

**GOLDSBORO CITY COUNCIL
RECESSED MEETING AGENDA
FRIDAY, JULY 15, 2022**

(Please turn off, or silence, all cellphones upon entering the Council Chambers)

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. ITEMS TO BE DISCUSSED**
 - Choice Neighborhoods Planning Grant MOU
 - Wayne County Development Alliance MOU
 - Defense Communities Infrastructure Program (DCIP) Grant
- IV. CLOSED SESSION**
- V. ADJOURN**

CITY OF GOLDSBORO
AGENDA MEMORANDUM
JULY 15, 2022 COUNCIL MEETING

SUBJECT: Choice Neighborhoods Grant Memorandum of Understanding

BACKGROUND: The Housing Authority of the City of Goldsboro has requested that the City of Goldsboro serve as co-applicant for their HUD Choice Neighborhood Planning Grant application. The Housing Authority, along with their Planning Coordinator, Camiros, Ltd., presented the request to Council at their meeting on June 20, 2022.

A similar request was made by the Housing Authority and approved by Council on June 19, 2016.

DISCUSSION: The Housing Authority is requesting that the City of Goldsboro sign the amended 2016 Memorandum of Understanding as a co-applicant for the Choice Neighborhoods Planning Grant. The grant application is due to HUD by July 28, 2022.

The Housing Authority owns and operates a 300 unit public housing apartment community in Goldsboro, known as West Haven Apartments, which will be the target area of the grant.

RECOMMENDATION: It is recommended that Council adopt a resolution authorizing the City Manager to sign the MOU to apply for the HUD Choice Neighborhoods Planning Grant with the City of Goldsboro designated as co-applicant.

Date:

7/15/22



Timothy M. Salmon, City Manager

RESOLUTION NO. 2022 -66

**RESOLUTION AUTHORIZING THE CITY MANAGER TO SIGN
A MEMORANDUM OF UNDERSTANDING FOR THE
CHOICE NEIGHBORHOODS PLANNING GRANT**

WHEREAS, the Housing Authority of the City of Goldsboro has requested that the City of Goldsboro serve as co-applicant on their HUD Choice Neighborhood Planning Grant application; and


WHEREAS, the Housing Authority, along with their Planning Coordinator, Camiros, Ltd., presented the request to Council at their meeting on June 20, 2022; and

WHEREAS, the Housing Authority is requesting that the City of Goldsboro sign a Memorandum of Understanding as co-applicant for the Choice Neighborhoods Planning Grant. The grant application is due to HUD by July 28, 2022; and

WHEREAS, The Housing Authority owns and operates a 300 unit public housing apartment community in Goldsboro, known as West Haven Apartments, which will be the target area of the grant.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Goldsboro, North Carolina, that:

1. The City Manager is hereby authorized to sign the Memorandum of Understanding for the HUD Choice Neighborhoods Planning Grant.
2. This Resolution shall be in full force and effect from and after this 11th day of July, 2022.


David Ham, Mayor

Attested by:


Laura Getz, City Clerk



Memorandum of Understanding for the HUD Choice Neighborhoods Planning Grant

This MEMORANDUM OF UNDERSTANDING ("MOU") is dated this 15th day of July, 2022, by and between the Housing Authority of the City of Goldsboro (the Housing Authority) and the City of Goldsboro (the City).

WHEREAS, the Housing Authority owns and operates a 300 unit public housing apartment community in Goldsboro, known as West Haven Apartments; and

WHEREAS, the Housing Authority, as the lead applicant, and the City, as the co-applicant, came together to partner and to make an official agreement to make an application for the U.S. Department of Housing and Urban Development Choice Neighborhoods Planning Grant; and

WHEREAS, the partners listed above have agreed to enter into this Memorandum of Understanding in which the Housing Authority is the lead applicant and the City is the co-applicant; and

WHEREAS, the partners herein desire to enter into a Memorandum of Understanding setting forth the services to be provided by the partnership; and

WHEREAS, under the grant, the Housing Authority and the City will agree in writing of certain commitments, certain responsibilities and the undertaking of certain activities in the furtherance of the grant core goals, listed below; and

WHEREAS, the grant application prepared will be submitted to the U.S. Department of Housing and Urban Development on or before July 28, 2022; and

WHEREAS, the Housing Authority and the City desire to memorialize their understanding of each party's role and responsibility in connection with the development of a comprehensive transformation plan encompassing West Haven Apartments;

WHEREAS, the Choice Neighborhoods Planning Grant is focused on three core goals:

1. Housing: Replace distressed public and assisted housing with high quality mixed-income housing that is well managed and responsive to the needs of the surrounding neighborhood;
2. People: Improve educational outcomes and intergenerational mobility for youth and supports delivered directly to youth and their families; and
3. Neighborhood: Create the conditions necessary for public and private reinvestment in distressed neighborhoods to offer the kinds of amenities and assets, including safety, good schools, and commercial activity, that are important to families' choices about their community.

NOW, THEREFORE, it is hereby agreed by and between the partners as follows:

1. RESPONSIBILITIES

A. The Housing Authority's Responsibilities are:

1. Lead the design for the physical plan for the redevelopment of the neighborhood.
2. Engage the partners, stakeholders and residents of the neighborhood to determine their future vision for the neighborhood.
3. Hold meetings and design charrettes with partners, stakeholders and residents to make sure everyone is aware of the plan during design.
4. Seek additional partners and funding sources to make the transformation plan implementable.
5. Seek additional service providers to assist residents of West Haven Apartments to attain self-sufficiency.
6. Conduct a household-level needs assessment of the residents of West Haven Apartments to better design solutions for the children and families within the first 12 months of the planning grant.
7. Devise a relocation strategy for the residents of West Haven Apartments.
8. Have an independent third party conduct a market assessment of the neighborhood.
9. Oversee the work of the Planning Coordinator, Camiros, Ltd., which has been procured by the Housing Authority and whose agreement has been executed contingent upon a grant award.
10. Complete a Phase 1 Environmental Assessment of West Haven Apartments.
11. Maintain fiscal responsibility and stewardship of grant funds for the duration of the grant program; including, but not limited to, preparation of budget, amendments and/or modifications, drawdowns, budget reports and any and all other accounting services.

B. The City's Responsibilities are:

1. As co-applicant and a shared partner in the Housing Authority's U.S. Department of Housing and Urban Development Choice Neighborhoods Planning Grant, the City will co-share in the effort to involve community organizations and people in the process. The City will utilize its "Citizen Participation Plan" to facilitate comprehensive community and civic engagement.
2. Assist with data research of the neighborhood to better understand the neighborhood's assets and needs.
3. Provide maps detailing the neighborhood data.

4. Inform the Housing Authority of any future development plan, transportation plan, or new businesses opening in the neighborhood so that the information can be incorporated into the transformation plan.
5. Assist in seeking additional partners and funding sources to make the transformation plan implementable.
6. Attend meetings and charrettes as necessary with stakeholders, partners and residents.
7. Designate representative(s) for the City on any Transformation Steering, Design and/or Planning Committee(s).
8. Provide any topographical, infrastructure, utility, road, housing, wetlands, housing, easement and right of way, or other maps that it has for the neighborhood.
9. Assist in creating a comprehensive transformation plan.

2. TIMELINE

The roles and responsibilities described above are contingent on the Housing Authority being awarded the 2022 Choice Neighborhoods Planning Grant. Responsibilities under this Memorandum of Understanding would coincide with the grant period, which would be for a period of up to 2 (two) years.

3. GENERAL COMPLIANCE

The Housing Authority and the City agree to comply with all other applicable Federal, State and Local laws, regulations, and policies governing the funds provided under this MOU. The parties further agree to comply with the requirements of 2 CFR 200, Uniform Administrative Requirements, Cost Principles and Audit Requirements for Federal awards, including, but not limited to, the following items:

- a. Procurement
- b. Use and Reversion of Assets
- c. Civil Rights and Non-Discrimination
- d. Access of Records
- e. Contract Provisions for Non-Federal Entity Contracts Under Federal Awards

4. HOLD HARMLESS

The Housing Authority, as the lead applicant, shall hold harmless, defend and indemnify the City, co-applicant, from any and all claims arising out of the Housing Authority's negligence or malfeasance, limiting the need for termination.

The City, as the co-applicant, shall hold harmless, defend and indemnify the Housing Authority, lead-applicant, from any and all claims arising out of the City's negligence or malfeasance, limiting the need for termination.

5. AMENDMENTS

The Housing Authority and the City may amend this MOU at any time provided that such amendments make specific reference to this MOU, and are executed in writing, signed by a duly authorized representative of each organization. Such amendments shall not invalidate this MOU, nor relieve or release any party from its obligations under this MOU.

6. SUSPENSION OR TERMINATION

Default under this MOU shall occur only in the event that either party fails to adhere to its respective obligations hereunder. In such event, the non-defaulting party shall give the defaulting party: (i) written notice describing such default and the necessary cure therefore; and (ii) the opportunity to cure such default within no less than fifteen (15) days of receipt of such notice, unless otherwise stated herein. If the default is cured within the specified time period to the satisfaction of the non-defaulting party, then no further action shall be taken by the non-defaulting party. If the default is not cured within the specified time period to the satisfaction of the non-defaulting party, the non-defaulting party may terminate this MOU by sixty (60) days' written notice of its intent to terminate.

We, the undersigned have read and agree with this MOU. Further, we acknowledge that the proposed project will be provided for review and approval by all Parties of this Agreement.

LEAD APPLICANT:

The Housing Authority of the City of Goldsboro

By: 

Anthony Goodson, Jr., Chief Executive Officer
Housing Authority of the City of Goldsboro

Date: 7/29/2022

APPROVED AS TO CONTENT:


General Counsel

CO-APPLICANT:

By: 
Timothy M. Salmon, City Manager
City of Goldsboro

Date: 7/15/22

ATTEST/SEAL:


City Clerk



CITY OF GOLDSBORO
AGENDA MEMORANDUM
JULY 15, 2022 COUNCIL MEETING

SUBJECT: Memorandum of Understanding with the Wayne County Development Alliance (WCDA)

BACKGROUND: The City of Goldsboro owns and maintains certain water and sewer infrastructure that serves property located at 1200 West Ash Street, Goldsboro, North Carolina, which is owned by Mt. Olive Pickle Company (MOP).

The City's infrastructure requires upgrading and repairs to sufficiently meet the current and future needs of MOP.

DISCUSSION: The WCDA has access to funding and expertise needed to support the City Council's goal of improving the water and sewer infrastructure that serves the location owned by MOP that requires repair and upgrading, thereby encouraging private development and economic growth.

The funding being accessed and received by WCDA is a result of a grant allocated by the North Carolina General Assembly to WCDA through SL 2021-180 for the express purpose of improving the infrastructure at the property owned by the Mt. Olive Pickle Company.

RECOMMENDATION: It is recommended that Council adopt a resolution authorizing the City Manager to sign the Memorandum of Understanding with the Wayne County Development Alliance.

Date: 7/15/22



Timothy M. Salmon, City Manager

RESOLUTION NO. 2022 – 67

**RESOLUTION APPROVING A MEMORANDUM OF UNDERSTANDING
WITH THE WAYNE COUNTY DEVELOPMENT ALLIANCE**

WHEREAS, the City of Goldsboro owns and maintains certain water and sewer infrastructure that serves property located at 1200 West Ash Street, Goldsboro, North Carolina, which is owned by Mt. Olive Pickle Company, Inc.; and

WHEREAS, the WCDA has access to funding and expertise needed to support the City Council's goal of improving the water and sewer infrastructure that serves the location owned by MOP that requires repair and upgrading, thereby encouraging private development and economic growth; and

WHEREAS, The City's infrastructure requires upgrading and repairs to sufficiently meet the current and future needs of MOP; and


WHEREAS, the funding being accessed and received by WCDA is a result of a grant allocated by the North Carolina General Assembly to WCDA through SL 2021-180 for the express purpose of improving the infrastructure at the property owned by the Mt. Olive Pickle Company.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Goldsboro, North Carolina, that the City Manager is hereby authorized to sign the Memorandum of Understanding with the Wayne County Development Alliance.

This Resolution shall be in full force and effect from and after July 15, 2022.


David Ham, Mayor

Attested by:


Laura Getz, City Clerk



CITY OF GOLDSBORO
NORTH CAROLINA
WAYNE COUNTY

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered into this 15th day of July, 2022 by and between the City of Goldsboro, a municipal corporation existing and organized pursuant to the laws of the State of North Carolina (hereinafter referred to as the "City") and the Wayne County Development Alliance, a 501(c) nonprofit organization (hereinafter referred to as "WCDA").

WITNESSETH

WHEREAS, the City of Goldsboro owns and maintains certain water and sewer infrastructure that serves property located at 1200 West Ash Street, Goldsboro, North Carolina, which is owned by Mt. Olive Pickle Company, Inc. (hereinafter "MOP"); and

WHEREAS, the City's infrastructure requires upgrading and repairs to sufficiently meet the current and future needs of MOP at said location within the corporate limits of Goldsboro, North Carolina; and

WHEREAS, a goal of the Goldsboro City Council is to build a strong economic future for our community by actively pursuing private development and expansion of businesses located within the corporate limits of the City to create jobs and increase commerce; and

WHEREAS, the City of Goldsboro recognizes the value of public-private partnerships as a means to improve public infrastructure within the City, thereby encouraging future private development; and

WHEREAS, WCDA is a private nonprofit whose mission is to encourage economic development within Wayne County and its municipalities; and

WHEREAS, WCDA has access to funding and expertise needed to support the City Council's goal of improving the water and sewer infrastructure that serves said location owned by MOP that requires repair and upgrading, thereby encouraging private development and economic growth;

WHEREAS, the funding being accessed and received by WCDA is a result of a grant allocated by the North Carolina General Assembly to WCDA through SL 2021-180 for the express purpose of improving said infrastructure (said grant hereinafter referred to as "Project Butter").

Now, therefore, with approval of this MOU the following is agreed:

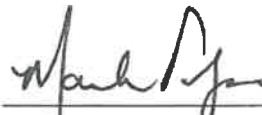
1. The City of Goldsboro and WCDA agree to form a public-private partnership with the purpose of improving the water and sewer infrastructure that serves said location owned by MOP to encourage private development and stimulate economic growth.
2. The City of Goldsboro and WCDA agree that improvement of public infrastructure is necessary to enable the sufficient use of the location by MOP.
3. The City of Goldsboro and WCDA agree that a key purpose of this partnership is to secure available grant funds to design and construct infrastructure improvements for the said location.
4. The City of Goldsboro and WCDA agree that terms of Project Butter are unique and in some cases the applicant is required to be a government entity and others a private nonprofit.
5. In this situation, the grantor, the State of North Carolina, has made such grant, Project Butter, to WCDA, and WCDA agrees to apply the proceeds of said grant on behalf of the City of Goldsboro and to use those funds to pay for design and/or construction contracts awarded for the construction, repair, maintenance and easement acquisitions so necessary for the said improvements to the infrastructure for the servicing of the needs of the MOP location.
6. WCDA shall be responsible for administering the Project Butter grant and overseeing the issuance of all payments to Contractors for the work performed on the City's infrastructure.
7. WCDA, in consultation with the City of Goldsboro, shall select and supervise the Contractor for the project.
8. The City of Goldsboro shall inspect and approve all infrastructure improvements and notify WCDA as to whether all work performed is satisfactory to the City.
9. Any interests in real or personal property which WCDA acquires during the course of the project shall be surrendered to the City of Goldsboro at the conclusion of all construction. If possible, WCDA shall release interests in infrastructure improvements as they become operational during the course of the project. This shall exclude any infrastructure not located on City owned property or easements.
10. The City of Goldsboro and WCDA agree to comply with all terms stipulated by the grantor.
11. This agreement shall remain in effect until all said improvements to the infrastructure are completed.
12. WCDA and the City understand and agree that the City shall be a third-party beneficiary to any upgrade or improvement to City infrastructure.

This constitutes the full content of this MOU. The terms of this agreement may only be

modified by written mutual agreement, signed by the parties, and attached hereto.

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed by their duly authorized officers.

WAYNE COUNTY DEVELOPMENT ALLIANCE

By: 
Mark Pope, President
Wayne County Development
Alliance

CITY OF GOLDSBORO, NORTH CAROLINA

(Seal)

By: 
Timothy M. Salmon
City Manager/City of Goldsboro

Attest:


Laura Getz, CITY CLERK



NORTH CAROLINA
WAYNE COUNTY

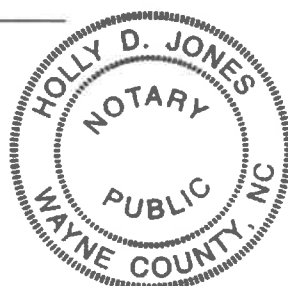
I, Holly D. Jones, a Notary Public of Wayne County, do hereby certify that Laura Getz personally appeared before me this day and acknowledged that she is the City Clerk of the City of Goldsboro, a municipal corporation existing under and by virtue of the laws of the State of North Carolina, and that by authority duly given and as the act of the body politic and corporate, the foregoing instrument was signed in its name by its Mayor, sealed with its corporate seal, and attested by herself as its Clerk.

WITNESS my hand and notarial seal, this 15th day of July, 2022.

My Commission Expires:

July 29, 2026

(Seal)




NOTARY PUBLIC

CITY OF GOLDSBORO
AGENDA MEMORANDUM
JULY 15, 2022 COUNCIL MEETING

SUBJECT: Defense Communities Infrastructure Program (DCIP) Grant

BACKGROUND: The Defense Community Infrastructure Pilot Program (DCIP) is designed to address deficiencies in community infrastructure, supportive of a military installation, in order to enhance military value, installation resilience, and military family quality of life. DCIP is a competitive grant program administered by the Department of Defense Office of Local Defense Community Cooperation (OLDCC).

Congress appropriated \$50 million for the program in FY20, which supported 16 projects, and \$60 million in FY21, which supported 13 additional projects. Congress provided the FY22 DCIP program with \$90 million, the highest funding for the program yet.

DISCUSSION: The city has worked with SJAFB to submit a grant application for the Water Reclamation Facility Ultra Violet Light Disinfection System in the amount of 1.7 million dollars.

There is no city matching funds requirement.

RECOMMENDATION: It is recommended that Council adopt a resolution authorizing the City Manager to sign the grant application.

Date: 7/15/22



Timothy M. Salmon, City Manager

RESOLUTION NO. 2022 - 68

**RESOLUTION AUTHORIZING THE CITY MANAGER TO SIGN
THE APPLICATION FOR THE DEFENSE COMMUNITIES INFRASTRUCTURE
PROGRAM (DCIP) GRANT**

WHEREAS, the Defense Community Infrastructure Pilot Program (DCIP) is designed to address deficiencies in community infrastructure, supportive of a military installation, in order to enhance military value, installation resilience, and military family quality of life; and

WHEREAS, DCIP is a competitive grant program administered by the Department of Defense Office of Local Defense Community Cooperation (OLDCC); and

WHEREAS, Congress provided the FY22 DCIP program with \$90 million, the highest funding for the program yet; and

WHEREAS, the city has worked with SJAFB to submit a grant application for the Water Reclamation Facility Ultra Violet Light Disinfection System in the amount of 1.7 million dollars and there is no city matching funds required.

NOW, THEREFORE, BE IT RESOLVED by the Mayor and City Council of the City of Goldsboro, North Carolina, that the City Manager is hereby authorized to sign the grant application for the Defense Communities Infrastructure Pilot Program (DCIP) grant.

This Resolution shall be in full force and effect from and after July 15, 2022.


David Ham, Mayor

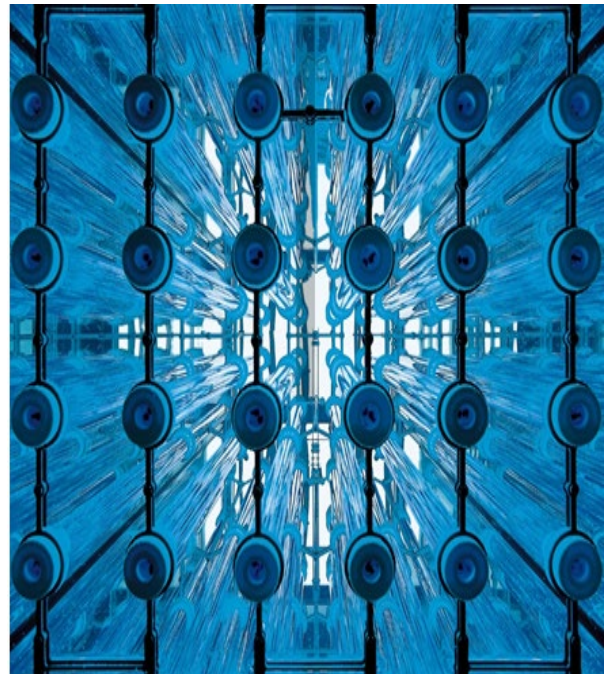
Attested by:


Laura Getz, City Clerk





Water Reclamation Facility Ultraviolet Light System



**Defense Community Infrastructure Program (DCIP)
City of Goldsboro Project
Goldsboro North Carolina**

A. Points of Contact

Timothy M. Salmon
City Manager
City of Goldsboro
Office 919-580-4362
tsalmon@goldsboronc.gov

Robert P. Sherman
Interim Public Utilities Director
City of Goldsboro
Office 919-735-3329
rsherman@goldsboronc.gov

Dennis G. Goodson P.E
Deputy Director, Mission Support Group
Seymour Johnson Air Force Base
Office: 919-722-0101
Dennis.goodson@us.af.mil

Brian W. Joyner P.E.
Deputy Base Engineer
Seymour Johnson Air Force Base
Office: 919-722-5143
brian.joyner@us.af.mil

B. Installation Need

Enhancement Addressed by Proposed Project: Enhancement of Installation Resilience

The Department of Defense does not operate or maintain a wastewater treatment facility at Seymour Johnson Air Force Base (SJAFB). The City of Goldsboro (CoG) provides water and wastewater treatment services for the military installation. The Water Reclamation Facility (WRF) is situated immediately adjacent SJAFB with only the Neuse River separating the two. Currently the WRF treats on average of 8.15 million gallons a day (MGD) of wastewater, of which SJAFB contributes on average of 700,000 gallons per day (GPD). The treatment process is all biological with one of the final critical steps, prior to being discharged into the Neuse River, is to have the treated wastewater disinfected by an ultraviolet (UV) disinfection system.

Prior to the installation of the ultraviolet (UV) light disinfection system, chlorine gas was used before being discharged to the river. Chlorine gas had been stored in 1 ton cylinders, along with Sulfur Dioxide, which the (CoG) began using in the 1990s to assist in dechlorinating the water prior to discharging to the Neuse River. When used properly, both Chlorine gas and Sulfur Dioxide gas were a good form of disinfectant, but both chemicals had a potential to be extremely hazardous if one of the cylinders were to malfunction. The potential existed to cause catastrophic danger and life-threatening exposure to both (SJAFB) and (CoG) residents within a ten mile radius. To remove these hazardous chemicals from the WRF system inventory, the City of Goldsboro changed to a new and safer system during the 2000 WRF upgrade. The City made a decision to install an ultraviolet light disinfection system during the upgrade.

This system is only dependent on electricity and eliminated the potential for a major release of harmful chemicals into the surrounding area. Consequently, our continuing use of a (UV) disinfection system is by a more effective safe way to continue our waste-water treatment. However, UV treatment while much more desirable comes at a fairly substantial cost to ensure it maintains utmost effectiveness.

The WRF staff has ensured that the annual preventative maintenance is done by a local contractor with the day to day and monthly preventive maintenance inspections done by staff. This system has provided over 2 decades of service and been through several stressors. One of those major stressors has been major hurricanes – Matthew in 2016 and Florence in 2018. Both of these events produced 16 inches + of rain in less than 24 hours. These rain events caused 35 MGD to come to the WRF for at least 1 week. It dropped to 25 MGD and that level lasted an additional 2 weeks. Additional strains on this system include major rain events during the wet months and severe heat during the summer months. Concerns are growing that another major storm or hurricane would completely shut the treatment plant down and render the UV system inoperative.

Great care has been given to this system but the time has come for it to be replaced. Due to the age of the system, parts are becoming expensive and very hard to source. The electronic components are roughly 10 years outdated. Over the past several years, even after exhaustive searching for parts has been successful, retrofitting them to our system has proved labor and cost intensive. Modernizing the system will provide both (SJAFB) and the (CoG) with bolstered mission resilience and the capability to steadily withstand major environmental stressors typical of this region.

Enhancing military resilience is crucial toward ensuring SJAFB can continue unhindered during extreme weather events such as hurricanes, as well as recovering from unanticipated changes in environmental conditions such as torrential rainfall. This enhancement project will not only enable full capacity as one of Air Combat Command's premier Lead Wings during an era of increased global conflict, but also as a safe haven during evacuation efforts in which the Federal Emergency Management Agency and other Department of Defense agencies look to use SJAFB and the CoG as a dependable refuge. The military beneficiaries of the project include 15,800 personnel which the base provides support to, as well as the livelihoods provided by SJAFB being the largest source of employment to the community, with over 14,193 local jobs serving a community of 32,749 residents, per the 2021 census estimates and 2021 base economic impact.

C. Installation Endorsement Letter



**DEPARTMENT OF THE AIR FORCE
4TH FIGHTER WING (ACC)
SEYMOUR JOHNSON AIR FORCE BASE NC**



Colonel Lucas J. Teel
4th Fighter Wing
1600 Wright Brothers Avenue, Bldg. 3010
Seymour Johnson AFB NC 27531

Mr. Timothy Salmon
City Manager
200 N. Center Street
Goldsboro, NC 27530

Dear Mr. Salmon,

I am writing to express support for the City of Goldsboro Public Utilities Department's application for funding under the Defense Community Infrastructure Program (DCIP). The funding would be utilized to replace the Ultra Violet (UV) decontamination system at the Water Reclamation Facility (WRF) on Arrington Bridge Road – to which Seymour Johnson Air Force Base sends 100% of our wastewater for disinfection and treatment. The 4th Fighter Wing (4 FW), located at Seymour Johnson Air Force Base (SJAFB), North Carolina, supports the need and justification for the application due to the expected benefits for the Department of Defense, including resiliency to the 4 FW mission.

One of our greatest mission resiliency concerns for the 4 FW is the ability to continue operations amidst dynamic circumstances and environments. Situated on the east coast and subjected to hurricanes and heavy rainfall, we have a compelling interest in how to effectively shed water – both storm runoff and wastewater. Hurricanes Mathew in 2016 and Florence in 2018 presented the WRF with more than 16 inches of rain in less than 24 hours,

driving flooding and a peak flow through the facility from a daily average of 8.15 million gallons to over 35 million gallons for more than 7 days. The capability of the disinfection system to thwart the threat of tropical storm and hurricane rainfall is crucial toward ensuring SJAFB missions can continue unhindered, and modernizing the UV decontamination system with an increased capacity of 44 million gallons per day will support that. Secondly, the benefit in using UV components greatly minimizes the dangers to both the community and base populace by negating the need for toxic industrial chemicals. Treating wastewater with UV is the simplest and most effective way to disinfect drinking water while eliminating the alternative of transportation, storage, and use of chlorine gas and sulfur dioxide additives. We believe a new UV decontamination system is integral to the City of Goldsboro and SJAFB bolstering our resiliency against the severe weather systems which frequent North Carolina.

The success of the 4th Fighter Wing can be directly linked to the support received by Wayne County, the City of Goldsboro, and neighboring communities. Modernizing the Water Reclamation Facility will be yet another example of our military and community working toward joint benefit through increased water treatment capacity and minimized exposure to toxic chemicals. These initiatives bolster mission resiliency while safeguarding the community who make the mission of our Lead Wing possible. The 4 FW looks forward to continued communication with yourself and your team. Thank you for your time and support. If you have any questions, please contact Mr. Brian Joyner, my Deputy Base Civil Engineer, at (919) 722-5143.

Sincerely


LUCAS J. TEEL, Colonel, USAF
Commander

D. Project Description

Replacement of the WRF's Ultra Violet Light disinfection system at the cost of \$1.7M.

The proposed project would replace the aged UV Light System which has been in service since 2000. This system has provided over 2 decades of service and been through several stressors and is at risk of exceeding its useful lifespan. Great care has been given to this system but the time has come upon for it to be replaced. Due to the age of the system, parts are becoming expensive and very hard to come by. A new up to date system would be retrofitted in the same footprint of the existing system so no additional land acquisition would be needed. The current system is designed for 14.2 million gallons per day (MGD) with a peak flow of 32 MGD – which has been surpassed during recent hurricanes, thereby risking system failure and severe mission impacts to both SJAFB and the CoG. An upgraded system would be able to support a design flow of 17.2 MGD and peak flow of 44 MGD. This would help to ensure the military base and city can handle any increase in peak flows and still meet allowable state standards for discharge into the Neuse River. Furthermore, the ability to abstain from using large quantities of toxic industrial chemicals significantly reduces the threat if spillage to base and surrounding populations.

The City of Goldsboro is requesting \$1.7M to complete this project.

E. Project Engineering Information

This project will be retro fitted to the existing system. This will reduce cost in construction fees and reduce down time at the facility. State approval for this project is not necessary as they see this as a maintenance replacement project.

F. Project Parties

The parties involved in this project consist of The City of Goldsboro, Seymour Johnson Air Force Base, EW2 Environmental, Inc. as the equipment supplier, and TA Loving Company as the tentative installation agent. This project installation is required to be widely advertised to ensure fair and competitive bidding, per the City of Goldsboro Procurement Policy.

G. Grant Funds and Other sources of Funds

The construction funds for this project will come solely from the Defense Community Infrastructure Program (DCIP). Due to the population served by the WRF being less than 100,000 personnel, DCIP business rules specify that no matching funds or contributions are required by the CoG. The CoG acknowledges responsibility of any cost overruns as well as our obligation to secure a surety bond prior to the commencement of construction activity as defined by 2 C.F.R. 200.326.

H. Uses of Construction Project Funds

Construction project funds would be used for the purchase of the equipment, the installation of said equipment and any permits or inspections needed to get the equipment fully functioning. Two quotes were obtained for this project. The first one is from Trojan Technologies for the updated equipment and

their current cost for this system is \$870,100. For the installation of this equipment there is a proposed cost of \$763,000.

I. Project Development Schedule

This is a tentative timeline for the installation of the equipment. When the project will start will all depend on the arrival of the equipment.

Description	Duration	Start Date	Finish Date
Notice to Proceed/Owner Release of Purchase Order to Trojan	1	10/1/2022	10/2/2022
Receive Submittals from Trojan UW	1	11/15/2022	11/15/2022
Review and Approve Submittals	30	11/16/2022	12/15/2022
Fabricate & Ship UV Equipment	84	12/17/2022	3/24/2023
Delivery of UV Equipment to Project Site	7	3/24/2023	4/3/2023
Contractor Mobilize to Project Site	1	4/3/2023	4/3/2023
Offload New UV Equipment	1	4/3/2023	4/4/2023
Demolish Existing UV Equipment	5	4/4/2023	4/11/2023
Install New Trojan UV Equipment	30	4/11/2023	5/11/2023
Electrical Work - Demo and New	73	4/4/2023	5/16/2023
Start-Up and Commissioning	7	6/19/2023	6/23/2023
Demobilize from Site	7	6/26/2023	6/30/2023

At the Notice to Proceed, the COG will be encumbering the funds for this project and have them available for distribution to both the equipment provider and the installation.

J. Environmental Requirements

The environmental requirements are minimized due to this project involving the replacement of a similar equipment system and negating the use of large amounts of toxic industrial chemicals. The typical concerns including ground disturbing work, changes in land use, adversely impacting air or water quality, creating noise or affecting traffic, adversely impacting community personnel, or releasing hazardous materials/waste or toxic substances into the environment do not apply. If this were an Air Force project, a categorical exclusion (CATEX) would apply due to replacing real property installed equipment.

A National Environmental Policy Act (NEPA) environmental checklist is included as an attachment to this application, as is supplemental information as another attachment.

NEPA Environmental Checklist for OLDCC Construction Grant Proposals

The Office of Local Defense Community Cooperation (OLDCC) cannot approve an award until the requirements of certain environmental laws and regulations are met, including but not limited to, the National Environmental Policy Act (NEPA), the National Historic Preservation Act, and the Endangered Species Act. The use of federal funds for construction projects requires that the granting agency affirm compliance with the National Environmental Policy Act (NEPA) and the implementing regulations at 40 CFR 1500-1508, as they apply to the project. NEPA requires Federal agencies to consider the effects of their actions on the environment.

Entities submitting proposals for construction grants administered by DoD OLDCC must provide information about potential environmental impacts by completing this NEPA Environmental Checklist and submitting it with their grant proposal. This checklist serves as a screening tool for OLDCC to determine the likely level of assessment needed to comply with NEPA once the grant is awarded. Completing this checklist does not comply with NEPA, rather this checklist is a tool to help initiate the process.

Upon award, and prior to starting construction, the grantee must complete the appropriate level of environmental analysis to inform OLDCC's compliance with NEPA. Applicants should be prepared to complete an Environmental Assessment pursuant to 40 CFR 1500-1508 or provide NEPA documentation if already completed; NEPA analysis and documentation will be a requirement in the Terms and Conditions of the grant. OLDCC, in consultation with DoD Office of General Counsel and the associated installation, will review the NEPA documentation prepared by the grantee and affirm that NEPA requirements have been met.

Use the "Additional Comments" section on the last page to provide additional information, and to explain any "Yes" or "Unknown" answers.

GENERAL PROJECT INFORMATION

1	Name of Grant Applicant:	City of Goldsboro, North Carolina
2	Applicant POC Name, Phone & Email:	Robert Sherman, 919-735-3329, RSherman@goldsboronc.gov
3	Name of Project:	Replace UV Disinfection Equipment at Goldsboro Water Reclamation Facility
4	OLDCC Grant Program (i.e. DCIP etc.)	DCIP
5	Project Location (include map if available):	714 Arrington Bridge Rd, Dudley, NC 28333
6	Brief Description of the Project (additional documentation should be attached if it exists):	Replace the existing, outdated UV disinfection equipment with new, state-of-the-art UV disinfection equipment.
7	Associated Military Installation & the Environmental POC Name, Phone, Email:	Seymour Johnson AFB, NC / Cathy Pesenti, 919-722-7455, cathy.pesenti@us.af.mil
8	Is this project subject to compliance with a State Environmental Policy Act? If so, please identify the law and how it applies. If needed, refer to: https://ceq.doe.gov/laws-regulations/states.html	No, the scope of the proposed project does not meet the minimum requirements to trigger the State Environmental Policy Act (i.e., \$10M in state-provided funds or 10 acres of land-disturbing activity AND an action by a state agency AND a potential detrimental environmental effect). See attached supplemental information for Item 8.
9	Is this project subject to compliance with State or Local environmental regulations or permits? If so, please identify the known permits that the grantee will need to obtain to conduct the project.	The project must comply with relevant portions of 15A NCAC 02H and 15A NCAC 02T. The WRF currently operates under NPDES Permit NC0023949. See attached supplemental information for Item 9.
10	Purpose and Need: Provide a brief summary of the underlying need and purpose of the proposed project.	Due to the age of the existing system (22 years), parts are becoming expensive and very hard to find; the electronics are about 10 years out of date. Replacing the equipment will ensure a functional system for another two decades.
11	Alternatives Considered: Considering the purpose and need described above, provide a description of alternatives that were considered during project planning but were not selected (e.g., alternative locations, design, scope, etc.). Explain why this proposed project and site is preferred and why other alternatives were rejected.	Alternatives considered include: 1) the use of sodium hypochlorite for disinfection and Sodium bisulfite for dechlorination, however the cost would be prohibitive; 2) the use of chlorine gas and sulfur dioxide gas was also considered but is cost prohibitive and a possible hazard to the community. The current UV system is preferred because it can be retrofitted into other systems.

Explain "YES" and "Unknown" answers in the Additional Comments section.

GROUND DISTURBANCE		YES	NO	Unknown
12	Will the project involve land/ground disturbance? If yes, answer 12a-12e below.		X	
12a	Total area of ground disturbance (acres or square feet).			
12b	Has construction or demolition associated with the project already begun, to include any portions of the project intended for use as matching funds?			
12c	Total area of the project site that is currently impervious (pavement, buildings, etc.) in acres or square feet.			
12d	Total area of the project site that will be impervious once project is completed (acres or sq. ft.)			
12e	Will the project relocate excavated material off site? If yes, how much and where is it going?			
12f	Will contaminated soil and/or groundwater be disturbed? If so, how will it be managed?			
LAND USE		YES	NO	Unknown
13	Will the project result in a change in activities, land use, or zoning occurring at the site or facility?		X	
AIR QUALITY		YES	NO	Unknown
14	Is the project area in non-attainment for any criteria pollutants according to the National Ambient Air Quality Standards and the Clean Air Act?		X	
14a	Will the project cause air emissions such as construction exhaust, dust, suspended particles, or other air pollutants during construction or operations?		X	
14b	Will the project involve the removal, modification, or addition of an air emitting device (e.g., boilers, generators, or refrigerant containing equipment) or require a Clean Air Act permit?		X	
14c	Will the project install or remove a petroleum storage tank?		X	
14d	Will the completed project result in a substantial increase of CO2 or other greenhouse gasses that may impact the global climate?		X	
WATER QUALITY		YES	NO	Unknown
15	Will stormwater pollution prevention measures be required during and/or after construction?		X	
15a	Will National Pollutant Discharge Elimination System (NPDES) or Clean Water Act permits be required?		X	
15b	Will wastewater be generated during construction and/or after the project is complete?		X	
15c	Will shoreline, streams, groundwater, surface water bodies, or wetlands be disturbed or indirectly impacted during construction or as a result of the project?		X	
15c	Is the project located within a 100-year floodplain?	X		
15d	Does the project involve dredging?		X	
BIOLOGICAL RESOURCES		YES	NO	Unknown
16	Is the project proposed to be built on previously undeveloped land?		X	
16a	Will the project affect endangered or threatened species or their habitat, occur in areas with known invasive species infestations, affect migratory birds or bald/golden eagles, or affect plant or animal critical habitat?		X	
16b	Will trees be removed?		X	
16c	Will consultation with the US Fish & Wildlife Service under Section 7 of the Endangered Species Act be required for this project?		X	
CULTURAL RESOURCES & TRIBAL CONSULTATION		YES	NO	Unknown
17	Will the project involve ground disturbance or occupancy in an area of known or suspected cultural, archaeological, or historical significance?		X	
17a	Will the project involve demolition or alteration of buildings or structures that are greater than 50 years old or that are historic, defined as eligible for or listed in the National Register of Historic Places?		X	

17b	Will consultation with the State Historic Preservation Officer, Tribal governments, Native Hawaiian Organizations, or Alaska Natives under Section 106 of the National Historic Preservation Act be required for this project?		X	
<i>Explain "YES" and "Unknown" answers in the Additional Comments section.</i>				
TRAFFIC AND NOISE		YES	NO	Unknown
18	Will the project generate or increase vehicular traffic?		X	
18a	Will there be a requirement to construct, reroute, or alter roadways?		X	
18b	Will there be new or increased activity as a result of the project that could affect noise levels?		X	
SOCIOECONOMIC/ENVIRONMENTAL JUSTICE		YES	NO	Unknown
19	Does the project have the potential to adversely impact minority populations, low-income populations, and/or Indian tribes and indigenous communities?		X	
19a	Will the project involve any real estate transactions, including, but not limited to the acquisition or transfer of real property, easements, or rights-of-way, and/or granting of leases or licenses?		X	
19b	Will the project affect the demand for local community services such as schools or emergency response?		X	
HAZARDOUS MATERIALS/WASTE OR TOXIC SUBSTANCES		YES	NO	Unknown
18	Will the project result in the disturbance of lead containing paint or asbestos containing material?		X	
18a	Will the project result in the use, storage, or disposal of hazardous materials?		X	
18b	Will the project involve pesticide application (e.g., herbicide or insecticide)?		X	
18c	Does the site contain any aboveground or underground storage tanks?	X		
UTILITIES		YES	NO	Unknown
19	Will the project involve installation, repair or removal of utilities or communications systems?	X		

ADDITIONAL ENVIRONMENTAL REQUIREMENTS

If awarded a DCIP grant, the grantee may also be required to comply with other applicable environmental laws. There are independent environmental requirements that support NEPA analysis but have separate consultation requirements. This includes but is not limited to Section 106 of the National Historic Preservation Act, Section 7 of the Endangered Species Act, consultation under the Migratory Bird Treaty Act, etc. Consultation documentation pursuant to these requirements should inform and be included with the overall project NEPA documentation. Additional NEPA information can be found in the Council on Environmental Quality's "Citizen's Guide to NEPA" here: <https://ceq.doe.gov/docs/get-involved/citizens-guide-to-nepa-2021.pdf>

ADDITIONAL COMMENTS

Use this section to discuss "Yes" or "Unknown" responses. Please explain the potential impacts and any mitigation measures to be proposed or considered.

If this was an Air Force project, it would qualify for Categorical Exclusion A2.3.9 (IAW 32 CFR 989, Appendix B):
 --Repairing and replacing real property installed equipment. [Equipment Type: Water Treatment Plants]

100-Year Floodplain: The proposed action would replace equipment at an existing wastewater treatment facility located adjacent to the Neuse River. See Environmental Supplement, Page 5, for a map of the floodplain and the proposed project location.

Storage Tanks: The site has 4 aboveground storage tanks -- two sodium hypochlorite tanks and two fuel storage tanks (one for each stationary generator).

Utilities: The proposed project involves the repair (by replacement) of the UV disinfection system at the Goldsboro Water Reclamation Facility.

BACKGROUND:

The Department of Defense does not operate or maintain a wastewater treatment facility at Seymour Johnson AFB (SJAFB). The City of Goldsboro provides water and wastewater treatment services for SJAFB. Currently, the Goldsboro Water Reclamation Facility treats an average of 8.15 million gallons per day of wastewater, of which, SJAFB contributes an average of 700,000 gallons per day. The existing UV disinfection equipment was installed in 2000 and eliminated the hazardous chemicals that were necessary to operate the old system (chlorine gas and sulfur dioxide). Due to the age of the existing UV disinfection system, parts are becoming expensive and very hard to find. The electronic aspect is about 10 years out of date. When parts are located, they must be retrofitted to the outdated system.

Supplemental Information for OLDCC Construction Project NEPA Proposal Checklist



Supplemental Info for Item #8

State Environmental Policy Act = SEPA

When Does SEPA Apply?

For any project that meets *all three* of the following criteria, an environmental document must be prepared:

- An expenditure of \$10 million in funds provided by the state of North Carolina for a single project or action or related group of projects or action

Or

land-disturbing activity of equal to or greater than 10 acres of public lands resulting in substantial, permanent changes in the natural cover or topography of those lands (or waters)

- An action by a state agency, and
- Has a potential detrimental environmental effect upon natural resources, public health and safety, natural beauty, or historical or cultural elements, of the state's common inheritance.

Need help in determining the level of environmental impact or detrimental environmental effect? DEQ has developed [minimum criteria](#) to identify those projects requiring an environmental document (scroll to page 7).

If federal funds are involved, the National Environmental Policy Act (NEPA) may apply.

<https://deq.nc.gov/permits-rules/state-environmental-policy-act-sepa>

Supplemental Info for Item #9

The City of Goldsboro operates under NPDES Permit NC0023949 for its Goldsboro Water Reclamation Facility in Wayne County; this permitted discharge is treated municipal and industrial wastewater to the Neuse River, in the Neuse River Basin.

Minimum Design Criteria for NPDES Wastewater Treatment Facilities (NCDEQ DWR)

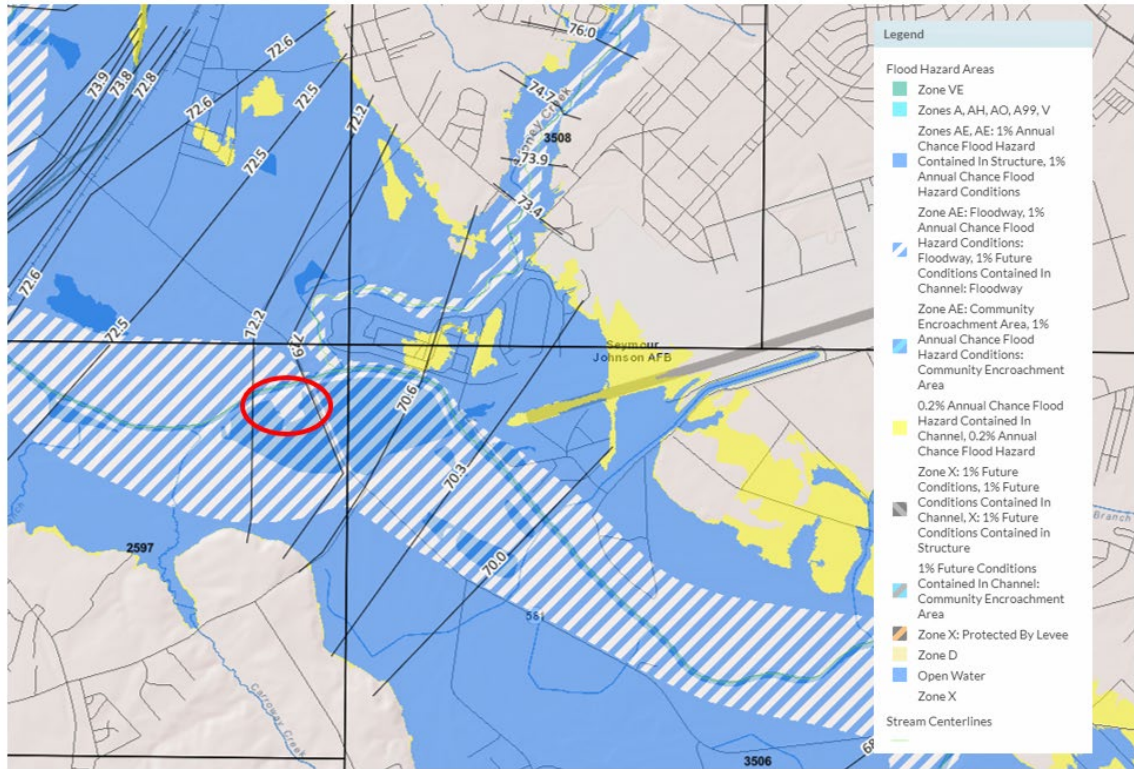
c. **Disinfection requirements are as follows:**

- If chlorine is used for disinfection, multiple feed pumps are required for chlorine disinfection and dechlorination, each sized to treat the peak hourly flow.
- If ultraviolet (UV) light disinfection is used, the system must be designed to provide adequate disinfection at the peak hourly flow with one bank out of service as follows:

Permitted Flow (gpd)	Design Criteria	Additional Requirements
5,000,000 and greater	Minimum of 2 banks	Audible & visible alarms to notify operators and control room of lamp/unit failures
		Automatic controls to switch to backup units in case of failure
		Spare lamps kept on-site
> 20,000 to < 5,000,000	Minimum of 2 banks	Ability to notify ORC of lamp/unit failures; telemetry and audible & visible alarms
		Automatic controls to switch to backup units in case of failure
		Spare lamps kept on-site

Floodplains

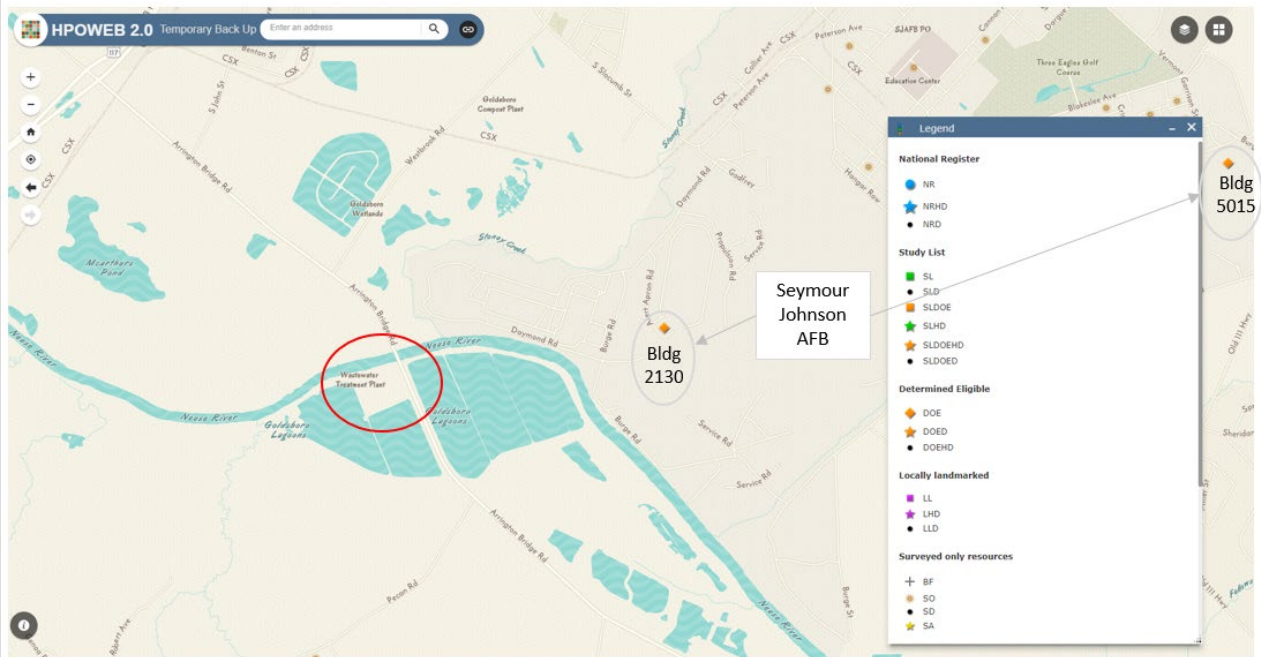
Supplemental Info for Item #15



<https://fris.nc.gov/fris/Home.aspx?ST=NC>

Historic Resources

Supplemental Info for Item #17



<https://nc.maps.arcgis.com/apps/webappviewer/index.html?id=f383595d99ea46179ec10878ccaf0053>

K. State and Local Planning:

This project is considered a maintenance project by the State of NC Department of Water Quality. No approvals required by the state. There is no local planning review that needs to be done on this project.

L. Grants Management:

The City of Goldsboro has had a long history of being able to manage projects of this size and larger. Our finance department will oversee the distribution of all funds awarded to this project. The Interim Public Utilities Director will certify that the bills submitted for payment are accurate and correct to make sure that we are fiscally responsible. Below are some examples of projects worked on in the city that required the meticulous management of funds.

Phase IV Sewer Rehabilitation – This was a \$8,500,000 project funded through NC Department of Water Infrastructure that rehabilitated approximately 41,500LF of various size sewer mains. These lines were either pipe burst, CIPP, or dug and replaced. This project also rehabbed over 350 sewer services, and we replaced or cementious lined over 90 manholes.

2019 Wastewater Project – This project was a \$886,590 Golden Leaf funded project that rehabilitated approximately 3820LF of various size sewer mains. We also rehabbed approximately 20 sewer services, and replaced or cementious lined approximately 20 manholes.

2018 Wastewater Project – This was a \$1,447,977 project that was funded by FEMA after Hurricane Florence. We had an old 12” RCP sewer main that failed after this storm, and we had to set up bypass pumping until this project was designed and funded. This was a strictly pipe bursting project that rehabbed approximately 4200LF of sewer main, approximately 62 sewer services, and we replaced 12 manholes.

2017 Wastewater Project – This was a \$563,612 project that was funded through NC Department of Water Infrastructure and rehabbed approximately 3200LF of sewer mains, 20 sewer services, and replaced 12 manholes.

M. Submitting Official:

The funds granted by the Defense Community Infrastructure Program (DCIP) will be used exclusively for this project. Timothy M. Salmon is the current City Manager of the City of Goldsboro, is appointed by the City Council and is responsible for the day to day operations of the City. As such, and supported by the below signatures, Mr. Sherman is authorized to submit this proposal and subsequently apply for assistance through DCIP on behalf of the City of Goldsboro.

Timothy M. Salmon
City Manager
City of Goldsboro

 Date 7/15/22

Robert P. Sherman
Interim Public Utilities Director
City of Goldsboro

 Date 7-15-22

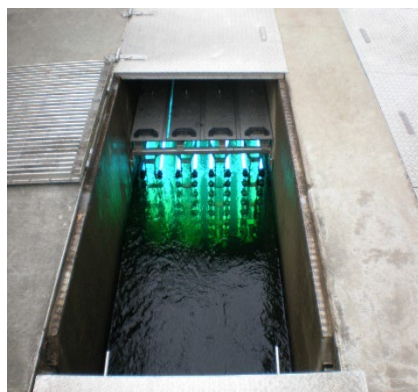
N. National Security Waiver Attestation: Not Applicable

O. Attachments

1. Current Conditions for existing System

2. NEPA Environmental Assessment and Supporting Documentation

Attachment 1: Ultraviolet Light System Existing Conditions



Installation (Drawing)

