



NORTH CAROLINA
DEPARTMENT OF AGRICULTURE & CONSUMER SERVICES

LINVILLE RIVER RESTORATION PROJECT UPDATE September 25, 2019



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for the citizens of North Carolina*





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In-channel work was completed September 18, 2019



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In-channel structures include:

- Low-water thalweg (deeper center channel)



Viewing upstream from bridge

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- Low-water thalweg (deeper center channel)



Viewing downstream from bridge

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- Low-water (ford) crossing



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- Boulder
J-hook to
set grade
and
maintain
low-water
crossing



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Toewood (brush bank) that represents both a riverbank erosion buffer and aquatic habitat



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A riffle-pool-glide sequence for habitat diversity



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Amphibian ponds adjacent to the river



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Log and Rock J-Hook



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Log vane and toewood



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Stabilization including the application of erosion matting, native grass seed and straw



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Alder salvage plantings for river bank stability



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Alder salvage plantings trimmed for regrowth



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What is still needed (short-term):

- Planting – Live staking, bare root seedlings and salvage seedlings from Gill State Forest
- Fishing/hiking trail and information kiosks development and construction
- Biomonitoring of macrobenthos/fish





What is still needed (long-term):

- Planting – Native grass seed, live staking, bare root seedlings and salvage seedlings during 2020/2021
- Biomonitoring of macrobenthos/ fish in 2022
- Monitoring the in-channel structures and riverbank for bankfull events





LRRP Contact Information:

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NCFS Social Media

- FaceBook - <https://www.facebook.com/NCForestService>
- Twitter - <https://twitter.com/ncforestservice>

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