

Funding for Watershed Planning and Restoration Projects

205(j) Grant for Water Quality Planning

- Eligible projects: Planning work to improve water quality
- Eligible applicants: Regional councils of governments, which may partner with any public sector entity
- Typical projects include (but are not limited to):
 - Developing 9 Element Plans
 - Stormwater infrastructure mapping
 - BMP siting/prioritization



- Applications due in September of each year
- Typical award ~\$20,000
- Projects must be completed in 12-18 months
- Match recommended, but not required
- In 2017, 60% of applicants were funded

Sample of Current 205(j) Grant Projects

- Developing 9-Element Watershed Restoration Plans (Beaufort, East Fork New River, Cross Creek)
- Mapping storm water infrastructure in Newport and educating HOAs about stormwater infrastructure maintenance
- Prioritizing stormwater BMPs on 4 school campuses in Pitt and Beaufort Counties
- Informing/engaging citizens on watershed restoration projects prioritized in recently completed Eden Area Watershed Plan

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NC Department of Environmental Quality, Division of Water Resources

Example 205(j) Grant Project: Cross Creek 9-Element Watershed Plan Fayetteville, NC

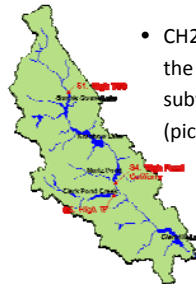
Project Partners: Triangle J Council of Governments (TJCOG), Sustainable Sandhills, American Rivers, the Cape Fear River Assembly, the City of Fayetteville, and the Fayetteville Public Works Commission (PWC)



Cross Creek 12-digit HUC

- 9-Element watershed plans are best suited for 12-digit hydrologic unit codes (HUCs)
- TJCOG is developing a plan for the Cross Creek 12-digit HUC watershed
- However, previous investigations and data are limited, and include sparse analyses from smaller subwatersheds in various configurations.

- Data will be compiled from:
 - Ecosystem Enhancement Program assessment of 14-digit HUCs in the Cape Fear River Basin
 - City of Fayetteville stormwater sampling
 - Fayetteville PWC water quality sampling



Pollutant "Hot Spots"

- CH2M assessment of the Little Cross Creek subwatershed (pictured left)

- GIS datasets, such as land use, land cover, topography, soils, etc.

The final report in December will summarize existing information, identify data gaps, and provide action items for future research to complete the plan.



Cross Creek subwatersheds

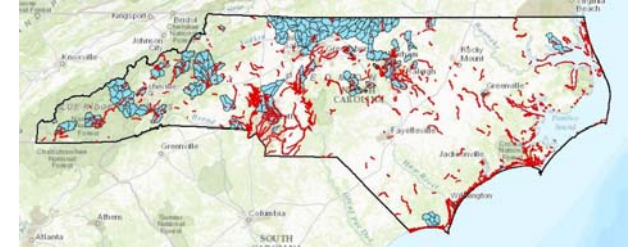


City of Fayetteville municipal subwatersheds

319 Grant for Watershed Restoration

- Eligible applicants: state agencies, local governments, universities, and nonprofits
- Eligible projects: Must contribute to restoring an impaired waterbody where a 9-Element Plan has been approved
- Typical projects:
 - Stormwater best management practices
 - Agricultural best management practices
 - Stream restoration projects

Eligible Project Locations: Impaired Waters and 9-Element Watershed Plans



- Applications due in April of each year
- Typical award ~\$75,000-\$100,000
- Projects must be completed in 3 years
- 40% match required

Sample of Recent 319 Grant Projects



Rain Garden



Regenerative Stormwater Conveyance



Alternative water source for cattle



Stream restoration