



WESTMORELAND AG

Moos-letter

Your Source for Ag Updates!

Reach out to be added to our list!





Common Ag. Conservation BMPs

- Roofed Animal Heavy Use Area
- Solid Manure Stacking Pad
- •Liquid Manure Storage Tank
- •Liquid Manure Reception Pit
- Bunk Silo with Silage Leachate Management
- Milkhouse/Wastewater Transfer
- Manure Composting Systems

- Grassed Waterways or Diversions
- Stabilized Access Roads
- Heavy Use Area Protection
- Culvert/Ford Stream Crossings
- Spring Developments with Watering Troughs
- Terraces



Agriculture Conservation Assistance Program (ACAP)

- •2022-Legislation passed the Clean Streams Fund to create ACAP
 - <u>Purpose</u>: To reduce non-point source pollution in the commonwealth streams, rivers, and waterbodies
 - Westmoreland Allocation totaled \$2,525,644.58
- •FY 2024/2025 ACAP Westmoreland: \$634,921.00 dedicated in the State Budget
 - FY 24/25 ACAP Project Funds: \$507,936.80



Agriculture Conservation Assistance Program

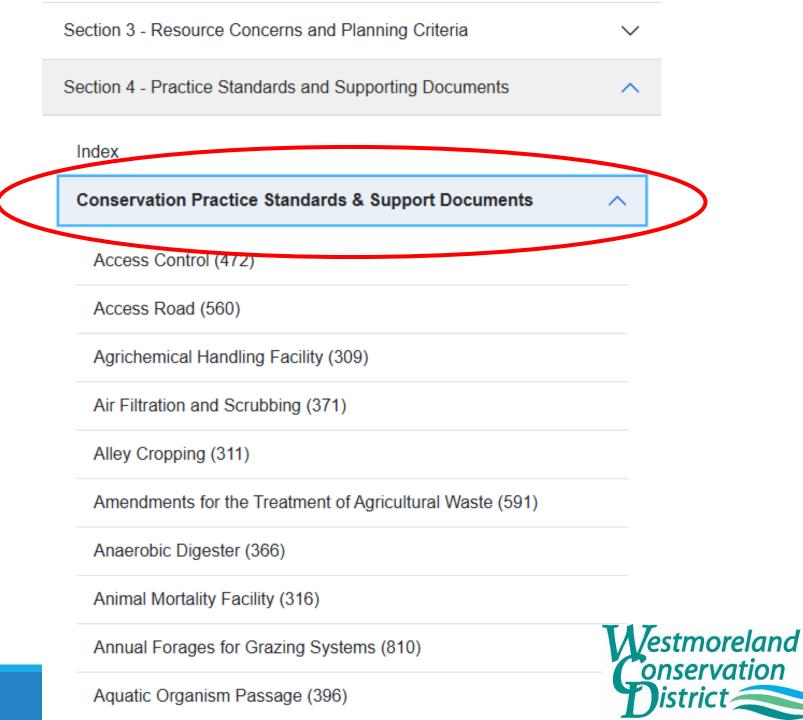
https://www.youtube.com/watch?v=Gr613noOBZA



Design Requirements

Every county may have different requirements for ACAP, however <u>all</u> <u>practices should follow the Natural Resources Conservation Service</u>
 (NRCS) Conservation Practice Standards from the Field Office Technical Guide for Pennsylvania and NRCS National Engineering Handbook

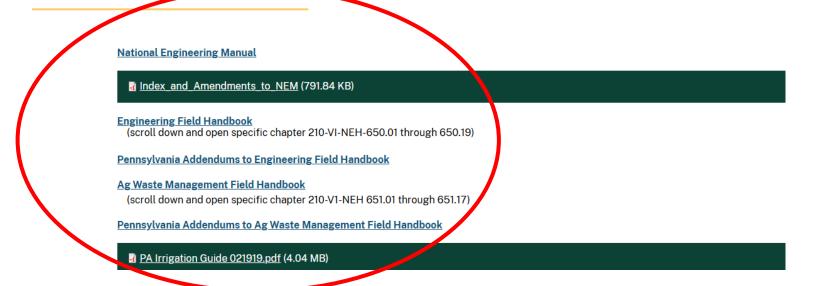




NRCS Manuals and Handbooks with Pennsylvania Addendums

Home > Conservation Basics > Conservation By State > Pennsylvania > NRCS Manuals and Handbooks with Pennsylvania Addendums

Links to the National Engineering Manual, PA manual supplements, the Engineering Field Handbook, PA Addendums, and the PA Irrigation Guide.



https://www.nrcs.usda.gov/conservation-basics/conservation-by-state/pennsylvania/nrcs-manuals-and-handbooks-with-pennsylvania



Ag. Design Considerations

- •What type of livestock does the farmer have?
- •What are the farmers livestock numbers?
- •What is their current manure management?
- •What bedding is being used?
- •How does the farmer feed his livestock?
- •What is the livestock's primary water source?
- •Does the farmer's equipment work for this design?

The more we know about how a farm is managed, the more **functional** the design becomes for the farmer's operational needs.



Regulatory Design Considerations

- Divert all surface water away or around BMP/BMP stormwater design requirements?
- •How much manure storage does the farmer need?
- What are the setbacks to surface waters, wells, public drinking sources, property lines, or roads?
- •What safety concerns need addressed?



DROWING HAZARDI



KEEP OFF SURFACE

DEATH MAY BE IMMEDIATE!

DEADLY MANURE GASES POSSIBLE



er pit **only** with: FLE-CONTAINED AIR SUPPLY

CUE HARNESS. MEHANICAL LIFT, STAND-BY PERSON



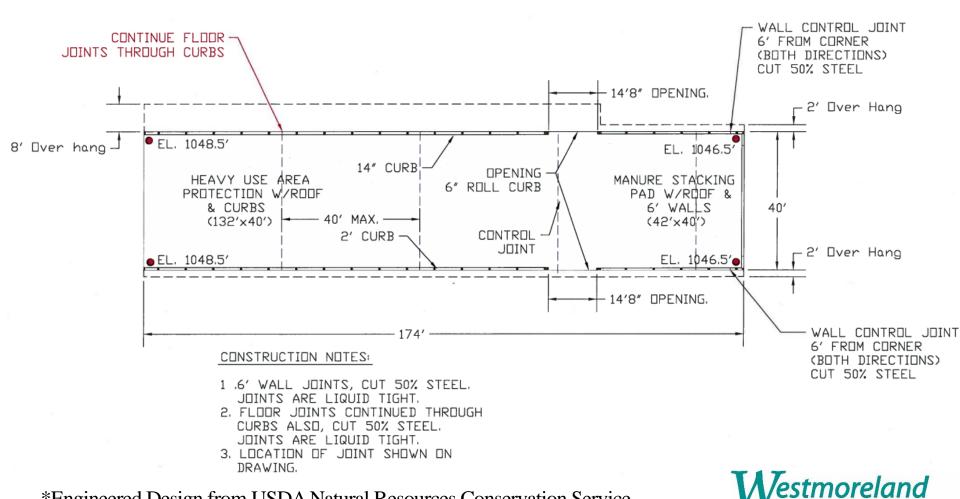
Ag. Conservation Projects







Roofed Animal Heavy Use Area w/ Roofed Waste Storage Facility Beef Cattle



onservation







C. McChesney Farm Improvement Project -Phase 1 2024/10/22 Testmoreland onservation







C. McChesney Farm Improvement Project -Phase 1



C. McChesney Farm Improvement Project -Phase 1 Zestmoreland onservation

C. McChesney Farm Improvement Project - Phase 1







Poole Farm Manure Management Improvement Project

Location: East

Huntingdon Township

Installed: Fall 2024 –

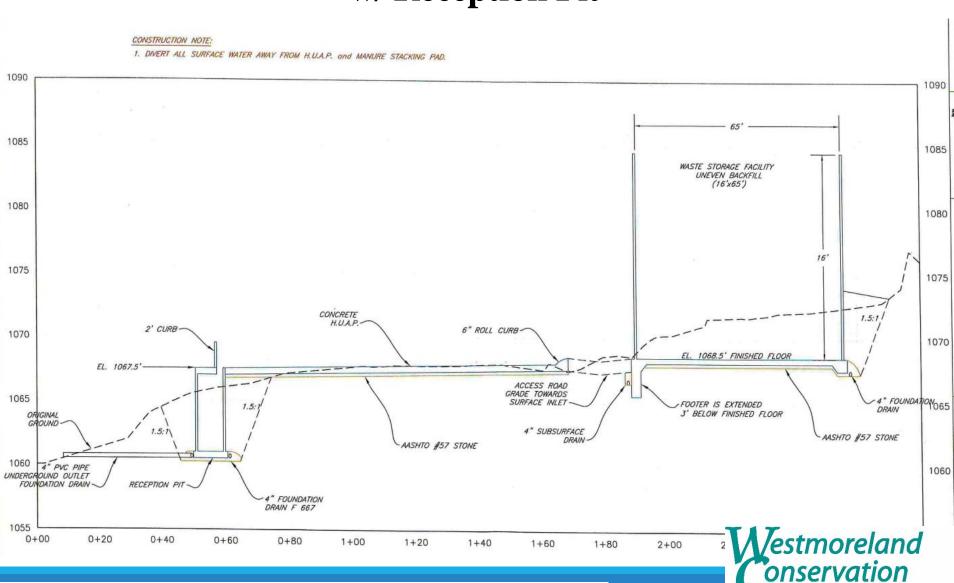
Spring 2025



NRCS EQIP



Liquid Dairy Waste Storage Facility w/ Reception Pit



















Poole Farm Manure Management Improvement Project









How Can You Get Involved?



J. Hoke Roofed Animal Heavy Use Area/Ag BMP Improvements

- •September 2024-Request for proposal (RFP) was advertised and sent out to engineering firms to assist with a roofed animal heavy use area.
- •November 2024-Letter of interest was due and engineer selected/awarded at District Board of Director's meeting
- •December 2024-Pre-design meeting at the farm
- •February 2025-Site survey/Start of design
- April 2025-Goal for a finalized design
- May 2025-Project Bid
- Summer 2025- Project Construction





Resource Concern:

Sediment and nutrient runoff at an animal concentration area.

Recommended BMP:

Roofed animal heavy use area and pasture management improvements

Manure Composting System





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