

National Showcase Watersheds



Millport Conservancy Comprehensive Restoration Lititz Run Watershed



Warm Season Grass Meadow



Dam Removal to restore fish passage and eliminate thermal pollution source

Abstract

Project name/location: Millport Conservancy Comprehensive Restoration

Comments: The Conservancy is committed to ecological restoration of the 40 acre property.

Principal Funding Organization: Pennsylvania Department of Environmental Protection / EPA 319

Partnerships in Completion:

- Donegal Chapter of Trout Unlimited
- Pennsylvania Fish and Boat Commission
- Pennsylvania Dept. of Env. Protection
- Lancaster County Conservation District
- United States Env. Protection Agency
- Chesapeake Bay Program
- Alliance for Chesapeake Bay
- Chesapeake Bay Foundation
- Millersville University
- Millport Conservancy
- Pheasants Forever
- United States Fish and Wildlife Service - Partners For Wildlife
- LandStudies, Inc.
- Project Steward or Contact Person: Mark Gutshall; LandStudies, Inc.

Funding & Construction:

Name: Mr. Mike Sherman, Pennsylvania Department of Environmental Protection Type
Organization: State Government

Address: Rachel Carson State Office Bldg. P.O. Box 8775, Harrisburg, PA 17105-8554
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Website Link/E-mail: <http://www.dep.state.pa.us>

Total Funding Required: \$200,000
Additional Funding needed: \$100,000
Beginning Date of Project: 1996
Beginning Date of Construction: 1996
Ending Date of Construction: 2000
Size of Project: Approximately 20 acres
Area of Wetland: 5 acres
Area of Warm Season Meadow: 15 acres
Length of Stream Corridor: 1 mile

Project Purpose & Implementation

Restoration Goals/Objectives

- Dam Removal / Restoration of Fish Passage
- Reduced Thermal Pollution
- Stabilization of Pond Sediment
- Created Wetlands
- Restored Warm Season Grass Meadows
- Restoration of stream channel
- Improve Aquatic Habitat
- Streambank Stabilization
- Restoration of Native Plant Communities
- Exotic and Invasive Weed Control
- Restore Stream's access to Floodplain

Project Characteristics and Land Use

Project is located in the middle section of the watershed and serves as an important wildlife habitat and open space area for the community. The Conservancy's property is zoned conservation land. A masterplan for the entire conservancy was prepared to address natural resource restoration and land management.

Lessons Learned

Regulatory agencies need to implement a permitting process that expedites comprehensive restoration projects by avoiding piecemeal permitting requirements regardless of the amount of funding secured.

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Partners in the Watershed Effort Lititz Run Watershed

Partner	Role
Lititz Run Watershed Alliance http://www.landstudies.com/LRWA.html	Citizens group dedicated to improving water quality.
LandStudies, Inc	Professional Watershed Management Consulting
Lancaster County Conservation District	Agricultural Coordination
Donegal Chapter of Trout Unlimited http://www.patROUT.org	Water/Land Conservation/In-kind Labor
PA Dept. of Env. Protection	Water Resource Data (Existing)
Penn State Extension	Water Resource Data / Education
Natural Resource Conservation Service	Personnel and technical resource/Agricultural lands
Lancaster County Planning Commission (Water Resource Division)	Personnel and technical resources
Lancaster County GIS Department	Resource Mapping
Lancaster Farmland Trust	Opportunity for receiving areas

Lancaster County Conservancy

Easement coordination

Municipalities

Local coordination

Warwick School District

Data Collection / Environmental Education

[Warwick Township](#)

Local government coordination Data
Collection / Education Outreach

Millersville University

Chesapeake Bay Foundation

Youth Education Facilitation

Alliance for Chesapeake Bay

Water Quality / Education

[Millport Conservancy](#)

Natural areas management

[Brubaker Agronomic Consulting
Service](#)

Nutrient management plans

League of Woman Voters

Water Quality Background/County Presence

[Borough of Lititz](#)

Community and governmental involvement and
leadership