



# Lancaster Township Floodplain Restoration

Landscape Architecture | Stormwater Management BMPs | Stream and Floodplain Restoration

## Project Description

LandStudies, Inc. collaborated with another consultant on the improvements to a 4.75 acre estate in Lancaster Township. LandStudies, Inc. proposed a stream restoration to improve the ecological diversity and create a regenerative stormwater system to address stormwater management requirements associated with property improvements. The stormwater management plan created a more functional natural system that incorporates floodplain restoration and provides enhanced water quality and aesthetic value.

Completed in September 2011, the project restored 535 linear feet of stream and reconnected the stream channel to the floodplain to improve water quality. 1,300 native plugs and over 150 native shrubs and trees were also installed.

The project will also serve as an environmental education opportunity for local schools as an outdoor classroom.

## Services

Landscape Architecture | Geomorphology | Engineering | Permitting

**Client:** Private Resident  
**Location:** Lancaster Township, PA  
**Special:** Lancaster Township is the first Township in Pennsylvania to approve Floodplain Restoration as a Stormwater BMP (BMP 6.7.4 of the Pennsylvania Stormwater BMP Manual).



Before



After



(717) 627-4440  
315 North Street  
Lititz, PA 17543  
[www.landstudies.com](http://www.landstudies.com)