

Draft Agenda

Chesapeake Bay Stormwater Training Partnership

One-Day Training Workshop

The typical agenda for a one-day workshop runs from 9 AM to 4:30 PM. The session descriptions listed below can be tailored (in advance) to the particular needs of the host Local Government or Training Partner and the specific Chesapeake Bay watershed State. Similarly, the individual time breakdown for the sessions can be adjusted to adequately cover the desired goals of the workshop.

Welcome and Objectives for Workshop

Session 1: Key Implementation Aspects of Local Ordinance

Local and/or State agency staff are invited to briefly highlight key features of the local ordinance and how they relate to the State Stormwater regulations, stormwater Permits, and other regulatory drivers.

Session 2: Basics of the New Stormwater Management Requirements and the New Site Design Sequence

This session will review the basics of the new State stormwater management requirements (Environmental Site Design to the Maximum Extent Practicable (ESD to the MEP) in MD; and the Runoff Reduction Method (RRM) in VA, as well as the proposed criteria in WV and the District) and the science behind them, and summarize key “roof to stream” implementation strategies to make it work on real world sites. The instructor will also describe the new design sequence to ensure that an effective system of stormwater practices is properly installed and can be easily maintained at the site

Session 3: Maximizing non-Structural Practices

The key to compliance is to maximize the use of non-structural stormwater practices in the early stages of the site layout, such as better site design, impervious cover disconnection, grass channels, filter strips, and alternative surfaces. This session will review the tips and tricks for effectively applying, reviewing and maintaining these non-structural practices

BREAK

Session 4: Design of Micro-Practices

This session will review the design essentials of the new micro-scale practices, with an emphasis on how and where they can be best applied at development sites, and proper sizing, inspection and design features.

Session 5: Introduction to the Compliance Spreadsheet

This session will show how to keep track of the stormwater management design compliance using the State's respective compliance spreadsheet. The instructor will describe how it can be used in an iterative manner in early concept design to test different stormwater treatment options.

LUNCH (either brownbag on your own, or provided depending on workshop host)

Session 6: Small Group Activity: Practice on a Real World Site

Participants will divide into small groups and practice with the spreadsheet by developing and testing stormwater strategies on a typical residential or commercial subdivision site plan. The groups will report out on the solutions they develop, and provide feedback on the utility of the spreadsheet in the design and/or review process, the design specifications for the stormwater practices, and any other relevant design, implementation, or compliance issues.

BREAK

Session 7: Adapting Stormwater Design for Specific Physiographic Regions

This session will start with a presentation on key stormwater challenges and design solutions within the varied physiographic regions of the Chesapeake Bay watershed: karst terrain, coastal plain, mountain and valley, etc. (each workshop can be tailored for any one or all the regions present within the area of coverage). The session will conclude with an audience discussion on how to better implement certain practices within the particular region.

Session 8: Micro-Scale Practice Installation, Inspection and Maintenance

This session will highlight some of the critical issues involved in installing and maintaining small micro-practices, using a series of case studies and field surveys to help illustrate lessons learned. The session will conclude with a discussion of the strategies to improve construction inspection and maintenance for ESD practices

Wrap-up and Workshop Evaluations

Please Bring Your Laptop