

# PROJECT: BEEF

BEFORE

LOCATION: HONEY BROOK, PA



## 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



# PROJECT: BEEF

AFTER

COMPLETION DATE: NOVEMBER 2021



## SERVICES PROVIDED

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



## BEST 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