



Pond Creek Stream Restoration Friendship, TN November - February, 2006

Pond Creek in Crockett County, Tennessee, resembled a straightened ditch. The Pond Creek watershed had been altered significantly by straightening the creek, draining the land for agriculture and building up miles of levees. Because proper functioning of these levees were important to the livelihood of adjacent landowners (both upstream and downstream of the site), an agreement was negotiated to rebuild the levees further away from Pond Creek.



A section of private property was acquired by the West Tennessee River Basin Authority to provide space to recreate floodplain access, increase sinuosity, improve in-stream habitat, and reestablish native riparian buffers. Project designers were able to restore stability, reduce flood velocities, improve water quality, enhance aquatic habitat, increase flood capacity and restore riparian buffer function of the creek. As a result, the West Tennessee River Basin Authority could use the site to demonstrate how stream restoration in conjunction with levee setbacks can benefit not only landowners, but also the environment.

As a sub-contractor EcoGro was hired to install sediment control structures, erosion control blanket, crimped straw mulch as well as native grass, wildflower and annual cover crop seed. The project restored nearly ½ mile of stream and created nine acres of floodplain.

Project Reference: Contact EcoGro

Funding Source: TN Stream Mitigation Program & TDEC West Tenn. River Basin Authority



Key Features:

- Filtrexx® compost-based sediment controls
- Biodegradable erosion control blanket
- Native plants
- Riparian buffer

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