

Sixth Annual Bay-Wide Stormwater Retreat  
 Tuesday May 13 to Thursday May 15  
 Adamstown, MD

Final Agenda

<b>2014 RETREAT AGENDA AT A GLANCE</b>	
10:00 – 10:30	Registration and Orientation
10:30 – 10:45	Opening Remarks National Fish and Wildlife Foundation
10:45 – 12:15	A. NFWF Grantee Speed Dating
<b>12:15 – 1:15</b>	<b>LUNCH</b>
1:15 – 2:45	B. Taking Homeowner BMPs to the Next Level
<b>2:45 – 3:00</b>	<b>BREAK</b>
3:00 – 4:30	C. Help Wanted: Stormwater Work Force Development/Certification
4:30 – 5:15	D. Urban Watershed Restoration Success Story
	<b>DINNER</b>
7:00 – 9:00	NFWF Grant Reception and Poster Session
8:30 – 9:00	Opening Remarks
9:00 – 10:30	E. The New Chesapeake Lawn
<b>10:30 – 10:45</b>	<b>BREAK</b>
10:45 – 12:00	F. The New Chesapeake Car Habitat
<b>12:00 – 1:00</b>	<b>LUNCH</b>
1:00 – 2:30	G. The Next Generation of Chesapeake Stormwater Practices
<b>2:30 – 2:45</b>	<b>BREAK</b>
2:45 – 4:00	H. The Restored Chesapeake Urban Stream Corridor
4:00 – 5:15	I. The Future Chesapeake Resident
	<b>DINNER</b>
7:00 – 9:00	Award Ceremony & Film Festival
8:30 – 9:00	Welcome and Recap
9:00 – 10:30	J. Annual State and Federal Stormwater Outlook
<b>10:30 – 10:45</b>	<b>BREAK</b>
10:45 – 12:00	K. Best Practices for Delivering Best Practices
<b>12:00 – 1:00</b>	<b>LUNCH</b>
1:00 – 2:30	L. New Tools in Stormwater Financing
<b>2:30 – 2:45</b>	<b>BREAK</b>
2:45 – 4:00	M. The Next Big Stormwater Innovations: A Panel
4:00 – 4:15	Wrap up and Evaluation

**Day 1**  
**Tuesday, May 13, 2014**  
**Stormwater Innovations in the Bay Watershed Achieved**  
**Through National Fish and Wildlife Foundation Grants**

**10:00 – 10:30      Registration and Orientation**

**10:30 – 10:45      Welcome and Objectives for the Retreat**

- Jake Reilly, Chesapeake Bay Program Director, National Fish and Wildlife Foundation
- Lou Etgen, Alliance for Chesapeake Bay

**10:45 – 12:15      A. National Fish and Wildlife Foundation Grantee Speed Dating**

New NFWF grantees from class of 2012/2013 have 3 minutes to introduce themselves and their new projects. Grantees from class of 2011 and before get a chance to introduce themselves and welcome the new grantees. Details on individual projects will be provided in poster session later in the evening.

**12:15 – 1:15              LUNCH**

**1:15 – 2:45              B. Taking Homeowner BMPs to the Next Level**

Moderator, Suzanne Etgen, Watershed Stewards Academy

First part of the session will be devoted to identifying all the tools, products and resources developed by grantees and others in the last year to promote better homeowner BMPs.

- Cecilia Lane, Chesapeake Stormwater Network,
- Amanda Rockler, University of Maryland, Sea Grant
- Dana Puzey, Blue Water Baltimore
- Katherine Antos, U.S. EPA, Chesapeake Bay Program Office,
- Jacob Bauckman, Alliance for Chesapeake Bay
- Shereen Hughes, Wetlands Watch
- Sara Felker, Elizabeth River Project
- Patty Ceglia, Gunpowder Valley Conservancy
- Kacey Wetzal, Chesapeake Bay Trust

Remainder of session will include identifying and recognizing ALL of the NFWF grantees and localities involved in homeowner BMPs, and then a facilitated discussion focusing on how to take homeowner BMPs to the next level.

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**2:45 – 3:00              BREAK**

**3:00 – 4:30**

**C. Help Wanted: Stormwater Work Force Development and Certification for Stormwater BMPs**

Moderator, Tom Schueler, Chesapeake Stormwater Network

What will the future stormwater jobs be, and what training/skill sets are needed to effectively perform them, followed by feedback from representatives from the private sector, NGOs, and localities on what their future jobs needs are:

- Lou Etgen, Alliance for the Chesapeake Bay
- Diane Schrauth, Environmental Funders Network
- Julie Hester, Keith Campbell Foundation
- Ted Scott, Stormwater Maintenance and Consulting, LLC
- Doug Beisch, Stantec, Inc

Audience input on what good work has already been done or is planned to provide stormwater training and certification. Facilitated discussion on what additional work needs to be done, and how we can collaborate together to create and sustain the kind of training/certification programs need to equip the workforce with the skills and knowledge to make an on-the-ground difference.

**4:30 – 5:15**

**D. Berry Brook: A Watershed Restoration Success Story**

- Rob Roseen, Geosyntec

How many times have you been asked to show a real place where stormwater retrofits and stream restoration made a real difference in the health of an urban stream? Dr. Roseen will report on some real promising monitoring data that measured real improvements in small New Hampshire watershed. Not to be missed.

**DINNER**

**7:00 – 9:00**

**Evening Activities:** Reception organized around National Fish and Wildlife Foundation grantee poster session.

**Day 2**  
**Wednesday, May 14, 2014**  
**Future Stormwater Innovations in the Chesapeake Bay**  
**Watershed**

**8:30 – 9:00**

**Welcome and Opening Remarks**

- Nick DiPasquale, U.S. EPA, Chesapeake Bay Program Office
- Jen Zielinski, Biohabitats, Inc & President of the Chesapeake Stormwater Network Board of Directors
- Al Todd, Alliance for the Chesapeake Bay

**9:00 – 10:30**

**E. The New Chesapeake Bay Lawn**

Moderator: Brian Seipp, Center for Watershed Protection, Inc.

What are the next practices that can reduce runoff and pollutants from our lawns and create more habitat diversity? How can we best shift to this new paradigm? How we can more effectively work with landscaping/lawn care industry to create the new Chesapeake lawn?

- Urban Nutrient Management Update: Karl Berger, Metropolitan Washington Council of Governments
- Compost and microclover to reduce runoff and lawn fertilizer use: Mark Carroll, University of Maryland
- Sub-soiling and Compost Amendments: Stu Schwartz, University of Maryland Baltimore County
- Shoreline management expert panel: Sadie Drescher, Center for Watershed Protection, Inc.
- Local Outreach: Sara Felker, Elizabeth River Project Grant
- Backyard Brook Trout Habitat: Shannon Moore, Frederick County, MD

**10:30 – 10:45**

**BREAK**

**10:45 – 12:00**

**F. The New Chesapeake Bay Street/Parking Lot:**

Moderator, Jen Zielinski, Biohabitats, Inc

What retrofits and street cleaning practices can keep pollutants out of the storm drain?

- Lessons Learned Delivering Green Streets in DC Metro Area: Matt Robinson, District Department of the Environment & Christin Jolicoeur, Arlington County, VA
- Prospects for Street Cleaning and Leaf Management: Tom Schueler, Chesapeake Stormwater Network

- DC's New Zoning Codes for Parking Lots: Rebecca Stack, District Department of the Environment
- Innovative Stormwater Design for Parking Lots: Kelly Lindow, CityScape Engineering

**12:00 – 1:00**

**LUNCH**

**1:00 – 2:30**

**G. The Next Generation of Chesapeake Stormwater Practices.**

Moderator, Scott Crafton, Louis Berger Group

How can we boost the performance of the next generation of stormwater practices? What are the key needs for more widespread delivery?

- Prospects for Floating treatment Wetlands in Old Wet Ponds: Sarah Lane, UMD-DNR
- Results of Smart BMP Project: Rebecca Stack, District Department of the Environment
- Innovative Ways to Retrofit Dry Ponds & Rainwater Harvesting Systems in the James River Watershed: Greg Hoffman, Center for Watershed Protection, Inc.
- Enhancing Nutrient Removal in Bioretention Areas: Mow Soung Cheng, Prince Georges County & Allan Davis, University of Maryland
- Smart Maintenance: Ted Scott, Stormwater Maintenance and Consulting, LLC, & Cecilia Lane, Chesapeake Stormwater Network

**2:30 – 2:45**

**BREAK**

**2:45 – 4:00**

**H. The Restored Chesapeake Urban Stream Corridor**

Moderator, Steve Saari, District Department of the Environment

How can we maximize nutrient reduction and habitat preservation in the urban stream corridor? What are the key needs for more widespread delivery?

- Urban Stream Restoration Test Drive and Next Steps: Lisa Fraley-McNeal, Center for Watershed Protection, Inc.
- Nutrient Credits for Grey Infrastructure Upgrades: Tom Schueler, Chesapeake Stormwater Network
- Stream Buffer Upgrades/Filter Strip Credit: Neely Law, Center for Watershed Protection, Inc.
- Nash Run Urban Stream Restoration: Peter Hill, District Department of the Environment

**4:00 – 5:15**

**I. The Future Chesapeake Bay Resident**

Moderator, Cecilia Lane, Chesapeake Stormwater Network

How can we residents of the watershed, change their stormwater awareness and engage them to be better stewards and stronger supporters? What are the key needs to make this rather whimsical practice a real big boy BMP?

- The Demographics of the Watershed in 2025: Jenny Tribo, Hampton Roads Planning District Commission
- Tools and Best Practices in Homeowner Outreach and Engagement: Erin Ling, Virginia Tech and Virginia Cooperative Extension
- Ms4 Stormwater Outreach Success Story: Paige Thacker, Virginia Cooperative Extension
- Identifying and Addressing Gaps in Outreach Programs: Jamie Baxter, Chesapeake Bay Trust
- Rain Tax Survivor Stories: Jim Caldwell, Howard County, MD

**7:00 – 9:00**

**EVENING SOCIAL & AWARDS PROGRAM**

- Best Urban BMP in the Bay Award Ceremony – Nick DiPasquale, U.S. EPA, CBPO & BUBBAs Steering Committee Members
- The 2014 Stoneroller Awards to recognize a lifetime of stormwater contributions – Scott Crafton, Louis Berger Group
- 2014 Stormies: The stormwater film festival – Jacob Bauckman, Alliance for the Chesapeake Bay

**Day 3**  
**Thursday, May 15, 2014**  
**What are the Best Practices for Delivering Best Practices in the Bay?**

**8:30 – 9:00**

**Welcome and Retreat Recap**

Tom Schueler, Chesapeake Stormwater Network

**9:00 – 10:30**

**J. Annual State and Federal Regulatory Outlook**

Moderator, Norm Goulet, Northern Virginia Regional Commission

This session will include updates from EPA CBP, EPA Region 3, CSN and the seven Bay jurisdictions on what to expect in the next year in terms of stormwater regulations, permits, permit support and technical assistance, followed by audience questions and facilitated discussion on MS4 needs.

- Liz Ottinger and Kaitlyn Bendik, U.S. EPA Region 3
- Katherine Antos, U.S. EPA, Chesapeake Bay Program Office
- Jeff Seltzer, District Department of the Environment
- Randy Greer, Delaware Department of Natural Resources and Environmental Control
- Lee McDonnell, Pennsylvania Department of Environmental Protection
- Ray Bahr, Maryland Department of the Environment
- Joan Salvati, Virginia Department of Environmental Quality
- Sebastian Donner, West Virginia Department of Environmental Protection

**10:30 – 10:45**

**BREAK**

**10:45 – 12:00**

**K. Best Practices for Delivering Best Practices**

Moderator, Andy Gavin, Susquehanna River Basin Commission

What are the best practices for delivering best practices? We'll hear from practitioners who have utilized effective methods for widespread delivery of practices.

- Matt Meyers, Fairfax County, VA
- Craig Carson, Montgomery County, MD
- Rebecca Winer-Skonovd, Brown and Caldwell
- Dan Frisbee, City of Charlottesville, VA
- Ted Brown, Biohabitats, Inc.

**12:00 – 1:00**

**LUNCH.**

**1:00 – 2:30**

**L. New Tools in Stormwater Financing**

The focus of the panel will be how to reduce costs and accelerate implementation by leveraging the private sector. Panelists along with audience input will discuss what works, what could work, and how to get more private investment and involvement.

- Dan Nees, UMD EFC
- Nick Dilks, Ecosystem Investment Partners
- Matt Fleming, Chesapeake Coastal Service, MD DNR
- Alisa Valderrama, Natural Resources Defense Council

**2:30 – 2:45**

**BREAK**

**2:45 – 4:00**

**M. Next Big Ideas from Stormwater Innovation in the Chesapeake Bay Watershed**

Moderator, Tom Schueler, CSN

- Greg Hoffman, Center for Watershed Protection, Inc.
- Doug Beisch, Stantec Inc.
- Allan Davis, University of Maryland
- Pete Hill, District Department of the Environment
- Rich Batiuk, U.S. EPA, Chesapeake Bay Program Office
- Theresa Connor, Water Environment Research Foundation

**4:00 – 4:15**

**Wrap-up and Evaluation**

Lou Etgen, Alliance for the Chesapeake Bay