

319 NPS Program Project #2005
Grantee: Indiana County Conservation District

PROJECT DESCRIPTION: The South Branch Plum Creek (SBPC) watershed is roughly 40 square miles and dominated by agricultural land use with its primary impairment being siltation. This project was for the design and installation of best management practices (BMPs) on agriculture operations located along the main stem or tributaries that flow to the main stem. The practices installed across the three project locations include: streambank fencing, stream crossing, watering facilities, livestock pipeline, animal trails/walkways, heavy use protection areas, and spring developments. Project timeframe: 10/1/2020 – 6/30/2025

PROJECT GOALS: Reduction of siltation and nutrients that are found in the main stem and headwater tributaries which increases the health of the watershed.

PROJECT RESULTS: The project consisted of three locations. Project 19 on Goose Run, Project 38 on the mainstem, and Project 89 on Leisure Run. See chart for the load reductions for each project.

Site	Pollutant	Reduction
#19	Sediment	2.2 tons/year
	Nitrogen	37.2 lbs/year
	Phosphorus	9.0 lbs/year
#38	Sediment	0.12 tons/year
	Nitrogen	53.79 lbs/year
	Phosphorus	14.11 lbs/year
#89	Sediment	11.82 tons/year
	Nitrogen	117.9 lbs/year
	Phosphorus	22.4 lbs/year

PROJECT COSTS: \$283,871.00

LESSONS LEARNED: Be prepared for the unexpected and it's always good to ground ready projects.

CONTACT INFORMATION: Indiana County Conservation District, Marisa Matlin at m.matlin@iccdpa.org

