Expanded Agricultural Inspections in Pennsylvania’s Chesapeake Bay Watershed: 2017-2018 Update
• Review – Existing and new agricultural inspection programs
• Results – Inspection numbers and compliance rates
• Future – Data Collection and Data Management
Expanded Agricultural Inspections

**Existing:** Pennsylvania Nutrient Management Program (Act 38):

- Focus: High animal density and larger scale livestock/poultry operations, such as federally permitted Concentrated Animal Feeding Operations (CAFOs).
- Required compliance: Environmental planning and implementation requirements under DEP Chap. 83 Nutrient Management (Act 38 NMP) regulations and DEP Chap. 92 CAFO regulations.
  - Includes requirements for agriculture erosion and sediment control.

**New:** Chesapeake Bay Agricultural Inspection Program (CBAIP):

- Led by: Department of Environmental Protection and Conservation Districts.
- Focus: Remaining less intensive, smaller scale agricultural operations.
- Required compliance: Environmental planning requirements for DEP Chap. 102 Agriculture Erosion and Sediment Control (Ag E&S) regulations and Chap. 91 Manure Management (MMP) Plans.
Total:
- Approximately 3,093,000 agricultural acres in Pennsylvania’s part of the Bay Watershed
- 325,318 acres (10.6%) inspected — 2,893 farm operations

**Act 38 Nutrient Management Program:**
- 814 agricultural operations inspected
- 145,680 acres inspected

**Chesapeake Bay Agricultural Inspections Program:**
- 2,079 agricultural operations inspected
- 179,638 acres inspected
Expanded Agricultural Inspections: Compliance Rates on Initial Inspections

• Act 38 Nutrient Management Program:
  • 80% compliance rate for Act 38 Planning and Implementation Requirements.

• Chesapeake Bay Agricultural Inspections Program:
  • 66% compliance rate for Manure Management Planning requirements.
  • 68.5% compliance rate for Agricultural Erosion and Sediment Control/Conservation Planning requirements.
Manure Management –

• 1,647 out of 2,079 operations inspected were required to have MMPs

• At the time of initial inspection:
  • 1,160 farms were found to have written MMPs
  • 1,092 farms had administratively complete MMPs
  • 84.5% reported using assistance to develop plans
  • 856 farms that indicated records were being kept
    • 281 farms had records reviewed to ensure that nutrients were applied at less than or equal to planned rates
  • 5 Concentrated Animal Operations (CAOs) were identified
Agricultural Erosion and Sediment Control (Ag E&S) –

• 1,651 out of 2,079 operations inspected were required to have Ag E&S Plans

• At the time of initial inspection:
  • 1,209 farms were found to have had written Ag E&S (or NRCS Conservation) Plan
  • 1,131 farms had administratively complete Ag E&S (or NRCS Conservation) Plan
  • 98% reported using assistance with development of the Ag E&S Plan
### CB Agricultural Inspection Program: Enforcement

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<th>Category</th>
<th>2016-2017</th>
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<td>Notices of Violations</td>
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<td>Field Orders</td>
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• Implementing Ag Inspection Reporting and Data Collection Efforts via centralized PracticeKeeper Geo-database

• Revised SOP for FY 2018-2019 to meet EPA BMP reporting requirements

• Chesapeake Bay Ag Inspection Program – Phase 2
  • Begin the process to incorporate “plan implementation” assessments in select counties
  • Identify counties that will fully complete their Phase 1 inspection goals over the next two years for potential “pilot” testing
  • Work with the original workgroup (CDs, DEP, SCC) and the pilot CDs to develop the guidance and edits to the report forms for the next phase
Contact Information:

Jill Whitcomb
Nonpoint Source Compliance Section
Bureau of Clean Water
jiwhitcomb@pa.gov
(717) 783-5205