



# CHESAPEAKE BAY COMMISSION

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## Agenda Lancaster, PA September 8-9, 2016

### Thursday, September 8th

Lancaster Marriott Penn Square  
25 S. Queen St.  
Lancaster, PA 17603

**1:00 P.M. WELCOME & CALL TO ORDER**  
Senator Mac Middleton, Chair

#### **ROLL CALL**

**1:05 P.M. ADOPTION OF MINUTES**  
**ADOPTION/MODIFICATION OF AGENDA**  
**ORIENTATION TO THE DAY**

**1:10 P.M. PHOSPHORUS: AN ELUSIVE GOAL**  
*Once thought to be associated almost exclusively with soil particles, we now know that phosphorus can become dissolved and transported freely in water. Our strategies must now adapt to tackle this growing source of pollution, especially from animal manure.*

[1:10 P.M.] **Part I:**  
**Chesapeake Bay 201: Phosphorus**  
*This is the second in our 201 series to examine watershed issues in more detail and frame them in the context of current actions underway.*

Peter Kleinman, Ph.D. (invited)  
Adjunct Associate Professor of Soil Science  
USDA-ARS

[1:50 P.M.] **Part II:**  
**Soil P-Indexes: Minimizing Phosphorus Loss**  
*Work is nearing completion on a multi-year effort to update and harmonize Phosphorus-Index tools across the Chesapeake Bay Watershed. The next step will be to transition these tools for use by farmers and regulators.*

Douglas Beegle, Ph.D.  
Distinguished Professor of Agronomy  
The Pennsylvania State University

[2:30 P.M.]

**Part III:**

**Manure Transport: Optimizing Local Use**

*The Delmarva Land and Litter Challenge's goal is to be "regionally neutral in importing and exporting nutrients" by 2025. To accomplish this, manure nutrients must be transported to areas where they can be best utilized, including transport across state lines.*

Ernie Shea, Project Facilitator  
Delmarva Land and Litter Challenge

**3:00 P.M.**

**LEGACY SEDIMENTS: THE STREAM AS POLLUTION SOURCE**

*Historic mill dams trapped sediment that was eroded from the landscape during the colonial and early industrial eras. As the dams breach from disrepair, this sediment is now released during storm events. Franklin and Marshall scientists will present the latest findings from The Big Spring Run Experiment now in its fifth year of post restoration monitoring.*

**Introduction**

Joseph V. Sweeney, Past Chair  
Lancaster Farmland Trust

**Part I:**

**Emerging New Science: Implications for Water Quality**

Dorothy J. Merritts, Ph.D.  
Harry W. & Mary B. Huffnagle Professor of Geosciences  
Franklin & Marshall College

Robert C. Walter, Ph.D.  
Associate Professor, Geosciences  
Franklin & Marshall College

**3:30 P.M.**

**BREAK**

**3:45 P.M. Part II:  
Field Tour**

- [3:45 P.M.] Depart Hotel
- [4:05 P.M.] Unrestored Site  
Plain Sect Farm  
Strasburg, Lancaster County
- [4:35 P.M.] Travel
- [4:50 P.M.] Restored Big Spring Run Site  
Kirchner Farm  
Gypsy Hill Road, Lancaster County
- [5:30 P.M.] Return to Lancaster

**5:30 P.M. ADJOURN**

**Friday, September 9**

**8:00 A.M. BREAKFAST DELEGATION MEETINGS**  
*Federal Room*

**MEETING LOCATION**  
*Independence Room*

**9:00 A.M. CALL TO ORDER**  
**ROLL CALL**

- 9:05 A.M. CHAIRMAN'S UPDATES**
- **Executive Council Meeting**
  - **Livestock Stream Exclusion NFWF Proposal**
  - **WIP Buffer Progress**
  - **GIT Summary**
  - **Technical Assistance Review**
  - **PA Leadership Meeting**

**9:30 P.M. MIDPOINT ASSESSMENT AND PHASE III WIPS**  
*At each quarterly meeting, the Commission will address key policy decisions needed to achieve clean water by 2025.*

[9:30 A.M.] **Part I:**  
**Rapid Updates**  
CBC Staff

[9:40 A.M.]

**Part II:**

**Progress and Refined Allocations**

*All sectors will need to make reductions to achieve the Bay's clean water goals. As we approach the 2017 midpoint, we see that some have achieved more than others. What does this mean for the efforts needed between now and 2025?*

Rich Batiuk

Associate Director for Science, Analysis and Implementation

Chesapeake Bay Program Office U.S. Environmental Protection Agency

[10:20 A.M.]

**Part III:**

**Conowingo Dam**

*The reduced sediment trapping capacity of Conowingo Dam will soon be factored into the TMDL. What will this mean for state allocations?*

Lee Currey

Director, Science Services Administration

Maryland Department of the Environment

Co-Chair, Chesapeake Bay Program Modeling Workgroup

[11:00 A.M.]

**Q&A and Discussion**

**11:10 A.M.**

**CONSERVATION INNOVATION: AVIATION BIOFUEL**

*There is growing industry demand to reduce the carbon footprint of commercial and military aviation. Bio-based jet fuel can be produced from renewable biomass that is also beneficial for water quality, such as switchgrass, but agricultural and fuel supply chains will need to adapt.*

Tom Richard, Ph.D.

Professor of Agricultural & Biological Engineering

Director, Penn State Institutes for Energy and the Environment

**11:50 A.M.**

**NEW BUSINESS**

**MEETING FEEDBACK**

**12:00 P.M.**

**ADJOURN**

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The next meeting of the Chesapeake Bay Commission  
will be held at Westmoreland State Park, VA  
on November 10-11, 2016