

Clearfield CCD – Agricultural Streambank Protection Project

DEP Growing Greener Grant Project Summary

Clearfield County Conservation District

Project Description: In 2020 the Clearfield County Conservation District received a Growing Greener Grant to fund the installation of streamside agricultural best management practices (BMP) on farms to improve water quality in local watersheds and the Chesapeake Bay. In spring of 2022 Clearfield CCD partnered with the Hutton Farm located in Chest Township, Clearfield County to install BMPs to achieve these goals.

Project Goals: Install agricultural best management practices to improve water quality, soil health, and the economic viability of the Hutton Farm.

Project Results: In spring of 2022 Clearfield CCD and contractors installed 1,042ft of 35ft wide streambank fencing, two alternative watering facilities, 129ft x 10ft animal trail and walkway, 1 spring development and pumping plant, and 623ft of livestock pipeline. The combined installation of these BMPs reduces approximately 59.5 tons of sediment, 451lbs of nitrogen, and 33lbs of phosphorous from being transported into the local watershed and the Chesapeake Bay.

Before



After



Project Cost: \$ 21,744.15

Lessons Learned: Clearfield CCD learned that low cost BMPs can still have a high impact on water quality. This project has proven that low-cost alternatives should be prioritized to improve water quality.

Partners: Clearfield County Conservation District, Hutton Farm, PACD Engineering Technicians, NRCS Engineering Staff, BASH Contracting, Leiden Land and Cattle Company.

Contact Information: Clearfield County Conservation District (814)-765-2629 clfdccd@atlanticbbs.net