

Little Lehigh Creek Watershed Enhancement  
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Lehigh County Conservation District

**Project Description**

Streambanks along the Leibert Creek Watershed were stabilized using instream structures, regrading, and riparian buffer plantings. Banks were experiencing extreme erosion and dangerous downcutting, causing sedimentation in the stream, flooding, and creating dangerous conditions.

**Project Goals**

The goal was to stabilize 2,180 feet of streambank and plant 1.5 acres of riparian buffers along the banks with native shrubs, trees, wildflowers, and grasses. were to remove various invasive plant species along the riparian corridor and to replace it with native plants, shrubs, wildflowers, and grasses.

**Project Results**

2,180 feet of streambanks were stabilized and 25 fish habitat structures were installed. 500 native trees and shrubs were planted over 1.5 acres. 50 pounds of native seed was planted. The project will result in a reduction of approximately 120 tons of sediment per year.

**Before and After**



**Project Costs**

The total project cost \$99,803.04 of which \$78,659.40 came from Growing Greener grant funding.

**Lessons Learned**

The project execution was smooth and there were minimal issues. Project partners have a long history of successful projects and community volunteers made the project possible.

**Partners**

Lehigh County Conservation District, Pennsylvania Fish and Boat Commission, Wildlands Conservancy, Borough of Emmaus, Community volunteers

**Contact Information**

Caitlin Mercier, Watershed Specialist-Lehigh County Conservation District

[cmmercier@lehighconservation.org](mailto:cmmercier@lehighconservation.org)