



Office of Water Management



Chesapeake Bay Watershed Data Sharing Program

Sewage Advisory Committee (SAC)

March 22, 2016

Tom Wolf, Governor

John Quigley, Secretary

Introduction

- Through coordination of the EPA, the Chesapeake Bay states (DE, MD, PA, VA, WVA) have agreed to a data sharing agreement
- Focus on nitrogen reduction technologies used in onlot systems
- Streamline testing, review, and approval process

Product Evaluation for N Reduction

- Evaluation based upon 2 testing phases
- Phase 1: Initial Data Collection
 - Requires NSF 245 certification
 - Minimum: 55 effluent data sets
 - 12/55 must be collected in cold weather

Product Evaluation for N Reduction

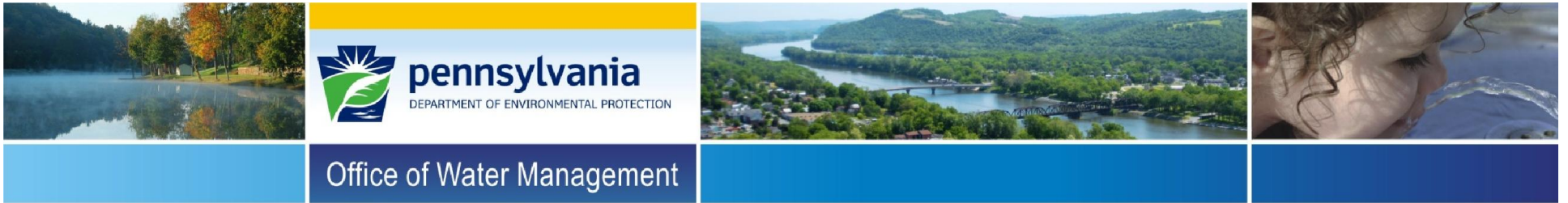
- Phase 2: Field Testing Data Collection
 - Based on NSF 360 standard
 - Minimum of 12 test sites. 6 must be in PA and 6 can be from another Chesapeake Bay state (**Data Sharing**). MD also requires 6 test sites.
 - Quarterly composite sampling for 1 yr

Independent 3rd Party

- Testing must be completed 3rd party
 - Testing Organization
 - Verification Organization
- Test Plan Template was developed to formalize reporting procedure for both field testing protocol and submission of final report

Summary

- Data sharing developed to document performance of nitrogen reduction technologies
- May expedite approval processes of technologies in each individual state
- May reduce costs to residents by eliminating repetitive testing
- Support restoration of the Chesapeake Bay
- Information on agreement is available on DEP website



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