160A-269



Chatham County, NC

Text File

File Number: 22-4285

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Emergency Operations

File Type: Agenda Item

Vote on a request to approve the naming of one (1) private road in Chatham County

Action Requested: Motion to approve the private drive(s) as listed:

A. Melvins Way

Introduction & Background: The Chatham County Commissioners adopted an ordinance providing the establishment for the naming of private roads in Chatham County. The Office of Emergency Operations has received one petition requesting the naming of one (1) private road located in Chatham County on private property. This petition is in order, complete and bears the proper number of required signatures.

Discussion and Analysis: As part of its plan to develop the Enhanced-911 Emergency Response System, there is a vital need to maintain the County's established system providing for the naming of private roads. This is important so that there can be no duplications or similarities of these assigned names within Chatham County which could result in confusion and/or delay in the response to these roads, should an emergency exist in that location.

How does this relate to the Comprehensive Plan:

Budgetary Impact: The cost of road signage for these roads will be \$78.00 per sign. The maximum cost will be \$78.00. The cost of the signs is budgeted in the FY21-22 budget.

Recommendation: Vote on a request to approve the naming of one private road in Chatham County

CHATHAM COUNTY ROAD NAMING REQUEST FORM

- **QUESTIONS:** Any questions concerning this form should be directed to: Denise Suits, 919-545-8163
- **RETURN COMPLETED FORM TO:** Chatham County Emergency Operations, P. O. Box 613, Pittsboro, NC 27312


ALL INFORMATION BELOW MUST BE COMPLETED

1. APPLICANT INFORMATION Name: Ruby P Pulido Rubio Address: 2725 Piney Grove Ch Rd. City, State & Zip Code: 27344 Phone Number: 336.253.2820	2. TYPE OF REQUEST (check one box only) <input checked="" type="checkbox"/> Private road or driveway <input type="checkbox"/> Renaming of road <input type="checkbox"/> Other
3. PROPERTY INFORMATION State Road Number (if applicable): Township where Road Originates: :Select one here Will the road be part of a development? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If a development, is it: A major development <input type="checkbox"/> A minor development <input type="checkbox"/> Is it possible that this will be come a state road? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Length of road: 900-1000 ft Type of road (check one answer only) Private <input type="checkbox"/> Public <input checked="" type="checkbox"/>	4. ROAD NAME INFORMATION** What is the existing road name (if applicable)? What are the proposed or new road name(s)? • Meme JP • Melvin's Way • Melvin JP If existing name is to be changed, what is the reason for this change?
5. DIRECTIONS TO ROAD (only needed if it is a private road):	
6. ATTACHMENTS REQUIRED Names, addresses and phone numbers of ALL adjacent property owners (see page 2).** <ul style="list-style-type: none">• Signatures of at least 60% of adjacent property owners (see page 2).• Attached map with marked location of the road on the map.	

****IMPORTANT:** The County Board of Commissioners may consider a number of factors when naming or renaming a road, including the number of adjacent owners, acreage of ownership, historical significance of a road name, and roads with similar names.

7. Signature of Applicant: Ruby P Pulido Date of Signature: 4-4-2022
Date Submitted to County EOC:

IMPORTANT: If this form & required information is not completed and submitted properly, the petition is not valid.

PROVIDE A COMPLETE LIST OF ALL ADJACENT PROPERTY OWNERS, INCLUDING NAME, ADDRESS & PHONE NUMBERS.	SIGNATURES: We, the undersigned owners, are in favor of the proposed road name inserted here: (NOTE: Only sign below if you approve of the road name above.)
Name: Ray Jefferson Millard Address: 7723 Piney Grove Ch. Rd. Phone #: 252-229-3242	Signature: 
Name: Address: Phone #:	Signature:
Name: Address: Phone #:	Signature:
Name: Address: Phone #:	Signature:
Name: Address: Phone #:	Signature:
Name: Address: Phone #:	Signature:
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Name: Address: Phone #:	Signature:
Name: Address: Phone #:	Signature:
Name: Address: Phone #:	Signature:
Name: Address: Phone #:	Signature:



Mystery

Piney Grove Church

MELVINS WAY





Chatham County, NC

Text File

File Number: 22-4286

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Tax Office Assessor

File Type: Agenda Item

Agenda Number:

Vote on a request to approve Tax Releases and Refunds

Action Requested: Vote on a request to approve Tax Releases and Refunds.

Introduction & Background: The attached list of taxpayers have requested a release or refund of their tax bills.

Discussion & Analysis: In accordance with G.S. 105-381, the attached list of taxpayers have requested a release or refund of their tax bills.

Recommendation: Vote to approve Tax Releases and Refunds.

DATE 5/02/22	BOARD REVIEW OF CORRECTED RECEIPTS REPORT										PAGE 1
TIME 8:39:06	CHATHAM CO TAX DEPARTMENT										PROG# CL2182
USER CHAMY	DEPOSIT DATES 4/01/2022 THROUGH 4/30/2022										
SKIP NEGATIVE ABATEMENTS	OMIT ABATE CODES ERROR BOER CHGOF PTC										
TAX	DEPOSIT										
YEAR TAXPAYER NAME	DATE	RECEIPT	DIST	REAL	PERSONAL	M VEH	MV FEE	S WASTE	REASON	ABTCD	
=====											
2013 GAINES TROY FRED	4/05/2022	2032291	101		82.06				TITLE TRANSFER P OWNER		
** YEAR TOTALS **					82.06						
2018 MULLINS HOWARD STEVEN II	4/12/2022	2394570	105		168.99				MOVED TO W. VIRG MVDOS		
** YEAR TOTALS **					168.99						
2019 BLACKBURN JAMES PATRICK	4/20/2022	2506562	107		4.28				SOLD IN 2020.	PPSLD	
2019 DAVI SHERRY M	4/22/2022	2536096	203	614.28					REAL PROPERTY VA	RPVAL	
2019 RODGERS BOBBY A	4/05/2022	2545024	109		10.70				SOLD PER NC WILD	PPSLD	
2019 SHEHEE DAVID MACK	4/26/2022	2501494	104		4.18				SOLD 10+ YEARS A	PPSLD	
2019 SHEHEE DAVID MACK	4/26/2022	2501495	104		4.18				SOLD 10+ YEARS A	PPSLD	
2019 TRAILS BY THE LAKE FARM	4/12/2022	2515982	105		6.29				SOLD IN 2015	PPSLD	
** YEAR TOTALS **				614.28	29.63						
2020 BLACKBURN JAMES PATRICK	4/20/2022	2571800	107		4.28				SOLD IN 2018.	PPSLD	
2020 DAVI SHERRY M	4/22/2022	2599076	203	614.28					REAL PROPERTY VA	RPVAL	
2020 LOPEZ NELSON GERARDO OLIVA	4/06/2022	2558273	101		119.78				REPOSSESSED IN 2	MHSLD	
2020 MORALES FRANCISCO	4/26/2022	2596510	101		4.35				SOLD 2019 PER WI	PPSLD	
2020 PICKENS LANNY J	4/29/2022	2597305	107		259.82				SOLD 2019 PER BO	PPSLD	
2020 RODGERS BOBBY A	4/05/2022	2611634	109		10.21				SOLD PER NC WILD	PPSLD	
2020 SHEHEE DAVID MACK	4/26/2022	2566854	104		4.18				SOLD 10+ YEARS A	PPSLD	
2020 SHEHEE DAVID MACK	4/26/2022	2566855	104		4.18				SOLD 10+ YEARS A	PPSLD	
2020 TRAILS BY THE LAKE FARM	4/12/2022	2580599	105		4.44				SOLD IN 2019	PPSLD	
2020 TRAILS BY THE LAKE FARM	4/12/2022	2580600	105		6.05				SOLD IN 2015	PPSLD	
** YEAR TOTALS **				614.28	417.29						
2021 CHEEK ISAAC GREGORY	4/14/2022	2683199	104		14.16				TRANS TO NEW ACC	NOBOC	
2021 CHEEK ISAAC GREGORY	4/14/2022	2683200	104		10.53				TRANSF TO NEW AC	NOBOC	
2021 CHEEK ISAAC GREGORY	4/14/2022	2683201	104		101.79				TRANS TO NEW ACC	NOBOC	
2021 CHEEK ISAAC GREGORY	4/14/2022	2683202	104		70.68				TRANSF TO NEW AC	NOBOC	
2021 CHEEK ISAAC GREGORY	4/14/2022	2683203	104		33.48				TRANSF TO NEW AC	NOBOC	
2021 BLACKBURN JAMES PATRICK	4/20/2022	2637411	107		4.26				SOLD IN 2018	PPSLD	
2021 COUNTRYHOUSE SERVICE GROUP V	4/06/2022	2668976	107	65.99					EXEMPT	EXEMP	
2021 DAVI SHERRY M	4/22/2022	2663241	203	644.76					REAL PROPERTY VA	RPVAL	
2021 DAWSON JAMES KENNETH JR	4/14/2022	2654854	107		135.03				ORANGE COUNTY.	OCNTY	
2021 GRIMES JANE DENNIS	4/20/2022	2633610	101		4.32				SOLD IN 2020	PPSLD	
2021 HEADEN MARGARET HEIRS	4/05/2022	2682568	124		220.62				DOUBLE LISTED	DBLST	
2021 HINSHAW GENE RAYMOND	4/27/2022	2680159	101		7.00				ALAMANCE COUNTY.	OCNTY	
2021 HUTSON RICHARD M	4/20/2022	2683570	106		224.47				DURHAM COUNTY.	OCNTY	
2021 MORALES FRANCISCO	4/26/2022	2660791	101		4.32				SOLD 2019 PER WI	PPSLD	
2021 PICKENS LANNY J	4/29/2022	2661541	107		245.23				SOLD 2019 PER BO	PPSLD	
2021 RICH DONALD CARLYLE JR	4/29/2022	2639322	107		204.49				NEW HANOVER COUN	OCNTY	
2021 RODGERS BOBBY A	4/05/2022	2679208	109		9.70				SOLD PER NC WILD	PPSLD	
2021 SHEHEE DAVID MACK	4/26/2022	2632532	104		4.16				SOLD 10+ YEARS A	PPSLD	
2021 SHEHEE DAVID MACK	4/26/2022	2632533	104		4.16				SOLD 10+ YEARS A	PPSLD	
2021 TRAILS BY THE LAKE FARM	4/12/2022	2645796	105		4.42				SOLD IN 2019	PPSLD	
2021 TRAILS BY THE LAKE FARM	4/12/2022	2645797	105		5.73				SOLD IN 2015	PPSLD	

DATE 5/02/22
TIME 8:39:06

USER CHAMY
SKIP NEGATIVE ABATEMENTS
TAX

YEAR TAXPAYER NAME

BOARD REVIEW OF CORRECTED RECEIPTS REPORT

CHATHAM CO TAX DEPARTMENT

DEPOSIT DATES 4/01/2022 THROUGH 4/30/2022

OMIT ABATE CODES ERROR BOER CHGOF PTC

DEPOSIT

DATE RECEIPT DIST REAL PERSONAL M VEH MV FEE S WASTE REASON ABTCD

** YEAR TOTALS **

710.75 1308.55

*** FINAL TOTALS ***

1939.31 2006.52

*** NORMAL END OF JOB ***

PAGE 2
PROG# CL2182



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
ADAMSON, RICHARD SCOTT	ADAMSON, RICHARD SCOTT		500 MIDDLETON PL		CHAPEL HILL, NC 27516	Proration	0065511694	TKR3451	AUTHORIZED	163850364	Refund Generated due to proration on Bill #0065511694-2021-0000-00
ALBRIGHT, JESSE FRANKLIN JR	ALBRIGHT, JESSE FRANKLIN JR		1423 COLERIDGE RD		SILER CITY, NC 27344	Adjustment < \$100	0065910424	79188	AUTHORIZED	164019768	Refund Generated due to adjustment on Bill #0065910424-2021-0000-00
ALLEN, JAMES STEVENSON	ALLEN, JAMES STEVENSON		154 HEADEN RD		SILER CITY, NC 27344	Proration	0008857143	JAC1265	AUTHORIZED	162934808	Refund Generated due to proration on Bill #0008857143-2021-0000-00
ANDREWS, KENNETH RICHARD	ANDREWS, KENNETH RICHARD	ANDREWS, ELIZABETH CLARKE	188 FEARRINGTON POST		PITTSBORO, NC 27312	Proration	0053423888	CM19500	AUTHORIZED	163617636	Refund Generated due to proration on Bill #0053423888-2020-0000-00
ANDREWS, KENNETH RICHARD	ANDREWS, KENNETH RICHARD		188 FEARRINGTON POST		PITTSBORO, NC 27312	Proration	0045627950	CK60160	AUTHORIZED	163617570	Refund Generated due to proration on Bill #0045627950-2021-0000-00



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/22/2022	4/26/2022 3:53:20 PM
ie	Adjustment	04/25/2022	4/25/2022 11:12:35 AM
ie	Tag Surrender	04/06/2022	4/6/2022 2:41:51 PM
ie	Vehicle Sold	04/19/2022	4/19/2022 3:12:44 PM
ie	Vehicle Sold	04/19/2022	4/19/2022 2:35:40 PM



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$88.33)	\$0.00	(\$88.33)
07	Tax	(\$14.35)	\$0.00	(\$14.35)
			Refund	\$102.68
00	Tax	(\$63.17)	\$0.00	(\$63.17)
01	Tax	(\$11.40)	\$0.00	(\$11.40)
			Refund	\$74.57
00	Tax	(\$33.16)	\$0.00	(\$33.16)
01	Tax	(\$5.98)	\$0.00	(\$5.98)
			Refund	\$39.14
00	Tax	(\$9.29)	(\$0.74)	(\$10.03)
07	Tax	(\$1.50)	(\$0.12)	(\$1.62)
			Refund	\$11.65
00	Tax	(\$15.35)	\$0.00	(\$15.35)
07	Tax	(\$2.49)	\$0.00	(\$2.49)
			Refund	\$17.84



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
ANDREWS, LORI EDWARDS	ANDREWS, LORI EDWARDS		1460 BOWERS STORE RD		SILER CITY, NC 27344	Proration	0028821291	JAC1568	AUTHORIZED	163609922	Refund Generated due to proration on Bill #0028821291-2021 2021-0000-00
BRATSCH, LAURA HAMPTON	BRATSCH, LAURA HAMPTON		1001 MOUNTAIN VISTA LN		CARY, NC 27519	Proration	0049078010	CBH9782	AUTHORIZED	246046152	Refund Generated due to proration on Bill #0049078010-2020 2020-0000-00
BRUCKSTEIN, SHARI GURALNICK	BRUCKSTEIN, SHARI GURALNICK		1428 MARSALIS WAY		CARY, NC 27519	Proration	0030343337	YWJ6935	AUTHORIZED	244494048	Refund Generated due to proration on Bill #0030343337-2020 2020-0000-00
BUCKNER, RONNIE HINSON	BUCKNER, RONNIE HINSON	BUCKNER, NANNETTE FIELDS	921 PLAINFIELD CHU RD		SILER CITY, NC 27344	Adjustment < \$100	0014493639	JCB2429	AUTHORIZED	163686950	Refund Generated due to adjustment on Bill #0014493639-2021 2021-0000-00
BURNETTE, RAEFORD ATWATER	BURNETTE, RAEFORD ATWATER		262 EVIE BURNETTE	PLANTATION	PITTSBORO, NC 27312	Proration	0050136073	HEB8541	AUTHORIZED	162924886	Refund Generated due to proration on Bill #0050136073-2021 2021-0000-00



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Vehicle Totalled	04/18/2022	4/18/2022 3:45:04 PM
ie	Vehicle Sold	04/26/2022	4/26/2022 3:17:23 PM
ie	Vehicle Sold	04/08/2022	4/8/2022 11:54:09 AM
ie	Over Assessment	04/20/2022	4/20/2022 11:53:00 AM
ie	Vehicle Sold	04/04/2022	4/4/2022 1:31:34 PM



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$30.66)	\$0.00	(\$30.66)
09	Tax	(\$3.80)	\$0.00	(\$3.80)
			Refund	\$34.46
00	Tax	(\$24.86)	\$0.00	(\$24.86)
23	Tax	(\$12.99)	\$0.00	(\$12.99)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$37.85
00	Tax	(\$22.81)	\$0.00	(\$22.81)
23	Tax	(\$11.92)	\$0.00	(\$11.92)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$34.73
00	Tax	(\$21.32)	\$0.00	(\$21.32)
09	Tax	(\$2.65)	\$0.00	(\$2.65)
			Refund	\$23.97
00	Tax	(\$8.91)	\$0.00	(\$8.91)
07	Tax	(\$1.44)	\$0.00	(\$1.44)
			Refund	\$10.35



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
CHU, SHU-YU	CHU, SHU-YU		136 FERRELL RD W		APEX, NC 27523	Proration	0044922331	DLD5551	AUTHORIZED	244946811	Refund Generated due to proration on Bill #0044922331-2021-0000-00
COVINGTON, ALEXANDRA FRYE	COVINGTON, ALEXANDRA FRYE	COVINGTON, ROBERT BRIAN	233 MARKHAM PLANTATION		APEX, NC 27523	Proration	0029529076	CLL5475	AUTHORIZED	163297882	Refund Generated due to proration on Bill #0029529076-2021-0000-00
CRABTREE, JASON MORRIS	CRABTREE, JASON MORRIS		104 WOLF HOLLOW LN		PITTSBORO, NC 27312	Proration	0050979261	TBM7556	AUTHORIZED	163687082	Refund Generated due to proration on Bill #0050979261-2021-0000-00
DAVIS, JAMES CLINTON	DAVIS, JAMES CLINTON		398 DURHAM BAILEY LN		PITTSBORO, NC 27312	Proration	0054017714	7K9822	AUTHORIZED	162925142	Refund Generated due to proration on Bill #0054017714-2020-0000-00
DEHARTCHUCK, LINDA ANN	DEHARTCHUCK, LINDA ANN		1441 WHITE SMITH RD		SILER CITY, NC 27344	Proration	0023524796	JCA5117	AUTHORIZED	163687058	Refund Generated due to proration on Bill #0023524796-2021-0000-00



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/11/2022	4/11/2022 10:36:27 AM
ie	Vehicle Sold	04/11/2022	4/11/2022 10:39:51 AM
ie	Vehicle Totalled	04/20/2022	4/20/2022 2:27:11 PM
ie	Vehicle Sold	04/04/2022	4/4/2022 4:54:28 PM
ie	Vehicle Sold	04/20/2022	4/20/2022 1:51:12 PM



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$53.26)	\$0.00	(\$53.26)
23	Tax	(\$27.63)	\$0.00	(\$27.63)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$80.89
00	Tax	(\$64.86)	\$0.00	(\$64.86)
07	Tax	(\$10.53)	\$0.00	(\$10.53)
			Refund	\$75.39
00	Tax	(\$11.84)	\$0.00	(\$11.84)
07	Tax	(\$1.92)	\$0.00	(\$1.92)
			Refund	\$13.76
00	Tax	(\$27.04)	\$0.00	(\$27.04)
06	Tax	(\$4.95)	\$0.00	(\$4.95)
			Refund	\$31.99
00	Tax	(\$54.98)	\$0.00	(\$54.98)
09	Tax	(\$6.82)	\$0.00	(\$6.82)
			Refund	\$61.80



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
DELGADO, M PATRICIA	DELGADO, M PATRICIA		322 SUMMITVIEW LOOP		CARY, NC 27519	Proration	0057532857	TDR1657	AUTHORIZED	246176784	Refund Generated due to proration on Bill #0057532857-2021-0000-00
EHRlich, SHANNON ELIZABETH	EHRlich, SHANNON ELIZABETH		722 VALLEY RD		SANFORD, NC 27330	Proration	0061521783	RBN5791	AUTHORIZED	162925010	Refund Generated due to proration on Bill #0061521783-2020-0000-00
GENSLER, ADAM ISAAC	GENSLER, ADAM ISAAC		606 ALBION PL		CARY, NC 27519	Proration	0043501173	FAA7861	AUTHORIZED	245530161	Refund Generated due to proration on Bill #0043501173-2021-0000-00
GRAVEN, KAREN LINN	GRAVEN, KAREN LINN		600 NICKEL CREEK CIR		CARY, NC 27519	Proration	0040793495	BCT1037	AUTHORIZED	244958166	Refund Generated due to proration on Bill #0040793495-2020-0000-00



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/27/2022	4/27/2022 1:51:35 PM
ie	Vehicle Totalled	04/04/2022	4/4/2022 2:53:39 PM
ie	Vehicle Sold	04/20/2022	4/26/2022 3:53:20 PM
ie	Vehicle Sold	04/12/2022	4/12/2022 9:40:32 AM



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$21.54)	\$0.00	(\$21.54)
23	Tax	(\$11.18)	\$0.00	(\$11.18)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$32.72
00	Tax	(\$45.48)	\$0.00	(\$45.48)
21	Tax	(\$29.41)	\$0.00	(\$29.41)
			Refund	\$74.89
00	Tax	(\$84.57)	\$0.00	(\$84.57)
23	Tax	(\$43.87)	\$0.00	(\$43.87)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$128.44
00	Tax	(\$17.60)	\$0.00	(\$17.60)
23	Tax	(\$9.19)	\$0.00	(\$9.19)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$26.79



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
HATCH, MARGARET LYNN	HATCH, MARGARET LYNN		169 ELSA JANE LN		PITTSBORO, NC 27312	Proration	0027978262	CBA6719	AUTHORIZED	163686754	Refund Generated due to proration on Bill #0027978262-2020-0000-00
HAYES, TIMOTHY SCOTT	HAYES, TIMOTHY SCOTT	HAYES, ELIZABETH MALONE	4611 ALSTON CHAPEL RD		PITTSBORO, NC 27312	Proration	0014498960	YPZ5153	AUTHORIZED	163617242	Refund Generated due to proration on Bill #0014498960-2020-0000-00
HEIDEL, MAURICE DUANE	HEIDEL, MAURICE DUANE	HEIDEL, BETH ANN	500 MIDDLETON PL		CHAPEL HILL, NC 27516	Proration	0062220346	SZS3707	AUTHORIZED	244386804	Refund Generated due to proration on Bill #0062220346-2021-0000-00
ISENSTEIN, WILLIAM STUART	ISENSTEIN, WILLIAM STUART	ISENSTEIN, DEBRA RAE	345 ABERCORN CIR		CHAPEL HILL, NC 27516	Proration	0058108438	HLZ5827	AUTHORIZED	163850038	Refund Generated due to proration on Bill #0058108438-2021-0000-00
ISENSTEIN, WILLIAM STUART	ISENSTEIN, WILLIAM STUART	ISENSTEIN, DEBRA RAE	345 ABERCORN CIR		CHAPEL HILL, NC 27516	Proration	0057898449	THTRAVLR	AUTHORIZED	163850034	Refund Generated due to proration on Bill #0057898449-2021-0000-00



North Carolina Ver

NCVTS Pending

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	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/20/2022	4/20/2022 9:25:36 AM
ie	Vehicle Sold	04/19/2022	4/19/2022 9:26:40 AM
ie	Tag Surrender	04/04/2022	4/4/2022 8:54:21 AM
ie	Vehicle Sold	04/22/2022	4/22/2022 11:28:37 AM
ie	Vehicle Sold	04/22/2022	4/26/2022 3:53:20 PM



North Carolina Veh

NCVTS Pending

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Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$11.56)	\$0.00	(\$11.56)
09	Tax	(\$1.35)	\$0.00	(\$1.35)
			Refund	\$12.91
00	Tax	(\$10.94)	\$0.00	(\$10.94)
06	Tax	(\$2.00)	\$0.00	(\$2.00)
			Refund	\$12.94
00	Tax	(\$64.24)	\$0.00	(\$64.24)
23	Tax	(\$33.33)	\$0.00	(\$33.33)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$97.57
00	Tax	(\$25.56)	\$0.00	(\$25.56)
07	Tax	(\$4.15)	\$0.00	(\$4.15)
			Refund	\$29.71
00	Tax	(\$264.97)	\$0.00	(\$264.97)
07	Tax	(\$43.03)	\$0.00	(\$43.03)
			Refund	\$308.00



North Carolina Veh

NCVTS Pending

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Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
JORDAN, JOSEPH DEDRICK	JORDAN, JOSEPH DEDRICK		39407 GLENN GLADE		CHAPEL HILL, NC 27517	Proration	0042578202	H771IC	AUTHORIZED	162673594	Refund Generated due to proration on Bill #0042578202-2020-0000-00
JUSTIN WEISSMAN WEB DESIGN LLC	JUSTIN WEISSMAN WEB DESIGN LLC		1001 COVERBRIDGE TRAIL		CHAPEL HILL, NC 27517	Proration	0062859014	JJC4318	AUTHORIZED	163850212	Refund Generated due to proration on Bill #0062859014-2021-0000-00
KEITH, GARY HEINRICH	KEITH, GARY HEINRICH	KEITH, VICTORIA MARIE	195 PLAZA DR	UNIT G	CHAPEL HILL, NC 27517	Proration	0050471592	PLT8025	AUTHORIZED	163763106	Refund Generated due to proration on Bill #0050471592-2021-0000-00
KORHONEN, EMILY WELCH	KORHONEN, EMILY WELCH		1281 NEW HOPE CHURCH RD		APEX, NC 27523	Proration	0065401974	JJW2532	AUTHORIZED	162925022	Refund Generated due to proration on Bill #0065401974-2021-0000-00
LAVELLE, EDWARD RENSHAW JR	LAVELLE, EDWARD RENSHAW JR		545 BEAR TREE CRK		CHAPEL HILL, NC 27517	Proration	0055708288	HW8404	AUTHORIZED	163305460	Refund Generated due to proration on Bill #0055708288-2021-0000-00



North Carolina Ver

NCVTS Pending

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	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/01/2022	4/1/2022 1:24:34 PM
ie	Vehicle Sold	04/22/2022	4/26/2022 3:53:20 PM
ie	Vehicle Sold	04/21/2022	4/21/2022 2:16:41 PM
ie	Tag Surrender	04/04/2022	4/12/2022 11:11:04 AM
ie	Vehicle Sold	04/12/2022	4/26/2022 3:53:20 PM



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$40.94)	\$0.00	(\$40.94)
07	Tax	(\$6.60)	\$0.00	(\$6.60)
			Refund	\$47.54
00	Tax	(\$91.43)	\$0.00	(\$91.43)
07	Tax	(\$14.85)	\$0.00	(\$14.85)
			Refund	\$106.28
00	Tax	(\$56.75)	\$0.00	(\$56.75)
07	Tax	(\$9.22)	\$0.00	(\$9.22)
			Refund	\$65.97
00	Tax	(\$225.54)	\$0.00	(\$225.54)
07	Tax	(\$36.63)	\$0.00	(\$36.63)
			Refund	\$262.17
00	Tax	(\$147.99)	\$0.00	(\$147.99)
07	Tax	(\$24.03)	\$0.00	(\$24.03)
			Refund	\$172.02



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
MATHIS, RHONDA ELIZABETH	MATHIS, RHONDA ELIZABETH	MATHIS, JASON WESLEY	108 CEDAR LN		PITTSBORO, NC 27312	Proration	0064220192	BFJ7817	AUTHORIZED	164117592	Refund Generated due to proration on Bill #0064220192-2021-0000-00
MCALLISTER, DINAH NIBBELINK	MCALLISTER, DINAH NIBBELINK		596 FEARRINGTON POST		PITTSBORO, NC 27312	Proration	0064594502	JKE6945	AUTHORIZED	163305580	Refund Generated due to proration on Bill #0064594502-2021-0000-00
MILLER, MARGARET OLIVIA	MILLER, MARGARET OLIVIA		210 OAKLEYS PEAK		CHAPEL HILL, NC 27516	Proration	0059228373	JBZ6808	AUTHORIZED	162673692	Refund Generated due to proration on Bill #0059228373-2021-0000-00
MONTES, ARTURO	MONTES, ARTURO		1810 N CHATHAM AVE		SILER CITY, NC 27344	Adjustment >= \$100	0060688530	TEZ1386	AUTHORIZED	245066412	Refund Generated due to adjustment on Bill #0060688530-2021-0000-00
MORRIS, RONALD LEE	MORRIS, RONALD LEE		228 AUTUMN CHASE		PITTSBORO, NC 27312	Proration	0040529119	6W6008	AUTHORIZED	164019810	Refund Generated due to proration on Bill #0040529119-2021-0000-00



North Carolina Ver

NCVTS Pending

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	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/27/2022	4/27/2022 8:33:10 AM
ie	Vehicle Sold	04/12/2022	4/26/2022 3:53:20 PM
ie	Tag Surrender	04/01/2022	4/1/2022 2:38:20 PM
ie	SLVG or RBLT TTL	04/13/2022	4/29/2022 4:47:36 PM
ie	Vehicle Sold	04/25/2022	4/25/2022 11:54:51 AM



North Carolina Ver

NCVTS Pending

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Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$32.14)	\$0.00	(\$32.14)
21	Tax	(\$20.94)	\$0.00	(\$20.94)
			Refund	\$53.08
00	Tax	(\$105.57)	\$0.00	(\$105.57)
07	Tax	(\$17.14)	\$0.00	(\$17.14)
			Refund	\$122.71
00	Tax	(\$10.61)	\$0.00	(\$10.61)
07	Tax	(\$1.72)	\$0.00	(\$1.72)
			Refund	\$12.33
00	Tax	(\$103.31)	\$0.00	(\$103.31)
22	Tax	(\$83.89)	\$0.00	(\$83.89)
22	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$187.20
00	Tax	(\$35.16)	\$0.00	(\$35.16)
06	Tax	(\$6.69)	\$0.00	(\$6.69)
			Refund	\$41.85



North Carolina Veh

NCVTS Pending

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Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
NORWOOD, ELAINE PREECE	NORWOOD, ELAINE PREECE	NORWOOD, GEORGE JOSEPH	402 CAROLINA MEADOWS	VILLA	CHAPEL HILL, NC 27517	Proration	0039556372	VPF6759	AUTHORIZED	163686924	Refund Generated due to proration on Bill #0039556372-2021-0000-00
ODANIEL, JULIANNE MURDOCH	ODANIEL, JULIANNE MURDOCH		372 ODANIEL TRL		CHAPEL HILL, NC 27516	Proration	0018814518	CBF7158	AUTHORIZED	163617584	Refund Generated due to proration on Bill #0018814518-2020-0000-00
PEARSE, HOWARD CHARLES	PEARSE, HOWARD CHARLES	PEARSE, ANGELA HORTON	200 RAYS DR		APEX, NC 27523	Proration	0057782282	CJ46951	AUTHORIZED	162925130	Refund Generated due to proration on Bill #0057782282-2021-0000-00
ROMESBURG, ERIC DOUGLAS	ROMESBURG, ERIC DOUGLAS	ROMESBURG, KAREN JEAN	69B HALF DOLLAR RD		CHAPEL HILL, NC 27516	Proration	0001328141	ZPL4026	AUTHORIZED	164030760	Refund Generated due to proration on Bill #0001328141-2021-0000-00
SACCA, PAUL SANTO	SACCA, PAUL SANTO		2487 GUM SPRINGS CHURCH	RD	PITTSBORO, NC 27312	Adjustment < \$100	0047298201	CL12381	AUTHORIZED	162995930	Refund Generated due to adjustment on Bill #0047298201-2021-0000-00



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/20/2022	4/20/2022 11:34:30 AM
ie	Vehicle Totalled	04/19/2022	4/19/2022 2:45:07 PM
ie	Vehicle Sold	04/04/2022	4/4/2022 4:45:05 PM
ie	Vehicle Totalled	04/26/2022	4/26/2022 3:08:43 PM
ie	Adjustment	04/08/2022	4/8/2022 9:49:03 AM



North Carolina Ver

NCVTS Pending

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Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$22.35)	\$0.00	(\$22.35)
07	Tax	(\$3.63)	\$0.00	(\$3.63)
			Refund	\$25.98
00	Tax	(\$17.20)	\$0.00	(\$17.20)
07	Tax	(\$2.77)	\$0.00	(\$2.77)
			Refund	\$19.97
00	Tax	(\$7.86)	\$0.00	(\$7.86)
08	Tax	(\$1.27)	\$0.00	(\$1.27)
			Refund	\$9.13
00	Tax	(\$19.86)	\$0.00	(\$19.86)
07	Tax	(\$3.23)	\$0.00	(\$3.23)
			Refund	\$23.09
00	Tax	(\$8.07)	\$0.00	(\$8.07)
05	Tax	(\$1.67)	\$0.00	(\$1.67)
			Refund	\$9.74



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
SACCA, PAUL SANTO	SACCA, PAUL SANTO		2487 GUM SPRINGS CHURCH	RD	PITTSBORO, NC 27312	Adjustment < \$100	0047298159	CL12380	AUTHORIZED	162995932	Refund Generated due to adjustment on Bill #0047298159-2021-0000-00
SBAITI, MOHAMMED	SBAITI, MOHAMMED		187 TIMBER CREEK PATH		CHAPEL HILL, NC 27517	Proration	0059359231	HBX3711	AUTHORIZED	162995470	Refund Generated due to proration on Bill #0059359231-2020-0000-00
SCHARMAN, IRENE	SCHARMAN, IRENE	SCHARMAN, ARIEL	113 DOWINGTON LN		CARY, NC 27519	Proration	0054969949	HDN2741	AUTHORIZED	244947300	Refund Generated due to proration on Bill #0054969949-2021-0000-00
SCHMIDT, JULIA ANN	SCHMIDT, JULIA ANN		763 FINNBAR DR		CARY, NC 27519	Proration	0053040333	DHW1543	AUTHORIZED	244387125	Refund Generated due to proration on Bill #0053040333-2020-0000-00
SCOTT, JAMIE ROSE	SCOTT, JAMIE ROSE		1235 GREAT RIDGE PKWY		CHAPEL HILL, NC 27516	Proration	0025333099	JAMIATA	AUTHORIZED	162673746	Refund Generated due to proration on Bill #0025333099-2020-0000-00



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Adjustment	04/08/2022	4/8/2022 9:50:07 AM
ie	Vehicle Sold	04/07/2022	4/7/2022 9:45:47 AM
ie	Vehicle Sold	04/11/2022	4/11/2022 1:56:07 PM
ie	Vehicle Sold	04/04/2022	4/4/2022 11:43:57 AM
ie	Vehicle Totalled	04/01/2022	4/1/2022 3:37:50 PM



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$3.89)	\$0.00	(\$3.89)
05	Tax	(\$0.80)	\$0.00	(\$0.80)
			Refund	\$4.69
00	Tax	(\$24.45)	\$0.00	(\$24.45)
07	Tax	(\$3.94)	\$0.00	(\$3.94)
			Refund	\$28.39
00	Tax	(\$62.57)	\$0.00	(\$62.57)
23	Tax	(\$32.46)	\$0.00	(\$32.46)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$95.03
00	Tax	(\$38.95)	\$0.00	(\$38.95)
23	Tax	(\$20.35)	\$0.00	(\$20.35)
23	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$59.30
00	Tax	(\$2.21)	\$0.00	(\$2.21)
07	Tax	(\$0.36)	\$0.00	(\$0.36)
			Refund	\$2.57



North Carolina Veh

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
SEDER, MICHAEL JAMES	SEDER, MICHAEL JAMES		926 N PEA RIDGE RD		PITTSBORO, NC 27312	Proration	0063423539	DHA1430	AUTHORIZED	163617280	Refund Generated due to proration on Bill #0063423539-2020-0000-00
STUCHINER, NOA	STUCHINER, NOA		2456 BRIAR CHAPEL PKWY		CHAPEL HILL, NC 27516	Proration	0022816026	CML9556	AUTHORIZED	164019968	Refund Generated due to proration on Bill #0022816026-2021-0000-00
STUCHINER, NOA	STUCHINER, NOA	STUCHINER, NIV	2456 BRIAR CHAPEL PKWY		CHAPEL HILL, NC 27516	Proration	0064503507	JJV5819	AUTHORIZED	164019972	Refund Generated due to proration on Bill #0064503507-2021-0000-00
TRIANGLE & TRIAD PROPERTIES INC	TRIANGLE & TRIAD PROPERTIES INC		PO BOX 876		SILER CITY, NC 27344	Proration	0064151283	RDF1459	AUTHORIZED	244958412	Refund Generated due to proration on Bill #0064151283-2021-0000-00
TYNDALL TREE SERVICE INC	TYNDALL TREE SERVICE INC		2232 GUM SPRINGS CHURCH	RD	PITTSBORO, NC 27312	Adjustment >= \$100	0036013932	YA135342	AUTHORIZED	163609424	Refund Generated due to adjustment on Bill #0036013932-2021-0000-00



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/19/2022	4/19/2022 9:47:35 AM
ie	Vehicle Sold	04/25/2022	4/25/2022 2:38:15 PM
ie	Vehicle Sold	04/25/2022	4/26/2022 3:53:20 PM
ie	Vehicle Sold	04/12/2022	4/26/2022 3:53:20 PM
ie	Adjustment	04/18/2022	4/29/2022 4:47:36 PM



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$49.93)	(\$2.50)	(\$52.43)
07	Tax	(\$8.05)	(\$0.40)	(\$8.45)
			Refund	\$60.88
00	Tax	(\$31.11)	\$0.00	(\$31.11)
07	Tax	(\$5.05)	\$0.00	(\$5.05)
			Refund	\$36.16
00	Tax	(\$112.00)	\$0.00	(\$112.00)
07	Tax	(\$18.19)	\$0.00	(\$18.19)
			Refund	\$130.19
00	Tax	(\$138.50)	\$0.00	(\$138.50)
22	Tax	(\$112.47)	\$0.00	(\$112.47)
22	Vehicle Fee	\$0.00	\$0.00	\$0.00
			Refund	\$250.97
00	Tax	(\$1,714.89)	\$0.00	(\$1714.89)
05	Tax	(\$354.58)	\$0.00	(\$354.58)
			Refund	\$2069.47



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Payee Name	Primary Owner	Secondary Owner	Address 1	Address 2	Address 3	Refund Type	Bill #	Plate Number	Status	Transaction #	Refund Description
VANHOY, MICHAEL KEITH	VANHOY, MICHAEL KEITH		27 PICKETT LN		PITTSBORO, NC 27312	Proration	0035056446	PEJ5755	AUTHORIZED	162925014	Refund Generated due to proration on Bill #0035056446-2021-0000-00
WALLACE, ROHAN S	WALLACE, ROHAN S	WALLACE, ANGELA HELEN	886 POOLE ROAD E		NEW HILL, NC 27562	Proration	0053058626	TBA4072	AUTHORIZED	162934478	Refund Generated due to proration on Bill #0053058626-2020-0000-00
WEST, ROBERT SHAW JR	WEST, ROBERT SHAW JR	WEST, PATRICIA DEAN	963 LEGACY FALLS DR S		CHAPEL HILL, NC 27517	Proration	0043423534	WXF2917	AUTHORIZED	163377584	Refund Generated due to proration on Bill #0043423534-2020-0000-00



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

	Refund Reason	Create Date	Authorization Date
ie	Vehicle Sold	04/04/2022	4/4/2022 2:58:44 PM
ie	Tag Surrender	04/06/2022	4/6/2022 8:20:50 AM
ie	Vehicle Sold	04/13/2022	4/13/2022 2:31:47 PM

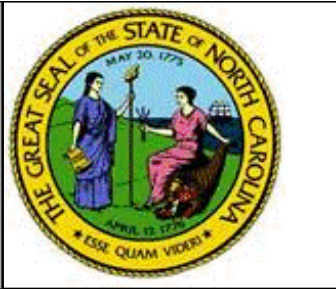


North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	Levy Type	Change	Interest Change	Total Change
00	Tax	(\$40.80)	\$0.00	(\$40.80)
07	Tax	(\$6.62)	\$0.00	(\$6.62)
			Refund	\$47.42
00	Tax	(\$7.44)	\$0.00	(\$7.44)
05	Tax	(\$1.53)	\$0.00	(\$1.53)
			Refund	\$8.97
00	Tax	(\$27.42)	\$0.00	(\$27.42)
07	Tax	(\$4.42)	\$0.00	(\$4.42)
			Refund	\$31.84
			Refund Total	\$5359.98

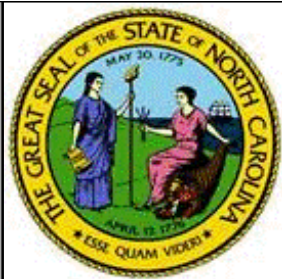


North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Tax Jurisdiction	District Type	Net Change
00	COUNTY	(\$4,258.48)
21	CITY	(\$50.35)
22	CITY	(\$196.36)
23	CITY	(\$202.92)
01	FIRE	(\$17.38)
05	FIRE	(\$358.58)
06	FIRE	(\$13.64)
07	FIRE	(\$246.38)
08	FIRE	(\$1.27)
09	FIRE	(\$14.62)
Total		(\$5,359.98)



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM



North Carolina Ver

NCVTS Pending

Report Date 5/2/2022 8:19:25 AM

Report Parameters



Chatham County, NC

Text File

File Number: 22-4287

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Emergency Operations

File Type: Agenda Item

Agenda Number:

Vote on a request to approve a contract with Xybix Systems Inc. in the amount of \$487,285.61 and authorize the County Manager to execute the agreement.

Action Requested: Vote on a request to approve a contract with Xybix Systems Inc. in the amount of \$487,285.61 and authorize the County Manager to execute the agreement.

Introduction & Background: This contract is for new console furniture for Emergency Communications at the backup EOC in Siler City and the new EOC in Pittsboro. The current furniture used in the backup 911 center is outdated and reached end of life.

Discussion & Analysis: The 911 center uses specialized console furniture to hold numerous monitors, computers, and other systems. The furniture is also ergonomically functional and allows staff the ability to stand while working. This purchase is through the H-GAC Cooperative Purchasing Program.

How does this relate to the Comprehensive Plan: Ensure public safety through adequate resources, plans, and partnerships to keep people and property safe.

Budgetary Impact: \$487,285.61

Recommendation: Approve the County Manager to execute the agreement.

Dispatch Console Furniture Services Agreement

THIS AGREEMENT is made and entered into by and between CHATHAM COUNTY, PO Box 1809, Pittsboro NC 27312 hereafter referred to as CHATHAM COUNTY and XYBIX Systems Inc., 8207 SouthPark Circle, Littleton, CO 80120, hereafter referred to as the "Contractor".

RECITALS

WHEREAS, CHATHAM COUNTY wishes to purchase the services of the Contractor to provide new dispatch console furniture; and

WHEREAS, there are funds available for the purchase of these services;

NOW THEREFORE, in consideration of the mutual undertakings and agreements hereinafter set forth, CHATHAM COUNTY and the Contractor agree as follows:

ARTICLE 1: TERM AND COST OF THE AGREEMENT

1.2 The Contractor shall be paid for time, materials and expenses. The cost of this Agreement to CHATHAM COUNTY shall not exceed \$487,285.61 as per the sum of quotes 29102B (\$306,065.65) and 28702B (\$181,219.96) and drawings; Chatham County Emergency Operations Center Main – 22773, R5 and Chatham County Backup -23293 R3 attached hereto and identified as Attachments A, B. If CHATHAM COUNTY modifies these drawings, the quote and amounts will change accordingly.

1.3 Acceptance Test Plan – A CHATHAM COUNTY representative shall be available on maximum 24 hours' notice to walk the project with Contractor's representative for the purpose of testing the functionality and specification compliance of all equipment supplied by the Contractor. A "punch list" will be created and signed by both parties with Contractor indicating the lead time required to complete punch list. CHATHAM COUNTY may withhold a maximum of 10% of the contract total as retention for completion of the punch list. Punch list form is attached hereto and identified as Attachment C.

1.4 Time is of the essence on this project. The Contractor agrees to have the console furniture built, installed and tested as follows:

1.4.1.1 Chatham County Backup -23293 by October 20, 2022 with an estimated installation date of September 20, 2022.

Dispatch Console Furniture Services Agreement

- 1.4.1.2 Chatham County Emergency Operations Center Main – 22773 by December 29, 2022 with an estimated installation date of November 29, 2022.
 - 1.4.1.3 CHATHAM COUNTY agrees to have a “complete order” to Contractor by May 20, 2022.
 - 1.4.1.4 If the installation of either of these projects must adjust to a time later than March 1, 2023, the pricing and quotes for the effected project will be adjusted to current market pricing.
- 1.5 The Contract documents are as follows. This agreement and any amendments to it include;
- Attachment A – Quotations; 29102B and 28702B
 - Attachment B – Drawings; Chatham County Emergency Operations Center Main – 22773, R5 and Chatham County Backup -23293 R3

ARTICLE 2: EQUIPMENT AND SERVICES TO BE PROVIDED.

2.1 The specifications in this Agreement identify the type of console furniture equipment CHATHAM COUNTY is purchasing and installing.

2.1.1 CHATHAM COUNTY shall designate one employee as the Project Director who shall act with and on behalf of CHATHAM COUNTY. That employee shall be Mike Reitz. The Contractor, his employees and associates shall coordinate work schedules with the Project Director, Mr. Kelley Smith.

2.1.2 The Contractor shall provide all hardware, system engineering, software, material and labor necessary to deliver, install and test, fully operational console furniture equipment. Delivery and installation is to be at CHATHAM COUNTY located at 112 Innovation Way, Plattsboro, NC 27312 (for project 22773) and 3670 Alston Bridge Rd, Siler City, NC 27344 (for project 23293). The Contractor shall be responsible for installing the dispatch console furniture in the location(s) indicated, and as directed by the Project Director.

2.2 WORK INCLUDED: All necessary and incidental equipment needed in order to meet the requirement for a complete installation in full compliance with specifications and approved drawings shall be supplied by the Contractor. The Contractor is responsible for verifying the completeness of any parts lists, the correctness of any type numbers and the overall suitability of the equipment to meet the main purpose of this

Dispatch Console Furniture Services Agreement

Agreement.

ARTICLE 3: GENERAL TERMS

3.1 **LICENSES, PERMITS AND APPROVALS:** The Contractor shall obtain and pay for all permits, licenses and approvals necessary for the execution of the Contract and shall comply with all of the laws, ordinances, rules, orders, and regulations relating to performance of work.

3.2 **SHIPMENT OF EQUIPMENT:** The Contractor shall assume all risk and bear all costs for all equipment until it has been delivered to CHATHAM COUNTY premises. The Contractor shall unpack and inspect all equipment to verify it is free of physical defects.

3.3 **STORAGE OF MATERIALS:** CHATHAM COUNTY will provide a reasonable level of security for storage after delivery by Contractor and prior to final acceptance. It shall be the Contractor's responsibility for storage of any materials and CHATHAM COUNTY will not be responsible for loss of, or damage to materials, tools, appliances, or other causes unless such loss or damage results from negligence of CHATHAM COUNTY.

3.4 **ASSIGNMENT OF CONTRACTUAL RIGHTS:** It is agreed that the Contractor shall not assign, transfer, convey, or otherwise dispose of the Agreement or its right, title or interest in or any part thereof, without previous written consent of CHATHAM COUNTY and any sureties.

3.5 **PAYMENTS:** The Contractor may submit billing invoices based on the following schedule: 50% billable upon contract execution and 40% billable upon delivery of materials Net 30 day terms. A 10% punch list retention for final touch up to be paid within 30 days of final sign-off or beneficial use and occupancy of Consoles, whichever occurs first.

3.6 **TITLE FOR EQUIPMENT:** Title passes to CHATHAM COUNTY upon final sign-off, acceptance and payment in full. No written title document need be supplied by the Contractor.

3.7 **EXTRA WORK:** No claims for extra work will be allowed unless same shall have been previously ordered by CHATHAM COUNTY in a written change order.

Dispatch Console Furniture Services Agreement

3.8 TAX EXEMPT STATUS: This project is not tax exempt. Taxes will be estimated on invoice and final amount calculated on day of invoice.

3.9 DELIVERY REQUIREMENTS - CONTRACTOR RELEASE: Contractor shall be excused from performance during the time and to the extent they are prevented from obtaining, delivering, or performing in the customary manner, by acts of God, fire, war, strike, loss or shortage of transportation facilities, lockout or commandeering of raw materials, products, plants or facilities by the government. Contractor shall provide CHATHAM COUNTY satisfactory evidence that non-performance is due to other than fault or negligence on their part.

3.10 TESTING: All equipment to be supplied under this Contract shall be tested in the factory of manufacture by the original equipment manufacturer before shipping. CHATHAM COUNTY reserves the right, at CHATHAM COUNTY's expense, to personally witness and participate in the factory testing.

3.11 CLEANING: Each day during the installation, the Contractor shall keep clean the portion of the premises where work is being done and remove from the premise any trash, litter, packing, or other materials that result from the performance of the Agreement.

3.12 CONTRACT MANAGEMENT: The Contractor shall appoint a Project Manager who shall be responsible for the progress and quality of all work to be performed, and be available for discussions, when requested by the Project Director, concerning the fulfillment of the Agreement. Official documents addressed to the Contractor will be delivered to the Project Manager by the Project Director. The Project Manager shall be available for work on this project at the time of signing the Agreement.

3.13 NOTICE AND SERVICE THEREOF: Any notice to the Contractor from CHATHAM COUNTY relative to any part of this agreement shall be considered delivered and the service thereof completed when said notice is posted by certified mail to the said Contractor at its last given address or delivered in person to said Contractor or its Project Manager on the job.

3.14 EQUIPMENT AND INSPECTION: The duty for determining rejected or defective equipment shall rest equally upon the Contractor and CHATHAM COUNTY and faulty equipment and defective work may be rejected at any time before the final completion and acceptance of the work.

Dispatch Console Furniture Services Agreement

3.15 INSURANCE: If required and upon request by CHATHAM COUNTY, Contractor can provide a certified proof of insurance. The certificate will follow these terms and requirements.

Work shall not commence until all necessary insurance requirements have been met and certificates thereof have been filed with CHATHAM COUNTY. All certificates of insurance shall be made out to CHATHAM COUNTY and submitted to CHATHAM COUNTY prior to the signed Agreement.

The insurance required below shall remain in effect throughout the term of this Agreement, and must not be allowed to lapse by the Contractor.

The Contractor shall require that all Subcontractors, including individuals hired as Independent Contractors, also maintain the insurance required below. The Subcontractors, and individuals hired as Independent Contractors, shall provide certificates of insurance to the Contractor, and the Contractor shall provide copies of those certificates to the City before the Subcontractor begins work.

Renewal certificates, for the Contractor, all Subcontractors, and all Independent Contractors, shall be submitted to CHATHAM COUNTY for policies which expire during the term of this agreement, or work may be stopped or payment delayed by CHATHAM COUNTY.

Insurance Requirements

The Contractor agrees it will defend, indemnify and hold harmless CHATHAM COUNTY, its officers and employees against any and all liability, loss, costs, damages and expenses which CHATHAM COUNTY, its officers or employees may hereafter sustain, incur, or be required to pay arising out of the Contractor's performance or failure to adequately perform its obligations pursuant to this Agreement.

The Contractor further agrees that in order to protect itself as well as CHATHAM COUNTY under the indemnity provision set forth above, it will at all times during the term of this Contract keep in force:

1. Comprehensive General Liability Insurance Policy with minimum limits of \$1,000,000 combined single limit (CSL), with coverage pertaining to operation and premises of Contractor;

Dispatch Console Furniture Services Agreement

2. Automobile Liability Insurance including owned, non-owned and hired vehicles in an amount not less than \$1,000,000 combined single limit (CSL) for total bodily injuries and/or damages arising from any one accident. If automobiles are not used, we must receive a letter from you stating this;
3. Workers Compensation Insurance.
4. Prior to the effective date of this Agreement, and as a condition precedent to this Agreement, the Contractor will furnish the Owner with certificates of insurance listing CHATHAM COUNTY as Additionally Insured.

3.16 **LAW OF THE STATE OF NORTH CAROLINA:** This Agreement is entered into within the State of North Carolina, and the law of said state, whether substantive or procedural, shall apply to this Agreement, and that all statutory, charter and ordinance provisions that are applicable to public Contracts in the City and the State of North Carolina shall be followed with respect to this Agreement.

3.17 **RECORDS - AVAILABILITY AND RETENTION:** Pursuant to Colorado Statutes, the Contractor agrees that CHATHAM COUNTY, the CHATHAM COUNTY Auditor, or any of their duly authorized representatives at any time during normal business hours and as often as they may reasonably deem necessary, shall have access to and the right to examine, audit, excerpt, and transcribe any books, documents, papers, records, et., which are pertinent to the accounting practices and procedures of the Contractor and involve transactions relating to this Agreement. Contractor agrees to maintain these records for a period of six years from the date of termination of this Agreement.

3.18 **NON-DISCRIMINATION:** During the performance of this Agreement, the Contractor agrees to the following:

No person shall, on the grounds of race, color, religion, age, sex, disability, marital status, public assistance status, sexual orientation, creed or national origin be excluded from full employment rights in, participation in, be denied the benefits of, or be otherwise subjected to discrimination under any and all applicable Federal and State laws against discrimination.

3.19 **MERGER AND MODIFICATION:** It is understood and agreed that the entire Agreement between the parties is contained here and that this Agreement supersedes

Dispatch Console Furniture Services Agreement

all oral agreements and negotiations between the parties relating to the subject matter. All items referred to in this Agreement are incorporated or attached and are deemed to be part of this Agreement.

3.20 INDEPENDENT CONTRACTOR: Nothing contained in this Agreement is intended or should be construed as creating the relationship of co-partners or joint ventures within CHATHAM COUNTY. No tenure or any rights or benefits including Workers Compensation, Unemployment Insurance, medical care, sick leave, vacation leave, severance pay, PERA, or other benefits available CHATHAM COUNTY employees, shall accrue to the Contractor or employees of the Contractor performing services under this Agreement.

3.21 WARRANTY: The Contractor shall warrant to CHATHAM COUNTY that the equipment to be delivered shall conform to the specifications and be free from defects in materials and workmanship.

3.21.1 Time of Warranty: The Contractor shall warrant all materials and workmanship supplied for a period of five years from the date of final completion and acceptance of the total complete work by CHATHAM COUNTY or beneficial use and occupancy of the furniture whichever occurs first. If however, CHATHAM COUNTY has purchased under 2021 pricing or newer for a ten-year term warranty, OR has purchased by line-item an additional warranty, the warranty period will be expanded to the appropriate term. This information is noted on the attached Quote.

3.21.2 Design Performance: The Contractor shall warrant that the equipment is capable of performing satisfactorily under normal operating conditions at specified equipment ratings and capacity. The Contractor shall warrant that the equipment supplied is free from imperfections in design, materials or construction which would create hazards.

3.22 TRAINING AND DOCUMENTATION: The Contractor shall provide on-site training and instruction for CHATHAM COUNTY employees covering the operation of the console work position features including, but not limited, to the adjustable monitor surface and the adjustable writing and keyboard surface. The Contractor shall also provide the Owner with any and all pertinent documentation describing the features and operation for the console work positions.

Dispatch Console Furniture Services Agreement

3.23 SCHEDULE: CHATHAM COUNTY will provide a date a minimum of ninety (90) calendar days in advance when installation is to begin for each installation project. The Contractor is to complete installation within approximately 10 calendar days after that date unless the project plan or negotiated agreement state differently. These dates to be discussed and confirmed in writing with Xybix Project Manager.

3.24 The prices, terms, and conditions of this contract may be extended to other governmental agencies at the mutual agreement of both the agency and the Contractor. All requirements of the specifications, purchase order, invoices, and payments with the other agencies would be executed directly between the Contractor and the using agency.

ARTICLE 4: CONSOLE FURNITURE GENERAL REQUIREMENTS

4.1 NEW EQUIPMENT: All equipment and materials shall be new, and shall be the best of their respective kinds, free of corrosion, scratches, or such other defects as to present anything other than a new appearance. This agreement defines the minimum technical requirements and parameters for all console furniture units for the CHATHAM COUNTY EOC center.

4.1.1 Current Design: The electronic equipment to be installed by others in the console furniture will be modular and reflect current concepts in dispatch center design.

4.1.2 Standards: The console furniture shall meet or exceed the latest applicable ADA, BIFMA, and ANSI/HFES100-2007 Ergonomic Standards. All panels and equipment mounting rails shall conform to EIA standards.

4.2 MECHANICAL REQUIREMENTS: The radio communications console furniture shall have an electrically adjustable keyboard shelf/writing surface independent of the monitor surface and an electrically adjustable monitor surface.

4.2.1 Construction: If selected, the console furniture panel enclosure shall consist of a 14 ga. welded and powder coated painted steel framework with 20 ga. steel (fabric/acoustical) tiles or panel segments attached to both sides to form a strong and attractive enclosure system. The acoustical panels shall use Class A flame

Dispatch Console Furniture Services Agreement

spread fabrics and all panel system components shall be of non-combustible construction. Console furniture must be designed so it can be disassembled and reconfigured in the field.

4.2.2 Colors and Finish: The consoles shall have colors and finishes as follows:

Project 22773 and Project 23293

Panel Trim : Black

Panel Fabric Upper : CF Stinson Binary Graphite BIN57

Panel Fabric Lower : CF Stinson Binary Graphite BIN57

3D Laminate Counter : Dackor Rock, Ash A016

3D Laminate Drawer&Door Front : Dackor Tafisa, Smithy Street D084

Melamine : Panolam Storm TFL S565

Edgeband : Panolam Storm TFL match

Handle : Eagle Silver

4.2.3 Work Surface: The Contractor shall provide a vertically adjustable, electric powered, keyboard/writing surface. The writing/keyboard surface shall be vertically adjustable with a lifting capacity of 350 pounds. The top of the writing surface shall be at a height from the floor of 23 inches when at the lowest vertical setting. The highest vertical setting shall be 50 inches allowing an operator to work comfortably while in a standing position.

4.2.4 Monitor Surface: The Contractor shall provide a vertically adjustable, electric powered, monitor surface. The monitor surface shall be vertically adjustable with a lifting capacity of 350 pounds. The top of the monitor surface shall be at a height from the floor of 23 inches when at the lowest vertical setting. The highest vertical setting shall be 50 inches allowing an operator to work comfortably while in a standing position.

4.3 Stability: The console furniture shall be designed to prevent the console from tipping over due to high loads on the writing/keyboard or monitor surfaces or elsewhere. The consoles shall be capable of resisting a static load anywhere on the writing surface of 500 lbs. without damage resulting. Support legs shall not interfere with operator feet.

4.4 Leveling: The bottom of the console furniture shall be equipped with leveling devices that the Contractor shall use at the time of installation to provide a

Dispatch Console Furniture Services Agreement

writing surface that is essentially level even if there is a slight variation from level in the flooring.

4.5 Task Lighting: If selected, each of the indicated consoles shall be equipped with a Contractor provided, installed and connected articulating task light, equipped with LED light bulbs as per approved drawings.

4.6 Axys or MyClimate Personal Environments Circulated Air System: If selected and per the drawings in Attachment B, the Contractor shall provide and install an Axys or MyClimate Personal Environments System for each of the console furniture positions.

4.7 Focal Depth adjustment. LCD monitors can be placed on a RollerVision focal depth adjuster which provides 10 inches of easy manual adjustment from 20" minimum to 30 maximum.

4.8 Drawings: Contract drawings as approved by Customer shall be the basis for all materials provided and for installation of consoles in the space provided. It is the responsibility of CHATHAM COUNTY to verify with Contractor that all equipment is accounted for.

Continued on Next Page

Dispatch Console Furniture Services Agreement

Contractor having signed this Agreement, and the CHATHAM COUNTY officials having duly approved this contract on the ____ day of ____, 2022, and pursuant to such approval and the proper CHATHAM COUNTY officials having signed this contract, the parties hereto agree to be bound by the provisions herein set forth.

Approved as to form:

CHATHAM COUNTY

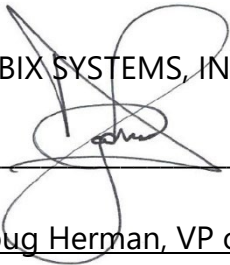
Representative, Title

Date: _____

This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

Roy Lynch, Finance Director

XYBIX SYSTEMS, INC.



Doug Herman, VP of Sales
Xybix Representative, Title

Date: April 22, 2022



Chatham County, NC

Text File

File Number: 22-4291

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Environmental Quality

File Type: Contract

Agenda Number:

Vote on a Request to Approve a Contract Extension with Weiser Security Services, Inc. to Provide Attendants at Solid Waste and Recycling Collection Centers and authorize the county manager to execute the agreement on behalf of the County.

Action Requested: Vote on a request to approve a contract extension with Weiser Security Services, Inc. to provide attendants at solid waste and recycling collection centers.

Introduction & Background: Weiser Security Services currently provides attendants at the County's 12 collection centers. Their contract ends on June 30, 2022. This extension would change the end date to September 30, 2022, adding an additional three months to the current contract.

Discussion & Analysis: There is a proposal in the budget for fiscal year 2023 for the County to bring the attendants at the County's collection centers in-house, rather than contract for these services. This contract extension will give county staff time to establish and recruit for these positions, in additions to arranging for uniforms and other supplies that will be needed.

How does this relate to the Comprehensive Plan: Objective 7: Provide infrastructure to support desired development and support economic and environmental objectives.

Budgetary Impact: The contract extension and proposal to bring the attendants in house are included in the proposed budget for fiscal year 2023.

Recommendation: Motion to Approve a Contract Extension with Weiser Security Services, Inc. to Provide Attendants at Solid Waste and Recycling Collection Centers and authorize the county manager to execute the agreement on behalf of the County.

FY 22

NORTH CAROLINA

CHATHAM COUNTY

SECOND AMENDMENT TO AGREEMENT

This Second Amendment to the Agreement (this "Second Amendment") is made and entered into this _____ day of April, 2022 by and between Chatham County, a body politic and corporate of the State of North Carolina (the "County") and Weiser Security Services, Inc. (the "Contractor"). The County and the Contractor are sometimes referred to in this Amendment individually as a "Party" and collectively as the "Parties".

RECITALS

- A. The County and the Contractor entered into the original Agreement dated and made effective the 1st day of July, 2021 (the "Agreement").
- B. The County and the Contractor approved the First Amendment to the Agreement on the 10th day of December, 2021.
- C. The County has requested that the Agreement be further amended to change the Term of Agreement to extend the Agreement an additional three (3) months to begin on July 1, 2022 and terminate on September 30, 2022.
- D. The Contractor has requested that the Compensation be increased 8% on all rates shown in Appendix 1 for a total maximum weekly billing rate of \$16,645.05 (958 attendant hours and 80 supervisor hours, plus vehicle cost).
- E. The Contractor has agreed to amend the Agreement as requested by the County.

NOW, THEREFORE, in consideration of the mutual covenants and the conditions contained herein, the Parties agree as follows:

1. **TERM OF AGREEMENT.** The Agreement is amended to extend the term an additional three (3) months to begin on July 1, 2022 and terminate on September 30, 2022.
2. **COMPENSATION.** The Compensation is increased 8% on all rates shown in Appendix 1 for a total maximum weekly billing rate of \$16,645.05 (958 attendant hours and 80 supervisor hours, plus vehicle cost).

AGREEMENT TO REMAIN IN FULL FORCE AND EFFECT. Except as set forth in the first Amendment and this Second Amendment, the original Agreement dated July 1, 2021 shall remain in full force and effect.

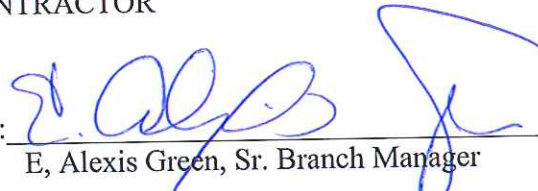
CHATHAM COUNTY

This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

Roy Lynch, Finance Director

BY: _____
Dan LaMontagne, County Manger

CONTRACTOR

BY: 
E, Alexis Green, Sr. Branch Manager

FY 22

APPENDIX 1

Description	Current Rate	Proposed Rate
<i>Attendant Pay</i>	\$10.00/hour	\$10.80/hour
<i>Attendant Billing Rate</i>	\$14.34/hour	\$15.49/hour
<i>Supervisor Pay</i>	\$12.00/hour	\$12.96/hour
<i>Supervisor Billing Rate</i>	\$17.01/hour	\$18.37/hour
<i>Vehicle Weekly Cost</i>	\$311.14/week	\$336.03/week



Chatham County, NC

Text File

File Number: 22-4297

Agenda Date: 5/16/2022

Version: 1

Status: Approval of Agenda and
Consent Agenda

In Control: Planning

File Type: Agenda Item

Agenda Number:

A request to schedule a legislative public hearing on June 21, 2022 to rezone parcels 5601, 5368 and a portion of 85322.

Action Requested:

A request to schedule a legislative public hearing on June 21, 2022 to rezone parcels 5601, 5368 and a portion of 85322.

Introduction & Background:

This request is being provided to the board on behalf of Kent Jones who is an attorney working with Vinfast to acquire additional property for the facility. The parcels are owned by Duke Energy and General Shale, and Mr. Jones has been in on-going negotiations with representatives of both industries and they are aware of this request.

Discussion & Analysis:

The Triangle Innovation Point megasite encompasses over 2,150 acres and Vinfast recently announced their decision to locate a new automobile manufacturing facility on approximately 2,000 acres of the site. The property within the formal boundaries of the megasite are currently zoned Heavy Industrial, and in 2018 the Board of Commissioners initiated a rezoning of 984 of those acres. As Vinfast representatives have evaluated the site they have determined that additional property is needed to better meet their needs resulting in negotiations with Duke Energy and General Shale. The timing of the request is important to the overall success of the project and the most efficient path forward is for a board-initiated rezoning. The size of the parcels are 244.4 acres (5601), 66.5 acres (5368), and 273.49 (85332). Mr. Jones is preparing additional information for this request which will be provided over the next few weeks.

Screenshot of the TIP site and the three parcels under consideration for rezoning

Screenshot of the properties under consideration for rezoning with the current zoning displayed

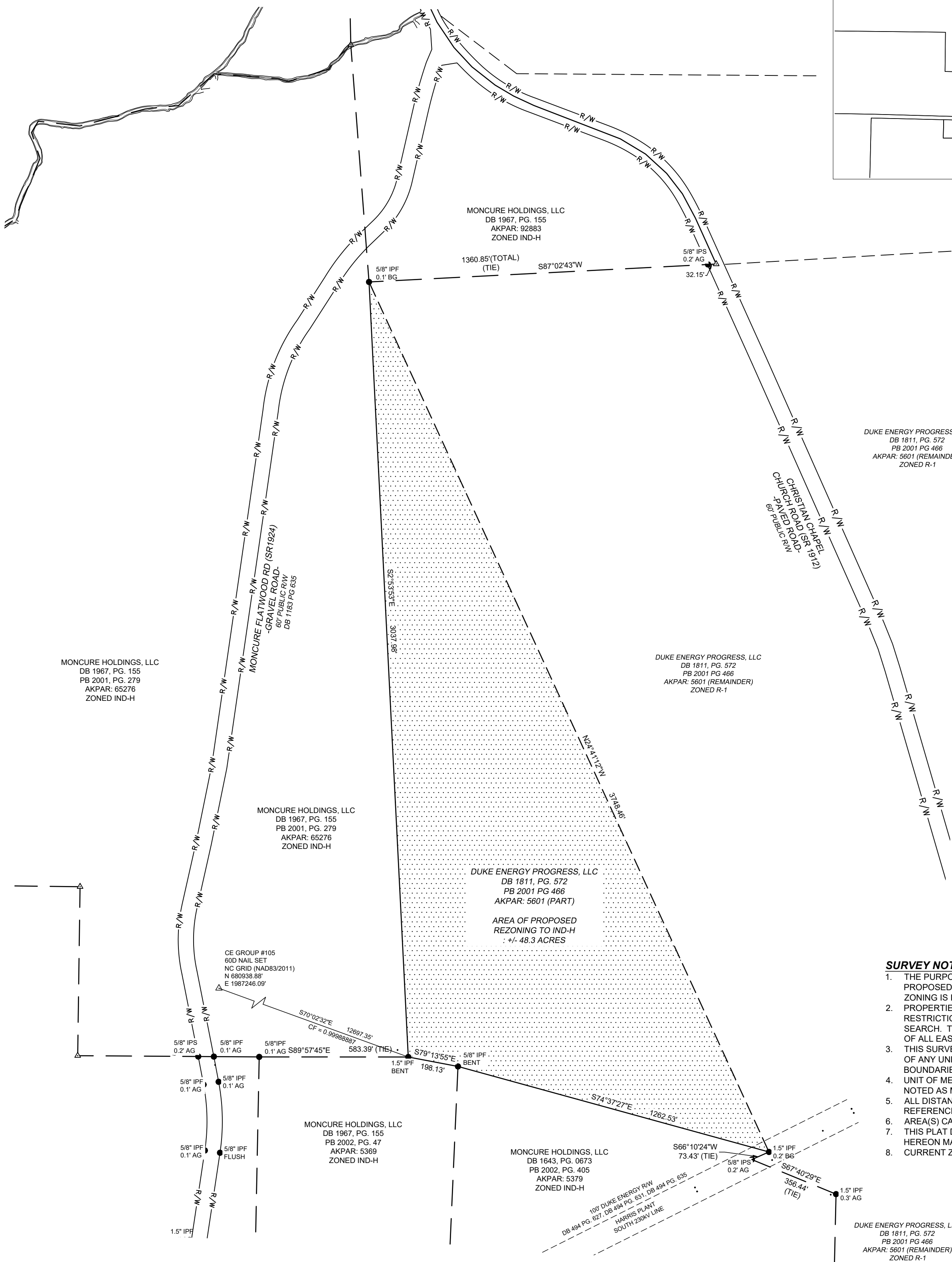
How does this relate to the Comprehensive Plan:

Goal 4: Diversify the tax base and generate more quality, in-county jobs to reduce dependence on residential property taxes, create economic opportunity and reduce out-commuting.

Recommendation:

Schedule a public hearing on June 21, 2022 to consider rezoning parcels 5601, 5368 and a portion of 85322 from R1, Residential and Conditional Use Heavy Industrial to general use Heavy Industrial.

THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS.



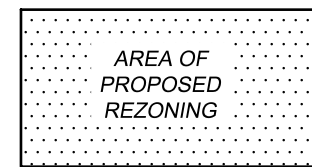
VICINITY MAP
NTS



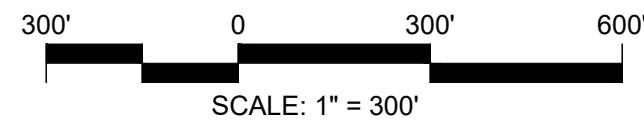
ABBREVIATIONS	
CMF	CONCRETE MONUMENT FOUND
DB	DEED BOOK
IPF	IRON PIPE FOUND
IPS	IRON PIPE SET
IRF	IRON REBAR FOUND
PKF	PK NAIL FOUND
PLTR	PROPERTY LINE TO BE REMOVED
N/F	NOW OR FORMERLY
PG	PAGE
R/W	RIGHT OF WAY
R/W MON	NCDOT RIGHT OF WAY MONUMENT
TYP	TYPICAL
SF	SQUARE FEET
AC	ACRES

LINE LEGEND	
	PROPERTY LINE
	PROPERTY LINE NOT SURVEYED
	EASEMENT LINE
	ADJOINER LINE
	RIGHT-OF-WAY LINE

SYMBOL LEGEND	
	COMPUTED POINT
	PROPERTY CORNER FOUND
	PROPERTY CORNER SET
	CONCRETE MONUMENT FOUND



- SURVEY NOTES**
1. THE PURPOSE OF THIS PLAT IS TO PROVIDE AN ILLUSTRATION OF AREA OF PROPOSED REZONING. CURRENT ZONING FOR THIS AREA IS R-1. THE DESIRED ZONING IS IND-H.
 2. PROPERTIES SHOWN HEREON ARE SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD THAT WOULD BE REVEALED BY A THOROUGH TITLE SEARCH. THIS PLAT SHOULD NOT BE RELIED UPON AS A COMPLETE RECORD OF ALL EASEMENTS THAT MAY EFFECT THESE PROPERTIES.
 3. THIS SURVEYOR DOES NOT CERTIFY TO THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITIES THAT MAY OR MAY NOT EXIST WITHIN THE BOUNDARIES AS SHOWN HEREON.
 4. UNIT OF MEASUREMENT IS U.S. SURVEY FEET (FT) UNLESS SPECIFICALLY NOTED AS METERS (m).
 5. ALL DISTANCES AND COORDINATES SHOWN HEREON ARE BASED ON REFERENCES SHOWN HEREON.
 6. AREA(S) CALCULATED BY THE COORDINATE METHOD.
 7. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY. LINES SHOWN HEREON MAY BE DEPICTED BY REFERENCES AS SHOWN HEREON.
 8. CURRENT ZONING SHOWN PER CHATHAM COUNTY GIS.



REZONING EXHIBIT

ON THE PROPERTY OF DUKE ENERGY PROGRESS, LLC

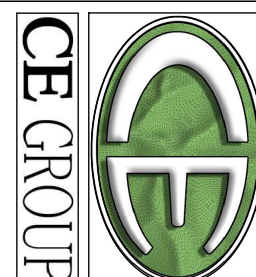
FOR

PROJECT BLUE NC, LLC

CAPE FEAR TOWNSHIP - CHATHAM COUNTY - NORTH CAROLINA

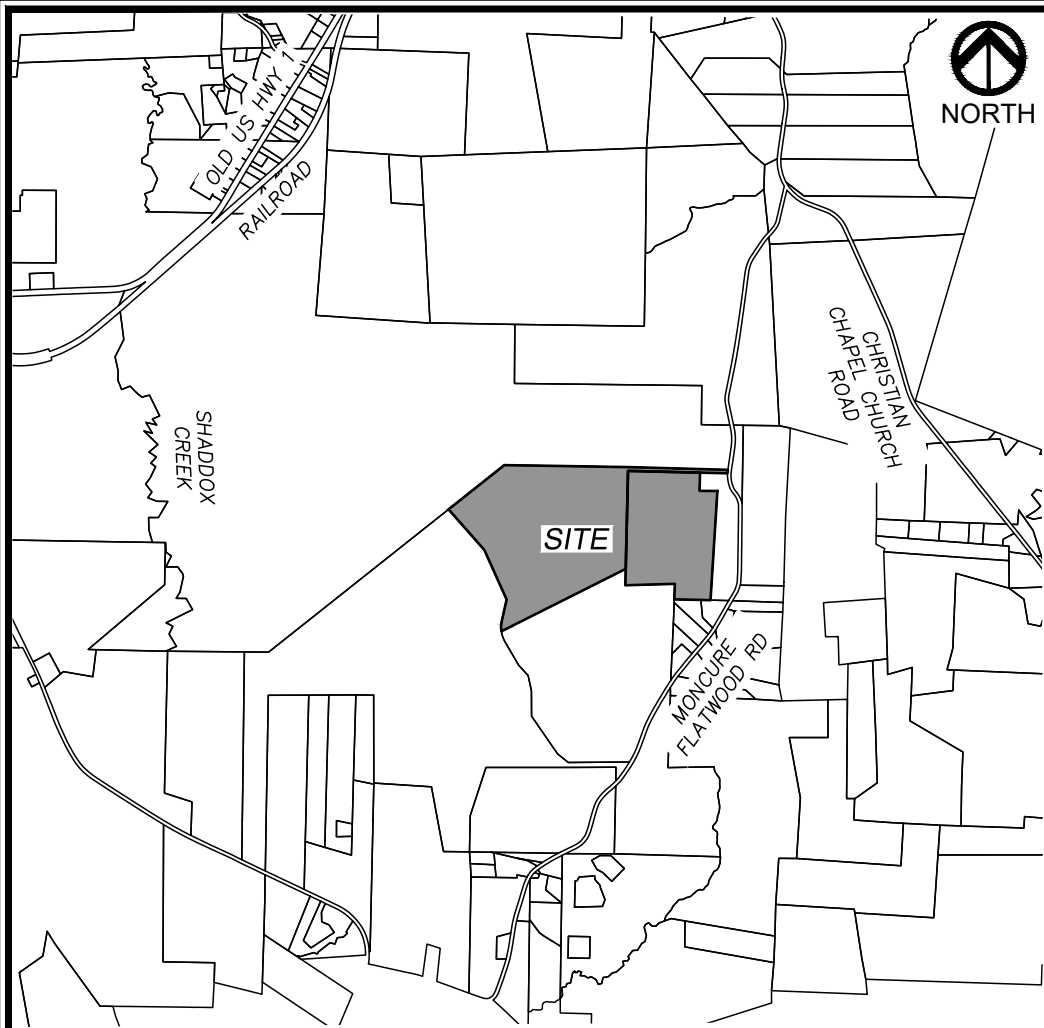
www.cegroupinc.com
License # C-1739

301 GLENWOOD AVE, 220
RALEIGH, NC 27603
PHONE: 919-367-8790
FAX: 919-233-0032



NO.

Sheet No:	1
Date:	MAY 10, 2022
Scale:	1" = 300'
Drawn:	DSC
Checked:	JGS
Project No:	ZOO-135
Computer Dwg. Name:	10103_2001135 Proj Blue Rezoning



VICINITY MAP
NTS

ABBREVIATIONS	
CMF	CONCRETE MONUMENT FOUND
PB	PLAT BOOK
DB	DEED BOOK
IPF	IRON PIPE FOUND
IPS	IRON PIPE SET
IRF	IRON REBAR FOUND
PKF	PK NAIL FOUND
PLTR	PROPERTY LINE TO BE REMOVED
N/F	NOW OR FORMERLY
PG	PAGE
R/W	RIGHT OF WAY
R/W MON	NCDOT RIGHT OF WAY MONUMENT
TYP	TYPICAL
SF	SQUARE FEET
AC	ACRES

LINE LEGEND	
	PROPERTY LINE
	PROPERTY LINE NOT SURVEYED
	EASEMENT LINE
	ADJOINER LINE
	R/W RIGHT-OF-WAY LINE

SYMBOL LEGEND	
	COMPUTED POINT
	PROPERTY CORNER FOUND
	PROPERTY CORNER SET
	CONCRETE MONUMENT FOUND

AREA OF PROPOSED REZONING	
	AREA OF PROPOSED REZONING

THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS.

MONCURE HOLDINGS, LLC
DB 1339, PG. 1158
PB 98, PG. 425
(TRACT 4)
AKPAR: 5842
ZONED IND-H

MONCURE HOLDINGS, LLC
DB 1339, PG. 1158
PB 98, PG. 425
(TRACT 4)
AKPAR: 5842
ZONED IND-H

GENERAL SHALE BRICK, INC.
DB 696, PG. 894
DB 1326, PG. 940
PB 2014, PG. 263
AKPAR: 85332 (PART)

AREA OF PROPOSED REZONING TO IND-H:
+/- 127.8 ACRES

GREEN MEADOW, LLC
DB 1770, PG. 99
PB 2014 PG 263
AKPAR: 61577
ZONED R-1 AND CU-IND-H

GENERAL SHALE BRICK, INC.
DB 1326, PG. 950
(PARCEL THREE)
PB 2001, PG. 470
AKPAR: 5368

AREA OF PROPOSED REZONING TO IND-H:
+/- 66.5 ACRES

MONCURE FLATWOOD RD (SR1924)
-GRAVEL ROAD-
DB 922 PG 101
DB 1163 PG 637

MONCURE HOLDINGS, LLC
DB 1339, PG. 1158
PB 98, PG. 425
(TRACT 2)
AKPAR: 5842
ZONED IND-H

CE GROUP #105
800 NAIL SET
NC GRID (NAD83/2011)
N 680938.88'
E 1987248.08'

LISA T. MALOOF
DB 1833, PG. 300
PB 2012 PG 253
AKPAR: 67948
ZONED R-1

COLON R. TAYLOR, III
CHERYL Y. TAYLOR
DB 1731, PG. 166
PB 2012 PG 253
AKPAR: 89609
ZONED R-1

GENERAL SHALE BRICK, INC.
DB 696, PG. 894
DB 1326, PG. 940
PB 2014, PG. 263
AKPAR: 85332 (REMAINDER)
ZONED R-1 AND CU-IND-H

SURVEY NOTES

1. THE PURPOSE OF THIS PLAT IS TO PROVIDE AN ILLUSTRATION OF AREA OF PROPOSED REZONING. CURRENT ZONING FOR THIS AREA IS CU-IND-H AND R-1. THE DESIRED ZONING IS IND-H.
2. PROPERTIES SHOWN HEREON ARE SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD THAT WOULD BE REVEALED BY A THOROUGH TITLE SEARCH. THIS PLAT SHOULD NOT BE RELIED UPON AS A COMPLETE RECORD OF ALL EASEMENTS THAT MAY EFFECT THESE PROPERTIES.
3. THIS SURVEYOR DOES NOT CERTIFY TO THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITIES THAT MAY OR MAY NOT EXIST WITHIN THE BOUNDARIES AS SHOWN HEREON.
4. UNIT OF MEASUREMENT IS U.S. SURVEY FEET (FT) UNLESS SPECIFICALLY NOTED AS METERS (m).
5. ALL DISTANCES AND COORDINATES SHOWN HEREON ARE BASED ON REFERENCES SHOWN HEREON.
6. AREA(S) CALCULATED BY THE COORDINATE METHOD.
7. THIS PLAT DOES NOT REPRESENT A BOUNDARY SURVEY. LINES SHOWN HEREON MAY BE DEPICTED BY REFERENCES AS SHOWN HEREON.
8. CURRENT ZONING SHOWN PER CHATHAM COUNTY GIS.

300' 0 300' 600'
SCALE: 1" = 300'



REZONING EXHIBIT

ON THE PROPERTY OF GENERAL SHALE BRICK, INC.
FOR

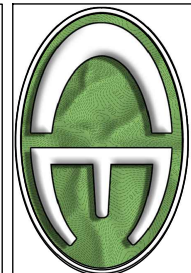
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FAX: 919-233-0032

CE GROUP



NO.



Chatham County, NC

Text File

File Number: 22-4295

Agenda Date: 5/16/2022

Version: 1

Status: Board Priorities

In Control: Board of Commissioners

File Type: Resolution

Agenda Number:

Vote on a request to adopt a Resolution Urging the State of North Carolina to Fulfill its Constitutional Duty to Provide Every Child Access to a Sound Basic Education



Established 1771

CHATHAM COUNTY COMMISSIONERS

Karen Howard, Chair
Franklin Gomez Flores, Vice Chair
Mike Dasher
Diana Hales
Robert Logan

COUNTY MANAGER

Dan LaMontagne

P. O. Box 1809, Pittsboro, NC 27312-1809 • Phone: (919) 542-8200

Resolution of the Chatham County Board of Commissioners

Urging the State of North Carolina to Fulfill its Constitutional Duty to Provide Every Child Access to a Sound Basic Education

WHEREAS, for more than 25 years, North Carolina lawmakers from both parties have failed to meet their constitutional obligation to provide all children in the state with a sound basic education;

WHEREAS, far too many students, particularly students of color, students from economically disadvantaged families, students with disabilities, English learners, and rural students have been denied the opportunities promised to them under the North Carolina Constitution;

WHEREAS, the State Constitution and North Carolina General Statutes place the responsibility to fund a public school system that provides every child in the state with access to a sound basic education with the State of North Carolina, both the executive and legislative branches;

WHEREAS, adequate educational opportunities cannot realistically be provided without adequate education funding;

WHEREAS, on March 15, the State submitted to the court a long-term comprehensive remedial plan (“Leandro Plan”) detailing specific steps State leaders must enact to remedy the ongoing constitutional violations in our public school system and ensure that all students have access to the education they are owed under the State Constitution;

WHEREAS, the Leandro Plan represents the bare minimum of the steps State leaders must take to fulfill their constitutional duties and is not a menu from which policymakers may select their preferred initiatives;

WHEREAS, Governor Cooper’s Budget Recommendations for 2021-23 demonstrate that the Leandro Plan can be fully implemented within existing State resources;

WHEREAS, on June 7, Judge W. David Lee ordered the state to implement the Leandro Plan “in full and in accordance with the timelines set forth therein;”

WHEREAS, district leaders, including school board members, stand ready to direct additional State resources to the students and schools with the greatest needs, such that all children have an equal opportunity to realize their full potential;

WHEREAS, receiving a quality education is paramount to catalyzing the full growth and self-actualization of students, families, communities, and our State as a whole;

THEREFORE, be it resolved that the Chatham County Board of Commissioners requests that the North Carolina General Assembly fully enact the policy and funding reforms included in the Leandro Plan to ensure that all North Carolina students have access to a sound basic education by the 2028 school year.

Adopted by the Chatham County Board of Commissioners this 16 day of May 2022.

Karen Howard, Chair
Chatham County Board of Commissioners

ATTEST:

Lindsay K. Ray, NCMCC, Clerk to the Board
Chatham County Board of Commissioners



Chatham County, NC

Text File

File Number: 22-4298

Agenda Date: 5/16/2022

Version: 1

Status: Board Priorities

In Control: Board of Commissioners

File Type: Resolution

Agenda Number:

Vote on a request to adopt a Resolution Supporting State Trail Designation for the Haw River Trail



CHATHAM COUNTY COMMISSIONERS

Karen Howard, Chair
Franklin Gomez Flores, Vice Chair
Mike Dasher
Diana Hales
Robert Logan

COUNTY MANAGER

Dan LaMontagne

P. O. Box 1809, Pittsboro, NC 27312-1809 • Phone: (919) 542-8200

Resolution of the Chatham County Board of Commissioners

Established 1771

SUPPORTING STATE TRAIL DESIGNATION FOR THE HAW RIVER TRAIL

WHEREAS, the State of North Carolina (hereinafter referred to as "the State"), has proposed multi-use trail development and natural resource preservation efforts within a defined area along the Haw River (hereinafter referred to as "the Trail Corridor"); and

WHEREAS, the State has proposed a paddle, hiking and/or multi-use trail connecting the Haw River State Park to Jordan Lake State Recreation Area, (hereinafter referred to as "the Trail"), as a component of the State Trails System, to make efficient use of public dollars and provide the greatest benefit by linking key resources; and

WHEREAS, the preservation of resources within the Trail Corridor provides a wide range of outstanding existing and potential recreational and economic development opportunities; and

WHEREAS, the Haw River and its tributaries flow through multiple municipalities, counties, and four multi-county planning regions; and

WHEREAS, Chatham County government has signed the Haw River Trail Governmental Agency Partnership Memorandum of Understanding between Alamance County, Guilford County, Chatham County, Orange County, Rockingham County, and the City of Burlington, the City of Graham, the City of Greensboro, the Town of Haw River, the Town of Pittsboro, the Town of Swepsonville, and the State of North Carolina, Department of Natural and Cultural Resources concerning the Haw River Trail corridor; and

WHEREAS, the listed governmental agencies desire to represent a unified vision for the Trail Corridor when sharing information both internally within their respective agencies and externally on matters relating to the planning, development, signage, public information, maintenance, and management of the Trail Corridor; and

WHEREAS, adding the Trail Corridor as a component of the State Trails System, which is part of the NC State Parks System, means the NC Department of Natural and Cultural Resources "shall support, promote, encourage, and facilitate the establishment of trail segments on State park land and on lands of other federal, State, local, and private landowners" and State Parks staff can aid in the development of the Trail Corridor and the State can hold easements or purchase land from willing landowners that is needed to complete the Trail Corridor; and

WHEREAS, all State Trails must be authorized by the NC General Assembly; and

NOW, THEREFORE, BE IT RESOLVED that the Chatham County Board of Commissioners supports authorizing State Trail designation by the NC General Assembly for the Haw River Trail Corridor in Rockingham, Guilford, Alamance, Orange, and Chatham Counties and urges the NC General Assembly to authorize the Haw River Trail as a State Trail to be added to the NC State Parks System.

BE IT FURTHER RESOLVED that this resolution be forwarded to the NC Department of Natural and Cultural Resources, the NC General Assembly leadership, our local legislative delegation, and Governor Roy Cooper.

Adopted, this the 16th day of May 2022.

ATTEST:

Karen Howard, Chair
Chatham County Board of Commissioners

Lindsay K. Ray, NCMCC, Clerk to the Board
Chatham County Board of Commissioners



Chatham County, NC

Text File

File Number: 22-4290

Agenda Date: 5/16/2022

Version: 1

Status: Public Hearing

In Control: Board of Commissioners

File Type: Agenda Item

Public Hearing to receive public comment on the FY 2022-2023 Recommended Budget



Chatham County FY 2022-2023 Recommended Budget

May 2, 2022

Budget Process

Before the budget is finalized Commissioners will:

Budget Process

Before the budget is finalized Commissioners will:

- Hold 2 public hearings

Budget Process

Before the budget is finalized Commissioners will:

- Hold 2 public hearings
- Hold work sessions May 24, 25, and 26 (if needed)

Budget Process

Before the budget is finalized Commissioners will:

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- Make changes based on deliberations

Budget Process

Before the budget is finalized Commissioners will:

- Hold 2 public hearings
- Hold work sessions May 24, 25, and 26 (if needed)
- Make changes based on deliberations

Goal: **Finalize on June 21**, state requires adoption by June 30

Budget at a Glance

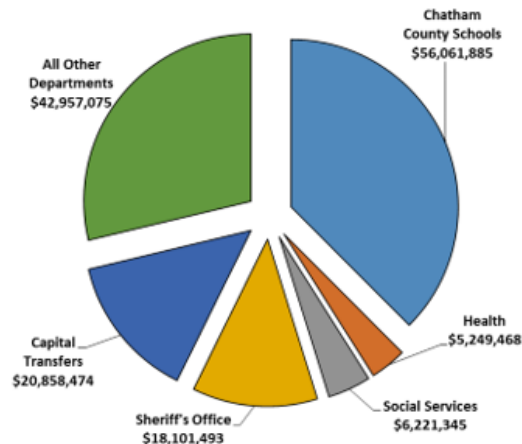
► Total Property Valuation: \$14.29 Billion

► One Penny Generates: \$1,412,367

► Tax Rate: 66.5 cents

► Total Property Tax Revenue: \$94,627,948

► General Fund Balance Appropriated: \$4,939,277



Budget Summary

General Fund	
Administration	\$33,590,610
Culture/Education/Recreation	\$65,124,006
General Government	\$4,547,479
Human Services	\$21,637,074
Natural Resource Management	\$6,822,605
Public Safety	\$33,152,284
Total General Fund	\$164,874,058
Solid Waste and Recycling Fund	\$4,133,035
Southeast Water District	\$754,988
Water Fund	\$8,478,538

Looking Back FY 2022

Chatham County's 250th anniversary

VinFast Announcement

Much to celebrate and be thankful for



Accomplishments

Public Health

- Expanded nutrition services such as the Diabetes Prevention Program and medical nutrition therapy
- Continued Covid-19 vaccination efforts, including booster shots and pediatric vaccine

Accomplishments

Public Health

- Expanded nutrition services such as the Diabetes Prevention Program and medical nutrition therapy
- Continued Covid-19 vaccination efforts, including booster shots and pediatric vaccine

Council on Aging

- Created “Peaceful Pathways for Caregivers” area at Northeast District Park

Accomplishments

Library

- Enrolled in the Sustainable Shelves program – gives monetary credit for saleable books and provided other communities in need with materials to boost their collection

Accomplishments

Library

- Enrolled in the Sustainable Shelves program – gives monetary credit for saleable books and provided other communities in need with materials to boost their collection

Human Resources

- Implemented EEO plan to use more recruitment platforms that will provide connection to HBCUs and the community college system

Accomplishments

Manager's Office and Planning

- Staff collaborated to create agreement with Vickers Village to include a “Payment in support of” development agreement and 10 permanently affordable housing units

Accomplishments

Manager's Office and Planning

- Staff collaborated to create agreement with Vickers Village to include a “Payment in support of” development agreement and 10 permanently affordable housing units

Parks & Recreation

- Made improvements to the South Bynum River Access – cleared invasive species and installed park benches, trashcans, and handrails on the stairs

Current Year Revenue Highlights

Property tax

- 102% of budget collected by end of March

Current Year Revenue Highlights

Property tax

- 102% of budget collected by end of March

Motor Vehicles

- 84% of budget by late April

Current Year Revenue Highlights

Property tax

- 102% of budget collected by end of March

Register of Deeds

- Excise tax and fees over budget by end of March

Motor Vehicles

- 84% of budget by late April

Current Year Revenue Highlights

Property tax

- 102% of budget collected by end of March

Register of Deeds

- Excise tax and fees over budget by end of March

Motor Vehicles

- 85% of budget by early April

Development Services

- All on track to meet or exceed budget

Sales Tax

Article 39 and 42 locally collected trending **17%** over prior year

Sales Tax

Article 39 and 42 locally collected trending **17%** over prior year

Article 40 - based on statewide collection - trending **17%** over prior year

Sales Tax

Article 39 and 42 locally collected trending **17%** over prior year

Article 40 - based on statewide collection - trending **17%** over prior year

Article 46 – **102%** of budget collected

Looking Ahead

Economic Indicators

Budget Highlights



Economic Indicators

Economic Indicators

Unemployment

Economic Indicators

Unemployment

Labor Market

Economic Indicators

Unemployment

Labor Market

Excise Tax

Economic Indicators

Unemployment

Labor Market

Excise Tax

Population Growth

Economic Indicators

Unemployment

Labor Market

Excise Tax

Population Growth

Building Permits

**“Honor the
past but
welcome the
future”**

**Growth we’ve been expecting is
here**

**Continue to remember our
history as a largely rural county**

Revenue

Property tax budget is increased to \$94.6M

Revenue

Property tax budget is increased to \$94.6M

Permitting budget is increased to \$1.8M

Revenue

Property tax budget is increased to \$94.6M

Permitting budget is increased to \$1.8M

Excise tax budget is increased to \$1.5M

Revenue

Property tax budget is increased to \$94.6M

Permitting budget is increased to \$1.8M

Excise tax budget is increased to \$1.5M

Sales tax budget is increased to \$23.8M

Revenue

Property tax budget is increased to \$94.6M

Permitting budget is increased to \$1.8M

Excise tax budget is increased to \$1.5M

Sales tax budget is increased to \$23.8M

Transfers-In budget is increased to \$22.3M

Revenue

Budget Summary

	A 2020 Actual	B 2021 Actual	C 2022 Amended	D 2022 Estimated	E 2023 Total Req.	F 2023 Total Rec.	G Variance	H Total % Inc./Dec.
Revenues								
Permits and Fees	(2,166,308)	(2,443,582)	(2,052,295)	(2,399,874)	(2,356,142)	(2,356,142)	(303,847)	15%
Intergovernmental	(11,429,970)	(12,653,992)	(13,937,164)	(14,627,832)	(11,457,356)	(11,457,356)	2,479,808	(18%)
Interest	(392,094)	876,490	(150,000)	(315,446)	(150,000)	(150,000)	0	0%
Contributions from others	(694,168)	(717,887)	(1,052,777)	(723,055)	(413,668)	(413,668)	639,109	(61%)
Miscellaneous	(454,199)	(417,881)	(315,245)	(593,282)	(338,000)	(338,000)	(22,755)	7%
Other Taxes/Licenses	(1,002,335)	(1,433,801)	(1,142,862)	(1,700,000)	(1,665,682)	(1,665,682)	(522,820)	46%
Property Tax	(77,607,735)	(81,974,218)	(89,227,318)	(92,422,906)	(94,627,948)	(94,627,948)	(5,400,630)	6%
Charges for Services	(2,720,044)	(3,027,537)	(2,638,563)	(3,269,477)	(2,803,258)	(2,803,258)	(164,695)	6%
Sales Tax	(16,284,601)	(20,376,819)	(19,166,848)	(24,118,487)	(23,770,547)	(23,770,547)	(4,603,699)	24%
Transfers In	(12,968,119)	(12,721,907)	(20,600,684)	(11,812,584)	(22,352,180)	(22,352,180)	(1,751,496)	9%
Appropriated Fund Balance	0	0	(5,181,148)	0	0	(4,939,277)	241,871	(5%)
Total Revenues	(125,719,575)	(134,891,133)	(155,464,904)	(151,982,943)	(159,934,781)	(164,874,058)	(9,409,155)	6%

Expense

Chatham County Schools

- Additional \$105,000 to support the opening of new Central Services building and Chatham Reads literacy program
- Additional \$820,000 to implement new hybrid model for the teacher supplement – implementation of new model also includes a guaranteed minimum increase of \$250 for all teacher's supplements

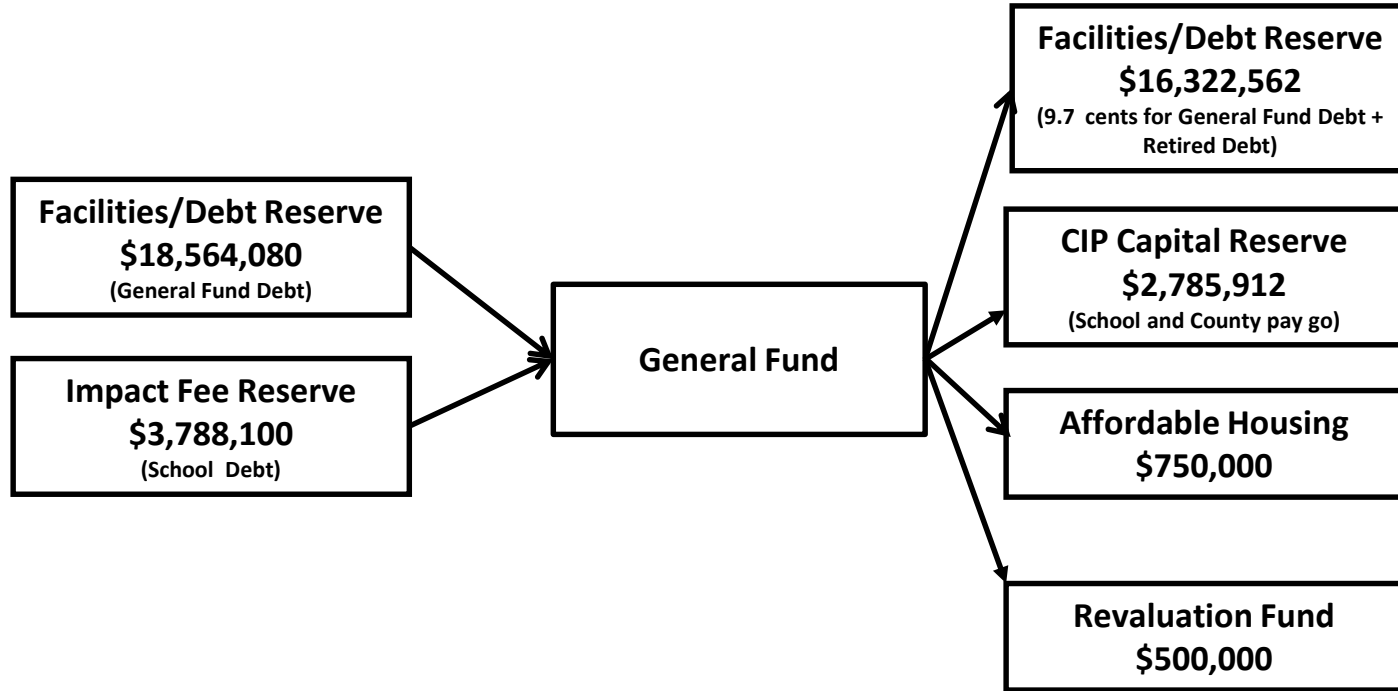
Expense - Transfers/Debt

Transfer-out	\$20,858,474
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Expense - Transfers/Debt

Transfer-out	\$20,858,474
Debt	\$25,002,180

General Fund Transfers In and Out



Expense – 72.375 New Positions

Building Inspections (5)

Tax Administration (1)

Environmental Health (3)

Watershed Protection (3)

Social Services (1)

Parks and Recreation (1)

Utilities(2)

Facilities (2)

Emergency Communications (5)

Emergency Management (2)

Court Services (1.5)

Sheriff - Animal Services (4)

Aging (16.675)

Solid Waste & Recycling (25.2)

Expense – Other

Expense – Other

Contractual Increases

Expense – Other

Contractual Increases
Cloud-based software

Expense – Other

Contractual Increases

Cloud-based software

Data Governance and LiDAR

Expense – Other

Contractual Increases

Cloud-based software

Data Governance and LiDAR

Turf Management Plan (Preventative Maintenance)

Expense – Other

Contractual Increases

Cloud-based software

Data Governance and LiDAR

Turf Management Plan (Preventative Maintenance)

Employee pay adjustment

Highlights – Major Funds

	Total	Change
General Fund	\$164,874,058	+6%
Solid Waste & Recycling	\$4,133,035	+6%
SE Water District	\$754,988	+0%
Utility	\$8,478,538	-2%

New/Increased Fees

New/Increased Fees

Environmental Health

- Improvement Permits:
- Residential 2 bedrooms – increase from \$120 to \$150
- Residential 3 bedrooms – increase from \$200 to \$225
- Residential 4 bedrooms – increase from \$275 to \$300
- Residential 5 bedrooms – increase from \$330 to \$350
- Residential 6+ bedrooms – increase from \$400 to \$400 plus additional \$50 for each bedroom above 6
- Pool Permit (Seasonal) – increase from \$175 to \$200

New/Increased Fees (continued)

Aging Fees

- Senior Games - \$10 early registration, \$15 normal/standard, \$5 bag lunch
- Facility rental (Dance) - \$120/week
- Sitter background checks - \$18
- Medical Transport - \$2 each way

Summary

Significant operational changes

Summary

Significant operational changes

**Optimistic about continued and consistent growth in the
County**

Summary

Significant operational changes

Optimistic about continued and consistent growth in the
County

Preparing for continued growth and development

Reminder - Key Dates

Public
Hearings

May 16 + 17

Work
Session

May 24, 25, 26

Finalize

June 21, 2022



Thank you!

Comments/Questions?

Darrell Butts

Budget Director

919-545-8333

darrell.butts@chathamcountync.gov



Chatham County, NC

Text File

File Number: 22-4275

Agenda Date: 5/16/2022

Version: 1

Status: Public Hearing

In Control: Planning

File Type: Agenda Item

A quasi-judicial public hearing for a request by Chatham County Emergency Operations for a new 380-foot telecommunications tower to be located at 5410 Big Woods Rd, Northeast Park, Parcel 19573, in an area of approximately .275 acres of the 66-acre tract, Williams Township.

Action Requested:

A quasi-judicial public hearing for a request by Chatham County Emergency Operations for a new 380-foot telecommunications tower to be located at 5410 Big Woods Rd, Northeast Park, Parcel 19573, in an area of approximately .275 acres of the 66-acre tract, Williams Township.

Introduction & Background:

Discussion & Analysis:

How does this relate to the Comprehensive Plan:

Recommendation:



Chatham County, NC

Text File

File Number: 22-4276

Agenda Date: 5/16/2022

Version: 1

Status: Public Hearing

In Control: Planning

File Type: Agenda Item

A legislative public hearing for a request by the Chatham County Manager to amend Attachment A, Permitted Uses, of the Watershed Protection Ordinance to add the following use - Wireless Telecommunication Towers.

Action Requested:

A legislative public hearing for a request by the Chatham County Manager to amend Attachment A, Permitted Uses, of the Watershed Protection Ordinance to add the following use - Wireless Telecommunication Towers.

Introduction & Background:

Discussion & Analysis:

How does this relate to the Comprehensive Plan:

Recommendation:



Chatham County, NC

Text File

File Number: 22-4277

Agenda Date: 5/16/2022

Version: 1

Status: Public Hearing

In Control: Planning

File Type: Agenda Item

A legislative public hearing for a request by the Chatham County Planning Department to consider amendments to the Chatham County Flood Damage Prevention Ordinance; specifically, Article 1 Section A Statutory Authorization, and Article 3 Section B Basis for Establishing the Areas of Special Flood Hazard.

A legislative public hearing for a request by the Chatham County Planning Department to consider amendments to the Chatham County Flood Damage Prevention Ordinance; specifically, Article 1 Section A Statutory Authorization, and Article 3 Section B Basis for Establishing the Areas of Special Flood Hazard.

Action Requested:

Introduction & Background:

Discussion & Analysis:

How does this relate to the Comprehensive Plan:

Recommendation: