

Project Description – This project is the fourth of several phases outlined in the restoration of the South Branch of Plum Creek Watershed Implementation Plan (WIP). By implementing on locations identified in the WIP, Indiana County Conservation District (ICCD) is actively working to reduce sediment loading within the watershed in order to meet Total Maximum Daily Load (TMDL) goals. The TMDL was developed in this watershed by PADEP after stream assessments in 2002 determined the watershed was impaired due to excess sediment and nutrients.

Project Timeframe – October 1, 2018 through June 30, 2023

Pictures –



Project Results – Five cross vanes with root wads and seven cross vanes were installed. These log vanes deflect water from the streambank and into the center of the channel. This serves to decrease stress on the streambanks as well as creating aquatic habitats in the scour pools that are formed from the redirected flow. With the installation of these cross vanes, 800 linear feet of streambank was stabilized.

Project Costs - \$61,733 EPA Section 319(h) plus an additional \$52,304 in match funds.

Partners – 10 Million Trees, PA Game Commission, Indiana County Conservation District, and State Conservation Commission.