Workshop Registration

September 18-19, 2008
MeadWestvaco Conference Center
Morgantown, WV

We encourage you to register before August 27th, 2008. Seating is limited and space fills up quickly. Registrants will receive confirmation of their registration prior to the workshop.

Name:__________________________
Title:__________________________
Organization:___________________
Counties Served:_________________
Address:________________________
City:_________________ State:_________ Zip:_________
Phone:_________________ Fax:_________________
E-mail:________________________

For questions contact:

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Registration for the two day SMART Solutions workshop is free and includes lunch.
*Due to limited workshop space, registration priority will be given to persons working within West Virginia.
Accommodations

Please note that this workshop does not include overnight accommodations. All participants must make their own hotel arrangements. The Holiday Inn Express and the Super 8 are new and they are the closest hotels to the MeadWestvaco training location.

Recommended Hotels

Holiday Inn Express
605 Venture Drive
Morgantown, WV
304-291-2600

$119.99 + Tax

Super 8
603 Venture Drive
Morgantown, WV
304-296-4000

$61.19 + tax

Other Nearby Accommodations

Lake View Golf Resort and Spa
Cheat Lake, Take exit 10 off of I-68
304-594-1111

Cabins /Camping
Chestnut Ridge Regional Campgrounds
594-1773

Mountain Creek Cabins
Route 1
Bruceton Mills
379-7548
The MeadWestvaco Natural Resources Center, located in the heart of the West Virginia University Forest, opened officially in a dedication ceremony held Tuesday, Sept. 16, 1997. The generous donations of individuals and industrial partners has made this multi-purpose space possible, greatly enhancing the teaching, research, and public service missions of the College of Agriculture, Forestry and Consumer Sciences at West Virginia University.

Visit MeadWestvaco

For additional information on the MeadWestvaco Center, please call (304) 293-2941.

Sponsored by:

[Logos of West Virginia Department of Environmental Protection and National Environmental Services Center]
**Smart Solutions for West Virginia will** provide information and innovative approaches for reducing fecal coliform pollution through better management of wastewater treatment systems. Participants will receive tools and knowledge to implement management programs within their local watersheds.

**SMART Solutions for West Virginia is** sponsored by the National Environmental Services Center (NESC) and the West Virginia Department of Environmental Protection (WV DEP).

**Workshop Registration is** free and meals are provided. Attendance is limited to forty people.

**SMART Solutions for West Virginia is** designed for community volunteers, watershed groups, local officials and decision-makers.

**Participants will** receive tool kits and materials to help implement management practices within their communities and watersheds.

**What is management and why is it needed?**
Onsite and clustered wastewater systems commonly called “septic systems” serve nearly 25 percent of U.S. households and up to 33 percent of new development. More than half of these systems are over 30 years old and surveys indicate at least 10 percent might not be functioning properly.

Malfunctioning septic systems can cause bacterial contamination of groundwater and recreational waters as well as algae growth and other problems in lakes, rivers, streams, wetlands, and coastal waters. The high cost of sewers and centralized wastewater treatment plants have greatly limited communities in their efforts to address their wastewater treatment needs.

State and local governments are now looking to innovative treatment systems and management options to help reduce or eliminate problem systems. Some communities have built advanced sewage treatment systems and created management entities as a long-term, reliable solution for unsewered areas.

Others are focusing on enhancing existing programs to help homeowners better manage their septic systems. The key to achieving effective performance of decentralized sewage treatment from the simplest “box and rocks” septic tank and drainfield system to the most complex treatment and dispersal unit is an effective management plan. This strategy must consider a number of critical elements such as planning, site conditions, risk factors, system design, and operation and maintenance, all of which comprise a management program.
SMART Solutions for West Virginia Workshop Agenda

**Day One**

*Session One - Making the Watershed Connection*

9:00-9:15  Welcome/Introductions
9:15-9:45  Sustainable Wastewater Management: Making the Connections
9:45-10:00  Decentralized Wastewater Management - *Community Onsite Options (DVD 1)*
10:00-10:30  Basics & Fundamentals of Wastewater
10:30-10:45  Break
10:45-11:15  Introduction to Septic Systems
11:15-12:00  Soil Absorption Systems
12:00-1:00  Working Lunch - *Social Marketing*

*Session Two - Technology and Management*

1:00-1:20  Alternative Systems – Aeration Systems
1:20-1:40  Alternative Systems – Constructed Wetlands
1:40-2:45  Alternative Systems – Biological Media Filters
2:45-3:00  Break
3:00-3:15  Wastewater Management - *Approaches to Onsite Management (DVD 2)*
3:15-5:00  Hands on Training WVOTC

**DAY TWO**

*Session One – West Virginia Projects*

9:00-10:30  Toward Decentralized Wastewater Management: A Roadmap
10:30-10:45  Break
10:45-12:30  Community Case Studies
  *Mud River: Lessons from Lincoln County*
  *West Fork Cooperative (Clarksburg)*
12:30-1:30  Lunch

*Session Two – Resources*

1:30-2:30  Funding Wastewater Infrastructure
2:30-2:45  Break
2:45-4:00  Information, Resources and Tools for Communities