



RESOLUTION TITLE: AUTHORIZE GASTON COUNTY NATURAL RESOURCES TO SUBMIT AN ARPA STORMWATER GRANT APPLICATION FOR THE NC DIVISION OF WATER INFRASTRUCTURE, STORMWATER INFRASTRUCTURE INVESTMENTS GRANT PROGRAM FOR A STREAM RESTORATION PROJECT AT CENTRAL PARK IN THE TOWN OF CRAMERTON

WHEREAS, Gaston County has need for and intends to construct a project described as Cramerton Central Park Stream Restoration; and,

WHEREAS, Gaston County Natural Resources intends to request a State grant assistance for the project.

NOW, THEREFORE, BE IT RESOLVED by the Gaston County Board of Commissioners:

- That Gaston County, the **Applicant**, will arrange financing for all remaining costs of the project, if approved for a State grant award.
- That the **Applicant** will provide for efficient operation and maintenance of the project on completion of construction thereof.
- That the **Applicant** will adopt and place into effect on or before completion of the project a schedule of fees and charges and other available funds which will provide adequate funds for proper operation, maintenance, and administration of the system and the repayment of all principal and interest on the debt.
- That Kim S. Eagle, County Manager, the **Authorized Official**, and successors so titled, is hereby authorized to execute and file an application on behalf of the **Applicant** with the State of North Carolina for a grant to aid in construction of the project described above.
- That the **Authorized Official**, and successors so titled, is hereby authorized and directed to furnish such information as the appropriate State agency may request in connection with such application or the project: to make the assurances as contained above; and to execute such other documents as may be required in connection with the application.

DO NOT TYPE BELOW THIS LINE

I, Donna S. Buff, Clerk to the County Commission, do hereby certify that the above is a true and correct copy of action taken by the Board of Commissioners as follows:

NO.	DATE	M1	M2	CBrown	AFrale	BHovis	KJohnson	TKeligher	TPhillbeck	RWorley	Vote
2022-303	09/27/2022	AF	TK	A	A	A	A	A	AB	A	U

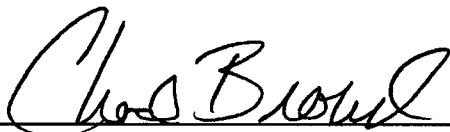
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AUTHORIZE GASTON COUNTY NATURAL RESOURCES TO SUBMIT AN ARPA STORMWATER GRANT APPLICATION FOR THE NC DIVISION OF WATER INFRASTRUCTURE, STORMWATER INFRASTRUCTURE INVESTMENTS GRANT PROGRAM FOR A STREAM RESTORATION PROJECT AT CENTRAL PARK IN THE TOWN OF CRAMERTON
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- That the **Applicant** has substantially complied or will substantially comply with all Federal, State, and local laws, rules, regulations, and ordinances applicable to the project and to Federal and State grants and loans pertaining thereto.

Adopted this the 27th day of September, 2022.



Chad Brown, Chairman
Gaston County Board of Commissioners

CERTIFICATION BY RECORDING OFFICER

The undersigned duly qualified and acting Clerk to the Board of Gaston County, North Carolina, does hereby certify: That the above/attached resolution is a true and correct copy of the resolution authorizing the filing of an application with the State of North Carolina, as regularly adopted at a legally convened meeting of the Gaston County Board of Commissioners duly held on the 27th day of September 2022; and, further, that such Resolution has been fully recorded in the journal of proceedings and records in my office.

IN WITNESS WHEREOF, I have hereunto set my hand this 27th day of September 2022.



Jenna S. Buff, Clerk to the Board

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Instructions for Completing the NC DEQ Division of Water Infrastructure Application for Funding

(Last updated: July 2022)

The following instructions relate to completing the Application for Funding form for loan and grant funding programs offered by the Division of Water Infrastructure (the Division), attached below. Please follow these directions when completing the form. In some cases, the instructions may refer you to the Division's [applications webpage](#) for additional information that may be helpful. Such cases are noted below.

Section 1 – General Information

This section contains information the Division will need to process your application. Complete each blank as directed below.

- **Applicant Name** – Provide the official name of your local government unit (LGU) or utility or organization eligible to apply for funding (e.g., Town of Anytown, Bixby Sanitary District, Carolina Council of Government).
- **County** – List the county in which the Applicant is located.
- **Unique Entity Identifier (UEI)** – Use www.sam.gov to find your Unique Entity Identifier number. The UEI replaces the former DUNS number. Make sure your number is up to date and displaying the UEI.
- **Federal Tax ID #** - Needed for loan and/or grant disbursement purposes.
- **PWSID #** – Public Water System ID; needed for [all drinking water projects](#).
- **NPDES #** – National Pollutant Discharge Elimination System permit number; provide if applying for a project involving a [wastewater treatment system](#).
- **Project Name** – Enter a project name that is short yet captures the nature of your project.
- **Funding Amount Requested** – Enter the amount of funding you are requesting. **Failure to provide this information will result in an incomplete application, which will not be eligible for consideration.**
- **Total Project Cost** – Enter the cost of [the entire project](#), including costs that will be covered by other sources. Total Project Cost might vary from (but will not be less than) the Funding Amount Requested.
- **Funding Type(s) Requested** – Check the box(es) that is/are appropriate for the project type for which you are requesting funding. **Each application will be evaluated based on the Priority Rating System that applies to the selected funding type.** Asset Inventory and Assessment (AIA) grants, Merger/Regionalization Feasibility (MRF) grants, and drinking water and wastewater pre-construction planning grants (without construction) must be separate applications from each other and from construction project applications. Drinking water and wastewater construction projects and CWSRF Green Projects may include pre-construction planning costs and do not need a separate pre-construction planning grant (without construction) application. Stormwater construction projects, stormwater planning grants, and projects to develop and implement a new stormwater utility – all funded with Local Assistance for Stormwater Infrastructure Investments (LASII) grants – must be separate applications from each other and from all other applications. Stormwater construction projects funded from LASII should include final design and permitting and do not need a separate stormwater planning grant application. CWSRF Green Projects (stream restoration, stormwater control

measures, reclaimed water) construction project applications will be reviewed according to the Priority Rating System for Wastewater Projects, *not* the Priority Rating System for Stormwater Construction.

- **Acceptance of Funding Offer (for Construction Projects only)** – Answer the questions as described below if applying for construction projects. Responses to these questions will determine for which funding program(s) the project is eligible.
 1. Answer this question as “Yes” if you are willing to take on funding that contains federal requirements and conditions.
 2. The Division may offer a combination of grants (or principal forgiveness) and/or low-interest loans to applicants. Enter the minimum amount you require in grant or principal forgiveness funding to accept any funding offer from the Division for this application. Enter \$0 if you are willing to accept a loan-only offer. If the desired amount of grant funding is available, the Division will offer grant funding up to the full amount for which the applicant is eligible, including above the stated minimum request if applicable. Selecting a lower acceptable amount than what you may be eligible for does not reduce your potential grant offer if funds are available. Selecting too high of an acceptable amount risks the possibility of not being offered any funding if there are insufficient grant funds available to meet your desired minimum. If grant funding cannot be offered to meet your requested minimum, no funding offer (loan or grant) will be made.

For drinking water, wastewater, and CWSRF Green Project construction projects, and drinking water/wastewater pre-construction planning grants, provide a copy of the Affordability Calculator (available on the Division’s [application page](#)) or handwritten affordability calculations as part of the application package.

3. While American Rescue Plan Act (ARPA) State Fiscal Recovery Fund grants are available for Distressed and At-Risk drinking water and wastewater utilities, Distressed and At-Risk applicants that have already been awarded a State Revolving Fund loan and/or State Reserve Program loan for a construction project may apply for a grant to replace the loan portion of the existing project. Projects that have already received loan disbursements are not eligible. If the application project is an existing project with an awarded loan but has not yet received disbursements, check this box, provide the amount of the awarded loan, the project name, and the project number, and complete the rest of the application for the construction project. The application will be reviewed among all other applications. The score sheet of the project’s previous application that received a loan award is available upon request to assist with completing this application.

Section 2 – Drinking Water and Wastewater System Parameters (not applicable for stormwater projects)

This section contains information related to drinking water and wastewater system parameters, which is used across all programs except for the stormwater funding program (LASII). Please complete all blanks unless otherwise noted.

- **Residential and Non-Residential Sewer and Water Connections** – Follow the guidance found in Line Item 4.A of the *Priority Rating System Guidance and Form for Division of Water Infrastructure Construction Funding Programs* (Priority Rating System guidance, available on the Division’s [application page](#)). For wastewater applications, count only sewer connections. For drinking water applications, count only drinking water connections. Include only existing connections; do not include number of new connections resulting from the project.

- **Monthly Sewer and Water Bills per 5,000 gallons** – If your system offers it, provide the monthly bills for 5,000 gallons per month of use for **both sewer and water**. These rates are (1) used to calculate Line Item 3.B operating ratio eligibility via rates to median household income; (2) used to determine points in Line Item 4.B; and (3) used to determine grant or principal forgiveness eligibility for some funding programs. See Line Item 4.B in the Priority Rating System for Drinking Water/Wastewater guidance for more information about what is needed for this parameter.

Sections 3, 4, and 5 – Applicant, Application Preparer, and Engineer Contact Information

Complete this section with all pertinent information. The following bullet points contain specific information.

- **Authorized Representative Name** – This name must match the name listed on the Resolution by Governing Body of Applicant as the Authorized Representative.
- **Mailing Addresses** – Provide the mailing address where the Applicant, Preparer, and Engineer receive mail. For example, if you have a PO Box, provide this information rather than your physical address.

Note: Zip codes between PO Boxes and physical addresses may vary. If using a PO Box to receive mail, **use the zip code that matches the PO Box.**

- **Engineer Contact Information** – If your Application Preparer is the same as the Engineer Contact, check the No box. Section 5 may then be left blank. If the answer is Yes, provide the appropriate information.

Section 6 – Project Description

In this section, provide a brief description of the proposed project in a broad level of detail. Include the project purpose and what the project entails. For example: rehabilitation of 2,000 l.f. of sewer, construction of a new well, stream restoration, construction of a new stormwater control measure, conducting an asset inventory and assessment of the water system in the southwestern district, connecting 104 residences in a disadvantaged area to the water system along Orchard St., repair culverts along Main Street to reduce flooding that affect Community Heart Hospital, evaluating the potential for a merger with a neighboring system, developing and implementing a new stormwater utility with a stormwater enterprise fund using LASII grants, etc. Include information such as types of equipment to be included, capacity of equipment, estimates of line length, street names for sewer or waterline or stormwater piping work, and/or neighborhoods or areas where work will occur or benefits will accrue. **Descriptions of the work related to the major line items in the Project Budget (Sections 8a, 8b, and 8c) must be included in the project description.** For example, if 2,000 l.f. of 4-inch, 3,000 l.f. of 6-inch, 4,000 l.f. of 8-inch pipe, and a stormwater control measure are listed in the project budget, they must be listed in the project description.

For drinking water and wastewater projects, expenses such as pre-construction expenses, rate studies, and training may be included in construction projects. Rate studies and training may also be included with AIA and MRF grant applications. If any of these items are part of the project, please include in the project description and specify how they are directly related to the construction or study project. For training, reimbursement will occur only for registration and mileage costs.

For stormwater projects, if the Applicant is a Council of Government or a nonprofit entity partnering with a Municipality or County, the Applicant must identify the Municipalities and/or Counties that are partners on the project. Describe the project, location of the project work, the beneficiaries of the project, and the nature of the partnership between the Applicant and the Municipalities/Counties, including the roles and

responsibilities of all partners and whether there is an agreement between the Municipalities/Counties and the Applicant to conduct this project.

If the project is a regional project that involves two or more partners, such as two or more units of local government, identify all of the partners, describe the project and its location, the beneficiaries of the project, how the project is being co-funded (if applicable), and the nature of the partnership between all partners, including the roles and responsibilities of all partners. Identify whether the partners have interlocal agreement(s) or begun discussions on an agreement for the project.

If your drinking water or wastewater or CDBG-I construction project will add new connections to the water and/or wastewater system (or to a decentralized system owned, operated, and maintained by the public utility), please estimate the number of new connections in this section.

For drinking water, wastewater, CDBG-I, CWSRF Green Projects, and pre-construction planning grants only: check the appropriate box(es) if the project is a result of a study grant (Asset Inventory and Assessment grant and/or Merger/Regionalization Feasibility grant) previously awarded by the Division. If neither is the case, check None of the Above.

Section 7 – Additional Information for Consideration

In some situations, a construction project's purpose might not be listed as eligible for points under Category 1 – Project Purpose of the relevant construction projects' Priority Rating System. In these situations, you may use the *Supplemental Guidance for the Ranking of Applications and Providing Additional Information for Consideration* found on the Division's [application page](#). Please note the following related to this section:

- This section does not apply to the Drinking Water State Revolving Fund program.
- Information for this section must fit into the space provided.

Section 8 – Project Budget

Complete the project budget for your project as discussed in Section 8a, Section 8b, and Section 8c.

Complete Section 8a for all construction projects (including stormwater construction) and for drinking water and wastewater pre-construction planning grants. If the project includes related training and/or rate study costs, include those in Section 8b.

Complete Section 8b for Asset Inventory and Assessment grants, Merger/Regionalization Feasibility grants, and training and/or rate study components to drinking water or wastewater projects.

Complete Section 8c for stormwater planning grants from LASII, and for projects to develop and implement a new stormwater utility.

Section 8a – Project Budget for All Construction Projects (including Stormwater) and Pre-Construction Planning Grants Only

Complete the project budget by addressing the categories provided in the table (insert rows as needed). Total the cost amount for each line and provide the total cost amount. Please note the following related to this section:

- Project budget is **required** for construction projects and pre-construction planning grants.
- If applying only for a pre-construction planning grant (without construction), complete the Engineering Costs and Administration Costs sections of the budget.

- If applying for a construction project, include the pre-construction planning costs in the budget. Final design and permitting costs are eligible as pre-construction costs for stormwater construction projects. You do not need to apply for a separate pre-construction planning grant or stormwater planning grant.
- Note the instructions at the top of Section 8a about separating costs and labeling them to show portions of the project costs that are attributable to certain factors, such as cost components for disadvantaged areas vs. non-disadvantaged areas, stormwater quantity vs. stormwater quality, and replacement/rehabilitation of lead service lines and older water/sewer lines vs. newer lines. This can be done by adding additional lines to the project budget (e.g.: 1) construction of 720 linear feet of waterline extensions in disadvantaged areas, and 2) 300 linear feet of waterline extensions in non-disadvantaged areas). You may also add additional columns for the sole purpose of separating and labeling costs as required at the top of Section 8a.
- If your project will connect residences in disadvantaged areas that voluntarily choose to connect to the water or wastewater systems (including for CDBG-I projects), complete the Compensation for Connection Fees and System Development Fees line.
- The project budget must be signed and sealed by a properly licensed Professional Engineer (PE). **If you do not provide a PE signature and seal on the budget, the application will be incomplete and not considered for funding.**

Section 8b – Project Budget for AIA and MRF Grants, and Training and/or Rate Study Components to Drinking Water or Wastewater Projects (Not applicable for Drinking Water/Wastewater Pre-Construction Planning Grants or any type of LASII stormwater projects)

Provide basic aspects of the AIA or MRF study costs. For example, if applying for an AIA grant, some budget items might include the following: (1) mapping of collection system, (2) condition assessment, and (3) grant administration. Note: AIA and MRF applications must be separate applications from each other and from construction projects.

Training and/or rate studies may be components of a drinking water/wastewater construction project, pre-construction planning grant, AIA, and/or MRF project. If so, specify the training and/or rate study costs in this section (and exclude from Section 8a, if applicable). Training and rate studies must be related to the project. Training is limited to \$2,000 per applicant and covers registration and mileage costs for governing board officials and utility staff. Training and/or rate studies for stormwater projects should not be included in this section unless applying for a CWSRF Green Project.

Section 8c – Project Budget for Stormwater Planning Grants (LASII) and Projects to Develop and Implement a New Stormwater Utility (LASII)

List each activity that will be undertaken in the stormwater planning study and/or in the development and implementation of a new stormwater utility (keeping them separate), and provide their associated costs.

Certification by Authorized Representative

The Authorized Representative must read and initial in the space beside each question, or use “N/A”.

Completeness Checklist

When putting together the application package, initial to show that the information is in the package, if applicable. **Failure to include or properly document an item marked with * will result in the application being incomplete and ineligible for consideration of funding.** Forms are available separately on the Division’s application page.

Submittal Information

- Applications must be submitted electronically no later than 5:00 pm on Friday, September 30.
- Submit the application electronically at: <https://edocs.deq.nc.gov/Forms/OPA-ARPA>.
- Follow the directions as shown on the form on the website.
- Complete the required fields, almost all of which can be found directly from this Application for Funding form.
- Upload each required document (e.g. completed Application for Funding form, Resolution by Governing Body, Narrative to Claim Points, etc.) **individually**; **do not upload a single file with the entire application package**. Combine all documentation to support the narrative in claiming points into one file before uploading. **Individual file sizes must be limited to 250 MB**.
- Uploading files may take several minutes and may be slow during high volume periods. **It is strongly encouraged to submit applications several days before the application due date to avoid technical difficulties**.
- Once you have submitted your application online, you should receive a confirmation email.
- Online submittal of the application package is sufficient for all applications except for CDBG-Infrastructure applications. For CDBG-I applications only, please submit a hard copy of the application to the Division in addition to the application submitted online.

Application Signature

The Authorized Representation, who is named in the Resolution by Governing Body of Applicant, must sign the application. **An application without this signature is incomplete and will not be eligible for consideration.**



North Carolina Department of Environmental Quality
Division of Water Infrastructure
Application for Funding

(Last updated: July 2022)



1. General Information

Applicant Name County Unique Entity Identifier (UEI)
Gaston County Gaston

Project Name Federal Tax ID # PWSID or NPDES # (if applicable)
Cramerton Central Park Stream Restoration

Applicant Type

- ☐ Municipality ☐ Non-Profit Water Corporation
☒ County ☐ Council of Government or Non-Profit Entity
☐ Water and Sewer District Partnering with Municipality or County for
☐ Water and Sewer Authority LASII Stormwater Project
☐ Sanitary District ☐ Other (Specify:)

Funding Amount Requested

\$275,674

Total Project Cost

\$275,674

Funding Type(s) Requested

Drinking Water or Wastewater Planning

- ☒ Asset Inventory and Assessment (AIA)
☒ Merger/Regionalization Feasibility (MRF) Study
☒ Pre-Construction Planning Grant (without construction)
☐ Stormwater Planning Grant (LASII)
☐ Develop and Implement a New Stormwater Utility (LASII)

Construction Project

- ☐ Drinking Water
☐ Wastewater
☐ CWSRF Green Project: stream restoration, stormwater SCM, reclaimed water
☐ CDBG-Infrastructure (CDBG-I)
☒ Stormwater Construction (LASII)

CDBG-I only:

LMI Determination Method: LMI Percentage:
☐ ACS ☐ Survey

Acceptance of Funding Offer (for Construction Projects only)

These questions will be used to identify the best funding fit. Funding from the American Rescue Plan Act (ARPA) and CDBG-I is available as grants, and principal forgiveness is available from the State Revolving Funds.

1. I am willing to accept funding that includes federal conditions. ☒ Yes ☐ No
2. I will only accept a funding offer (loan and/or grant) if a minimum of \$275,674 is offered as a grant or principal forgiveness.
Enter \$0 if you are willing to accept a loan offer with no grant or principal forgiveness.
3. ☐ Because of the potential hardship related to a State Revolving Fund and/or State Reserve Program loan, this application seeks to replace the \$ loan awarded to the Insert Project Name (Insert project number) with grant funding. *Note: loans that have already received disbursements are not eligible.*

2. Drinking Water and Wastewater System Parameters (Not applicable for stormwater projects)

Residential Sewer Connections

Residential Water Connections

Non-Residential Sewer Connections

Non-Residential Water Connections

Monthly Sewer Bill per 5,000 gallons

Monthly Water Bill per 5,000 gallons

Percentage of Utility Bills Collected and Rate Increase Percentages

Year

Percentage of Utility Bills Collected

Rate Increase Percentage

3. Applicant Contact Information

Authorized Representative Name: Dr. Kim S. Eagle

Authorized Representative Title: County Manager

Mailing Address Line 1: PO Box 1578

Mailing Address Line 2:

City: Gastonia

State: NC

Zip Code: 28053

Physical Address Line 1: 128 W Main Ave.

Physical Address Line 2:

Physical Address City: Gastonia

Physical Address State: NC

Physical Address Zip Code: 28052

Phone Number: 704-866-3101

Email Address: Kim.eagle@gastongov.com

4. Application Preparer Contact Information

Firm Name: Gaston County

Contact Name: William Wier, PE

Mailing Address Line 1: 1303 Dallas Cherryville Hwy.

Mailing Address Line 2:

City: Dallas

State: NC

Zip Code: 28034

Physical Address Line 1: 1303 Dallas Cherryville Hwy.

Physical Address Line 2:

Physical Address City: Dallas

Physical Address State: NC

Physical Address Zip Code: 28034

Phone Number: 704-922-2156

Email Address: will.wier@gastongov.com

5. Engineer Contact Information

Is the engineering firm different from the application preparer? ☐ Yes ☒ No

Engineering Firm Name:

Contact Name:

Mailing Address 1:

Mailing Address 2:

City:

State:

Zip Code:

Physical Address Line 1:

Physical Address Line 2:

Physical Address City:

Physical Address State:

Physical Address Zip Code:

Phone Number:

Email Address:

6. Project Description (see Instructions)

Restoring a 980 linear foot section of stream in Central Park in the Town of Cramerton, converting 260 linear feet of existing drainage ditches to a nature-based solution of runoff conveyance, and replacing an undersized culvert within the park. Pea gravel and filter fabric will be used to replace the trail that currently exists along the creek but will need to be removed during construction. Skid steers, backhoes, and dump trucks will be used during construction and for the transportation of material to the site. Grading, matting, and plantings will occur on both sides of the 980 linear feet of stream. An educational sign will be installed to summarize the work and benefits of stream restoration to the public visitors of the park. Gaston County Natural Resources Department and the Town of Cramerton are working together on this project. GCNRD and Cramerton have existing interlocal agreements regarding soil erosion and sedimentation control and phase II stormwater control. The Natural Resources Engineer and the Natural Resources Administrator with GCNRD have met with the Interim Town Manager of Cramerton and have agreed to conduct this project. GCNRD will be responsible for the application submittal, surveying, completing the design, bidding out the construction work, and completing the as-builds. The Town of Cramerton and their Parks and Recreation department will be responsible for the maintenance and care of the stream restoration. An operation and maintenance agreement will be completed and signed by a Town of Cramerton representative to ensure proper ongoing upkeep.

This stream restoration will reduce streambank erosion, reconnect the floodplain, and improve water quality runoff by implementing natural streambank design and processes in order to promote resilience, reduce peak flow rates, and minimize pollutants.

Estimated number of new connections served by Drinking Water or Wastewater construction project:

For Drinking Water and Wastewater Construction, CDBG-I, CWSRF Green Projects, Pre-Construction Planning Grants:

- ☐ The proposed project is a result of an Asset Inventory and Assessment grant previously awarded by the Division.
- ☐ The proposed project is a result of a Merger / Regionalization Feasibility Study grant previously awarded by the Division.
- ☐ None of the above.

7. Additional Information for Consideration

8a. Project Budget for All Construction Projects and Drinking Water/Wastewater Pre-Construction Planning Grants only. Do not use for AIA, MRF, Stormwater Planning Grant (LASII), or Develop and Implement a New Stormwater Utility (LASII) projects.

1. Drinking Water/Wastewater: Costs for portions of the project that will fulfill the requirements related to rehabilitating or replacing waterlines, old infrastructure, lead service lines (DW/WW Priority Rating System Line Items 1.C, 1.C.1 or 1.D.1) must be labeled and shown separately to successfully claim points.
2. Stormwater: Costs for stormwater quality project components and costs for stormwater quantity project components (Stormwater Priority Rating System Line Items 1.A or 1.C), must be labeled and shown separately to successfully claim points.
3. All: Costs for portions of the project that will benefit disadvantaged areas (DW/WW Priority Rating System Line Items 1.E or 4.D, Stormwater Priority Rating System Line Item 4.C) must be labeled and shown separately to successfully claim points.
4. Add additional lines as needed.

Indicate construction costs by line item (e.g., linear feet of different-sized lines, each type of stormwater control measure, each stream restoration/enhancement/stabilization reach). Include a more detailed construction cost budget if needed.	Division Funding Requested	Other Secured Funding Source(s)	Total Cost Amount
<u>Construction Costs</u>			
Stream Restoration Grading and Materials	\$172,600		\$172,600
Bioswale Construction	\$1040		\$1040
Concrete Pipe	\$10,240		\$10,240
Landscaping	\$8899		\$8899
<i>Contingency (10% of construction costs):</i>	\$19,278		\$19,278
<i>Construction Subtotal:</i>	<i>\$212,057</i>		<i>\$212,057</i>
<u>Engineering Costs</u>			
Engineering Design	\$40,000		\$40,000
Permitting			
Land Surveying Costs	\$10,000		\$10,000
Other:			
<i>Engineering Subtotal:</i>	<i>\$50,000</i>		<i>\$50,000</i>
<u>Administration Costs</u>			
Planning (pre-construction costs)	\$13,617		\$13,617
Easement Preparation			
Engineering Report Preparation			
Environmental Documentation Preparation (if applicable)			
Legal Costs			
Compensation for Water/Wastewater Connection Fees and System Development Fees that will not be charged after connecting residences in disadvantaged areas (if applicable)			
Project Funding Administration (if applicable)			
Other:			

<i>Administration Subtotal:</i>	<i>\$13,617</i>		<i>\$13,617</i>
TOTAL PROJECT COST:	\$275,674		\$275,674
A Professional Engineer signature and seal for the estimate <u>must be provided</u> in the space to the right for the application to be considered complete.			

8b. Project Budget for AIA and MRF Grants, and Training and/or Rate Study Components to Drinking Water or Wastewater Projects. Do not use for Pre-Construction Planning Grants, or any type of LASII Stormwater project.

Add additional lines as needed.

	Division Funding Requested
TOTAL DIVISION FUNDING REQUESTED:	

8c. Project Budget for Stormwater Planning Grant (LASII) and Grant to Develop and Implement a New Stormwater Utility (LASII). Do not use for any other project type, including stormwater construction (LASII).

1. If the application includes a request for funds to both Develop and Implement a New Stormwater Utility and other Stormwater Planning work, the budget shown below must be labeled and shown separately.
2. Add additional lines as needed.

	Division Funding Requested
TOTAL DIVISION FUNDING REQUESTED FOR STORMWATER PLANNING GRANT (LASII):	
TOTAL DIVISION FUNDING REQUESTED TO DEVELOP AND IMPLEMENT A NEW STORMWATER UTILITY (LASII):	

Certification by Authorized Representative

The attached statements and exhibits are hereby made part of this application, and the undersigned representative of the Applicant certifies that the information in this application and the attached statements and exhibits are true, correct, and complete to the best of his/her knowledge and belief. By initialing each item and signature at the end of this application, he/she further certifies that:

- _____ 1. as Authorized Representative, he/she has been authorized to file this application by formal action of the governing body;
- _____ 2. the governing body agrees to provide for proper short-term and long-term maintenance and operation of the approved project after its completion;
- _____ 3. the Applicant has substantially complied with or will comply with all federal, state, and local laws, rules, and regulations and ordinances as applicable to this project;
- _____ 4. the Applicant will adopt and place into effect on or before the completion of the project a schedule of fees and charges which will provide for the adequate and proper operation, maintenance, and administration and repayment of all principal and interest on loans (if applicable) of the project [if not applicable, initial "N/A"];
- _____ 5. the Applicant has followed proper accounting and fiscal reporting procedures, as evidenced by the Applicant's most recent audit report, and that the Applicant is in substantial compliance with provision of the general fiscal control laws of the State;
- _____ 6. the Project Budget for all construction projects and pre-construction planning grants provided in this application form (Section 8a, if applicable) includes all funding requested from all sources of funding proposed for this project;
- _____ 7. the (Town or County), North Carolina is organized and chartered under the laws of North Carolina, or the special purpose unit of local government is incorporated under the laws of North Carolina. All officials and employees are aware of, and in full compliance with NCGS 14-234, "Public officers or employees benefiting from public contracts; exceptions." (For units of local government only. All others should initial "N/A");
- _____ 8. the Applicant acknowledges that all loans and Viable Utility Reserve grants are subject to approval by the Local Government Commission (not applicable for CDBG-I or stormwater projects);
- _____ 9. the Applicant acknowledges that if the application is for a drinking water or wastewater project and any one of the local government units involved in the project is designated as distressed by the State Water Infrastructure Authority and the Local Government Commission, the local government unit(s) must complete the viable utility requirements in NCGS 159G-45(b) by conducting an asset assessment and rate study, participate in a training program, and develop a short-term and long-term action plan considering infrastructure repair, maintenance, and management, continuing education, and long-term financial management plan. Additional conditions may be imposed on the local government(s) designated as distressed by the State Water Infrastructure Authority and/or the Local Government Commission. (Initial "N/A" if does not apply to project type or all local governments involved in the project).
- _____ 10. the Applicant acknowledges that, in accordance with G.S. 120-157.2, for local government debt to be issued greater than \$1,000,000, the local government must report to Committee Chairs, Committee Assistant, and the Fiscal Research Division of the General Assembly at least 45 days prior to presentation before the Local Government Commission (For units of local government only. All others, and CDBG-I and stormwater (LASII) applicants should initial "N/A"); and
- _____ 11. if the Applicant receives a grant with American Rescue Plan Act (ARPA) State Fiscal Recovery Funds, the Applicant acknowledges and accepts the following conditions:
 - a) all ARPA project funds must be reimbursed by December 31, 2026;
 - b) project funds will not be used to pay existing debt or as a match for other federal funds;
 - c) if the project is also funded with other federal funds, the federal requirements of the other funds will apply to the ARPA funds; and
 - d) for projects receiving ten million dollars or more in ARPA funding: recipients must certify or provide plans and reports meeting federal requirements on reporting on prevailing wage rates, project labor agreements, and related information as specified in the U.S. Treasury's Compliance and Reporting Guidance for the State and Local Fiscal Recovery Funds.

Completeness Checklist

In addition to this application, the following items must be included in the application package to be eligible or to successfully claim priority points. **Failure to include or properly document an item marked with * will result in an incomplete and ineligible application which will not be considered for funding.** Please initial that each item is included in this submittal. If not applicable for the project, please initial "N/A".

- _____ Resolution by Governing Body of Applicant with Certification by Recording Officer * †
- _____ Resolution by Governing Body of Applicant to Develop and Implement a Stormwater Utility with a Stormwater Enterprise Fund * † [for 'Develop and Implement a New Stormwater Utility' project only; replaces "Resolution by Governing Body of Applicant with Certification by Recording Officer" above]
- _____ Comprehensive Narrative to Claim Points in the Priority Rating System *
- _____ Documentation to Support the Comprehensive Narratives, including maps or images as needed
- _____ Applicable Priority Rating System Form to Claim Points † [for Construction Projects and Pre-Construction Planning Grants only]
- _____ Affordability Calculator † or handwritten affordability calculations [not applicable to CDBG-I, AIA, MRF, or stormwater projects (LASII)]
- _____ Fund Transfer Certification with appropriate box checked * † [not applicable to CDBG-I or stormwater projects (LASII)]
- _____ Water & Sewer Financial Information Form † [not applicable to stormwater projects (LASII)]
- _____ Commitment of Other Funds Form, Low to Moderate Income Documentation, and Federal Compliance Documents* † [for CDBG-I applications only]
- _____ Stormwater Entity Eligibility Certification Form * † [for stormwater projects (LASII) only]
- _____ Current rate sheets and NC Water & Sewer Rate Form† in effect on application deadline (for both water and sewer if the utility provides both water and sewer, or for water or sewer depending on the utility service) [not applicable to stormwater projects (LASII)]
- _____ Current stormwater fees in effect on application deadline [for stormwater projects (LASII) only if fees apply]
- _____ PE Seal on Project Budget * [for Construction Projects and Pre-Construction Planning Grants only]

* Required in the application package. Failure to include or properly document will result in an incomplete and ineligible application which will not be considered for funding.

† Forms and templates are available separately on the Division's application webpage.

Submittal Information

All application packages must be submitted electronically at <https://edocs.deq.nc.gov/Forms/OPA-ARPA>

See Instructions on completing the form online.

Online submittal of the application package is sufficient for all applications, except for CDBG-Infrastructure applications.

For CDBG-Infrastructure applications only: in addition to submitting the application package electronically at the link above, you must **send one (1) original hard copy*** of the application package to:

Mailing Address[†] (US Postal Service only)

Division of Water Infrastructure
1633 Mail Service Center
Raleigh, NC 27699-1633

Physical Address (FedEx, UPS)[‡]

Division of Water Infrastructure – 8th Floor, Archdale Building
512 North Salisbury Street
Raleigh, NC 27604
919.707.9160

* Provide a hard copy that is bound (e.g., report cover with fasteners, plastic report combs, spiral or 3-ring binders). No paper clips, staples or binder clasps.

[†] Please allow two weeks for delivery if mailing via the US Postal Service.

[‡] For all courier services, please use the physical address, as having a courier deliver to the mailing address will delay package delivery.

Application Signature

Original signature is required for the application.

Application with no signature is incomplete and ineligible for consideration.

SIGNATURE OF AUTHORIZED REPRESENTATIVE

Kim S. Eagle

TYPED NAME

County Manager

TYPED TITLE

DATE

***** This Entity Eligibility Certification Form MUST be included in the Application Package for Stormwater Funding from LASII *****

**Local Assistance for Stormwater Infrastructure Investments (LASII) Fund
Entity Eligibility Certification Form (Stormwater Eligibility Form)**

North Carolina General Assembly Session Law 2021-180 Section 12.14 established the Local Assistance for Stormwater Infrastructure Investments (LASII) fund to provide grants to eligible entities for projects that will improve or create infrastructure for controlling stormwater quantity and quality. Section 12.14.(d) defines an eligible entity as: "a city¹ or county that (i) documents in a form and manner as the Department may specify a stormwater quality or quantity issue and (ii) demonstrates that it would experience a significant hardship raising the revenue necessary to finance stormwater management activities within its jurisdiction based on income and unemployment data, population trends, and any other data determined relevant by the Department. A regional council of government created pursuant to Part 2 of Article 20 of Chapter 160A of the General Statutes or a nonprofit entity is also an eligible entity under this section if the regional council of government or nonprofit entity partners with a city or county."

An applicant seeking grant funding from LASII for a stormwater construction project, stormwater planning grant, or to develop and implement a new stormwater utility must document the following items on this LASII Entity Eligibility Certification Form. Failure to adequately document the following items or to certify and include this form in the application package will result in the application being considered ineligible for funding.

1. Document a Stormwater Quality or Stormwater Quantity Issue

(Required by Session Law 2021-180 Section 12.14.(d)(i))

- A. Provide a narrative that describes the stormwater quality issue and/or stormwater quantity issue, based on historic or projected precipitation, and how the proposed project will be used to address the issue.

Central Park is a 6.42-acre park in downtown Cramerton, NC with no Stormwater Control Measures for runoff from 45 acres of highly urbanized area with 29% impervious area. 980 feet of a first-order stream flows through Central Park. Runoff is conveyed to the park via NCDOT storm system, overland flow, conveyance ditches. This has caused excessive erosion and streambank erosion. Rip rap has been installed along the streambanks and the conveyance ditches within Central Park to help stabilize these areas, however this has increased the impervious area and does not improve stormwater quality and quantity as a nature-based solution would. An undersized culvert appears to constrict the floodplain and contribute to the streambank erosion as well. Properly sizing and stabilizing the streambanks and conveyances with native vegetation and replacing the undersized culvert within Central Park would enhance both water quality and water quantity issues. At the point where the stream flows out of Central Park, it is a mere 800 feet away from the South Fork Catawba River. This highly impaired stream has turbidity issues for many years. Increased urbanization of the watershed in recent years has led to additional streambank erosion and greater concerns. Additionally, six of the ten largest flood events in Cramerton's recorded history have occurred in the last seven years. These concerns by citizens have led to the formation of the South Fork River Health Committee which is comprised of local municipalities, other non-profits, and for-profit users of the South Fork River. Properly sizing and stabilizing the streambanks and conveyances with native vegetation and replacing the undersized culvert within Central Park would enhance both water quality and water quantity

¹ "City" means municipality and includes cities, towns, and villages.

issues by reducing the peak flow velocity, reconnecting the floodplain, beautifying the park, and limiting pollutants such as sediment.

B. Provide a map and/or narrative that identifies the location of the stormwater quality and/or stormwater quantity issue. The map and/or narrative must show or describe the watershed upstream of the location, and if possible, identify the acreage, percentage of impervious area and land use cover in the watershed upstream of the location. If providing a map, attach the map to this Certification Form.

USGS StreamStats Report is attached as well as a map from Gaston County GIS illustrating the length of stream to be restored.

- C. If available, provide photographs of the stormwater quality and/or stormwater quantity issue and identification of the amount of rainfall that caused the issue, based on the nearest reliable rain gauge, news articles about the issue, or other information that clearly demonstrates the issue. Attach this information to this Certification Form, if available.

AND

2. Demonstrate that the Applicant would Experience a Significant Hardship raising the Revenue Necessary to Finance Stormwater Management Activities within its Jurisdiction. (Required by Session Law 2021-180 Section 12.14.(d)(ii))

Select the method to demonstrate significant hardship below:

☒ Applicant Will Rely on Item 2.A: LGU Indicators or Benefits to Disadvantaged Areas,

OR

☐ Applicant Will Rely on Item 2.B: Develop and Implement a New Stormwater Utility

- **Item 2.A: For applications for Stormwater Construction (LASII) and Stormwater Planning Grants (LASII).** Does not apply to applications to Develop and Implement a New Stormwater Utility.

An applicant must demonstrate eligibility by meeting either of the two criteria below (Criterion 1 or Criterion 2):

Criterion 1: At least one (1) of the five (5) five Local Government Unit (LGU) Indicators for the applicant are worse than the state benchmarks shown in the table below. The values for the LGU Indicators for all municipalities and counties in North Carolina are provided in tables on the Division application webpage.

Local Government Unit Indicator		State Benchmarks for Fall 2022 Applications	Enter Value of Local Government Unit Indicator of Applicant ^{2,3}
1. Population Change	< =	4.5%	4.9%
2. Poverty Rate	> =	14.0%	13.6%
3. Median Household Income	< =	\$56,642	\$53,474

² If two or more eligible applicants are working together on the proposed project and the collaboration is necessary in order to accomplish the construction project or to accomplish the goals of the study, enter the LGU Indicator values for the most distressed of the municipalities or counties.

³ Please use the Local Government Unit Parameters (which supplies values for population change, poverty rate, median household income, unemployment rate, and property valuation per capita for all cities and counties in North Carolina) available on the Division application webpage.

4. Unemployment Rate	> =	7.1%	7.8%
5. Per Capita Appraised Value of Property	< =	\$125,015	\$91,349

OR

Criterion 2: The City or County as a whole does not meet Criterion 1 but is applying for stormwater projects that primarily benefit disadvantaged areas within the City's or County's jurisdiction. To be eligible, 75 percent or more of the project construction costs (as delineated in the Project Budget) must be used to directly benefit disadvantaged areas.

Disadvantaged areas may be subsections or pockets of a City's or County's jurisdiction, rather than the entire City or County. For instance, disadvantaged areas may be census block groups that meet qualifying characteristics. The targeted project area will be determined a "disadvantaged area" based on factors that shall include:

- Median household income, poverty rates, per capita appraised property values of property, and/or employment rates of the targeted project area,
- Additional factors that may qualify the targeted project area as disadvantaged, such as but not limited to demographic, historical, cultural, linguistic, socioeconomic stressors, or cost-of-living stressors may also be considered.

Use of federal or state-generated maps to demonstrate that a targeted project area is disadvantaged is encouraged. For instance, using screenshots or printouts of NC DEQ's Community Mapping System, labeling and identifying on the map the targeted project area overlapping "Potentially Underserved Block Groups" and/or "Tribal Boundaries" that appear on the online map as shaded areas (these are considered disadvantaged areas).

For Criterion 2, the proposed project is not required to be located *within* a disadvantaged area, but the project *must result in* water quality improvements within the disadvantaged area and/or reduce water quantity impacts within the disadvantaged area. Over 75 percent of the project's construction costs must be used to provide these benefits to the disadvantaged areas to qualify under Criterion 2.

For Criterion 2, to document that the direct beneficiaries of the project are disadvantaged, provide:

A. A narrative, with or without a map, describing the project location, areas in which project benefits are anticipated, and disadvantaged area(s).

- Example Map Documentation: Screenshots or printouts of NC DEQ's Community Mapping System, or similar federal or state-generated map, with project location and areas in which project benefits are anticipated overlayed on top of Potentially Underserved Block Groups and/or Tribal Boundaries. Attach screenshots or printouts of maps to this Certification Form.
- Narrative Documentation: Narrative must sufficiently describe disadvantaged factors of the areas where the project benefits will accrue, including median household income, poverty rates, per capita appraised property values of property, and/or employment rates of the targeted project area. Additional factors that may qualify the benefiting areas as disadvantaged, such as but not limited to demographic, historical, cultural, linguistic, socioeconomic stressors, or cost-of-living stressors.

B. For Criterion 2, demonstrate that 75 percent or more of the project's construction cost (as shown in the Project Budget) will be used to benefit disadvantaged areas. Complete the Project Budget in the application and clearly label and shown costs that benefit disadvantaged areas separately from other costs.

In this Certification Form, provide the following summary:

Cost Estimated in the Project Budget	Division Funding Requested (Total, from Project Budget)	Portion that Benefits Disadvantaged Areas	Portion that Does Not Benefit Disadvantaged Areas
<u>Construction Costs</u>			
Comprehensive Grading			
Storm Drainage and Structures			
Landscaping			
<i>Contingency (10% of construction costs):</i>			
<i>Construction Subtotal:</i>			

C. For Criterion 2, provide a description of how the proposed project will reduce the impact(s) of the described stormwater quality issue and/or stormwater quantity issue within the disadvantaged area. **If the proposed project will address both stormwater quality and stormwater quantity issues, provide a separate description for each issue.**

- **Item 2.B: For applications to Develop and Implement a New Stormwater Utility (LASII).** Does not apply to applications for stormwater construction and stormwater planning grants.

If the city or county does not have a stormwater utility with a Stormwater Enterprise Fund and the project purpose described in Part 1.A of this Entity Eligibility Certification Form is to develop and implement a new Stormwater Utility, the city or county will have met the requirement to demonstrate that there is a significant hardship in raising the revenue necessary to finance stormwater management activities within its jurisdiction. The grant amount for which a city or county will be eligible will be capped at different levels based on the number of LGU Indicators (from Criterion 1) that are worse than the state benchmarks.

For Item 2.B, include a Resolution by the Governing Body stating that the city or county does not currently have a Stormwater Utility with a Stormwater Enterprise Fund, but will develop and implement a stormwater utility and Stormwater Enterprise Fund during the project. See the [Division's application webpage](#) for a template resolution. The resolution must be included as part of the application package. Please also attach it to this Certification Form, or provide a statement here that the Resolution for Developing and Implementing a Stormwater Utility with a Stormwater Enterprise Fund is included with the application package.

AND, IF APPLICABLE

- 3. Documentation that the Applicant is a Regional Council of Government created pursuant to Part 2 of Article 20 of Chapter 160A of the North Carolina General Statutes or the Applicant is a Nonprofit Entity, and that the Regional Council of Government or Nonprofit Entity is Partnering with an Eligible City or County.**

If applicable, provide the following information below:

- A. Name and address of regional council of government or nonprofit entity

- B. Name, title, and contact information for the person with the entity named above that will be the primary contact for this project

- C. Name, title, and contact information for the person with the eligible city or county that will be the primary contact for this project

- D. Copy of the executed instrument used to establish the partnership arrangement between the entity named above and the eligible city or county

Certification by Authorized Representative

The above statements and all attached exhibits are hereby made part of this LASII Entity Eligibility Certification Form, and the undersigned representative of the Applicant certifies that the information in this Form and the statements and exhibits are true, correct, and complete to the best of his/her knowledge and belief.

LASII Entity Eligibility Certification Form Signature

Please Note: Original signatures are required for each Certification Form

SIGNATURE OF AUTHORIZED REPRESENTATIVE

Kim S. Eagle

, County Manager

TYPED NAME

TYPED TITLE

DATE



GIS

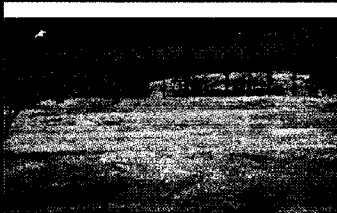
Measuring tool



572.6 Feet

Clear Current Measurement

Property Details



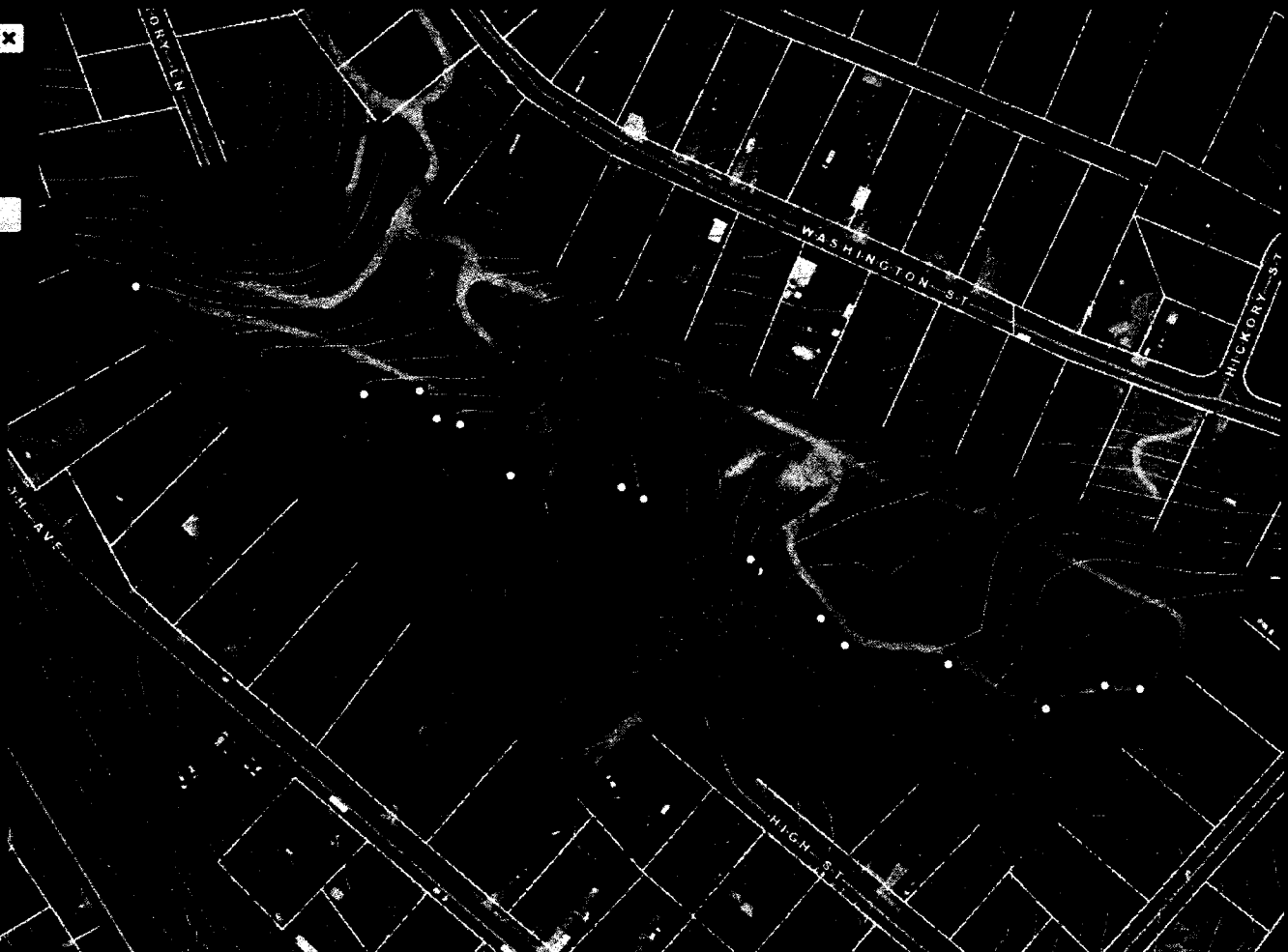
195091 05/27/2014

Primary Property Address

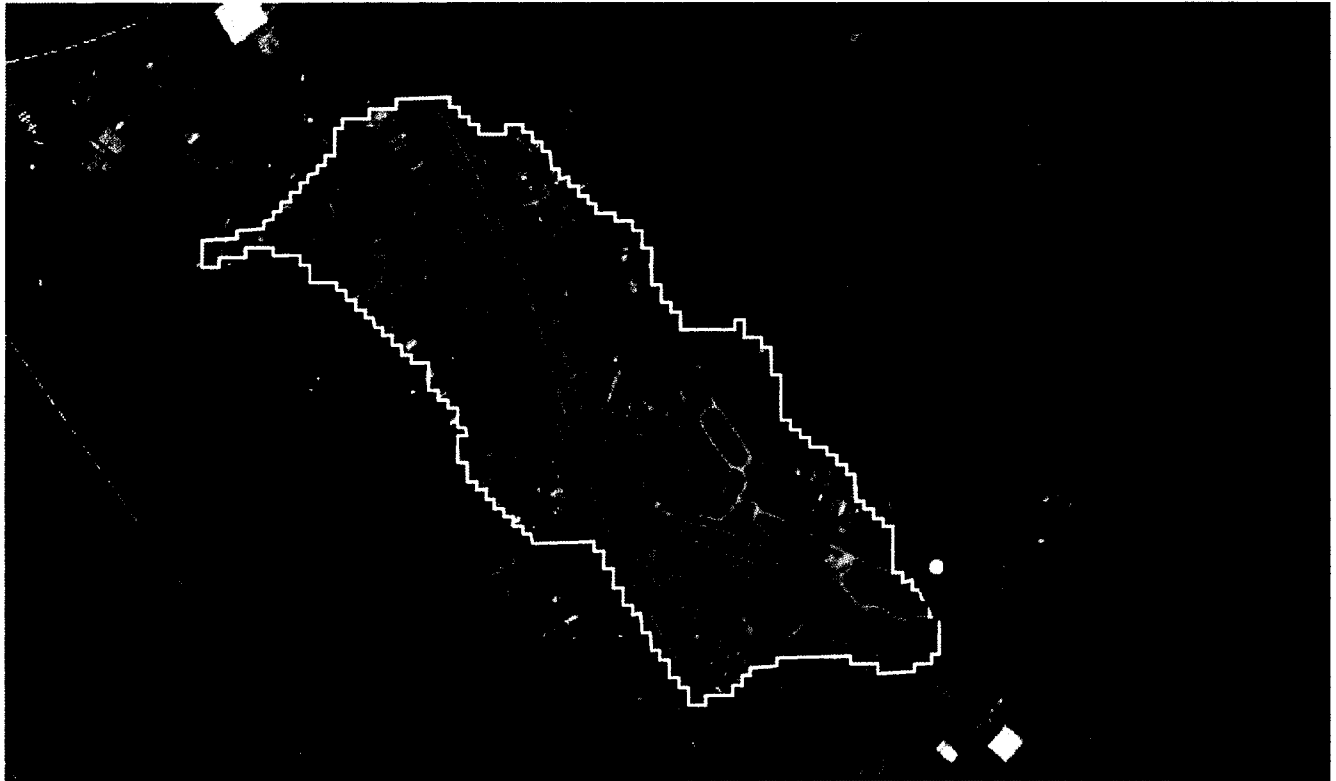
Map Information

+

-



StreamStats Report

Region ID: NC**Workspace ID:** NC20220908173337087000**Clicked Point (Latitude, Longitude):** 35.24183, -81.07625**Time:** 2022-09-08 13:33:56 -0400[+ Collapse All](#)

➤ Basin Characteristics

Parameter Code	Parameter Description	Value	Unit
BASINPERIM	Perimeter of the drainage basin as defined in SIR 2004-5262	1.76	miles
BSLDEM30FT	Mean basin slope, based on slope percent grid	9.93	percent
CSL10_85fm	Change in elevation between points 10 and 85 percent of length along main channel to basin divide divided by length between points ft per mi	224.04	feet per mi
DRNAREA	Area that drains to a point on a stream	0.0701	square miles

Parameter Code	Parameter Description	Value	Unit
ELEV	Mean Basin Elevation	657	feet
ELEVMAX	Maximum basin elevation	725	feet
I24H50Y	Maximum 24-hour precipitation that occurs on average once in 50 years	6.58	inches
LC01BARE	Percentage of area barren land, NLCD 2001 category 31	0	percent
LC01CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2001	0	percent
LC01DEV	Percentage of land-use from NLCD 2001 classes 21-24	99.9	percent
LC01FOREST	Percentage of forest from NLCD 2001 classes 41-43	0.1	percent
LC01HERB	Percentage of herbaceous upland from NLCD 2001 class 71	0	percent
LC01IMP	Percent imperviousness of basin area 2001 NLCD	29.07	percent
LC01SHRUB	Percent of area covered by shrubland using 2001 NLCD	0	percent
LC01WATER	Percentage of open water, class 11, from NLCD 2001	0	percent
LC01WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2001	0	percent
LC06BARE	Percent of area covered by barren rock using 2006 NLCD	0	percent
LC06DEV	Percentage of land-use from NLCD 2006 classes 21-24	99.9	percent
LC06FOREST	Percentage of forest from NLCD 2006 classes 41-43	0.1	percent
LC06GRASS	Percent of area covered by grassland/herbaceous using 2006 NLCD	0	percent
LC06IMP	Percentage of impervious area determined from NLCD 2006 impervious dataset	29.07	percent
LC06PLANT	Percent of area in cultivation using 2006 NLCD	0	percent
LC06SHRUB	Percent of area covered by shrubland using 2006 NLCD	0	percent
LC06WATER	Percent of open water, class 11, from NLCD 2006	0	percent
LC06WETLND	Percent of area covered by wetland using 2006 NLCD	0	percent
LC11BARE	Percentage of barren from NLCD 2011 class 31	0	percent

Parameter Code	Parameter Description	Value	Unit
LC11CRPHAY	Percentage of cultivated crops and hay, classes 81 and 82, from NLCD 2011	0	percent
LC11DEV	Percentage of developed (urban) land from NLCD 2011 classes 21-24	99.9	percent
LC11FOREST	Percentage of forest from NLCD 2011 classes 41-43	0.1	percent
LC11GRASS	Percent of area covered by grassland/herbaceous using 2011 NLCD	0	percent
LC11IMP	Average percentage of impervious area determined from NLCD 2011 impervious dataset	29.1	percent
LC11SHRUB	Percent of area covered by shrubland using 2011 NLCD	0	percent
LC11WATER	Percent of open water, class 11, from NLCD 2011	0	percent
LC11WETLND	Percentage of wetlands, classes 90 and 95, from NLCD 2011	0	percent
LC92FOREST	Percentage of forest from NLCD 1992 classes 41-43	0.1	percent
LFPLENGTH	Length of longest flow path	0.666	miles
LU92BARE	Percent of area covered by barren rock using 1992 NLCD	0	percent
LU92DEV	Percent of area covered by all densities of developed land using 1992 NLCD	98.2	percent
LU92PLANT	Percent of area in cultivation using 1992 NLCD	1.7	percent
LU92WATER	Percent of area covered by water using 1992 NLCD	0	percent
LU92WETLN	Percent of area covered by wetland using 1992 NLCD	0	percent
MINBELEV	Minimum basin elevation	579	feet
OUTLETELEV	Elevation of the stream outlet in feet above NAVD88	579	feet
PCTREG1	Percentage of drainage area located in Region 1 - Piedmont / Ridge and Valley	100	percent
PCTREG2	Percentage of drainage area located in Region 2 - Blue Ridge	0	percent
PCTREG3	Percentage of drainage area located in Region 3 - Sandhills	0	percent
PCTREG4	Percentage of drainage area located in Region 4 - Coastal Plains	0	percent

Parameter Code	Parameter Description	Value	Unit
PCTREG5	Percentage of drainage area located in Region 5 - Lower Tifton Uplands	0	percent
PRECIP	Mean Annual Precipitation	45.8	inches
PROTECTED	Percent of area of protected Federal and State owned land	0	percent
SSURGOA	Percentage of area of Hydrologic Soil Type A from SSURGO	0	percent
SSURGOB	Percentage of area of Hydrologic Soil Type B from SSURGO	100	percent
SSURGOC	Percentage of area of Hydrologic Soil Type C from SSURGO	0	percent
SSURGOD	Percentage of area of Hydrologic Soil Type D from SSURGO	0	percent

➤ Urban Peak-Flow Statistics

Urban Peak-Flow Statistics Parameters [Region 1 Piedmont Urban under 3 sqmi 2014 5030]

Parameter Code	Parameter Name	Value	Units	Min Limit	Max Limit
DRNAREA	Drainage Area	0.0781	square miles	0.1	3
LC06IMP	Percent Impervious NLCD2006	29.07	percent	0	47.9

Urban Peak-Flow Statistics Disclaimers [Region 1 Piedmont Urban under 3 sqmi 2014 5030]



Urban Peak-Flow Statistics Flow Report [Region 1 Piedmont Urban under 3 sqmi 2014 5030]

Statistic	Value	Unit
Urban 50-percent AEP flood	60.3	ft ³ /s
Urban 20-Percent AEP flood	76.5	ft ³ /s
Urban 10-percent AEP flood	85.5	ft ³ /s
Urban 4-percent AEP flood	94.1	ft ³ /s
Urban 2-percent AEP flood	99.1	ft ³ /s
Urban 1-percent AEP flood	104	ft ³ /s
Urban 0.5-percent AEP flood	108	ft ³ /s
Urban 0.2-percent AEP flood	119	ft ³ /s

Urban Peak-Flow Statistics Citations

Feaster, T.D., Gotvald, A.J., and Weaver, J.C., 2014, Methods for estimating the magnitude and frequency of floods for urban and small, rural streams in Georgia, South Carolina, and North Carolina, 2011 (ver. 1.1, March 2014): U.S. Geological Survey Scientific Investigations Report 2014–5030, 104 p. (<http://pubs.usgs.gov/sir/2014/5030/>)

USGS Data Disclaimer: Unless otherwise stated, all data, metadata and related materials are considered to satisfy the quality standards relative to the purpose for which the data were collected. Although these data and associated metadata have been reviewed for accuracy and completeness and approved for release by the U.S. Geological Survey (USGS), no warranty expressed or implied is made regarding the display or utility of the data for other purposes, nor on all computer systems, nor shall the act of distribution constitute any such warranty.

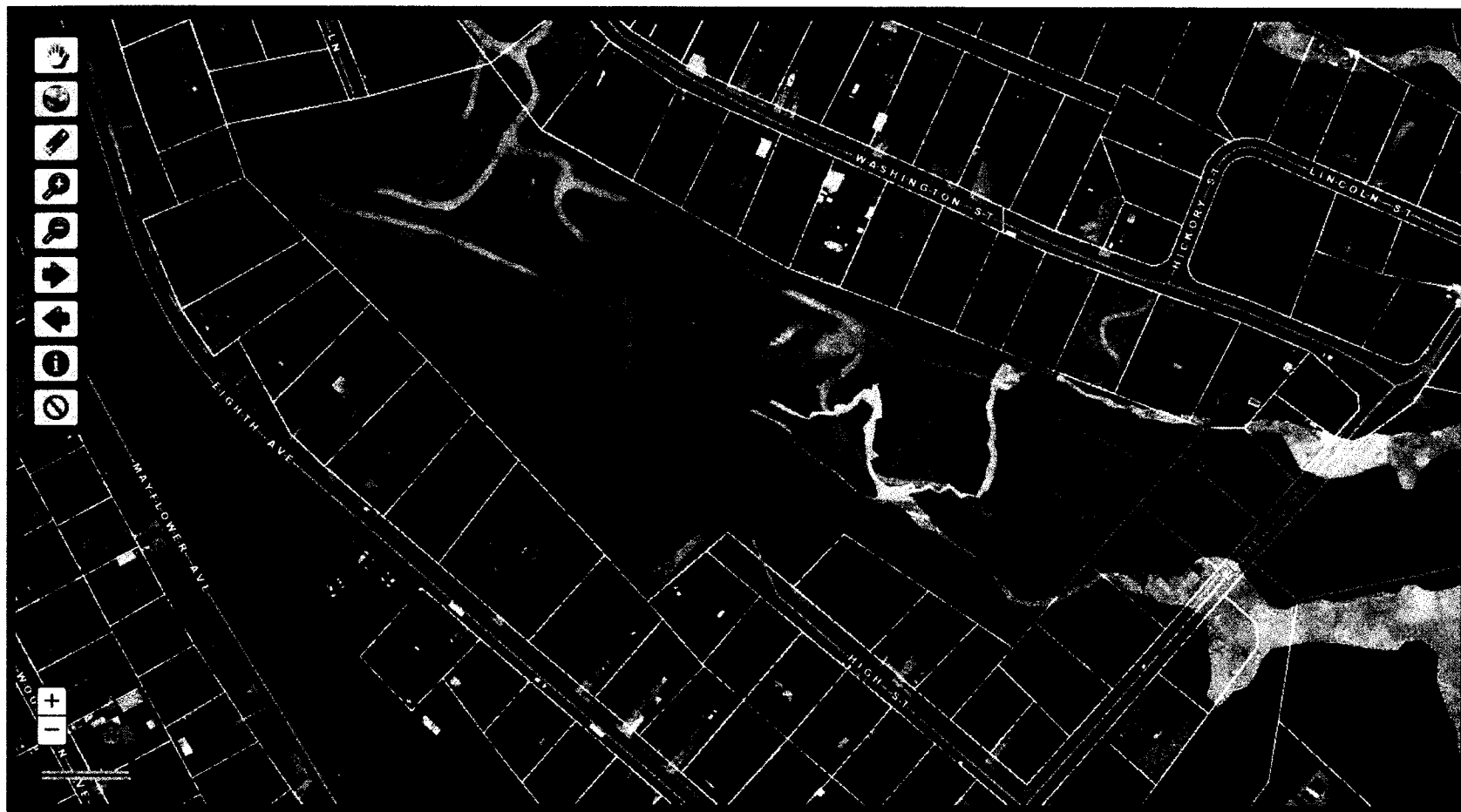
USGS Software Disclaimer: This software has been approved for release by the U.S. Geological Survey (USGS). Although the software has been subjected to rigorous review, the USGS reserves the right to update the software as needed pursuant to further analysis and review. No warranty, expressed or implied, is made by the USGS or the U.S. Government as to the functionality of the software and related material nor shall the fact of release constitute any such warranty. Furthermore, the software is released on condition that neither the USGS nor the U.S. Government shall be held liable for any damages resulting from its authorized or unauthorized use.

USGS Product Names Disclaimer: Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

Application Version: 4.10.1

StreamStats Services Version: 1.2.22

NSS Services Version: 2.2.1



**RESOLUTION
ENDORISING APPLICATION BY GASTON COUNTY
FOR THE AMERICAN RESCUE PLAN ACT GRANT FOR A
STREAM RESTORATION PROJECT AT CENTRAL PARK IN CRAMERTON**

WHEREAS, the Town of Cramerton has recently improved Central Park by uncovering a previously buried, piped stream that runs through the park and into the South Fork River; and

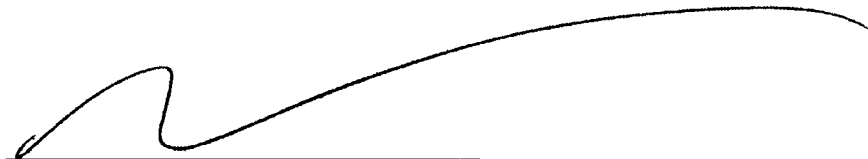
WHEREAS, the Town of Cramerton has adopted a Stormwater Master Plan to improve stormwater runoff and stream health within the Town; and

WHEREAS, the Town of Cramerton, as a member of the South Fork River Health Committee, seeks to find ways to improve the health of the South Fork River and its tributaries: and

WHEREAS, Gaston County Natural Resources has announced their intent to apply for a stream restoration grant to restore the stream banks of this unnamed tributary to the South Fork River;


NOW THEREFORE, BE IT RESOLVED that the Town of Cramerton Board of Commissioners endorses Gaston County Natural Resources applying for the Department of Environmental Quality, Division of Water Infrastructure's ARPA Stormwater Grant for a stream restoration project along the unnamed tributary of the South Fork River within the property limits of Central Park.

This the 1st day of September, 2022

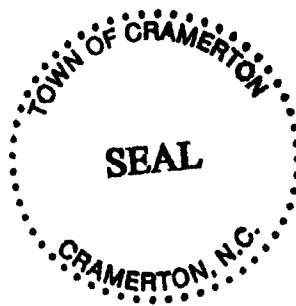


Mayor Nelson Wills

ATTEST:



Wilene Cunningham, Town Clerk





Gaston County

Gaston County
Board of Commissioners
www.gastongov.com

Natural Resources

Board Action

File #: 22-378

Commissioner Worley - Natural Resources - To (1) Approve a Resolution Authorizing Gaston County Natural Resources to Submit an ARPA Stormwater Grant Application for the NC Division of Water Infrastructure, Stormwater Infrastructure Investments Grant Program to Construct the Cramerton Central Park Stream Restoration Project; (2) Approve the Acceptance of the Grant Funds (Subject to Grant Award) and Authorize the Necessary FY23 Budget Ordinance Amendments (**Approx. \$275,674**)

STAFF CONTACT

William Wier, PE - Gaston County Natural Resources Engineer - 704-922-4181

BUDGET IMPACT

If awarded the grant an increase in federal grant revenues and expenditures of \$275,674.

BUDGET ORDINANCE IMPACT

If awarded amend the 2022-2023 annual budget ordinance to recognize, receive, and appropriate an increase to Natural Resources in the amount of \$275,674.

BACKGROUND

The NC Division of Water Infrastructure will award approximately \$82 million in American Rescue Plan Act funding for stormwater projects through its competitive funding process from the newly created Local Assistance for Stormwater Infrastructure Investments (LASII) program. Funds are available for cities, counties, regional councils of government and nonprofit partners for construction and planning projects that will improve or create infrastructure for controlling stormwater quantity and quality.

The Project includes the design and construction of restoring a 980 linear foot section of stream in Central Park in the Town of Cramerton, converting 260' of existing drainage ditches to a nature based solution of runoff conveyance, and replacing an undersized culvert within the park.

This stream restoration will reduce streambank erosion, reconnect the floodplain, and improve water quality runoff by implementing natural streambank design and processes in order to promote resilience, reduce peak flow rates, and minimize pollutants.

(Continued on Page 2)

DO NOT TYPE BELOW THIS LINE

I, Donna S. Buff, Clerk to the County Commission, do hereby certify that the above is a true and correct copy of action taken by the Board of Commissioners as follows:

NO.	DATE	M1	M2	CBrown	AFrale	BHovis	KJohnson	TKeigher	TPhilbeck	RWorley	Vote
2022-303	09/27/2022	AF	TK	A	A	A	A	A	AB	A	U

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Laserfiche Users

A=AYE, N=NAY, AB=ABSENT, ABS=ABSTAIN, U=UNANIMOUS

Commissioner Worley - Natural Resources - To (1) Approve a Resolution Authorizing Gaston County Natural Resources to Submit an ARPA Stormwater Grant Application for the NC Division of Water Infrastructure, Stormwater Infrastructure Investments Grant Program to Construct the Cramerton Central Park Stream Restoration Project; (2) Approve the Acceptance of the Grant Funds (Subject to Grant Award) and Authorize the Necessary FY23 Budget Ordinance Amendments (**Approx. \$275,674**)

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Approval of this Board Action & Resolution (1) Authorizes the Application and (2) subject to grant award, approves the acceptance of the funds and authorizes the necessary budget transfers to appropriate the funds. The budget transfers will be reported to the Board of Commissioners on the County Manager's monthly Budget Transfers Report. In the event the award amount is less than projected, and a County match is necessary, the grant award will be brought to the Board of Commissioners for acceptance and match approval.

POLICY IMPACT

N/A

ATTACHMENTS

Resolution; Application; Maps