## Pine Run Agricultural BMP Implementation Growing Greener Watershed Protection Grant #4100080814 Jefferson County Conservation District

**PROJECT DESCRIPTION:** Farms in the Pine Run Watershed contributed to sediment and nutrient impairment as the result of heavy livestock access to streams, lack of manure storages, and a lack of heavy use protection areas. This project implemented agricultural best management practices (BMPs) for 3 farms within the Pine Run Watershed. Practices installed included 3 rotational grazing systems (including streambank fencing and watering systems), 1 stabilized stream crossing, 12.8 acres of a riparian buffer, and 2 roofed heavy use area protections/manure storages. Project timeframe: 05/29/2018 – 3/24/2021.

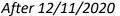
**PROJECT GOALS:** The goals of the project included reducing sediment and nutrient pollution caused by grazing cattle in the Pine Run Watershed.

**PROJECT RESULTS:** Over 1.5 miles of Pine Run was directly protected from manure and sediment runoff from nearly 200 cattle on the farms.

## **PROJECT PICTURES**

Before 12/05/2019







**PROJECT COSTS:** \$482,283.09 Growing Greener Grant, in addition to \$145,195.66 matching contributions from NRCS-EQIP, FSA-CREP, the landowners, Original Fuels Inc., and the Jefferson County Conservation District.

**LESSONS LEARNED:** Any issues that arose (bidding issues, Covid, dramatic rise in cost of supplies) were only obstacles that were overcome through the insight of our numerous partners, patience, and determination.

**PARTNERS:** Jefferson County Conservation District partnered with following agencies/contractors: Farm Service Agency, Natural Resources Conservation Service, Day Contracting, Forsyth Drilling Inc., Lutz Concrete Construction, Andrew Miller Construction, Original Fuels Inc., and Blose Fencing & Excavation

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