

# Agricultural BMP's for the Bulls Head Branch Watershed

Project Funded through  
Section 319(h) Nonpoint Source Management Grant

The Agricultural Best Management Practices for the Bullsheds Branch Watershed Project addressed non-point source pollution on three farms in the watershed. The Cumberland County Conservation District was encouraged by the participation in this project. Each year it seems that more landowners recognize environmental concerns on their farms and are willing to work with the District to solve the issues.

We moved some money around in the budget to be able to pay more to the landowners and the Conservation District received less for the efforts in completing the project. The following table is a breakdown of the expenses and the match amounts contributing to the project.

	Expenses	In-Kind/Match
<b>Sponsor Salaries/Benefits</b>	\$897.62	\$381.60
<b>Travel</b>	\$307.08	\$0.00
<b>Equipment and Supplies</b>	\$0.00	\$0.00
<b>Administration</b>	\$3.60	\$0.00
<b>Contractual</b>	\$0.00	\$0.00
<b>Construction</b>	\$38,903.70	\$40,742.39
<b>Other</b>	\$0.00	\$0.00
<b>Total</b>	<b>\$40,112.00</b>	<b>\$41,123.99</b>

## BMP Installation Summary

<b>Farmer 1</b>	<b>\$3,612.17 spent</b>
<b>Animal Numbers</b>	<b>Acreage</b>
42 Dairy Cows	123
12 Calves	
13 Heifers	
1 Horse	

**BMP's Installed**

- Heavy Use Area Protection(4627 ft<sup>2</sup> concrete barnyard)
- Milkhouse Waste Transfer
- Sediment Basin
- Barnyard Runoff Control(120 ft curb)

*Area is prepared to pour concrete in a heavy use area.*



<b>Farmer 2</b>	<b>\$23,425.50 spent</b>
<b>Animal Numbers</b>	<b>Acreage</b>
50 Beef	64
	<b>BMP's Installed</b>
	Heavy Use Area Protection(2800 ft <sup>2</sup> concrete barnyard)
	Manure Storage Structure
	Roof Runoff Management(70 ft spouting)
	Fence



*Heavy use area concreted to reduce runoff*

<b>Farmer 3</b>	<b>\$11,866.03 spent</b>
<b>Animal Numbers</b>	<b>Acreage</b>
86 Dairy Cows	120
43 Calves	
61 Heifers	
2 Beef	
	<b>BMP's Installed</b>
	Manure Storage Structure



*Manure storage structure in near completion*

## **Project Partners**

This project was completed through partnerships with many organizations. They include the Capital Region Senior Environment Corps, Natural Resources Conservation Service, Cumberland County Conservation District, and the Conodoguinet Creek Watershed Association. We would like to thank DEP, EPA, and USDA for their support of this project. Funding for this project was provided by the Department of Environmental Protection through Section 319 of the federal Clean Water Act administered by the Environmental Protection Agency.