



Monitoring and Assessment Under the Clean Water Act

The Watershed Academy



Wednesday, April 7, 2010

Two-hour audio Web broadcast

Eastern: 1:00p.m.–3:00p.m.

Central: 12:00p.m.–2:00p.m.

Mountain: 11:00a.m.–1:00p.m.

Pacific: 10:00a.m.–12:00p.m.

A Watershed Academy Webcast

Join us for this third in a series of Webcasts on the Clean Water Act (CWA). Earlier Webcast topics included an introduction to the CWA and an introduction to water quality standards. This Webcast will focus on key aspects of monitoring and assessment under the CWA including: 1) collection, assembly and evaluation of water quality data and other relevant information, 2) inferring current waterbody condition based on such data and information, and 3) determining whether or not individual waterbodies meet applicable state water quality criteria.



The Clean Water Act (CWA) is the cornerstone of surface water quality protection in the United States. The statute employs a variety of regulatory and non-regulatory tools to reduce direct pollutant discharges into waterways, finance municipal wastewater treatment facilities, and manage polluted runoff. These tools are employed to achieve the broader goal of restoring and maintaining the chemical, physical, and biological integrity of the nation's waters so that they can support "the protection and propagation of fish, shellfish, and wildlife and recreation in and on the water."

Instructors:



Ellen Tarquinio, *Environmental Protection Specialist*, EPA's Monitoring Branch, has been working at EPA since March 2004. She has worked on the National Aquatic Resource Survey's Wadeable Streams Assessment, the National Lakes Assessment and is currently the co-lead for the National Rivers and Streams Assessment. Ellen is also working on landscape ecology predictive tools guidance and algae taxonomic issues. Before coming to EPA, Ellen worked for New York State's Department of Environmental Protection on fisheries access issues and at the University of Maine as a research diver on marine research projects.



William (Bill) Painter, *Environmental Scientist*, EPA's Watershed Branch, has been with EPA for over 20 years and during much of this time he has worked on issues related to implementing the CWA. Before coming to EPA, Bill worked for a variety of nonprofit organizations on a range of projects, including several related to protection and restoration of the water resources of the United States.

Among Bill's EPA duties, he has provided CWA basic training on over 100 occasions. Bill also developed a popular online Watershed Academy Web module on an "Introduction to the Clean Water Act" that is posted at www.epa.gov/watertrain/cwa/.

The Watershed Academy

The Watershed Academy is a focal point in EPA's Office of Water for providing training and information on implementing watershed approaches. For more information, visit www.epa.gov/watershedacademy.

Registration

You must register in advance to attend this Webcast. Register at the Watershed Academy Webcast Web site at www.epa.gov/watershedwebcasts. Note: Your computer must have the capability of playing sound in order to attend this Webcast. To view archived Webcasts, go to www.epa.gov/owow/watershed/wacademy/webcasts/archives.html

Questions? Please contact Amber Marriott at amber.marriott@tetrattech.com.

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