

# 2013 Progress: Lessons Learned

Watershed Technical Workgroup 04082014

Matt Johnston

University of Maryland

CBP Non-Point Source Data Analyst

# What Worked Well?

- Progress was finalized before March 1.
- Multiple jurisdictions finalized their NEIEN submissions before February 1.
- Jurisdictions and CBP jointly reviewed 10 Scenario Builder runs, allowing jurisdictions to revise NEIEN data from December through February.
- Some jurisdictions revised historic NEIEN data at the same time that they reported new implementation.
- Jurisdictions reported newly approved BMPs using appropriate NEIEN codes.
- NEIEN Appendix was finalized by December 1, giving jurisdictions a single document to use throughout the reporting and review period.
- Multiple jurisdictions submitted actual, permitted construction acres and estimated AFO/CAFO fractions.

# What Didn't Work so Well?

- Some jurisdictions were not able to quickly adjust NEIEN submissions when errors were found.
- Model results typically took two days (occasionally more) to compile.
- NEIEN submissions often had duplicated data or errors.
- Some NEIEN data lacked details such as land uses or specific geographies.
- Records from previous years (especially cumulative BMPs) likely still contain errors.
- NEIEN did not accommodate maintenance records for existing BMPs.
- Many jurisdictions did NOT supply updated AFO/CAFO fractions or permitted construction acres.

# Potential Improvements for 2014

- All data in NEIEN should be QA/QC'd by jurisdictions by December 1, 2014 (as specified in grant guidance).
- NEIEN Appendix should be thoroughly reviewed by CBP staff and jurisdictions before reporting begins.
- NEIEN changes will be needed to accommodate maintenance/inspection records.
- Jurisdictions should thoroughly review their historic BMP databases, and update records in NEIEN.
- Jurisdictions should review AFO/CAFO splits, and submit updates to these fractions.

# Additional Notes

- Data should be submitted at the most specific scale available (the scale at which the data was collected).
- Functionally equivalent practices should not be submitted under different BMP names if they do not fit the CBP definitions.
- AFO/CAFO animal fractions are now 5 years old and need to be updated.
- Implementation data should not be estimated or calculated based upon percent of available land in the tools.
- Many QAPPs are outdated, and should be updated each year.
- States should begin submitting stormwater performance standards for 2014 Progress.

# Discussion