

**Buffalo Creek Stream Restoration Site II**  
**C990001684**  
***Western Pennsylvania Conservancy***

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**PROJECT DESCRIPTION**

Buffalo Creek is a tributary to the Allegheny River, located in Armstrong and Butler County, Pennsylvania. Project partners have been collaborating for several years to continue working with landowners to reduce the sediment loads within the watershed through the installation of in-stream habitat and stream bank stabilization devices on Buffalo Creek.

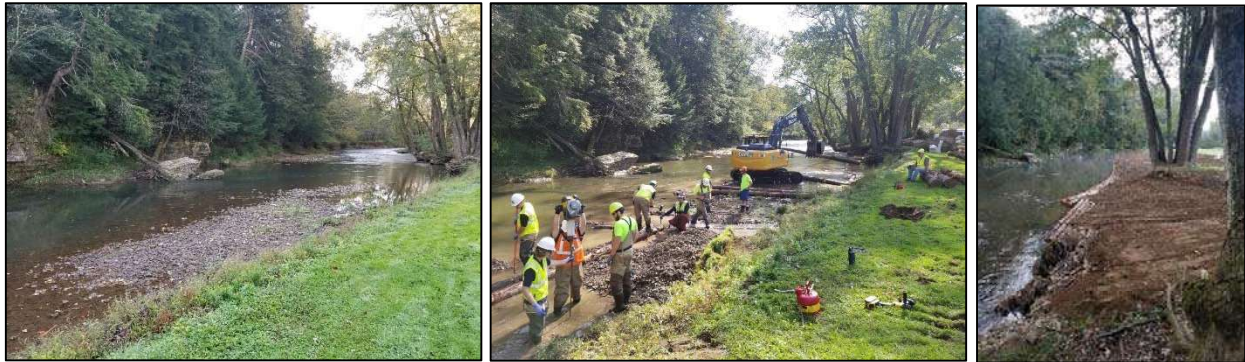
**PROJECT GOALS**

The primary goal of this project was to reduce sediment to improve water quality in Buffalo Creek. Approximately, 2,350 feet of excessively-eroding stream banks were stabilized to reduce sediment and nutrient pollution within the watershed. Partners worked collaboratively to install devices to immediately protect and stabilize the eroding banks and add valuable fish habitat to this heavily-used public stocked-trout fishery.

**PROJECT RESULTS**

Through the completion of the stream bank restoration project, project partners stabilized 2,350 feet of stream banks to restore more than 1,500 linear feet of Buffalo Creek by constructing 46 in-stream habitat devices built with natural materials, such as logs and stone.

**PICTURES**



**PROJECT COSTS**

Growing Greener grant monies used to construct the project totaled \$79,734. Partners contributed \$16,000 in matching funds and in-kind services, for a total project cost of \$95,734. The project was successful due to the generous support of the Butler County Conservation District, Armstrong Conservation District, PA Fish and Boat Commission, and Buffalo Valley Sportsmen Club.

**LESSONS LEARNED**

This project has demonstrated the potential to continue this vital watershed restoration work in the Buffalo Creek watershed through partnerships and public outreach. The results of these restoration efforts in the watershed have inspired other landowners to improve public fishing areas and improve water quality through additional planned restoration projects.

**PARTNERS**

Project partners included Buffalo Valley Sportsmen Club, PA Fish and Boat Commission, Butler County Conservation District, Armstrong Conservation District and Western Pennsylvania Conservancy who assisted landowners with the design, permitting, fundraising, and construction of the project.

**CONTACT INFORMATION**

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