

**Project Goals** - Reduce sediment and nutrients entering waterways of Bradford County by installing best management practices (BMPs) on up to 5 stream projects. Streambank stabilization practices were to be completed on approximately 2,000 linear feet of stream and were aimed at reducing sediment by 700 tons, annually. Additionally, one HUAP project, one spring development, and one acre of riparian buffer was to be installed. Annual nutrient reduction goals included 907 lbs of Phosphorus and 2,267 lbs of Nitrogen.

**Project Timeframe** - September 24, 2018 through August 31, 2022

**Pictures**



**Project Results** – Stream bank rehabilitation occurred on 1,855 feet of stream. 5 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. One spring development was installed and one acre of forested riparian buffer was established. Sediment reductions are estimated (using the BANCS model) at 530 tons annually, which corresponds to annual Nitrogen and Phosphorus reductions of 1,192 lbs and 583 lbs, respectively.

**Project Costs** - \$207,000 EPA Section 319(h) plus an additional \$2,561 in match funds.

**Partners** – Landowners, Bradford County Conservation District