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natural resource

www.venangocd.org

Erosion and Sediment Control Plan For Earth Disturbances Less Than One (1) Acre

This form is meant to be a tool to better help applicants determine if proposed earth disturbance can meet the requirements for Chapter 102 Erosion and Sedimentation Control during their earthmoving activities. This form may not cover all projects and additional information may be necessary depending on the scope of work. Please also see the Venango Conservation District Fee Schedule to determine the cost of any associated fees with submission of this form and others.

*1. Is the proposed project the following: Home construction Commercial
 Soil Waste Area/Borrow Area Other: _____

*2. Is the proposed project subject to Land Development approval through the County's Planning Office and/or your municipality? Yes No

*3. Total estimated disturbed area in square feet: _____

*4. Over the life of your project, will the total area to be disturbed area equal or be greater than one (1) acre (43,560 square feet)? Yes No

NOTE: If "Yes", you may need a NPDES permit and should contact the Conservation District to discuss your project.

Site Information

Address/Coordinates: _____ Municipality: _____

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Total Site Area (sqft or acres): _____ Disturbed Area

(sqft): _____

Applicant Information

Name: _____ Address: _____

Phone Number: _____ Email: _____

Owner Information

Name: _____ Address: _____

Phone Number: _____ Email: _____

Plan Preparer Information

Name: _____ Company: _____

Address: _____ Phone Number: _____

Email _____

Contractor Information (if known)

Name: _____ Company: _____

Address: _____ Phone Number: _____

Email: _____

I. Site Description:

Include a sketch map or plan drawing of the site. USGS topographic maps indicating the quad are acceptable. The map should include: north arrow, significant landscape features, streams, and an outline of the project area. Proposed Erosion and Sedimentation controls should be shown and clearly labeled and include the size of the E&S control to be used. Proposed earthwork should be included in an area noted as "Limit of Disturbance" and should encompass all areas on the project site where earth will be disturbed. This "LOD" size should correspond with #3 in the section above. A short written description of the proposed project and corresponding earthwork should be included.

II. Soils Information:

Contained in the Venango County Soil Survey. The USDA soil survey website allows you to create soils maps for your project at: websoilsurvey.nrcs.usda.gov/app/HomePage.htm. A copy of the soils map must be included with the submission.

Soil Symbol										
Soil Name										

*Please attach or add another table or sheet if more than 10 soil types are present.

Are there sinkholes or closed depressions on site or within the proposed disturbed area?

Yes No

Does the site have: Poor drainage Surface Stones/Exposed Bedrock HighWaterTable

III. Characteristics of Earth Disturbance Activity:

How has the site been used for the last 5 years? Agriculture Forest Barren

Other: _____

Have all necessary municipal approvals or requirements been obtained or otherwise met?

Yes No

If no, provide status of any approvals/requirements needed: _____

Will soil be placed on site? Yes No

Will soil be removed from the site? Yes No

Has the site been previously disturbed? If so, for what? _____

IV. Waters of the Commonwealth:

Are there streams or rivers near the project area? __Yes __No

If yes, name of nearest stream: _____

Approximate distance stream is from the disturbed limits of the project: _____

*If distance is 50' or less, a DEP permit is required.

Are there wetlands, swampy areas, springs, or wet areas within the proposed disturbed area?

__Yes __No

Is the project located within the 100-year floodplain? __Yes __No (If yes, contact Municipality)

*FEMA maps are available at your local municipal office or online at: <https://msc.fema.gov/>

*Streams, wet areas, wetlands, and swampy areas must be shown on the plan drawing/sketch.

V. Erosion & Sediment Control Best Management Practices:

Please mark which controls, both temporary and permanent, that will be used on the site.

Temporary Controls*:

Rock Construction Entrance		Erosion Control Blankets	
Silt Fence		Rock Aprons	
Silt Sock		Pumped Water Filter Bags	
Sediment Trap		Seed and Mulch	
Water Bars		Other:	

***See Maintenance Program section**

***All temporary controls should be installed as per the manufacturer and meet any minimum requirements from the DEP's Erosion and Sediment Pollution Control Program Manual, 2012 edition:**

<http://www.depgreenport.state.pa.us/elibrary/GetFolder?FolderID=4680>

Permanent Controls:

Seed and Mulch		Stone (aggregate)	
Landscaping (other than grass)		Ditches, Channels or Swales	
Pavement		Stormwater Detention	
Other:		Other:	

VI. Sequence of Construction:

The following is a general construction sequence – indicate below if the intent is to follow this general sequence or attach your own construction sequence to this form.

- (I) Install Rock Construction Entrance
- (II) Prior to earthmoving, install temporary E&S Control Best Management Practices (listed in Section V)
- (III) For soil waste or soil borrow areas – place or remove material
- (IV) Site Grading, including utility trenching, site pad and/or building construction
- (V) Installation or conversion of sediment BMPs to stormwater BMPs (if necessary)
- (VI) Permanent site stabilization and installation of permanent E&S Control BMPs (Section V)
- (VII) Remove temporary E&S control measures from step (II) once a uniform 70% perennial vegetative cover, stone base or pavement has been established over the entire disturbed area.

Yes, I intend to utilize this general Construction Sequence.

No, I intend to utilize another Construction Sequence. Please attach alternate construction sequence

VII. Supporting Calculations:

Certain proposed E&S controls require supporting calculations to show that the proposed items are correctly sized for their intended use. Attach supporting calculations for culvert sizing, sediment trap or basin design, ditch or channel or swale design, rock apron design, etc.

Supporting Calculations are Attached No supporting calculations are needed.

VIII. Maintenance Program

*Temporary E&S controls should be inspected at a minimum once a week and after every measurable rain event.

*Sediment should be removed from the devices when the device storage capacity has been reduced by 50%. This sediment should be placed in an upland area with downslope E&S controls, seeded and mulched.

*Soil stockpiles should have downslope perimeter E&S controls (generally silt fence or silt sock) installed.

I have read and agree to the above Maintenance Program. I plan to implement the above Maintenance Program.

I do not plan to use the above Maintenance Program. I plan to utilize the attached, alternative Maintenance Program (**your alternate Maintenance Program needs attached to this form**).

Signed: _____ Date: _____

IX. Recycling and Disposal of Materials:

Any and all excess soil or rock material will be taken to a site that has been approved by the Venango Conservation District. These sites must have appropriate E&S controls in place and operational. Any construction waste materials will be taken to a DEP approved landfill. Where possible, construction materials will be recycled.

I have read and agree to the above Recycling and Disposal of Materials above. I plan to implement the above program for this project.

I do not plan to use the above Recycling and Disposal program. I will use the following, which is attached to this form.

Signed: _____ Date: _____

X. Geologic or Soil Conditions:

Are there any naturally occurring geologic formations or soil conditions present that have the potential to cause pollution during the project? _____ Yes _____ No

If yes, please list and explain how these geologic formations or soil conditions will be avoided or mitigated during this project: _____

XI. Thermal Impacts:

Please provide a statement about this project, through the use of BMP's or what additional steps are being taken to limit or minimize the potential of thermally impacting the nearest receiving waters.

Are there any additional permits or approvals needed for this project? Keep in mind that all necessary permits and approvals need to be secured prior to earthmoving commencing.

___ No
___ Yes – if yes, please list: _____

***NOTE:** This form must be submitted for review by the Venango Conservation District prior to beginning any earth disturbance activity. The Conservation District or DEP may visit the site to gain a broader perspective of the proposed project site area. Dependent on a number of factors, including erosion hazards or permitting requirements, certain sites may not be feasible to be used as soil borrow or soil waste sites.

Certification:

As the __Landowner __Contractor __Other; otherwise being the responsible party and assuming responsibility for implementing this Erosion and Sedimentation control plan and maintaining BMP's as described in this plan. This plan must be kept on site throughout the duration of the earthmoving activity and until permanent (final) stabilization has been achieved.

Responsible Party Signature: _____

Date: _____ Printed Name and Title: _____

****NOTE: For your project, this E&S plan should be present on site through all stages of construction.**

Make checks payable to "Venango Conservation District"

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*This document was adapted from the Centre County Conservation District

