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... committed to quality and sustainable  
natural resource management

www.venangocd.org

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

Under PA Code Chapter 102 and the Clean Streams Law, the Venango Conservation District is delegated the authority to administer the Commonwealth's Erosion and Sediment Pollution Control Program in Venango County.

This form is meant to be a tool to 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 on our website to determine the cost of any associated fees with submission of this form and others. Please contact our Resource Technician for questions related to the Erosion & Sediment Control program or for assistance with this form by calling 814-676-2832.

- Please indicate the project type that best describes your earthmoving activity  
 Home Construction     Commercial     Agricultural     Soil Waste/Borrow Area  
 Other: \_\_\_\_\_
- Is the proposed project subject to **Land Development Approval** through the Venango County Planning Commission and/or your municipality? *More information can be found at <https://co.venango.pa.us/755/Subdivision-Land-Development-SALDO> or contact Jenna Dillion, land use planner, at 814-432-9698.*  
 Yes     No
- Total estimated disturbed area in square feet \_\_\_\_\_ft<sup>2</sup>
- Over the life of your project, will the total area to be disturbed be equal or greater than one (1) acre (43,560 square feet)? *If yes, you may need a NPDES permit and should contact our office to discuss your project.*  
 Yes     No

### Site Information

Address/Coordinates: \_\_\_\_\_

Municipality: \_\_\_\_\_

Total Site Area (ft<sup>2</sup> or acres) \_\_\_\_\_

Disturbed Area (ft<sup>2</sup>) \_\_\_\_\_

**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: \_\_\_\_\_

**Site Description**

A plan drawing or sketch map should be included. The last page of this form contains a template sketch map that you may use if plan drawings will not be created for your project. You may also use USGS topographic maps indicating the quadrangle to sketch your project. Proposed earthwork should be included in an area noted as the "Limit of Disturbance" (LOD) and should encompass all areas on the project site where earth will be disturbed. This "LOD" size should correspond with question #3 on page 1.

Please attach the following that will act as your site description:

**Plan drawing or sketch map** (with north arrow, significant landscape features, streams, wetlands, springs, swampy areas, outline of project area, temporary and/or permanent erosion & sediment controls with labels and sizes).

**Short written description** of the project and planned earthwork.

## Soils Information

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

- Yes       No

Does the site have:

- Poor Drainage       Surface Stones/Exposed Bedrock       High Water Table

## Characteristics of Earth Disturbance Activity

Please indicate the past, present, and future land uses at the site of your earthmoving activity.

Land Use Over Last 5 Years: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Present Land Use: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Future/Proposed Land Use(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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 purpose?

\_\_\_\_\_  
\_\_\_\_\_

## Waters of the Commonwealth

Are there streams or rivers near the project area?

- Yes       No

Name of Nearest Stream: \_\_\_\_\_

Indicate the Chapter 93 Classification of the Stream:

To find a stream classification, use eMapPA (<https://www.depgis.state.pa.us/emappa/>) or look up the classification in Chapter 93 of the Pennsylvania Code (<https://www.pacodeandbulletin.gov/>).

- Warm Water Fish (WWF)       Cold Water Fish (CWF)       Trout Stocking (TWF)  
 High Quality (HQ)       Exceptional Value (EV)       Migratory Fish (MF)

Approximate distance stream is from the disturbed limits of the project: \_\_\_\_\_ feet  
*If distance is 50 feet 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? *If yes, contact your municipality. FEMA maps will show if your project is within the 100 year floodplain. These maps are available at your local municipal office or online at: <https://msc.fema.gov/>.*

- Yes       No

## Erosion & Sediment Control Best Management Practices (BMPs)

Please mark which controls, both temporary and permanent, that will be used on the site. Some temporary and permanent controls must be marked. To view visual diagrams of these controls, consult the DEP Erosion & Sediment Pollution Control Program Manual online at our website.

### Temporary Controls

Any temporary controls should be acknowledged in the maintenance section. These should be installed as per the manufacturer and meet any minimum requirements from the E&S manual mentioned above.

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

## Permanent Controls

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

## 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.

1. Install rock construction entrance
2. Prior to earthmoving, install temporary E&S Control Best Management Practices (practices as indicated above).
3. For soil waste or soil borrow areas, place or remove material.
4. Site grading, including utility trenching, site pad and/or building construction
5. Installation or conversion of sediment BMPs to storm water BMPs (if necessary).
6. Permanent site stabilization and installation of permanent E&S control BMPs (practices as indicated above.)
7. Remove temporary E&S control measures from step 2 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 an alternate construction sequence.**

## 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/channel/swale design, rock apron design, etc.

- Supporting calculations are attached
- No supporting calculations are needed

## Maintenance Program

1. Temporary E&S controls should be inspected at a minimum once a week and after every measurable rain event.
2. 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.
3. 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 must be attached**).

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## 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 of Materials program. I will use the following, which is **attached to this form**.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## 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: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

## Thermal Impacts

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Approvals and Permits

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

Yes       No

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

\_\_\_\_\_  
\_\_\_\_\_

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.

Yes       No

If yes, please list: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**PLEASE NOTE:** This form must be submitted for review by the Venango Conservation District prior to beginning any earth disturbance activity. The Venango Conservation District or DEP may visit the site to gain a broader perspective of the proposed project site area. Depending 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 being the responsible party and assuming responsibility for implementing this Erosion and Sedimentation control plan and maintaining Best Management Practices 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: \_\_\_\_\_

Printed Name and Title: \_\_\_\_\_

Date: \_\_\_\_\_

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

Checks can be made payable to “Venango Conservation District”

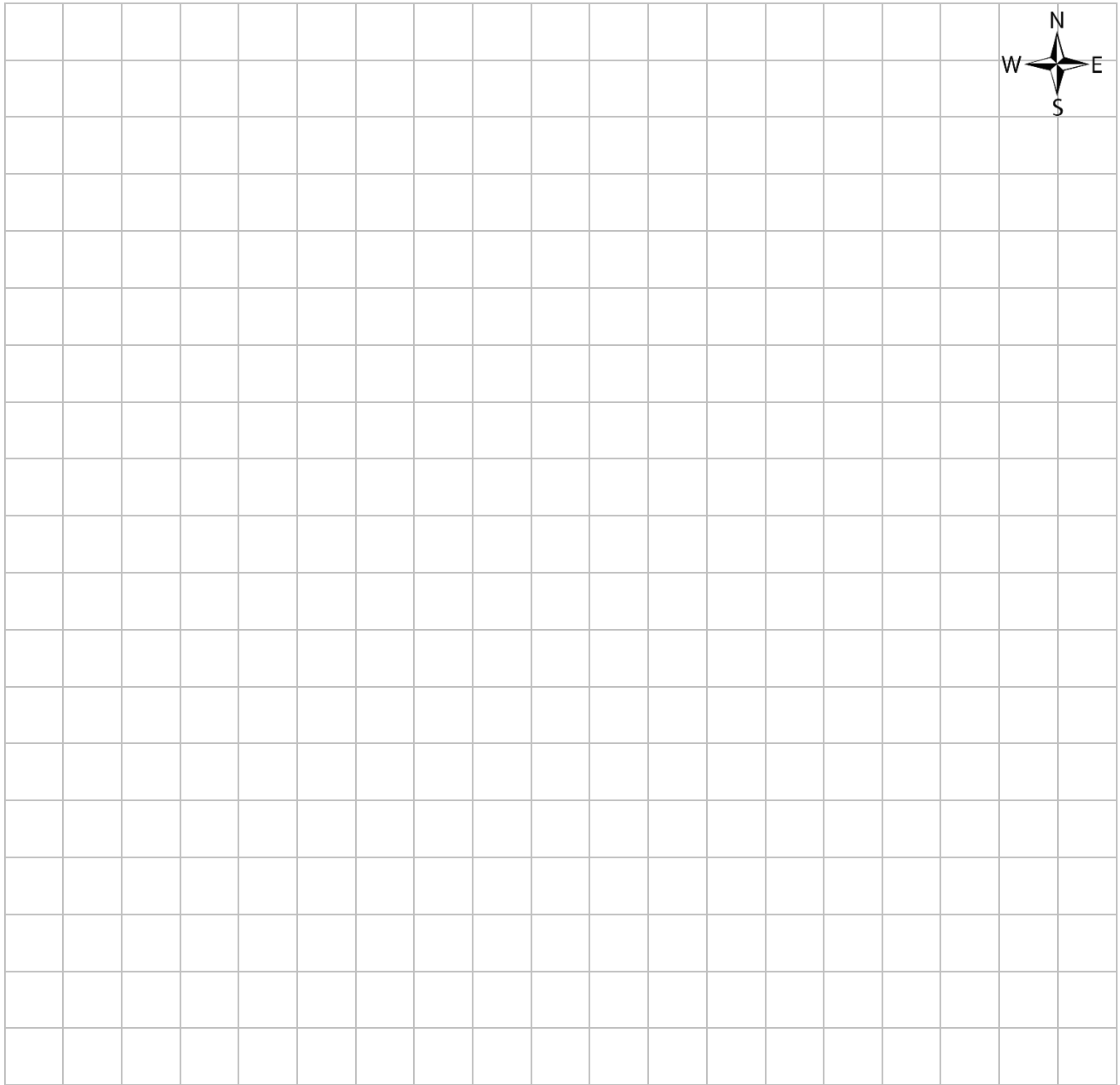
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*This document was adapted from the Centre County Conservation District*






# Project Sketch

Please use this sheet to draw the site area if no plan drawings exist for the site. Please include the items listed below and any other necessary details with labels. Feel free to attach any plan drawings if applicable to the project.



Scale: 1 inch equals \_\_\_\_\_ft

### LEGEND

-  Streams
-  Limit of Disturbance (LOD)
-  Wetlands

Please also **include your temporary and/or permanent erosion & sediment controls in your sketch**. Label each practice accordingly (i.e. a sketch of a silt sock can be a dotted line and labeled “silt sock”).