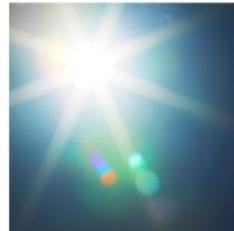


# Eastern Shore Poultry Farm Activity Update

November 13<sup>th</sup> 2018

Ryan Green

Office of Water Supply





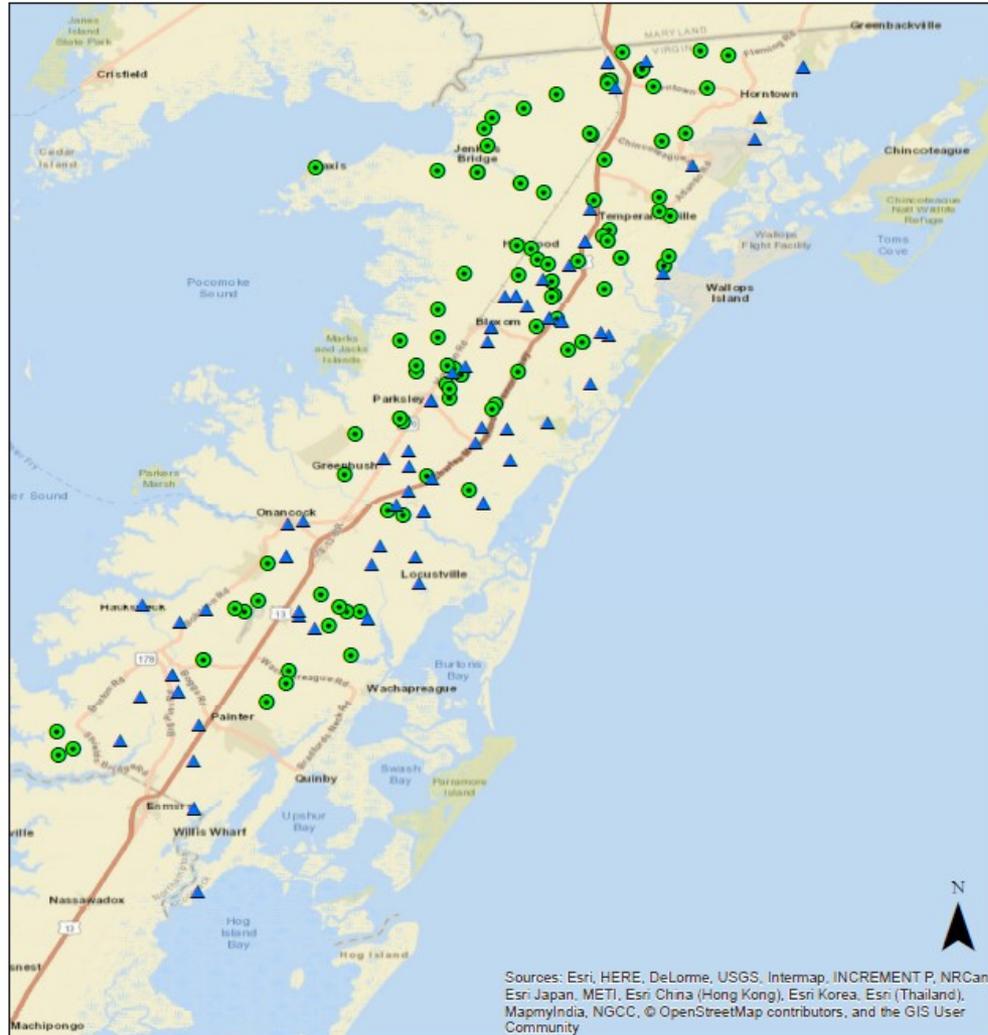


# Eastern Shore Poultry Activity

- Poultry Farms by the Numbers
  - 88 total poultry farms with active CAFO Permits
    - 86 in Accomack County
    - 2 in Northampton County
  - Farms range in size from 2 - 12 houses (Accomack ordinance limits to 12 houses to a parcel).
  - Number of birds in one flock (incl. all houses) ranges from 20,000 to > 500,000

# Eastern Shore Overview

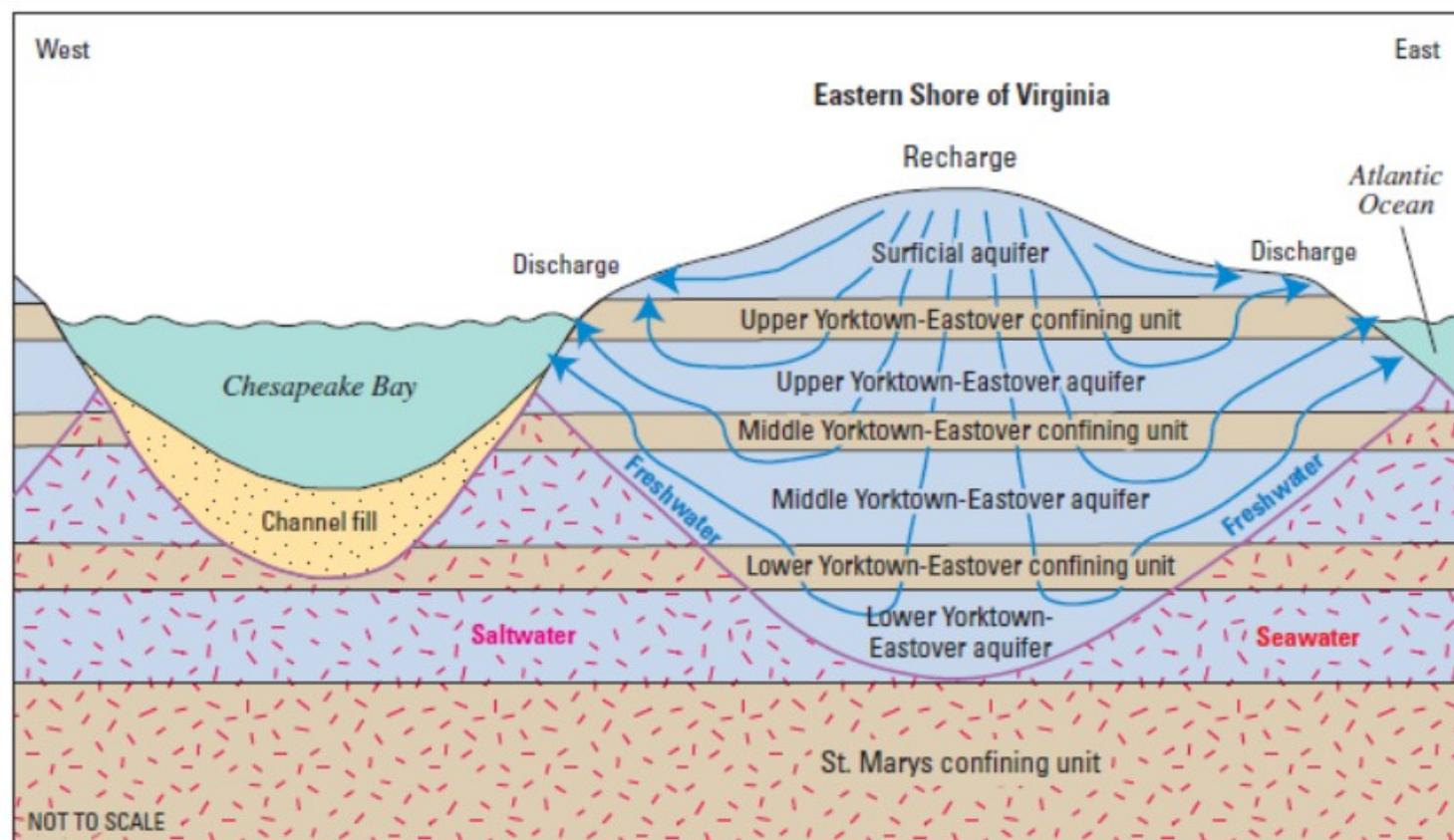
## Existing Groundwater Permittees and Poultry Farms with VPA Permits



- ▲ Existing Facilities with Groundwater Permits
- Poultry Farms with VPA Permits



# Where is the water coming from?



NOT TO SCALE

Sanford, Pope, and Nelm, 2009

## EXPLANATION

→ General direction of groundwater flow



# Groundwater Withdrawal Permitting

- Not all poultry farms will require a permit (need to use 300,000 gallons in any month)
- Consent Special Orders issued to 57 existing farms that may require permits.
  - Implements withdrawal limits, metering and reporting requirements, DEQ well construction standards.
  - Authorizes the withdrawal until a permit decision can be made.
  - Applications have been received for all facilities with CSO's.
- Proposed/New farms must apply and receive a groundwater withdrawal permit before exceeding 300,000 gallons in any month.

# What comes next?

- Technical Evaluation
- Public Involvement
- Permit Decision
- Post Issuance
  - Reporting requirements
  - Data Collection

# Questions?

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