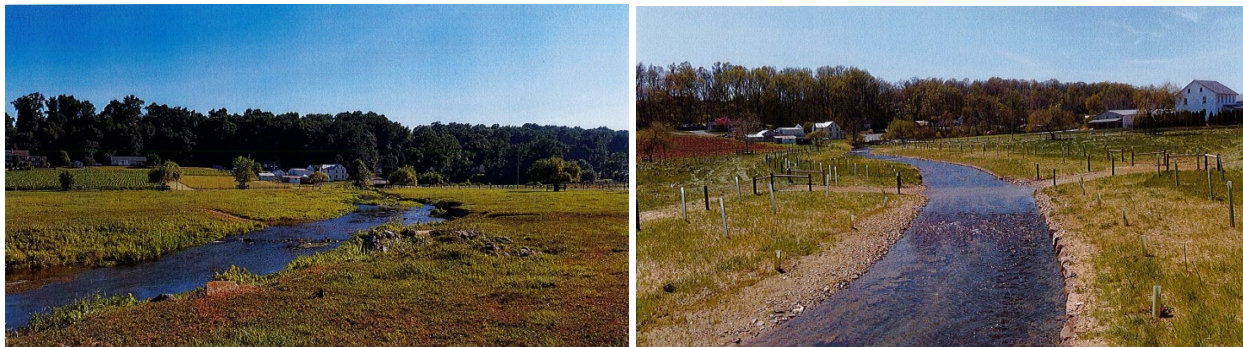


Project Description - The project the Lancaster County Conservation District submitted encompassed implementation of approx. 2,800 linear feet of stream bank stabilization, streambank fencing, and riparian buffer establishment along two impaired sections of the Mill Cr. watershed. The projects are situated on property owned by Joseph Oberholtzer and Steven Lantz and sit along the banks of the mainstem of Mill Creek.

Project Timeframe – October 01, 2020 through July 31, 2023

Project Goals – Anticipated sediment load reduction from the completion of these projects: – 95 tons of sediment reduced/year on the Oberholtzer project (site 8) & 108 tons of sediment reduced/year on the Lantz project (site 159) (total 203 tons of sediment reduced/year). A total with both projects of 2,800 linear ft. of currently eroded stream banks stabilized. Approx. 4,000 ft. of streambank fencing installed and 4.0 acres of riparian buffer created. Aquatic benthic and fish community enhanced through instream habitat improvements

Pictures –



Project Results – Construction work started in mid-November of 2021 and ended toward the end of January 2022. Vertical eroded banks were reshaped (2,500 ft., in-stream habitat was installed (rock vanes, rock cross vanes, root wads, muddills, etc.), vernal pools were created, and a 2 acre, minimum 35 ft. riparian buffer (some spots 50 ft. wide) were planted around the entire site along with streambanks fencing (2,4140 ft.) and a livestock crossing.

Project Costs - \$141,184 EPA Section 319(h) plus an additional \$20,079 in match funds.

Partners – Chesapeake Bay Foundation, Lancaster County Conservation District, US Fish and Wildlife Service, and Volunteers.