

MULTI-AREA STREAMBANK RESTORATION

STATE PROGRAM: North Carolina Department of Environmental Quality

ASSISTANCE RECIPIENT: City of Hendersonville

ASSISTANCE AMOUNT: \$2.98M



PROJECT DESCRIPTION

The City of Hendersonville received a \$2.98 million CWSRF Green Reserve loan at zero percent interest for the Multi-area Streambank Restoration project. The project will restore 13 sections of urban streams, along with their associated vegetative buffers, to promote stormwater quality and improve the quality of Mud Creek, an impaired water body. Approximately 11,000 linear feet of urban streambanks will be restored, 1,000 linear feet of sewer line that is threatened by streambank erosion will be rehabilitated, and a stormwater Best Management Practice (BMP) with educational features will be installed in the City's Patton Park which is adjacent to a tributary of Mud Creek.

The stormwater BMP in Patton Park will consist of modifying an existing stormwater pond that has become turbid and turn it into a wetland. The proposed wetland will not only improve the overall quality of Mud Creek but will also be used as a public outreach and educational opportunity for the City.

To read more about this case study, please visit https://www.epa.gov/sites/default/files/2021-02/documents/2020_pisces_compendium.pdf.