

NPDES Storm Water and Total Maximum Daily Load Programs Nuts and Bolts Workshop

What do I need to do?....How do I do it?....How do I pay for it?....

Runoff of pollutants from an urban landscape can be stressful on the natural environment. Lakes, rivers, and estuaries exhibit these stresses in the form of elevated pollution levels, declining aquatic habitat, unhealthy conditions for contact recreation, and increased costs for high quality and plentiful drinking water supplies. Two federal programs that must be implemented by each state, the NPDES Storm Water Program (NPDES SW) and the Total Maximum Daily Load Program (TMDL) are designed to protect and restore the quality of water resources. Most entities are aware of these two programs, but lack a complete understanding of their requirements under each program, and how to best design solutions that are both beneficial to the environment and cost-effective for the entity.

The River Systems Institute, Texas State University-San Marcos, in partnership with the Texas Commission on Environmental Quality, and the Houston-Galveston Area Council, will host a one-day workshop at the Lone Star Convention Center, Conroe, Texas. The workshop goal is to present a wide-array of resources and practical information about NPDES SW permit requirements, how to implement them, and how to fund them. Information about the TMDL Program and its implications on the storm water permits also will be emphasized.

Location: The Lone Star Convention Center and Expo, Conroe, Texas
Directions: <http://www.thelonestar.org/map-dir.htm>
Date & Time: Wednesday, April 9, 2008, 8:30am-4pm
Audience: Municipalities, agencies, & individuals involved with the NPDES SW and TMDL Programs
Fee: \$10 for lunch expenses, to be collected the day of the meeting.
Sign-up: Contact Eric Mendelman at: em20@txstate.edu.
Questions: Phone direct: 512-245-1409, Toll Free: 817-506-1401

The morning session of the workshop, which will provide a general overview of both federal programs (FSW and TMDL), is designed for a general audience, and for key decision-makers and elected officials. The afternoon session will focus on technical aspects of program implementation, including structural and non-structural Best Management Practices (BMP). Examples of structural BMPs include storm water retention ponds and buffer zones, while non-structural BMPs generally involve public education focused on behavioral changes that can reduce storm water pollution.

Morning Session

Urban Sources of Pollution

Typical urban nonpoint pollutants and their sources

Impacts of nonpoint pollutants

Strategies for Reducing and Preventing NPS Pollution

NPDES Storm Water Program

TMDL Program

Afternoon Session

Structural BMPs

Buffer strips, Detention ponds, Reduction at source

Public Involvement and Source Detection

Urban Watch, Waters to the Sea, Media outreach strategies

Case Studies

Financing institutions, Management concerns, Outreach strategies