Instructions Sheet

DWR Water Resources Development Grant Application For State & Local and NRCS-EQIP Projects - Spring 2025 Cycle

Please complete Checklist sheet and enter information into yellow cells in each labeled sheet listed below. Complete *In-Kind Budget Notes* for any budget item where an In-kind amount is listed in the Budget sheet.

- Contact Information
- Project Information
- Project Narrrative
- Treatments
- Benefits & Evaluation Criteria
- Project Budget
- In-Kind Budget Notes

NOTES & INSTRUCTIONS

Applicants are strongly encouraged to read the most revent version of the *State & Local Guidelines or NRCS-EQIP Grant Guidelines* documents that can be viewed and/or downloaded from the grant website below prior to completing this application.

A complete Application Submittal consists of all of the required items listed on the Checklist sheet.

Supplementary documentation (reports, photos, letters of support, etc.) are not required but can be provided as separate attachments via email. Additional documentation is required for Feasibility Studies & NRCS-EQIP Stream Restoration Projects.

The submittal shall consist of at least two Adobe pdf documents labeled as *Map(s)* and *Signed Documents* (resolution, conflict of interest). A third pdf labeled as *Supplementary Documents* (reports, data, letters of support, etc.) can be provided but is not required.

This application form will become part of the DEQ Contract documentation should a project be recommended for funding by DWR. Please make sure all information contained is accurrate and complete.

Applicant must be a unit of local government. **Primary Contact** is Applicant's representative responsible for project oversight and contract administration. **Project Supporter** is any additional organization or individual who has provided a Letter of Support for the application.

Applicant or Primary Contact shall include a letter of support on official letterhead of any organization listed as a *Project Supporter* on the *Project Information* sheet.

A scaled conceptual plan/map is required that should directly reflect the proposed locations of all project elements listed in the Project Narrative and Treatment sheets.

The required *Official Resolution* and *No Conflict of Interest* forms can be downloaded from the grant website below.

Some data entry cells in the following sheets have a dropdown list to select a specific category. Other cells have a red arrow in the upper right corner to hover over for viewing additional guidance.

To Create Adobe PDF Document of this Application For Your Records: File> Print> Select *Microsoft Print to PDF* or *Adobe PDF* under Printer> Select *Entire Workbook* under Settings> Print

For additional information, please see Water Resources Development Grant website below or contact Grant Administrator Amin Davis at 919-707-9132 / amin.davis@deq.nc.gov

https://www.deq.nc.gov/about/divisions/water-resources/water-resources-grants/water-resources-development-grant-program

When all sheets of this application are complete please save and email this Excel file, along with all supplementary application submittal elements to: amin.davis@deq.nc.gov

Any modifications to the content or formatting of this form without the prior consent of the DWR Grant Administrator are strictly prohibited by NC DEQ.

DWR WATER RESOURCES DEVELOPMENT GRANT APPLICATION - SPRING 2025

Checklist Certifications

	STATE & LOCAL PROJECTS	
Included	**Required Items**	**File Format**
☑	All Required Application Sheets Completed	Excel File
☑	Scaled Project Location & Conceptual Plan Maps	Pdf (preferred), Jpeg
☐	Completed & Signed Official Resolution Form	Pdf
☐	Completed & Signed Conflict of Interest Certification	Pdf
☐	DEQ-Approved Agency Conflict of Interest Policy	Pdf
☐	Geotagged Photos Per *WRDG Guidelines For Taking Geotagged Digital Photos*	Jpeg, Upload to Filesharing Website
☐	Signed & Notarized No Overdue Taxes Form	Pdf
☐	Letter of Commitment (Feasibility Studies & WB Recreation Land Acquisitions Only)	Pdf
☐	Basis For Claimed Value of Land Transfer (Land Transfers Only)	Pdf
☐	Request For Payment of Appropriation Form (Special Appropriations Only)	Pdf
	Supplemental Items (Not Required)	
☐	Letters of Support	Pdf
☐	Relevant Data, Reports, etc.	Pdf
☐	Multimedia (Videos, Drone Imagery, etc.)	Upload to Filesharing Website
	Please click all relevant check boxes above to indicate item is included	

	NRCS-EQIP STREAM RESTORATION PROJECTS	
Included	**Required Items**	**File Format**
☐	All Required Application Sheets Completed	Excel File
☐	Scaled NRCS Conservation Plan Map	Pdf (preferred), Jpeg
☐	Scaled Conceptual Restoration Plan With Practice Codes	Pdf (preferred), Jpeg
☐	Signed & Completed Official Resolution Form (Grantee)	Pdf
☐	Signed & Completed Resolution Affirmation (Co-Grantee)	Pdf
☐	Signed & Completed No Conflict of Interest Certifications (Grantee & Co-Grantee)	Pdf
☐	DEQ-Approved Agency Conflict of Interest Policies (Grantee & Co-Grantee)	Pdf
☐	Signed & Notarized Updated FY No Overdue Taxes Form (Grantee & Co-Grantee)	Pdf
☐	Signed NRCS-CPA-1155 or 1156 Conservation Plan or Schedule of Operations	Pdf
☐	Eligible Practices Spreadsheet (If Non-Eligible Stream Practices on 1155 or 1156)	Excel File
☐	Geotagged Photos Per *WRDG Guidelines For Taking Geotagged Digital Photos*	Jpeg, Upload to Filesharing Website
	Please click all relevant check boxes above to indicate item is included	

PROJECT CERTIFICATIONS	
Yes ☐ No ☐ N/A ☐	Project includes other state or federal grant funding
Yes ☐ No ☐ N/A ☐	All sources of non-federal and federal matching funds have been listed on the Budget sheet
Yes ☐ No ☐	Applicant has read the WRDG Fall 2023 Grant Guidelines document
Yes ☐ No ☐	Project is associated with an existing environmental permit requirement, enforcement action or compensatory mitigation.
Yes ☐ No ☐	NRCS-EQIP Only: Project includes NC Land & Water Funding (formerly known as Clean Water Management Trust Funding)
	Please click all relevant check boxes above to indicate item has been addressed

DWR WATER RESOURCES DEVELOPMENT GRANT APPLICATION - SPRING 2025

Contact Information Sheet

Provided by Grant Administrator	**Applicant** is the local government representative with signatory authority who will sign *Resolution, No Conflict of Interest Form & DEQ Contract*. **Please Add Title after name for all contacts listed**. Ex: Jane Doe, Mayor; John Doe, Board Chair. **Applicant** must have signatory authority (i.e., Mayor/Town Manager/ Chairperson of Council or Board/Commissioner.) **For projects involving a county Soil & Water Conservation District, please include the name and contact information of the current Board Chairperson and designate as the Applicant.**	Select **Applicant** for eligible unit of local government representative with signatory authority who will sign *Resolution, No Conflict of Interest Form*. Select **Contract Signatory** for person signing DEQ contract & contract amendments. Select **Primary Contact** for Applicant's Grant Contract Administrator; representative responsible for project oversight and management. Select **Payment Contact** for who will receive Applicant's reimbursement payments. Select **Engineer/Consultant** if assisting Applicant with contract administration or responsible for any portion of project not implemented by local government staff. Select **Project Supporter** for any organization or individual who has provided a letter of support for the project.	**At a minimum there shall be at least four entries made along Rows 3-6 below for Applicant, Contract Signatory, Primary Contact, & Payment Contact.** One person can serve two roles (i.e., Primary Contact/Contract Administrator & Consultant/Engineer). There can be two Primary Contact/Contract Administrators listed. Information entry for additional project team members is encouraged but not required.			State Abbreviation			Phone Extension (If Applicable)		Information is not required here but supplementary information about any Contact can be entered below. If Non-Governmental Organization Representative (Engineer/Consultant, Non-Profit) will serve role as Primary Contact for Applicant, please indicate here.
WRDPG_Prj_ID	**Contact_Name**	**Contact_Type**	**Contact_Agency**	**Contact_Address**	**Contact_City**	**Contact_State_Abbr**	**Contact_Zip**	**Contact_Phone**	**Contact_Phone_Ext**	**Contact_Email**	**Notes**
	Chris Roberts - Manager of Engineering	Applicant	Town of Chapel Hill	6850 Millhouse Rd	Chapel Hill	NC	27516	(919) 969-5091		croberts@townofchapelhill.org	
	Lance Norris - Director of Public Works	Contract Signatory	Town of Chapel Hill	6850 Millhouse Rd	Chapel Hill	NC	27516	(919) 969-5100	5117	lnorris@townofchapelhill.org	
	Robert Gehris - Engineer - Stormwater/ Public Works	Primary Contact/Contract Administrator	Town of Chapel Hill	405 Martin Luther King Jr Blvd	Chapel Hill	NC	27514	(919) 969-5086		rgehris@townofchapelhill.org	
	Chad Brown - Capital Projects Manager	Payment Contact	Town of Chapel Hill	6850 Millhouse Rd	Chapel Hill	NC	27516	(919) 969-5122		cbrown@townofchapelhill.org	

DWR WATER RESOURCES DEVELOPMENT GRANT APPLICATION - SPRING 2025

Project Information Sheet

Provided by Grant Administrator	Project Name. Please include name of nearest waterbody in Project Name for stream restoration projects. For Phased projects, please include Phase ID at the end of the Project Name. Example: Big Creek Stream Restoration-Phase II.	Select from the choices below using pull-down arrow.	DWR Funding Request No Entry Needed Auto-calculated From Budget Sheet	Total Project Cost No Entry Needed Auto-calculated From Budget Sheet	Most recent date this application was completed or revised (mm/dd/yr)	Latitude In decimal degrees format (35.12345) based on approximate center portion of project area.	Longitude In decimal degrees format (-78.12345) based on approximate center portion of project area.	**Last Four Digits of Applicant's** Nine-Digit Federal Tax ID #	**NRCS-EQIP Projects Only: Last Four Digits of Co-Applicant's** Nine-Digit Federal Tax ID # (For Receiving Reimbursement Payments)			If project is not on a named waterbody please list that here. If project is on a named waterbody please list that here.	DWR Riverbasin	
WRDPG_Prj_ID	**WRDG_Name**	**Eligible_Purpose**	**Amount Requested**	**Project_Cost**	**Application_Date**	**Latitude_DD**	**Longitude_DD**	**Applicant_Tax_ID**	**NRCS_EQIP Tax_ID**	**County**	**Nearest_Municipality**	**Nearest_Named_Waterbody**	**River_Basin**	**Ecoregion**
	Glen Lennox Streambank Stabilization	Stream Restoration	$95,000.00	$190,000.00	06/30/25	35.91645	-79.023807	5852		Orange	Chapel Hill	Little Creek	Cape Fear	Piedmont
		EP_Short	**Typical Projects, But Not Limited To...**											
		Stream Restoration	Stream restoration, stream/shoreline stabilization, dam&aquatic barrier removals											
		Water-Based Recreation	Trails, greenways, structures including land acquisition & development											
		Water Management	Stormwater control measures (BMPs), drainage, flood control											
		Feasibility/Engineering Study	Hydrologic Study, Water Management Plan, Watershed Improvement Plan											
		NRCS EQIP Stream Restoration	Stream restoration projects on agricultural lands											
Weblinks		EQIP North Carolina				Google Maps	Google Maps				Google Maps	NC 2020 Integrated Report Map	NC River Basins Map	Ecological Address Map

DWR WATER RESOURCES DEVELOPMENT GRANT APPLICATION - SPRING 2025

Project Narrative Sheet

Provided by Grant Administrator	**One or two sentence Project Scope of DWR Funding Request**. Example: Stabilize/restore 2,500 linear feet and plant 5 acres of riparian area along Little Creek; Construction of a bioretention cell to treat ~ 1.5 acres of stormwater runoff originating from ABC Plaza; Construction of 5,000 linear feet of greenway along Little River.	Brief description of the overall Project Scope (what's being proposed) & justification (why it's being proposed). For stream restoration & water management projects, justification should briefly state what the impairment being addressed is, and how the project will specifically address the impairment. **For Phased projects please first describe what phase of project grant funds are currently being requested for, then describe how this phase fits into the overall project phasing. Project plan map(s) should reflect project phasing accordingly.** Additional supplementary documentation (i.e., conceptual plans, reports, etc.) should reflect phasing, if applicable, and shall be provided as separate attachments as part of application submittal.	Brief description of Existing Site Conditions, Land Use Within & Immediately Adjacent to Project Area. **For NRCS-EQIP projects mention the type of agricultural operation: hay, horticulture, crop type, livestock (cattle, hog, poultry, etc.), combination, etc.**
WRDPG_Prj_ID	**Project_Scope_Applicant**	**Project_Scope_Need**	**Existing_Conditions**
	Stabilize approximately 550 linear feet of stream bank - an unnamed tributary draining to Little Creek. Proposed streambank stabilization efforts consist of removal of existing 11-ft wide concrete channel, installation of root wads and rock vanes for energy disipation and bank stabilization, and removal of existing invasive vegation from the stream nak, and planting of native vegetaion through the adjacent riparian area (approximately 0.96 acres of riparian area)	The Town of Chapel Hill has partnered with a local mixed-use development to coordinate restoration of this portion of stream. The Owner of the development has prepared a temporary construction easement for the Town to restore approximately 550 linear feet of intermitent stream. The stream currently exists as a concerete lined channel, with a sparsely planted riparian buffer. Project grant funds are being requested to assist with permitting, demolition, and construction of the stream restoration and riparian planting	Existing stream exists as an 11-ft wide concrete channel, approximately 550-ft long. The upstream culvert and headwall are in good condition, but significant erosion is present in the banks. Downstream culvert and headwall appear to be functional, erosion and invasive vegetation present at downstream headwall. Land use within immediately vicinity of stream is low-density/ single-family residential.

Treatments Sheet

Provided by Grant Administrator	Select from Treatment Type below. Please list all treatment types separately associated with project.	Enter number associated with correct units based on (units) of Treatment Type selected in Column B	Latitude in decimal degrees format (35.12345) based on *Latitude/Longitude* column below	Longitude in decimal degrees format (-78.12345) based on *Latitude/Longitude* column below	Please enter supplementary information in this column for treatments listed based on **Guidelines** in chart below.
WRDPG_Prj_ID	**Treatment Type**	**Treat_Len/Area**	**Latitude_DD**	**Longitude_DD**	**Treatment_Note**
	Streambank Stabilization (lf)	550.00	35.91701	-79.02326	Concrete lining to be removed & intermittent stream channel restored (550 LF)
	Riparian Buffer Plantings/Restoration (ac)	1.12	35.91701	-79.02326	Invasive vegetation removal & native plantings - 48,900 sq. ft (1.12 ac)

	Eligible Purpose	**Treatment Type**	**Treatment Length/Area**	**Latitude/Longitude**	**Guidelines**
	All	**Feasibility/Engineering Study**	Enter units for the type of Eligible Purpose and/or Other Treatment Type study is supporting	approximate center of project area	**Can summarize primary treatment type(s) for entire project area based on eligible purpose(s).** Must be for subsequent implementation of an eligible project. Per NC Administrative Code, "In the case of a local government water resources project where the department thinks a preliminary feasibility study or engineering study is necessary to more accurately determine project costs and/or benefits and/or scale of development, the department may provide up to 50% state funding of such studies." **A committment letter from the Applicant shall be included with the application submittal indicating the proposed project implementation timeline from completion of the feasibility study."**
	Stream Restoration	**Aquatic Barrier Removal**	Length of stream made accessible to **upstream** aquatic life passage by dam or barrier removal (Miles)	downstream end of structure or project	Under 'Notes' above please list each barrier removal separately and indicate **type** of barrier (culvert pipe, earthen dam, concrete dam, debris, etc.), **barrier dimensions** (width x length and height), proposed **removal method** (partial breach, complete removal, etc.) and accessibility distance estimation method (GIS, CAD, etc.). If additional stream restoration proposed please list Stream Restoration as a separate Treatment Type above in Column B.
	Stream Restoration	**Land Acquisition**	Area of riparian land acquired and protected (Acres)	approximate center of acquired property area	Land acquisition associated with stream restoration. Under 'Notes' in Column F above please include whether land transfer is fee simple, easement or other type.
	Stream Restoration	**Livestock Exclusion**	Area of riparian buffer protected (Acres)	approximate linear midway point of fencing	Under 'Notes' in Column F above please include: 1.) **Calculation method** used to estimate acreage. Example: average riparian buffer width (feet) X fence length (feet). 2.) **Configuration**: one or both sides of stream/waterbody.
	Stream Restoration	**Riparian Buffers**	Area of riparian buffer planted or restored with native vegetation (Acres)	approximate centroid of continuous buffer area	Under 'Notes' in Column F above please include: 1.) **Calculation** used to estimate acreage. Example: average buffer width (in feet) X length (linear feet). 2.) **General Composition:** native vs exotic; herbaceous, woody shrubs, and/or small trees. 3.) **Configuration**: one or both sides of stream/waterbody.
	Stream Restoration	**Shoreline Stabilization**	Length of shoreline stabilized using bioengineered, nature-based methods (Linear feet)	downstream extent of project	Under 'Notes' above please list 1.) **Dimensions** in length and width (feet). 2.) **Composition** (oyster sills, rock, plantings, engineered, etc.). See **https://www.livingshorelinesacademy.org/** for what constitutes a living shoreline.
	Stream Restoration	**Stream Crossings**	Area of stream crossing (Square feet)	downstream extent of structure	Under 'Notes' above please indicate: **Type of structure** proposed (bridge, culvert pipe, hardened ford, etc.). 2.) **Dimensions** in length and width. 3.)**Status:** (new or replacement) for each crossing. **Each crossing should be listed as a separate treatment.**
	Stream Restoration	**Stream Restoration/ Stabilization/ Enhancement**	Length of stream restored, stabilized or enhanced (Linear feet)	downstream extent of project	**Treatment Type:** Stream improvement using bioengineered or natural channel design methodologies. Please select 'Stream Restoration', 'Stream Stabilization' or 'Stream Enhancement' per the *Restoration Types* section in the latest version of the NC Land & Water Fund's Applicant Funding Manual Restoration Program (**https://nclwf.nc.gov/restoration-funding-manual/open**). **Banks:** under '*Note*' in Column F mention whether work will occur along one or both streambanks. **Structures:** individual instream structures do not need to be listed as a treatment type except for instream crossings (see *Stream Crossings* section in row above). **Only the proposed length of improvements should be listed for areas along the reach where work is proposed**.
	Water-Based Recreation	**Land Acquisition**	Area of land being acquired to support water-based recreation (Acres)	approximate center of parcel or project area	Land acquisition and facility development for water-based recreation sites **operated by local governments**. Under 'Note' in Column F above please include whether land transfer is fee simple, easement or other type.
	Water-Based Recreation	**Recreational Facilities**	Area of recreational structure constructed (Square feet)	approximate center of infrastructure	Dock/Pier, Water/Watercraft Access Structure, etc. **For Boardwalks**: under 'Note' in Column F list 1.) **Dimensions** in length and width (feet). 2.) **Composition** (wood, hog slats, etc.). 3.) **Configuration**: average height above ground surface. **Recreational Support Infrastructure:** list total impervious surface and/or disturbed area from driveways, parking lots, buildings, other supporting infrastructure.
	Water-Based Recreation	**Trail Construction**	Length of recreational trail constructed (Linear feet)	start of trail	Under 'Notes' above please indicate: 1. **Dimensions:** proposed trail width and length (feet). 2.) **Surface**: asphalt, natural surface, gravel, screenings, combo, etc.
	Water Management	**Stormwater Control Measures**	Drainage area or storage volume treated by the stormwater control measure (Square feet or Acre-feet)	location of SCM outlet or approximate centroid of inundated area	List 1.) **Type** of nature-based SCM proposed (bioretention cells, constructed wetlands, green roofs, planter boxes, permeable pavements, rain gardens, rainwater harvesting (rain barrels or cisterns), regenerative stormwater conveyance, rooftop disconnection, urban tree canopy, etc. For flood reduction projects designed to store flood waters, treatment area should be reported in acre-feet. 2.) **Area** of SCM footprint (Square feet).
	Water Management	**Wetland Treatments**	Area of jurisdictional wetland being restored or enhanced (Acres)	approximate centroid of wetland boundary or location of water control structure	Restoration of formerly jurisdictional wetlands or enhancement of partially jurisdictional wetlands associated with flood reduction or stormwater management. If applicable, each water-control structure would be listed as a separate treatment. Creation of floodplain pools or impoundments in non-jurisdictional areas are considered constructed wetlands and should be listed as a *Stormwater Control Measure*.

DWR WATER RESOURCES DEVELOPMENT GRANT APPLICATION - SPRING 2025

Benefits Evaluation Criteria

Provided by Administrator	Numbers in ( ) below represent maximum score for each criteria. A maximum of 25 additional points will be added by Program Administrator based on Benefits to State Owned Properties, Financial Resour		
WRDPG_Prj_ID	**Economic Benefits (15)**	**Social Benefits (15)**	**Environmental Benefits (25)**
	- Improved Community Resiliency: The project stream drains to Little Creek, which is a surface water with a FEMA delineated floodway and floodplain. Removing the existing concrete channel and installing streambank stabilization measures will help slow peak flows from runoff events, improving the flood resiliency of the downstream community. - Reduced infrastructure costs: The existing concrete channel is dated, and portions of the bottom slab are starting to deteriorate and allow stream flows to undermine the existing concrete. Restoring the stream channel with vegetated banks will reduce up-front replacement costs and long-term maintenance costs.	- In Authorized Planning Document: Stream restoration will allow Town to fulfil a Planning stipulation of the Glen Lennox Land Development Agreement, executed in 2014. - Collaborative Partnerships/ Stakeholder engagement: The property Manager of the surrounding community has prepared a temporary construction and maintenance easement. If the Town is awarded grant funding, the Property Manager will dedicate this easement to the Town. Upon completion of the streambank restoration efforts, the Town shall maintain the riparian area for a 2-year period. This Property Manager will resume management of the stream and riparian buffer at the end of the 2-year period.	Drainage/ Flooding: The project stream drains to Little Creek, a stream with a FEMA delineated floodway and floodplain. As climate change increases the frequency of flooding events, communities have a responsibility to take steps to improve runoff conditions of upstream drainage areas to reduce impacts on downstream floodzones to ensure future flood waters do not exceed the mapped flood elevations. Converting this stream from a concrete-lined channel into a vegetated channel with natural cover along its banks will help slow down flows from heavy storm events. Proposed rock vanes and root wads will reduce the energy from the stream's flow, and provide stability to the stream bank as vegetation is established. Aquatic & Terrestrial Habitat Improvement: Once the existing concrete channel is removed, streambank stabilization measures, including root wads and rock vanes, are proposed to improve the stability of the streambank. Riparian Buffer Restoration: Portions of the existing stream's southern bank are overrun with invasive vegetation; other portions of the riparian buffer are minimally vegetated or eroding. A mix of native shrubs, trees and grasses is proposed to restore the riparian buffer.
Examples	Discuss Economic Benefits such as: Economic Development, Eco-tourism, Local Job Creation/Retention, Improved Community Resiliency, Increased Property Values, Improved Retail Sales, Infrastructure/Property Loss Mitigation, Reduced Energy/Operation Costs, Reduced Development Costs (LID), Reduced Drainage Infrastructure Costs, Reduced Maintenance Costs, Water Conservation/Reuse.	Discuss social benefits related to this project such as: ADA/Universal Design Standards, Collaborative Partnerships/Stakeholder Engagement, Community Development & Revitalization, Environmental education/STEAM (Signage,Tours, etc.), Addresses Documented Env. Justice Concern, Improved Aesthetics, Improved Community Resiliency, Improved Physical Fitness/Recreation, Improved Public Health, Improved Safety, Reduced Noise Pollution, In Authorized Planning Document and/or Area, Within/Connectivity to Significant Cultural or Natural Heritage Area.	Discuss environmental benefits of this project such as: Air Quality, Aquatic Passage, Drainage & Flooding, Climate Resiliency (Carbon Sequestration, Urban Heat Island Regulation, Water Temperature Regulation), Effectiveness Monitoring, Environmental Stewardship, Floodplain Reconnection, Aquatic & Terrestrial Habitat Improvement, Groundwater Recharge, Habitat Reconnection, Invasive Species Removal, Natural Area Conservation/Preservation, Nutrient Reduction, Pollutant Reduction, Riparian Buffer Restoration, Sediment Reduction, Streambank/Shoreline Stabilization, Stormwater Attenuation, Water Conservation/Reuse.
Evaluation Scoring	Maximum points for demonstration that project will provide multiple economic benefits.	Maximum points for demonstration that project will provide multiple social benefits and/or if specific project identified in planning document.	Maximum points for demonstration proposed project will address a documented environmental problem, improve/protect a valuable resource area or enhance environmental resiliency (see weblinks below). Examples for project areas include: Headwater area, 303(d) listed or Impaired Waterbody Parameter, DWR Nutrient Management Strategy, Public Water Supply or Water Supply Watershed, in existing Watershed Improvement Plan, Adjacent to existing/proposed Watershed Improvement Project (WIP), Within same 12-digit HUC of existing/proposed WIP, Rare Species or Habitat/Significant Natural Heritage Area.
Website Resources	Eco-tourism	ADA Standards for Accessible Design	Ecosystem Services Toolkit for Natural Resource Management
	Economic Benefits of Green Infrastructure	DEQ Environmental Justice	EPA How's My Waterway
	WRDG Additional Resources Documents	EENC What Is Environmental Education?	NCLWF Manual Primary Resource Benefits (p 6-12)
		EnviroAtlas Eco-Health Relationship Browser	NRPA Green Infrastructure Benefits Tool
		One Water Storytelling & Culture	WRDG Additional Resources Documents

Benefits Evaluation Criteria

ces & Regional Benefits			
Environmental Impacts (20)	**Regional Benefits (10)**	**Financial Resources (10)**	**State-owned Land Benefits (5)**
Vegetation Removal - Existing invasive vegetation along the stream's southern bank will be removed before native species are planted. Land Disturbance & Riparian Buffer Disturbance Potential impacts include 1.2 acres of land disturbance, disturbance of 550 linear feet of intermittent stream, and disturbance of roughly 42,000 sq. ft of adjacent riparian buffer. The existing concrete channel does not currently show signs supporting of aquatic life. Efforts taken to minimize/mitigate these impacts: Design and permitting to ensure proposed work is conducted according to state regulations will occur early in the project. The site and stream banks will be delineated prior to starting construction. Temporary erosion control measures and pump-around will be installed prior to removing the existing concrete channel. Disturbed areas will be limited only to those areas necessary to complete the project. The riparian buffer areas within the project's limit of disturbance will be reseeded/ planted with native vegetation upon completion of grading activiites. Rock vanes and roots wads are proposed help stabilize the stream bank as native vegetation is established. Long Term Maintenance: To ensure riparian buffer vegetation is adequately established, the Town of Chapel Hill has committed to maintaining the stream and riparian area for a 2-year period following completion of the restoration work. After the 2-year period, the landowner will take over maintenance of the area.	- Water Supply Benefits: The project stream is within the Jordan Lake Water Supply Watershed WS-IV-PA). Restoring natural streambank conditions will contribute to a reduction in flow rates and pollutant transport, ultimately providing benefits to the downstream water supply.	The project is located immediately downstream of the Glen Lennox neighborhood, which includes 440 affordable housing units. The downstream confluence of the project stream and Little Creek occurs immediately downstream of the Town of Chapel Hill's S Estes Drive public housing community, consisting of 44 two-, three-, and five-person rowhomes	Project is not located on State-owned property. Project is located within the Jordan Lake Watershed
Discuss potential environmental impacts of the project such as: Aquatic Habitat Disturbance, Land Disturbance, Impervious Surface Addition, Riparian Buffer Disturbance, New Stream Crossings, Vegetation Removal, etc. Also discuss how impacts will be minimized such as: delineation and avoidance of environmentally-sensitive areas, surface waters & wetlands; ecologically-designed crossings to promote upstream aquatic passage (bridges, bottomless culverts, etc.); integration of Low-Impact Development design principles; incorporation of green stormwater infrastructure; minimal ground disturbance (i.e., timber mats)/tree clearing; stream pump-arounds during construction, use of previously cleared/disturbed areas for construction staging, etc. Longterm Maintenance Agreements can help reduce impacts over time.	Discuss regional benefits such as: direct benefits to a water supply, regional onsite educational workshops, green/blue-trail connectivity, etc.	Discuss if project is located in an Economically Distressed/ Disadvantaged/ Underserved Neighborhood or Community. Also discuss any Leveraged Funding Sources if applicable. 'Leveraged' means if there are more than two funding sources listed in the FUNDING SOURCES SUMMARY of the Budget sheet.	Discuss if project is located within/adjacent to a State-owned property and how project would provide a direct benefit.
Maximum points for demonstration that multiple impact mitigation items have been addressed and that project will result in minimal environmental impacts in the project area or adjacent areas. Maximum points are given for multiple low-impact development or green infrastructure elements that are incorporated into a project.	Maximum points for demonstration that the project will provide benefits to an area greater than the jurisdiction/service area of the local sponsoring agency.	Maximum points for demonstration that the project will benefit an underserved community within a Tier I County.	Maximum points for demonstration that the project will provide multiple direct benefits to State-owned lands and properties.
Low Impact Development: A Guidebook for North Carolina	NC Regional Councils of Government	CEQ Climate & Economic Justice Tool	NC State Property Office Public Search Site
Middle Fork New River Restoration Prioritization Plan		County Tier Designations	
NCDOA Environmental Assessment Guidelines (p 5-6)		DEQ Community Mapping System	
NCWRC Green Growth Toolbox (Sections 3-5)		EPA EJSCREEN Tool	

DWR WATER RESOURCES DEVELOPMENT GRANT APPLICATION - SPRING 2025

Budget Sheet

Project Name: Glen Lennox Stream Restoration **Date:** 9/30/2025

			DWR	Local Match	Other Non-Federal Match	Federal Contribution	Local + Other Non-Federal Match Total	Category Total
2.1%	**Administration**							
		Cash	2,000.00	1,200.00			$1,200.00	$3,200.00
		In-kind		800.00			$800.00	$800.00
7.9%	**Design**							
		Cash	7,500.00	7,500.00			$7,500.00	$15,000.00
		In-kind					$0.00	$0.00
13.2%	**Permitting**							
		Cash	12,500.00	12,500.00			$12,500.00	$25,000.00
		In-kind					$0.00	$0.00
6.1%	**Survey**							
		Cash	6,000.00	5,500.00			$5,500.00	$11,500.00
		In-kind					$0.00	$0.00
8.7%	**Construction Materials**							
		Cash	9,000.00	7,500.00			$7,500.00	$16,500.00
		In-kind					$0.00	$0.00
16.8%	**Plant Materials**							
		Cash	17,000.00	15,000.00			$15,000.00	$32,000.00
		In-kind					$0.00	$0.00
1.4%	**Construction Oversight**							
		Cash					$0.00	$0.00
		In-kind		2,750.00			$2,750.00	$2,750.00
41.6%	**Construction**							
		Cash	41,000.00	38,000.00			$38,000.00	$79,000.00
		In-kind					$0.00	$0.00
1.1%	**Education**							
		Cash		2,000.00	0.00	0.00	$2,000.00	$2,000.00
		In-kind					$0.00	$0.00
1.2%	**Monitoring**							
		Cash			0.00	0.00	$0.00	$0.00
		In-kind		2,250.00			$2,250.00	$2,250.00
0.0%	**Land**							
		Cash	0.00	0.00	0.00	0.00	$0.00	$0.00
		In-kind					$0.00	$0.00
		Cash Sub-total	$95,000.00	$89,200.00	$0.00	$0.00	$89,200.00	$184,200.00
		In-kind Sub-total		$5,800.00	$0.00	$0.00	$5,800.00	$5,800.00
		Total	$95,000.00	$95,000.00	$0.00	$0.00	$95,000.00	**$190,000.00**

DWR Total =	**$95,000.00**	**Local + Non-Fed Total =**	**$95,000.00**	Non-Federal % =	**100.00%**
DWR Non-Federal Match % =	**50.00%**	**Local + Non-Fed % =**	**50.00%**	Federal % =	**0.00%**

DWR WATER RESOURCES DEVELOPMENT GRANT APPLICATION - SPRING 2025

In-Kind Budget Notes

Provided by Grant Administrator	Category	Guidelines	In-Kind_Description	Quantity_ Materials	TotalRate	Total_Hours	Total_Costs
WRDPG_Prj_ID							
	Administration	Eligible administration costs include the direct labor costs associated with progress reporting, reimbursement requests, and project scope, budget and schedule management. Costs not eligible for reimbursement include sales tax, audits, direct phone costs, direct postage costs, grant recipient's overhead (indirect) cost, including, rent, utilities, insurance costs, facility costs, general office, general phone and general postage costs.	Administrative assistant ($49,582/yr). Assume 5% escalation each year		$ 27.27	32	$ 872.64
	Design	Enter estimated labor costs (Rate x Hours).	By consultant				$ -
	Permitting	Enter estimated labor costs (Rate x Hours).	By consultant				$ -
	Survey	Enter estimated labor costs (Rate x Hours).	Survey by consultant.				$ -
	Construction Materials	Quantity x Unit Rate. Project signage is an eligible expense. See 'In-kind Equipment/Materials' sheet under Reimbursement Instructions link on WRDG website.	By contractor				$ -
	Plant Materials	Quantity x Unit Rate. See 'In-kind Equipment/Materials' sheet under Reimbursement Instructions link on WRDG website.	By contractor				$ -
	Construction Oversight	Enter estimated labor costs (Rate x Hours).	Town Engineering Inspector ($60,407/yr). Assume 5% escalation each year		$ 33.22	80	$ 2,657.91
	Construction (Time)	Enter estimated labor costs (Rate x Hours).	By contractor				$ -
	Construction (Equipment/Materials)	Quantity x Unit Rate. See 'In-kind Equipment/Materials' sheet under Reimbursement Instructions link on WRDG website.	By contractor				$ -
	Education	Enter estimated labor costs (Rate x Hours). Providing tours, signage, etc. See https://independentsector.org/resource/value-of-volunteer-time/ to assist with estimating value of volunteer time.					$ -
	Monitoring	Effectiveness monitoring to demonstrate ecological uplift or other project success criteria (water quality/quantity, vegetative survival, etc.).	Stormwater specialist ($60,407/yr) - every 3 months for 24 months. Assume 5% escalation each year		$ 33.22	64	$ 2,126.33
	Land	**The value of land/easements can be used as In-Kind match if acquired or donated expressely for the project, not land currently owned by the local government or with easements currently in place. Submittal of a completed *Basis For Claimed Value of Land Transfers* form is required as part of this grant application for land transfers if claiming as an In-Kind contribution, or land acquisition associated with a Water-Based Recreation project.** Copies of land valuation and transfer documentation are required to be submitted as part of the reimbursement process after the land transfer has been completed. Required documentation includes: a current certified appraisal, HUD Settlement Statement, conservation easement deed or official municipal GIS valuation showing the current property tax valuation assessed by the County Tax Assessor's Office. Appraisals are required for land transfers if the total value of any given parcel exceeds $100,000. The appraisal shall be performed by an independent certified appraiser acceptable to, and consistent with regulations and/or policies of the State Property Office (SPO). **Please refer to the *Land Acquisitions and Transfers* section of the most recent version of the *WRDG Reimbursement Request Instructions* for more information.**					$ -
					Total In-kind Contributions		**$ 5,656.88**