



EROSION & SEDIMENT CONTROL (E&S) PLAN For projects disturbing less than one (1) acre

According to state regulations, any earth disturbance activity totaling 5,000 square feet or more is required to have a written Erosion and Sediment Control (E&S) Plan. This E&S Plan template, developed by the Fulton County Conservation District, was designed to assist landowners, developers and contractors in meeting this requirement. Earth disturbance activities totaling 1 acre or more are required to obtain a NPDES Permit.

1 – GENERAL INFORMATION

DATE: _____

Total disturbed acres: _____ Municipality: _____

Detailed project description: _____

Landowner Name: _____ Phone Number: _____

Address: _____

Contractor Name: _____ Phone Number: _____

Address: _____

Plan Preparer Name: _____ Phone Number: _____

Address: _____

2 – MAP

Complete a sketch plan or drawing of the project site and the immediate surrounding area on the attached sheet. The following information should be clearly identified on the plan drawing:

- North arrow
- Existing buildings, roadways and other structures
- Proposed buildings, roadways and other structures
- Streams, creeks and other watercourses
- Other waters (i.e., lakes, ponds, wetlands, etc.)
- Limit of earth disturbance
- Location of erosion and sediment control devices (i.e., rock construction entrance, silt fence, rock filters, etc.)

3 – SOILS

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

Soil symbol(s): _____

Name(s) of the Soil Series: _____

Is the erosion hazard **low** _____, **moderate** _____ or **severe** _____?

Is the soil **poorly drained** _____, **moderately drained** _____ or **well-drained** _____?

List other soil use limitations: _____

4 – LAND USE

Past land use: _____

Present land use: _____

Proposed land use: _____

5 – RUNOFF

All off-site surface water should be diverted away from areas to be disturbed using diversion ditches or earthen berms. These structures should be stabilized with seed, mulch and/or erosion control blankets.

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

6 – WATERS OF THE COMMONWEALTH

Are there streams, creeks or other watercourses in or near the project area? Yes _____ No _____

If yes, name the receiving stream: _____

Are there wetlands, springs or swampy areas in or near the project area? Yes _____ No _____

Are there lakes, ponds or other water bodies in or near the project area? Yes _____ No _____

Is the project located within **50 feet** of a stream? Yes _____ No _____

If yes, a PA DEP permit is *required*. Contact the Conservation District office.

7 – EROSION & SEDIMENT (E&S) CONTROLS

The following is a list of DEP approved erosion and sediment control devices. The location of all erosion and sediment control devices *must* be shown on the plan drawing(s). Refer to the standard construction details identified in the DEP *Erosion and Sediment Pollution Control Program Manual* for proper construction and installation of these controls. Temporary erosion and sediment controls are *required* and must be installed prior to earth disturbance. Permanent erosion and sediment controls must be implemented once the earth disturbance activity has been completed.

Please check ALL the erosion and sediment control devices that will be used for this project:

Temporary Erosion Controls:

Rock Construction Entrance _____

Vegetative Filter Strip _____

Straw Bale Barriers _____

Filter Fabric Fence _____

Pumped Water Filter Bags _____

Inlet Filter Bags _____

Riprap Apron _____

Rock Filters _____

Erosion Control Blanket _____

Seed and Mulch _____

Water Bars _____

Sediment Trap _____

Others: _____

Permanent Erosion Controls:

Seed and Mulch _____

Landscaping _____

Pavement _____

Stone _____

Ditches or Channels _____

Stormwater Detention _____

Others: _____

8 – 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 and mulching of disturbed areas.
5. Building or project completion.
6. Install permanent erosion control devices.
7. Remove temporary erosion control devices when a uniform 70% 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. **Signature** _____ **Date** _____

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

9 – SUPPORTING CALCULATIONS

Are design calculations required for this project? Yes _____ No _____

If yes, attach a copy of all calculations conducted for culvert sizing, sediment trap design, sediment basin design, rock apron design, etc.

10 – MAINTENANCE PROGRAM

All erosion control devices will be inspected on a weekly basis and after any precipitation event. Sediment will be removed from erosion control devices when sediment has reduced the erosion control's storage capacity to 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 within 24 hours.

_____ I have read and understand the above maintenance program. I plan to implement the above program for this project. **Signature** _____ **Date** _____

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

11 – RECYCLING AND DISPOSAL OF MATERIALS

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

_____ I have read and understand the above recycling and disposal program. I plan to implement the above program for this project. **Signature** _____ **Date** _____

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

12 – STABILIZATION

All areas that were disturbed during the earthmoving activity or placement of waste/fill materials will be stabilized as per requirements in Chapter 102.22. **This may require the placement of topsoil or other growing medium in order to achieve the required 70% vegetative cover.**

Name of responsible person _____

Signature _____ **Date** _____

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 stabilization has been achieved.

Signature _____ **Date** _____

What do I submit to the Conservation District for review and approval?

- 2 copies of the plan drawing(s).
- 2 copies of the completed and signed erosion and sediment control plan.
- 2 copies of the USGS topographic map with the project location indicated.
- 2 copies of the soils map with the project location indicated.
- 1 copy of the *Erosion & Sediment Pollution Control Plan Review Application*.
- Plan review fee (checks made payable to Fulton County Conservation District).

Submit this information to:

Fulton County Conservation District
216 North Second Street, Suite 15
McConnellsburg, PA 17233

If you have any questions regarding the development of this E&S plan for your project, please contact the District at (717) 485-3547, extension 4.

SKETCH PLAN

Complete a sketch plan or drawing of the project site and the **immediate surrounding area**. *The following information should be clearly identified on the plan drawing:*

- North arrow
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