

Juniata BMP Implementation/Technical Assistance
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Western Pennsylvania Conservancy

PROJECT DESCRIPTION Through this project, we reduced nutrient and sediment loads by installing agricultural best management practices (BMPs) and stabilizing eroding streambanks. Overall, we installed two manure storage facilities, 3,835 feet of streambank fencing, four stream crossings, 10.3 acres of riparian forest buffer, and two grazing systems. We also stabilized 3,020 feet of eroding streambank. Project timeframe: December 7, 2017 through December 31, 2021.

PROJECT GOALS The goal of this project was to reduce nutrient and sediment loads and improve water quality in the Juniata River watershed and the Chesapeake Bay.

PROJECT RESULTS Through this project, we installed multiple agricultural BMPs, planted 10.3 acres of riparian forest buffer, and stabilized 3,020 feet of streambank. We also reduced sediment loads by 166.3 tons/year, nitrogen loads by 5,457.2 pounds/year, and phosphorus loads by 477.8 pounds/year (FieldDoc application).

Project Type	Sediment Load Reduction	Nitrogen Reduction	Phosphorus Reduction
AG BMPs	86.2 tons/year	5,457.2 pounds/year	477.8 pounds/year
In-Stream Stabilization	80.1 tons/year	N/A	N/A



Biddle Manure Storage



Krider Stream Restoration

PROJECT COSTS \$192,551.38 Growing Greener Grant and \$105,540 matching funds

LESSONS LEARNED Having a strong partnership helped to make the project run smoothly and efficiently.

PARTNERS Pennsylvania Fish and Boat Commission, Partners for Fish and Wildlife, USDA Natural Resources Conservation Service, Pennsylvania Department of Conservation and Natural Resources, Bedford County Conservation District, Blair County Conservation District, and Huntingdon County Conservation District

CONTACT INFORMATION Western Pennsylvania Conservancy, Jennifer Farabaugh at jfarabaugh@paconserve.org