

PROJECT: BEEF



LOCATION: HONEY BROOK, PA



BEFORE



PROJECT DESCRIPTION

This project involved installing Best Management Practices (BMPs) on a beef operation with 13 cow/calf pairs. The farmer does an excellent job managing his pastures with a rotational grazing system, but lacked the appropriate infrastructure to properly manage the animals during times when they couldn't be on pasture (i.e. winter months). The cows were confined to a small area outside the barn, which was in the close vicinity of a stormwater basin. This Animal Concentration Area (ACA) was earthen, subject to erosion, and didn't allow for effective removal of accumulated manure.



RESOURCE CONCERNS

- **Animal Concentration Area (ACA)**
 - Earthen, subject to erosion, hard to remove manure, too close to stormwater basin
- **In Field Manure Stacking**
 - In natural drainage area, lack of vegetated treatment area, pervious surface

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COMPLETION DATE: NOVEMBER 2021



AFTER



SERVICES PROVIDED

- Conservation Plan Development
- Site Survey
- Design/Engineering
- Project Bidding
- Construction Checks & Certification
- Project Management



BEST MANAGEMENT PRACTICES INSTALLED

- **Roofed Concrete Barnyard**
 - Impervious & Stabilized Surface
- **Roofed Manure Stacking Pad**
 - Prevent precipitation from contacting manure
 - Eliminate contaminated runoff
- **Diversion**
 - A grass swale to direct stormwater runoff around roofed barnyard and stacking pad

CONSTRUCTION COST: \$175,000