



CHESAPEAKE BAY COMMISSION

Policy for the Bay • www.chesbay.state.va.us

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**
- **GIT Summary**
- **Technical Assistance Review**
- **PA Leadership Meeting**
- **Supporting Riparian Buffers**
 - **Livestock Stream Exclusion NFWF Proposal**
 - **WIP Buffer Progress**
 - **PA's "Stream Bank" Buffer Program**

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

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