

Brown's Creek Stabilization/BMP Implementation
#4100081224
Greene County Conservation District

Project Description

The Conservation District worked with three landowners in the Upper Brown's Creek Watershed to stabilize streambanks and implement agricultural best management practices.

Project Goals

The goal of this project was to reduce sediment and nutrient loads in streams of the Upper Brown's Creek watershed.

Project Results

We stabilized 2,500 feet of Patterson Creek and 680 feet of Brown's Creek. We installed 8,416 feet of fencing along streams and wood lots on two farms. We completed eight spring developments and installed two stabilized stream crossings. Modeling suggests that these improvements will yield load reductions of sediment, nitrogen and phosphorous.

Parameter	Modeled Reduction
Sediment	53,795 lb./yr.
Nitrogen	73 lb./yr.
Phosphorous	26 lb./yr.



Project Costs

The total cost of this project was \$307,621.60. Growing Greener provided \$207,484.00. Of those grant funds, \$201,132.10 went directly to on-the-ground construction. The remaining \$6,351.90 covered Conservation District staff time on this project.

Lessons Learned

The key lesson we learned on this project is to make certain that the landowners we work with are committed and able to continue with the project.

Partners

We worked with Partners for Fish and Wildlife on this project

Contact Information

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