

**Project Description and Goals** - Reduce sediment and nutrients entering waterways of Bradford County by installing best management practices (BMPs) on up to 2 stream projects. Streambank stabilization practices were to be completed on approximately 1,000 linear feet of stream and were aimed at reducing sediment by 250 tons, annually. Additionally, annual nutrient reduction goals included 250 lbs of Phosphorus and 625 lbs of Nitrogen.

**Project Timeframe** – October 01, 2020 through June 30, 2022

**Pictures** –



**Project Results** – Stream bank rehabilitation occurred on 700 feet of stream. 2 projects were completed and incorporated BMPs including: stream bank rehabilitation using rock rip-rap placement; rock cross vane/constructed riffle; bank grading; riparian forest buffer; and seeding and mulching. Sediment reductions are estimated (using the BANCS model) at 481 tons annually, which corresponds to annual Nitrogen and Phosphorus reductions of 1,058 lbs and 529 lbs, respectively.

**Project Costs** - \$66,314 EPA Section 319(h) plus an additional \$500 in match funds.

**Partners** – Bradford County Conservation District, PA DEP, Private Landowners, and USDA-NRCS