



**pennsylvania**  
DEPARTMENT OF ENVIRONMENTAL  
PROTECTION



Bureau of Clean Water

# Chesapeake Bay Ag Inspections

## Agricultural Advisory Board

### October 27, 2016

Tom Wolf, Governor

Patrick McDonnell, Acting Secretary

# Ag Regulatory Requirements

- **Authority**

- Federal Clean Water Act
- Pennsylvania Clean Streams Law

- **Regulatory Requirements for Agriculture**

- 1972 - Chapter 102: Erosion & Sediment Control
- 1986 - Chapter 91: Polluted Runoff (Manure)
- 1993 - Chapter 83: CAO – Concentrated Animal Operations (State Conservation Commission - SCC)
- 2000 - Chapter 92: CAFO – Concentrated Animal Feeding Operations

# ▶ 2010 Total Maximum Daily Load

- In 2010 EPA established a Total Maximum Daily Load (TMDL) for the Chesapeake Bay.
- Implementation of this TMDL requires Pennsylvania to develop plans to meet specific target reductions in nitrogen, phosphorus and sediment loads in phases.
- Pennsylvania will not meet reduction targets for nitrogen and sediment goals for **Agriculture** and **Urban Stormwater**.

# Consequences of NOT Meeting Goals

- Federal Funds Can be Withheld
  - EPA held \$2.9 million of DEP Chesapeake Bay funds.
  - EPA has indicated future DEP funds may be withheld.
  - Other Federal funds may be withheld.
- Additional Regulatory Requirements
  - Wastewater Treatment Plant Effluent Limits.
  - More regulation on Agriculture.
  - Additional federal farm inspections.

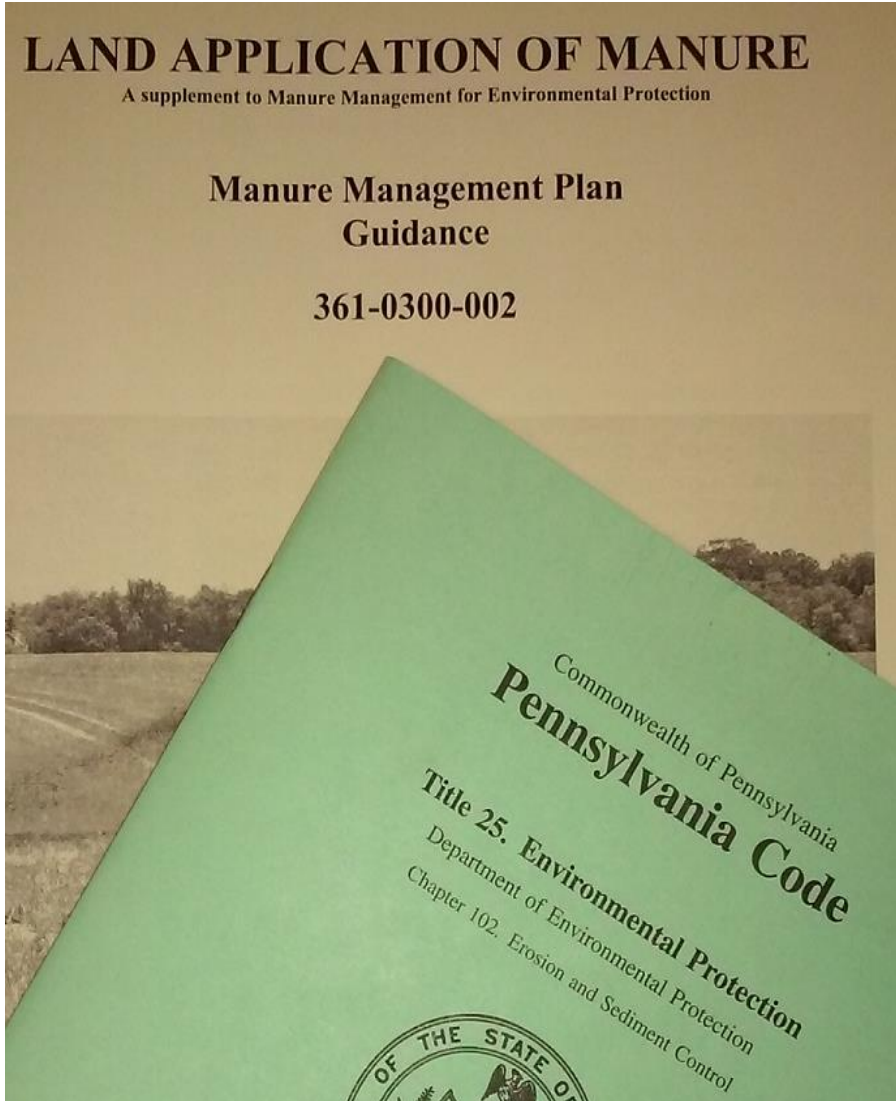
# Why PA is Falling Short

- The Chesapeake Bay watershed in Pennsylvania is home to more than 33,600 farms.
  - EPA required DEP to inspect **10 percent of farms annually**.
  - In 2014, DEP conducted a total of 592 inspections, which equates to a **1.8 percent** inspection rate.

# ▶ “Reboot”: Six Elements

- 1) Address Pollutant Reduction
- 2) Quantify & Multiply BMPs
- 3) Improve Record-keeping
- 4) Identify Needed Changes
- 5) Establish a DEP Chesapeake Bay Office
- 6) Seek New Resources

# ▶ Chesapeake Bay Ag Inspections



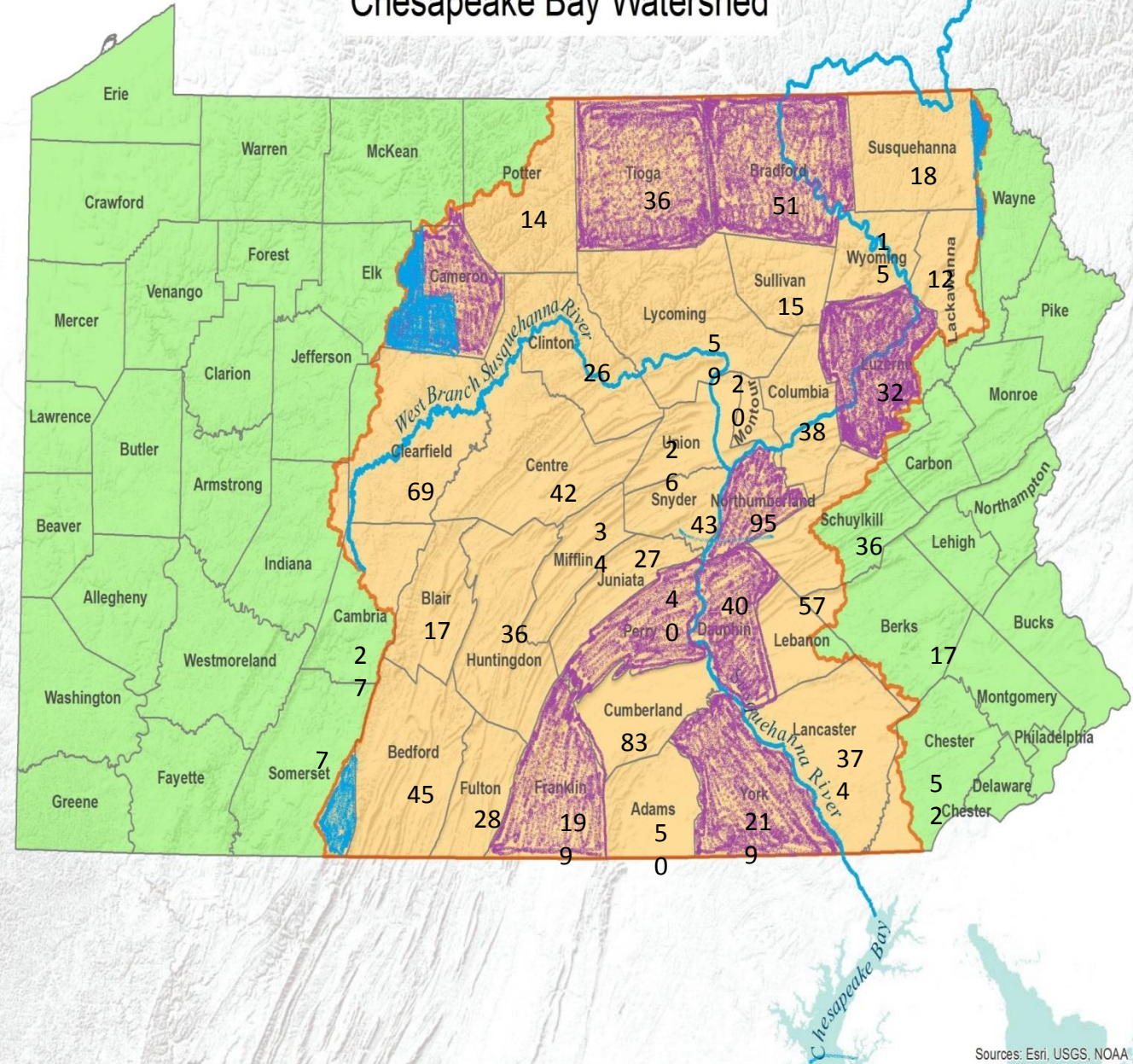
1. Inspect 10% of all farms within the CB Watershed Annually (~3360)
2. Assure all farms have required plans
3. Enforcement for non-compliance.

# Chesapeake Bay Ag Inspections

- Develop a Standard Operating Procedures
  - Input from Conservation Districts
  - Test Drive with several Conservation Districts
- Train DEP and CD Staff
  - Two sessions for DEP
  - Four session for CD Staff
- 28 Districts Signed On / 9 Did Not



# Chesapeake Bay Watershed



Sources: Esri, USGS, NOAA

# Chesapeake Bay Ag Inspections

- Conservation Districts' Inspections
  - 50 per Funded Bay Technician Position
  - Conservation District Selection Process
- DEP Regional Office Inspections
  - Ag Impaired Watersheds
  - County w/ No Conservation District Inspections

# ▶ Chesapeake Bay Ag Inspections

- TRAVIS' MAP

# Chesapeake Bay Ag Inspections

- Notification Letters
  - About 2,000 sent by DEP
  - Random Selection from an existing list on addresses
  - Got a Letter? May or May Not Be inspected
- DEP Regional Office Inspections (YTD) = 40
- Conservation District Inspection (YTD) = TBD



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