



Northampton County Conservation District

Act 48 Continuing Education Workshop:



Date: Thursday, October 23, 2014

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 9, 2014



Includes a Field Trip

Lunch will be provided!



A total of seven (7) Act 48 Professional Development Activity Hours will be granted to PA 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**



**United States Department of
Agriculture
Natural Resources
Conservation Service**

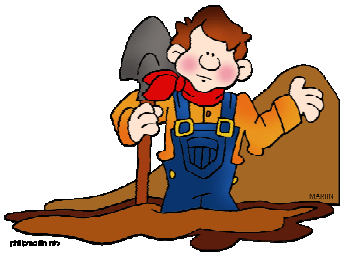
The workshop will provide educators with an introduction to soil conservation including soil properties & factors associated with susceptibility to erosion, natural vs. accelerated erosion and sedimentation, environmental & economic impacts, and associated regulations. The workshop will include an overview 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.

Financial and other support for this project is provided by the Pennsylvania Association of Conservation Districts, Inc. through a grant from the Pennsylvania Department of Environmental Protection under Section 319 of the Clean Water Act, administered by the U.S. Environmental Protection Agency. Martins-Jacoby Watershed Association (MJWA) and PPL Corporation.

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, an email will be sent to verify receipt and additional workshop information will follow with directions and additional details.

Registration Deadline is October 9, 2014

Name: _____

Organization/School: _____

Grade Level: _____

Are you a registered teacher with PA Department of Education? Circle YES or NO

Mailing Address: _____

City: _____ Zip code: _____ Phone: (____) _____

Email: _____

Please indicate if an alternative lunch option is required and we will try to accommodate (i.e. vegetarian, gluten-free, etc.):
