

Stormwater Retrofitting Workshop for Stormwater Practitioners

A Chesapeake Bay Stormwater Training Partnership Workshop

April 29 – 30, 2013

8:30 – 4:30

[Fairfax County Government Center](#)

12000 Government Center Pkwy

Fairfax, VA 22035

FREE!

Several drivers, including the Chesapeake Bay TMDL and MS4 permit requirements, are increasing the demand for stormwater retrofitting as a tool for reducing urban runoff and pollution. Stormwater retrofitting has emerged as one of the solutions to mitigate the impact of un-managed runoff from developed areas as well as to provide better water quality treatment in older stormwater structures, such as detention ponds.

This **free** workshop is for practitioners with at least a basic understanding of stormwater management design and with an interest in learning more about the nuts and bolts of stormwater retrofitting. The two-day program will include a mix of lecture, discussion, small group exercises, and field activities. *We encourage you to bring your laptops for the design exercise portion of the workshop.* The focus of this training is on how to locate and prioritize retrofit opportunities in developed areas, through field investigations and concept drawings. We will cover retrofitting streets, existing stormwater basins, public lands, and other topics.

Instructors: Tom Schueler, Chesapeake Stormwater Network
Cecilia Lane, Chesapeake Stormwater Network
Dave Hirschman, Center for Watershed Protection
Laurel Woodworth, Center for Watershed Protection
Matt Meyers, Fairfax County, Department of Public Works and Environmental Services

DAY 1 – Monday, April 29

8:30 – 9:00	Registration	
9:00 – 9:15	Welcome and Introductions	CWP
9:15 – 9:45	Why Retrofit? (Discussion)	CWP
9:45 – 10:45	Retrofit Types & Locations	CSN
10:45 – 11:00	Break	
11:00 – 12:00	Desktop Assessments (& Group Exercise)	CWP
12:00 – 1:00	Lunch (on your own)	

1:00 – 2:00	Intro to Field Investigations	CSN
2:00 – 4:30	FIELD EXERCISE #1 (multiple sites)	ALL

DAY 2 – Tuesday, April 30

8:30 – 9:00	<i>Welcome</i>	
9:00 – 10:00	Post-Field Work	CSN
10:00 – 11:00	Ranking Retrofits (& Group Exercise)	CWP
11:00 – 1:00	<i>Lunch (on your own) & Self-guided Tour of Existing Retrofits</i>	
1:00 – 1:30	How Much Do Retrofits Cost?	CSN
1:30 – 2:00	Design and Construction	CWP
2:00 – 3:00	Post-Construction	CSN
3:00 – 3:30	Case Study: “Stormwater Enhancements and Retrofitting in Fairfax County”	Matt Meyers, Fairfax Co.
3:30– 4:00	Retrofit Reflections & Evaluations	ALL

The [Chesapeake Bay Stormwater Training Partnership](#) is a training program for stormwater management professionals created by the **Chesapeake Stormwater Network** and the **Center for Watershed Protection**. It is sponsored by the National Fish and Wildlife Foundation’s Chesapeake Bay Stewardship Fund. Fairfax County, Northern Virginia Soil and Water Conservation District and the Northern Virginia Regional Commission are providing logistical support for the workshop.

The **Chesapeake Stormwater Network (CSN)** is an organization whose mission is to improve on the ground implementation of more sustainable stormwater management and environmental site design practices in each of 1300 communities and seven states in the Chesapeake Bay Watershed. The Network is coordinated by **Tom Schueler** and **Cecilia Lane** and is located in Ellicott City, MD.

Since 1992, the **Center for Watershed Protection (CWP)** has been working in numerous communities to provide solutions for clean water and healthy natural resources. Their work is based on sound scientific research and guided by a passion for advancing the state-of-the art, ensuring practitioners have the right tools, and promoting the widespread implementation of the most effective watershed management techniques.