

Watershed Planning: Strategies and Tools to Protect and Restore Coastal Water Quality

Wednesday, April 27, 2016 8:30 a.m. – 4:30 p.m. Wrightsville Beach Department of Public Works

- 8:30 a.m. **Registration and Coffee**
- 9:00 a.m. **Introductions** *Kristine Cherry, GSAA*
- 9:10 a.m. **Welcome and Workshop Overview**
Jason Doll, CPSWQ Senior Scientist/Project Manager Moffatt & Nichol
- 9:15 a.m. **GSAA Priorities for Watershed Restoration and Stormwater Reduction**
David Graves, Manager, SWMS, SCDHEC and Chair of the Clean Coastal and Ocean Waters
- 9:25 a.m. **Framework for Watershed Restoration Planning for Managing Coastal Watersheds**
Lauren Kolodij, Deputy Director, North Carolina Coastal Federation
- 9:30 a.m. **Panel: Case Study on Watershed Restoration: Bradley and Hewletts Creeks**
Phil Prete, Senior Planner, City of Wilmington;
Todd Miller, Director, North Carolina Coastal Federation
- 10:00 a.m. **Overview of Steps to Developing a Watershed Restoration Plan**
Moderated by *Lauren Kolodij, Deputy Director, North Carolina Coastal Federation*
- 10:00 a.m. **Step 1: Understanding the Volume Reduction Philosophy**
Hunter Freeman, PE, LEED AP, WithersRavenel
- 10:20 a.m. **Step 2: Fitting into the Proper Regulatory Framework**
Mike Randall, Stormwater Permitting Unit, N.C. Division of Energy, Mineral and Land Resources
- 10:45 a.m. **Break**
- 11:00 a.m. **Step 3: Forming Partnerships and Community Support**
Paul B. Clark, Environmental Program Consultant Basin Planning Branch Water Planning Section, N.C. Division of Water Resources
- 11:30 a.m. **Step 4: Setting Water Quality Goals and Defining Watersheds**
Mariko Polk, Consultant
- 12:00 p.m. **Lunch and Interactive Conversation**
- 12:45 p.m. **Step 5: Gathering Data to Characterize Your Watershed** *Mariko Polk, Consultant*
- 1:15 p.m. **Step 6: Calculating Volume Reduction Goals**
Hunter Freeman, PE, LEED AP, WithersRavenel
- 2:00 p.m. **Step 7: Selecting Effective Runoff Reduction Management Measures**
Hunter Freeman, PE, LEED AP, WithersRavenel
- 3:00 p.m. **Step 8: Structuring the Watershed Plan's Priorities and Schedule**
Jason Doll, CPSWQ, Senior Scientist/Project Manager Moffatt & Nichol
- 3:30 p.m. **Break and Field Visit** Wrightsville Beach Municipal Watershed Stormwater Reduction Project:
Overview followed by walking tour
- 4:30 p.m. **Adjourn**