CHESAPEAKE BAY COMMISSION

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Agenda
Kennett Square, PA
November 14-15, 2024

THURSDAY MEETING LOCATION:
Stroud Water Research Center
Meeting House
970 Spencer Road
Avondale, PA 19311

11:40 A.M. **WELCOME & NEW MEMBER INTRODUCTIONS**
ROLL CALL
APPROVAL OF MINUTES
ADOPTION/MODIFICATION OF AGENDA
SEPTEMBER MEETING FOLLOW-UPS

11:50 A.M. **STROUD WATER RESEARCH CENTER**

Established in 1966 as a field station of the Academy of Natural Sciences, the Stroud Center began in the garage of the Stroud family farm and focused on the freshwater ecosystem of the local White Clay Creek. After three decades, the Center has grown to a multi-building campus, a multi-million-dollar budget, and research projects around the globe. Now an independent non-profit corporation, Stroud remains dedicated to advancing the knowledge and stewardship of freshwater ecosystems through research, education, and watershed restoration.

WELCOME
David Arscott, Ph.D.
Executive Director & President

STREAM HEALTH 201
Matt Ehrhart
Director of Watershed Restoration

12:15 P.M. **RESEARCH TOUR**

The Moorhead Environmental Complex is a LEED© Platinum facility that is both well-equipped for sophisticated scientific research and education and filled with art that inspires

creativity and dialogue. Our tour will include the microbial lab and the "wet lab," where Stroud replicates stream conditions to look at the chronic impacts of complex stream stressors.

1:00 P.M. AMAZON WEB SERVICES

As part of Amazon Web Services' (AWS) pledge to be "water positive" by 2030 -- returning more water to communities and the environment than it uses -- AWS has partnered with Stroud on a three-year initiative to support ecosystem health, soil health, and groundwater recharge on farmland in the Bull Run and Broad Run watersheds.

1:20 P.M. BREAK

1:30 P.M. INTRODUCTION TO "*THE MUSHROOM CAPITAL OF THE WORLD"*

Kennett Square and the nearby region produce over one million pounds of mushrooms every day using compost made from the byproducts and waste of the region's farms. Afterward, the growing media is recycled as a soil amendment and is a key link in the region's nutrient budget.

Rachel Roberts, President
American Mushroom Institute

Christian Strohmaier, Managing Director
Chester County Conservation District

2:00 P.M. TOUR YEATMAN'S MUSHROOM FARM
600 N Baker Station Road
West Grove, PA 19390

C.P. Yeatman & Sons, Inc. is a five-generation grower of both organic mushrooms, sold under the Mother Earth brand, and conventional mushrooms, sold under the New Moon brand. White Button, Baby Bella, Portabella, Shiitake, and several exotics are packaged for both retail and food service customers.

Jerry Yeatman
President

Meghan Klotzbach
Vice President for Operations, Sales & Marketing

4:00 P.M. **LONGWOOD GARDENS WELCOME**
1001 Longwood Road,
Kennett Square, PA 19348

In 1906, Pierre S. du Pont purchased a farm to preserve a 15-acre arboretum that had been established by the previous owners. He would soon add gardens and greenhouses for his own and the public's enjoyment. Today the property has grown to more than 1,100 acres showcasing horticulture, architecture, art, and environmental sustainability with over 1.5 million visitors each year. Additionally, educational programs are offered for students from K-12 to graduate students as well as continuing education for horticulture and landscape professionals. An ambitious $250 million expansion, "Longwood Reimagined," has just been completed, featuring 17 acres of new buildings and gardens opening to the public on November 22nd.

Paul B. Redman
President & CEO

Kate Santos, Ph.D
Associate Vice President, Science
Land Stewardship/Conservation Programs

Kay Chubbuck, D.Phil.
Vice President, Engagement & Learning
Workforce Development

5:00 P.M. **ADJOURN**

Friday, November 15, 2024

Breakfast & Meeting Location:
Inn at Mendenhall
323 Kennett Pike
Chadds Ford, PA 19317

8:00 A.M. **DELEGATION BREAKFASTS**
Inn At Mendenhall
Gold Atrium

Delegations will discuss news and issues relevant to their jurisdictions. Breakfast is available for members only.

9:10 A.M. **WELCOME**
Gold Ballroom

ROLL CALL

9:15 A.M. **EXECUTIVE DIRECTOR'S LIGHTNING ROUND UPDATES**

- CBC Annual Audit
- Beyond 2025 Final Report
- 2024 Executive Council Meeting

9:30 A.M. **MANAGING A "MANURESHED"**

A "manureshed" is the land around a livestock farm where manure can be applied as fertilizer to redistribute nutrient loads and help achieve environmental and economic goals. Manureshed management promotes pathways that move nutrients from sources, areas with excess nitrogen and phosphorus, to sinks, land in need of extra nutrients. Can better manure policy reduce commercial fertilizer reliance and cut down on polluted runoff to local streams while supporting production?

Cibin Raj, Ph.D.
Associate Professor of Agricultural and Biological Engineering
The Pennsylvania State University

Gary Shenk, Hydrologist
USGS Chesapeake Bay Program Office

Kristen Hughes Evans, Executive Director
Sustainable Chesapeake

[10:15 A.M.] Commission Discussion

10:30 A.M. **BREAK**

10:45 A.M. **ACROSS THE BORDER: THE DELAWARE ESTUARY**

Its watershed spans five states and provides drinking water for over 13.3 million people – 4% of the nation's total population – from a surface area 1/5 the size of our own. Its living resources suffer from polluted runoff, low dissolved oxygen levels, and loss of habitat, exacerbated by the impacts of land use and climate change. It is home to an economically

significant and nationally strategic port. What can we learn from goals, triumphs, and challenges of our neighbors to the northeast?

Martha Maxwell-Doyle
Programs Director
Partnership for the Delaware Estuary

[11:15 A.M.] Commission Discussion

11:30 A.M. **INTERIM ACTIONS**
NEW BUSINESS
PUBLIC COMMENT

12:00 P.M. **ADJOURN**

The next meeting of the full Chesapeake Bay Commission will be held in Annapolis, MD on January 2-3, 2025