



Northampton County Conservation District

Act 48 Continuing Education Workshop:



Date: Wednesday, October 28, 2009

Time: 8:00AM – 4:00PM

Location: Lower Mount Bethel Welcome Center, Martins Creek PA

Capacity: 20 Teachers (most appropriate for middle & high school teachers)

Registration Deadline: October 7, 2009



Includes a Field Trip

Lunch will be provided!



A total of six (6) Act 48 Professional Development Activity Hours will be granted to PA and NJ registered teachers upon completion of the course.

“Essentially, all life depends upon the soil ... There can be no life without soil and no soil without life; they have evolved together.”

- Charles E. Kellogg, USDA Yearbook of Agriculture, 1938

Stop the Mud:

An Introduction to Soil Conservation

The workshop will include instruction, discussion, field experience, and activities conducted by:

- Northampton County Conservation District (NCCD)
- Martins-Jacoby Watershed Association (MJWA)
- PPL Corporation

Funding is provided by PPL and a PA DEP Environmental Education Grant.

The workshop will provide educators with an introduction to soil conservation including soil properties & factors associated with susceptibility to erosion, natural vs. accelerated erosion and sedimentation, environmental & economic impacts, and associated regulations. The workshop will include an overview of Best Management Practices (BMPs) associated with land development and agricultural activities. NCCD will present various classroom exercises including training on the use of EnviroScape® models to enhance visual learning techniques. The workshop will also include a field trip to several sites including construction sites, watershed rehabilitation land development areas, and agricultural areas where the educators will be able to observe the BMPs discussed.

The workshop will provide educators with curriculum based material. The content of this workshop meets the Pennsylvania Academic Standards for Science & Technology and Environment & Ecology for grades 4 through 12, including such topics as unified themes, earth sciences, watersheds, environmental health, and humans and the environment. **NCCD would also like to take this opportunity to announce that we have a non-point source pollution EnviroScape® model available for loan to organizations and schools for educational programs – please contact the District for reservations or to schedule a program.**

Workshop topics:

- Introduction to Soil Conservation
- Best Management Practices (BMPs)
 - Land Development
 - Agricultural Conservation
- Soil Conservation Classroom Activities
- BMP Field Trip



**Call or email NCCD with questions
(610) 746-1971 / northamptoncd@northamptoncd.org**

Registration and a \$10 fee are required for the workshop. Please complete the attached form to register.

Please complete the form below and detach, include \$10 (cash/check), and mail the fee and registration form to the Northampton County Conservation District, Greystone Building, 14 Gracedale Avenue, Nazareth, PA 18064-9211. Please make checks payable to: Northampton County Conservation District. Upon receipt of your registration, a workshop packet will be sent to you with directions and additional details.

Registration Deadline is October 7, 2009

Name: _____

Organization/School: _____

Grade Level: _____

Are you a registered teacher with PA or NJ Department of Education? Circle one PA NJ N/A

Address: _____

City: _____ Zip code: _____

Phone: (_____) _____

Email _____

Lunch will be provided; check here if vegetarian option is requested