

National Showcase Watersheds



**Baum Farm
Lititz Run Watershed**



Baum Farm Before



Baum Farm After

Abstract

Project name/location: Baum Farm - Agricultural Best Management Practices

Comments: Dairy farmer improving water quality while improving efficiency of his farming operation

Principal Funding Organization: Chesapeake Bay Program

Partnerships in Completion:

Pennsylvania Department of Environmental Protection / EPA 319

Lancaster County Conservation District

Donegal Chapter of Trout Unlimited

United States Fish and Wildlife Service - Partners for Wildlife

Chesapeake Bay Foundation

Project Steward or Contact Person: Jim Saltsman - Lancaster County Conservation District

Funding & Construction:

Name: Don Robinson, Administrator

Type Organization: County Government

Address: 1383 Arcadia Road Rm 6 Lancaster, PA 17601

Telephone: 717-299-5361

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Total Funding Required: \$40,000

Additional Funding needed: N/A

Beginning Date of Project: 1998

Beginning Date of Construction: 1998

Ending Date of Construction: 1999

Length of Stream Corridor: 1200 feet

Project Purpose & Implementation

Restoration Goals/Objectives

- Improve water quality by Reduce Nutrient Runoff
- Restore stream channel geometry
- Stabilize streambanks
- Stream Fencing with Designated Cattle Crossings
- Covered Manure Stacking Facility
- Separation of rain water from Barnyard Runoff
- Install Drainage System for Barnyard and Paddock Area

Project Characteristics and Land Use

Dairy farm is located in the lower reaches of watershed and is surrounded by a mix of Amish, Mennonite and 'English' Farms.

Lessons Learned

Be persistent with your message. It took this landowner 4 years before he committed to the project. Farmers upstream and downstream from him restored their streams 3-5 years prior to this project.