

Project Description - The South Branch Plum Creek, a high-quality cold water tributary of the Crooked Creek Watershed located in Indiana County, Pennsylvania, is currently impaired by sedimentation from a history of agriculture land uses and an extensive unimproved road system. Biological surveys and physical assessments found most of the watershed to be impaired and led to the development of a Total Maximum Daily Load (TMDL) for sediment-siltation. The project proposes the implementation of sediment reducing BMPs in the South Branch Plum Creek Watershed, as identified in the S.319 Watershed Implementation Plan for the watershed.

Project Timeframe - October 01, 2016 through June 30, 2021

Project Goals - Reduce sediment-siltation related impairments in agricultural sub-basins and assist farm owners and operators in meeting agricultural compliance requirements.

Pictures



Project Results – Various projects were completed to meet the outlined agricultural compliance goals. A watering system consisting of a spring development, pumping plant and livestock pipeline feeding seven watering facilities, as well as a livestock walkway. In addition, Animal trails and walkway, livestock water facility, livestock pipeline, livestock trough replacement, exterior and interior livestock fencing to increase number of paddocks as per the rotational grazing plan, and an animal crossing were installed.

Project Costs - \$285,092 EPA Section 319(h) plus an additional \$37,000 in matching funds from local donors.

Partners – Private Land Holders.