

**EROSION AND SEDIMENT CONTROL PLAN
NARRATIVE**

1. Name of Responsible Individual: _____

Address: _____

City: _____ State: _____ Zip: _____ Phone: _____

2. Project Municipality: _____

3. Has the municipality been contacted concerning this project? (Check on local requirements, zoning, and State requirements): _____

4. For new home construction project on lots purchased from a larger development, it is necessary to obtain a copy of the erosion and sediment control plan for the development. Please give the name of development, and list any special requirements:

Attach a copy of a general location map, and give written directions for locating the project site: _____

I. GENERAL INFORMATION ON PROJECT

A. Briefly describe the project: _____

B. List soil(s) located within project area: _____ (Use official soil name(s) from the Carbon County Soil Survey)

C. Total parcel acres: _____ Total disturbed acres: _____ **

D. Estimated dates for project start and completion:
START: _____ END: _____

E. Give the name of the nearest named receiving stream or body of water:

**Total disturbed areas(s) include dimensions of all disturbed area(s) associated with this project. The disturbed area(s) should include home site, access driveway, septic system, lawn area, soil borrow or fill areas, well site, utility line(s) installation, etc. Calculate using square feet.

II. STORM WATER RUNOFF AND DRAINAGE:

Are steep slopes in excess of 15% a part of your project, or the immediate surrounding area? If so, indicate how these areas will be stabilized.

Will runoff from above the project site present problems or need to be controlled during construction? If so, indicate how runoff will be diverted or controlled.

III. SEQUENCE OF CONSTRUCTION (see sample plans page for information)

In order for an erosion and sediment control plan to be effective, all phases of construction must take place in an orderly sequence. The first step in nearly all projects would be the installation of all temporary controls that are proposed for your project. The sequence should then describe the various construction steps necessary to complete the project and end with the removal of all temporary controls after the final stabilization has been completed.

Please use the space below to illustrate the proposed construction sequence for the project in the order mentioned above. Number each stage individually starting with the installation of the temporary controls.

IV. TEMPORARY CONTROLS

This section is needed to detail any temporary erosion control practices that will be implemented for your project. In most cases, the temporary controls may be used for erosion and sedimentation control purposes. List each control separately, explain why it is necessary, and the date when it can safely be removed. Drawings and designs for any practice not illustrated in this manual should be attached and referenced in this section.

V. PERMANENT CONTROLS

Prior to completion of the project, State Law requires that steps be taken to provide permanent stabilization. All disturbed areas must be protected to prevent accelerated erosion. Soil cannot be left exposed. Re-establishment of vegetation, rock rip-rap stabilization in swales, and stone placement on driveways are examples of permanent erosion controls that could be incorporated into the project. Re-vegetating descriptions should include the seeding mixture(s) to be used, top soil placement, lime and fertilizer application, and mulching requirements.

****ALL DISTURBED AREAS MUST IMMEDIATELY BE TEMPORARILY OR PERMANENTLY STABILIZED WITH CONTROL MEASURES OUTLINED WITHIN THIS BOOKLET****

VI. MAINTENANCE PROGRAM

All erosion control practices require maintenance to function properly. Hay bale dikes deteriorate and clog with sediment. Newly seeded areas may fail to germinate or be washed out by heavy rain. For example, hay bale dikes and filter fabric fences should be cleaned when they are at half of their capacity. Please describe efforts you will make to insure that all erosion control practices continue to function properly and list the person(s) responsible for the maintenance program.

STOP - CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES
THREE WORKING DAYS NOTICE

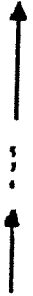
Pennsylvania One Call System, Inc.




1-800-242-1776


MAP LEGEND & SYMBOLS


ROAD  TWP RD 489

STREAM 

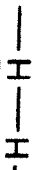
PROPERTY BOUNDARY LINE 


SLOPE % & DIRECTION 


LIMIT OF EARTH DISTURBANCE 

DRAINAGE SWALE 

SILT FENCE BARRIER 

HAY BALE BARRIER 

ROCK CONSTRUCTION
ENTRANCE 

ROCK FILTER BERM 

VEGETATIVE FILTER
AREA  WOODS OR
GRASS

FILTER
STRIP 

SAMPLE PLAN WRITE-UPS THAT CAN BE USED TO FILL IN FOR YOUR SITE SPECIFIC EROSION CONTROL PLAN DEVELOPMENT. USE THESE SAMPLES WHEN FILLING OUT YOUR EROSION CONTROL PLAN NARRATIVE.

I. SAMPLE OF AN OUTLINED CONSTRUCTION SEQUENCE. THE TEMPORARY EROSION CONTROL MEASURES SHOULD BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. THEY WILL BE IN PLACE, AND FUNCTIONAL, IF A STORM EVENT OCCURS.

- 1) Install silt fence and/or hay bales as shown on plan map.
- 2) Install driveway with stabilized stone construction entrance as shown on plan map.
- 3) Start home construction and septic system construction.
- 4) Final grade disturbed areas.
- 5) Stabilize all disturbed areas as indicated.
- 6) Remove temporary erosion and sedimentation controls (silt fence, hay bales, etc.) after grass stabilization is established. A minimum of 70% stabilization must be achieved before the temporary erosion controls could be removed.

II. TEMPORARY CONTROLS (REFER TO TEMPORARY CONTROLS SAMPLE PLAN WRITE-UP FOR ILLUSTRATING THE TEMPORARY CONTROLS THAT YOU ARE PROPOSING FOR YOUR PROJECT)

- Silt fence and/or hay bales will be installed as shown on the plan map.
- A stabilized stone construction entrance will be installed as shown on the plan map where driveway and construction traffic will enter the site.
- No disturbance is proposed in existing wooded/grassed section below the earth disturbance activity. The existing vegetation will act as a buffer strip to trap sediment. A minimum of 75 feet of existing vegetation will be left undisturbed in this area.
- Temporary rock filters will be installed as shown on plan map. These rock filters will be used in areas of concentrated flows to trap sediment.
- A temporary seeding of spring oats, or winter rye, or winter wheat will be applied to all final graded areas. This will be applied because the permanent seeding will not take place immediately following final grading operations.
- A grass/wooded buffer strip will be used as indicated on plan map

III. PERMANENT CONTROLS -- SAMPLE PLAN WRITE-UP FOR ILLUSTRATING THE PERMANENT EROSION CONTROLS THAT WILL BE USED FOR THIS PROJECT.

- All disturbed areas will be limed, fertilized, seeded and then mulched.
- Driveway will be stabilized with shale/stone.
- Stone will be placed in the road swales to prevent erosion from occurring.
- Water-bars will be placed on the road following installation procedures outlined in this narrative. These structures will divert runoff from the road that will prevent erosion.

REINFORCED FILTER FABRIC FENCE

Filter fabric fence must be installed at level grade. Both ends of each fence section must be extended at least 8 feet upslope at 45 degrees to the main fence alignment.

Sediment must be removed where accumulations reach 1/2 the above ground height of the fence.

Any fence section which has been undetermined or topped must be immediately replaced with a rock filter outlet. See rock Filter Outlet Detail.