

Project Description - Approximately 1,000 feet of the unnamed tributary to Fishing Creek on the Glick farm and 1,500 feet of Chestnut Run on the Yoder farm will be restored to improve water quality and cold-water native trout habitat. The best management practices to be implemented include muddsills, restoration of the floodplain and stream buffer, removal of invasive species, and fish habitat enhancement structures.

Project Timeframe – April 1, 2021 through June 8, 2022

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Project Results

BMP improvements to the Yoder farm include:

- 6 Grade Logs (replacing the planned rock cross vanes
- 230 feet of bank full bench with rock--toe
- 320 feet of muddsill (with the 6 grade logs)
- 50 feet of bank log
- 1250 feet of stream

BMP improvements to the Yoder farm include:

- 9 Grade Logs (replacing the planned rock cross vanes
- 310 feet of bank full bench with rock toe {8)
- 530 feet of muddsill (6)
- 40 feet of rock riffle
- 1685 feet of stream impact

	Nitrogen (lbs./yr.)	Phosphorus (lbs./yr.)	Sediment (tons/yr.)
Glick	58.8	22.19	47.17
Yoder	45.7	17.25	36.66
Total	104.5	39.44	83.83

Project Costs - \$168,683.50 EPA Section 319(h) plus \$5,429.25 in matching funds