

Project Description - The Bogart Barnyard and Manure Storage project is an expansion of the compilation of projects that have been completed in the Beaver Run South Watershed. The Beaver Run has been a primary focal point of the Montour County Conservation District over the last 12 years. The Bogart project will reduce nutrient and sediment runoff from a 50 head finishing beef operation and will be one of the final barnyard projects to complete for full restoration of this watershed. The Bogart project will meet goals established in the Countywide Action Plan, Chillisquaque Creek Watershed Restoration Plan and will fully implement the operations Nutrient Management and Ag Erosion and Sedimentation Plan in an Ag impaired watershed. Recent macroinvertebrate studies have indicated increased sensitive insect life would result in higher IBI score making it possible for sections to remove from the 303d list.

Project Timeframe – December 28, 2022 through August 01, 2026

Project Goals - The goal or purpose of the Bogart Barnyard/ Manure Storage project is to create a stabilized area to feed and collect manure for the purpose of reducing nutrient and sediment runoff from the Animal Concentration Area (ACA). The 50 head cow/calf pairs will generate approximately 1,186 tons of manure annually accounting for 13,046 pounds of nitrogen and 8,302 pounds of phosphorus. Assuming half of this manure is distributed on pasture that is 6,523 pounds of Nitrogen and 4,151 pounds of phosphorus that can run off into the stream. Our goal is to reduce that number through the completion of this barnyard project.

Pictures –



Project Results - Increased pasture acres through a different Growing Greener Grant to help take pressure off the main pasture and to distribute manure and nutrients over a larger area. The main plan was to construct a barnyard and manure storage to keep animals off the pastures from November to May. This will significantly reduce the amount of manure deposited on the pastures and therefore grass could be maintained and uptake nutrients. The Bogart Barnyard and Manure Storage Project consisted of the installation of a 159 X 60 foot roofed barnyard and 50x 46 foot roofed manure storage.

Project Costs - \$345,915 Growing Greener plus an additional \$97,439 in match funds.