

Blair County Erosion & Sediment Control Plan
For Construction of Homes, Barns, Garages, and Similar Projects Which Will
Disturb Less Than One (1) Acre. (and for use with Chapter 105 GP stream permits)

Adopted: March 2013

A. Project Description _____

Landowner Name _____ Phone Number _____
Address _____
Municipality _____ Total Project Area _____
Plan Preparer _____ Phone Number _____
Address _____
Contractor or Earthmover _____ Phone Number _____
Address _____

B. Topographic Features

A plan drawing or sketch must be submitted indicating the locations of the following: north arrow, proposed & existing buildings, proposed & existing roads, rivers, streams, wetlands, lakes, ponds, other water bodies, swells, depressions, wells or water sources, proposed erosion control devices & facilities, slope of land, culverts, utility lines, steep banks, sinkholes, rock outcrops, existing & proposed stormwater facilities, and other existing or proposed significant landscape features. Items identified on the plan drawing should be labeled as clearly as possible.

* A location map must be submitted along with the plan and plan drawings. A copy of the USGS topographic map is preferred.

C. Soils Information

Soils information may be obtained from the Blair County Soil Survey. This survey is available for review at the Conservation District office.

Soil Symbol(s) _____
Name(s) of Soil Series _____

Is the soil hydric or have hydric components? Yes _____ No _____

Is the erosion hazard: Low _____ Moderate _____ Severe _____

Has the site been disturbed previously? Yes _____ No _____

If yes to above, check all that apply: Paved _____ Filled _____ Existing Building _____ Other _____

List other soil use limitations _____

*Soil tests are highly recommended to determine proper soil amendments for re-vegetation.

* Please attach a copy of the soil map with the project location indicated.

D. Characteristics of Earth Disturbance Activity

Past land use _____

Present land use _____

Proposed land use _____

*Proposed alterations (i.e. cut slopes or banks, fill areas, and other disturbed areas) must be shown on the plan drawings.

E. Project Area Runoff

*Check with the local municipality to determine stormwater control requirements.

*Up-slope water should be directed around the disturbed area using diversion ditches or diversion berms. These ditches or berms must be stabilized with seed, mulch, and/or erosion control blankets.

F. Waters of The Commonwealth

Are there streams or rivers in or near the project area? Yes____ No____

If yes, Name of receiving stream _____

Are there wetlands, springs, wet areas, or swampy areas in or near the project? Yes____ No____

Are there lakes, ponds, reservoirs, or other water bodies in or near the project? Yes____ No____

Is the project located in the 100 year floodplain? Yes____ No____ (if yes, contact municipality)

Is the project located within the floodway? Yes____ No____ (if yes, a PA DEP permit is required)

*FEMA floodway maps are available at your local municipal office and at the Conservation District office for review.

*If yes is answered to any of the above, that item must be shown on the plan drawing.

G. Erosion Controls

The following is a list of approved erosion control devices. Location of all erosion control devices must be shown on the plan drawing(s). Please check the devices that will be used for this project.

*Please refer to the standard construction details (SCD) identified in the PA DEP Erosion and Sediment Pollution Control Program Manual for proper construction and installation of erosion controls.

*Temporary erosion controls are required and must be installed prior to earth disturbance.

*Interim stabilization (i.e. seed & mulch) must be implemented if the disturbed areas are to remain inactive for 4 or more days.

*Permanent erosion controls must be implemented when the earth disturbance activity is completed.

Please Check ALL that will apply.

Temporary Controls:

Filter Fabric Fence (Silt Fence) (SCD#19)_____

Straw Bale Barriers (SCD#17)_____

Rock Construction Entrance (SCD#16)_____

Erosion Control Blankets_____

Sediment Basin_____

Sediment Trap_____

Seed & Mulch _____

Rock Filters (SCD#23)_____

Waterbars (Breakers, Grade Brakes)_____

Rock Aprons_____

Inlet Filter Bags (SCD# 28)_____

Pumped Water Filter Bags (SCD#26)_____

Others (please list)_____

Permanent Controls:

Seed & Mulch_____

Landscaping (other than grass)_____

Pavement_____

Stone (aggregate)_____

Ditches or Channels_____

Stormwater Detention_____

Others (please list)_____

H. Sequence of Construction

- 1) Install rock construction entrance.
- 2) Install temporary erosion control devices. Devices must be properly installed and operational before proceeding.
- 3) Site grading.
- 4) Temporary seeding & mulching of disturbed areas.
- 5) Building or project completion.
- 6) Install permanent erosion control devices (i.e. seed & mulch, stone, pavement, landscaping, etc.)
- 7) Remove temporary erosion control devices when 70% uniform vegetative cover, stone base, or pavement has been established over the entire disturbed area.

____ I have read and understand the above construction sequence. I plan to use this sequence for this project (**your signature**) _____ Date_____

OR

____ I do not plan to use the above construction sequence. I will use the following: (**attach your construction sequence to this sheet**).

I. Supporting Calculations

Attach a copy of all calculations conducted for culvert sizing, sediment basin design, sediment trap design, channel design, rock apron design, etc. If no calculations are required check here _____

J. Maintenance Program

All erosion control devices will be inspected on a weekly basis and after any precipitation event. **A written report documenting each inspection and all BMP repair, or replacement and maintenance activity must be kept at the site.** Sediment will be removed from erosion control devices when sediment has reduced the erosion control’s storage capacity by 50%. Sediment removed from the storage device will be placed in a location that is protected with erosion controls and will be seeded and mulched. Needed repairs or replacements of any erosion control device will be made immediately.

___ I have read and understand the above maintenance program. I plan to implement the above program for this project (**your signature**)_____ Date _____

OR

___ I do not plan to use the above maintenance program. I will use the following: (**attach your maintenance program to this sheet**).

K. Recycling & Disposal of Materials

All excess soil and rock material will be taken to a site that has been approved by the Blair County Conservation District. This site must have appropriate erosion control devices in place. Any construction waste materials will be taken to a Department of Environmental Protection approved landfill. Where possible, construction materials will be recycled.

___ I have read and understand the above recycling & disposal program. I plan to implement the above program for this project. (**your signature**)_____ Date _____

OR

___ I do not plan to use the above recycling & disposal program. I will use the following:(**attach your recycling and disposal program to this sheet**).

L. Geologic/Soil Condition

Are there any soil conditions or naturally occurring geologic formations that have the potential to cause pollution during the project? Yes___ No___ Unkown___

If yes please list and and explain how pollution will be avoided for the project. _____

M. Thermal Impacts

What steps will be taken and what BMPs will be utilized to avoid, minimize or mitigate pollution from thermal impacts. _____

N. Other Permits

Please list other permits or approvals need for this project_____

O. Certification

As the landowner/developer, I certify that this erosion and sediment control plan will be implemented and maintained as described in the plan. This plan will be available at all times at the project site during the earthmoving activity and until permanent/final site stabilization has been achieved.

Land owner signature _____ Date _____

P. What Do I submit for Conservation District Review?

- 1) 2 copies of the plan drawing(s)
- 2) 2 copies of this form (completed & signed)
- 3) 2 copies of the soils map with project location indicated.
- 4) 2 copies of the project location map (USGS topographic map preferred).
- 5) 1 copy of the *Application For An Erosion And Sediment Control Plan Review*
- 6) 1 application fee (checks made payable to Blair Conservation District).

Submit Information To:

**Blair County Conservation District
1407 Blair Street
Hollidaysburg, PA 16648**

Phone: (814) 696-0877 ext 5