

EROSION & SEDIMENTATION CONTROL PLAN



Montour County Conservation District
1210 Bloom Road
Danville, PA 17821
Tel: (570) 271-1140
www.montourccd.com

DISTRICT USE ONLY
DATE RECEIVED: _____
DATE APPROVED: _____

This application must be completed by the applicant or his/her agent and submitted along with the required plan information, narrative, and fee for an Erosion & Sedimentation Control Plan review.

PROJECT NAME: _____ MUNICIPALITY: _____

TOTAL ACRES: _____ DISTURBED ACRES: _____ LATITUDE: _____ ° _____ ' _____ " N

SITE LOCATION/ADDRESS: _____ LONGITUDE: _____ ° _____ ' _____ " W

CITY: _____ STATE: _____ ZIP CODE: _____

APPLICANT NAME: _____ PHONE NUMBER: _____

STREET ADDRESS: _____ EMAIL: _____

CITY: _____ STATE: _____ ZIP CODE: _____

CONSULTANT: _____ PHONE NUMBER: _____

STREET ADDRESS: _____ EMAIL: _____

CITY: _____ STATE: _____ ZIP CODE: _____

PROJECT INFORMATION:

RESIDENTIAL/MULTI-FAMILY HOUSING
Number of Lots/Units _____ Fee: \$ _____

INDUSTRIAL/COMMERCIAL
Number of Acres _____ Fee: \$ _____

TIMBER HARVESTING ACTIVITY
Number of Acres _____ Fee: \$ _____

DISTRICT USE ONLY

SIGNATURE OF APPLICANT/AGENT: _____ DATE: _____

The above signed agrees to comply with all requirements of Pennsylvania D.E.P. Title 25 Chapter 102, Erosion and Sedimentation Control Rules and Regulations, and further agrees to obtain all necessary Federal, State, County and Local permits associated with subject project. I affirm that the above referenced plan has been prepared by a person trained and experienced in Erosion and Sedimentation Control methods and techniques. The applicant also authorizes the Montour County Conservation District to make site inspections as necessary.

EROSION AND SEDIMENTATION CONTROL PLAN NARRATIVE

I. GENERAL INFORMATION ABOUT PROJECT

A. LANDOWNER: _____ PHONE NUMBER: _____

MAILING ADDRESS: _____

NAME OF CONTRACTOR/EXCAVATOR: _____

MAILING ADDRESS: _____

B. HAS THE MUNICIPALITY BEEN CONTACTED CONCERNING THIS PROJECT? YES NO

C. LAND USE:

PAST: _____ PRESENT: _____ PROPOSED: _____

D. BRIEFLY DESCRIBE YOUR PROJECT AND THE EXTENT OF EARTHMOVING: _____

E. ESTIMATED DATES FOR PROJECT START AND COMPLETION:

START: _____ END: _____

F. GIVE THE DISTANCE TO THE NEAREST RECEIVING STREAM/WATERBODY: _____

NAME OF STREAM: _____

CHAPTER 93 STREAM CLASSIFICATION: _____

G. SOIL TYPE(S): _____

(Show soil boundaries on the plan drawing and/or provide a soil map for the site)

H. HAVE WETLANDS BEEN DELINEATED ON THIS SITE? YES NO

IF NO, CHECK JUSTIFICATION:

HYDRIC SOILS ARE NOT PRESENT ON THE SITE

HYDRIC SOILS OR POSSIBLE WETLANDS ARE AVOIDED

II. STORMWATER RUNOFF AND DRAINAGE

PER MONTOUR COUNTY’S ACT 167 STORMWATER MANAGEMENT ORDINANCE, A STORMWATER MANAGEMENT PLAN IS REQUIRED WHENEVER MORE THAN **5,000 FT²** OF IMPERVIOUS SURFACE IS PROPOSED. IMPERVIOUS SURFACES ARE AREAS THAT PREVENT THE INFILTRATION OF WATER INTO THE GROUND AND SHALL INCLUDE, BUT NOT BE LIMITED TO, ROOFS, PATIOS, GARAGES, STORAGE SHEDS, AND SIMILAR STRUCTURES, AND ANY NEW ROADS DRIVEWAYS, OR PARKING AREAS.

TO CALCULATE IMPERVIOUS SURFACES PLEASE COMPLETE THIS TABLE					
SURFACE TYPE	LENGTH (FT)	X	WIDTH (FT)	=	PROPOSED IMPERVIOUS AREA (FT ²)
BUILDINGS		X		=	
		X		=	
		X		=	
ROADS/DRIVEWAYS		X		=	
		X		=	
		X		=	
PARKING AREAS		X		=	
		X		=	
		X		=	
PATIOS/WALKWAYS/ DECKS/OTHER		X		=	
		X		=	
		X		=	
TOTAL IMPERVIOUS SURFACE AREA (SUM OF ALL AREAS)					

CHECK ONE OF THE FOLLOWING:

- TOTAL IMPERVIOUS AREA IS LESS THAN 5,000 FT². NO STORMWATER MANAGEMENT PLAN IS REQUIRED FOR THIS ACTIVITY.
- TOTAL IMPERVIOUS AREA IS GREATER THAN 5,000 FT². A STORMWATER MANAGEMENT PLAN WILL BE/HAS BEEN DEVELOPED AND INCORPORATED INTO THE E&S PLAN.

III. SEQUENCE OF CONSTRUCTION

IN ORDER FOR AN EROSION AND SEDIMENTATION CONTROL PLAN TO BE EFFECTIVE, ALL PHASES OF CONSTRUCTION MUST TAKE PLACE IN AN ORDERLY SEQUENCE. EVERY EFFORT SHOULD BE MADE TO MINIMIZE THE AMOUNT OF EARTH THAT IS EXPOSED AND LIMIT THE TIME DISTURBED EARTH IS EXPOSED TO THE FORCES OF EROSION. THE FIRST STEP IN ALL PROJECTS IS THE INSTALLATION OF SEDIMENT BARRIERS OR TRAPS BELOW THE PROJECT, AND THE INSTALLATION OF ANY NECESSARY BEST MANAGEMENT PRACTICES (BMP'S) TO HANDLE RUNOFF ONTO THE 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 FINAL STABILIZATION IS COMPLETE. PLEASE USE THE SPACE BELOW AND LABEL EACH STEP IN NUMERICAL ORDER. ATTACH ADDITIONAL PAGES IF NECESSARY.

IV. TEMPORARY CONTROLS

THIS SECTION IS NEEDED TO DETAIL ANY/ALL TEMPORARY EROSION CONTROL BEST MANAGEMENT PRACTICES THAT WILL BE IMPLEMENTED DURING CONSTRUCTION. DRAWINGS AND DESIGNS FOR ANY PRACTICE NOT ILLUSTRATED IN THIS MANUAL SHOULD BE ATTACHED AND REFERENCED IN THIS SECTION.

A. CHECK IF APPLICABLE:

- | | |
|---|--|
| <input type="checkbox"/> ROCK CONSTRUCTION ENTRANCE | <input type="checkbox"/> FILTER SOCK |
| <input type="checkbox"/> FILTER FENCE | <input type="checkbox"/> EROSION CONTROL MATTING |

DIVERSION SWALE

TEMPORARY SEEDING

ROCK FILTER

RIP-RAP APRON

LIST OTHER CONTROLS: _____

B. CHECK IF APPLICABLE:

ALL ITEMS CHECKED ABOVE WILL BE TO THE SPECIFICATIONS OF THIS GUIDE.

ALTERNATIVE BEST MANAGEMENT PRACTICES AND/OR SPECIFICATIONS ARE PROPOSED AND ARE ATTACHED.

V. PERMANENT CONTROLS

PRIOR TO COMPLETION OF THE PROJECT, STATE LAW REQUIRES THAT STEPS BE TAKEN TO PROVIDE PERMANENT STABILIZATION OF THE SITE. ALL DISTURBED AREAS MUST BE PROTECTED TO PREVENT ACCELERATED EROSION. IN OTHER WORDS, SOIL CANNOT BE LEFT EXPOSED. RE-ESTABLISHMENT OF VEGETATION AND PAVEMENT ARE EXAMPLES OF PERMANENT CONTROLS. IF YOU ARE RE-VEGETATING AN AREA THE DESCRIPTIONS SHOULD INCLUDE THE SEEDING MIXTURE TO BE USED, TOP SOIL APPLICATIONS, LIME, AND FERTILIZER INSTRUCTIONS.

A. CHECK IF APPLICABLE:

PERMANENT VEGETATION WILL BE ESTABLISHED PER THE RECOMMENDATIONS OF THIS GUIDE.

ALTERNATIVE SPECIFICATIONS HAVE BEEN DEVELOPED FOR RE-VEGETATION AND ARE ATTACHED.

VI. RECYCLING OR DISPOSAL OF MATERIALS FROM THE PROJECT SITE

BRIEFLY DESCRIBE HOW WASTE MATERIALS ASSOCIATED WITH OR FROM THE PROJECT SITE WILL BE DEALT WITH.

VII. MAINTENANCE PROGRAM

ALL EROSION CONTROL PRACTICES REQUIRE MAINTENANCE TO FUNCTION PROPERLY. SPECIFIC REQUIREMENTS FOR MAINTENANCE ARE DESCRIBED ON THE DESIGN DETAIL SHEETS. PLEASE NOTE THE FOLLOWING REQUIRED MAINTENANCE PROCEDURES AND LIST OTHER APPLICABLE PROCEDURES FOR CONTROL MEASURES YOU WILL BE USING.

REQUIRED UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENTATION CONTROLS MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROLS AFTER EACH STORM EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REMULCHING, AND RENETTING MUST BE PERFORMED IMMEDIATELY.

REQUIRED SHOULD ANY MEASURE CONTAINED WITHIN THIS PLAN PROVE INCAPABLE OF ADEQUATELY REMOVING SEDIMENT FROM ON-SITE FLOWS PRIOR TO DISCHARGE OR OF STABILIZING THE SURFACES INVOLVED, ADDITIONAL MEASURES MUST BE IMMEDIATELY IMPLEMENTED BY THE PROPERTY OWNER TO ELIMINATE ALL SUCH PROBLEMS.

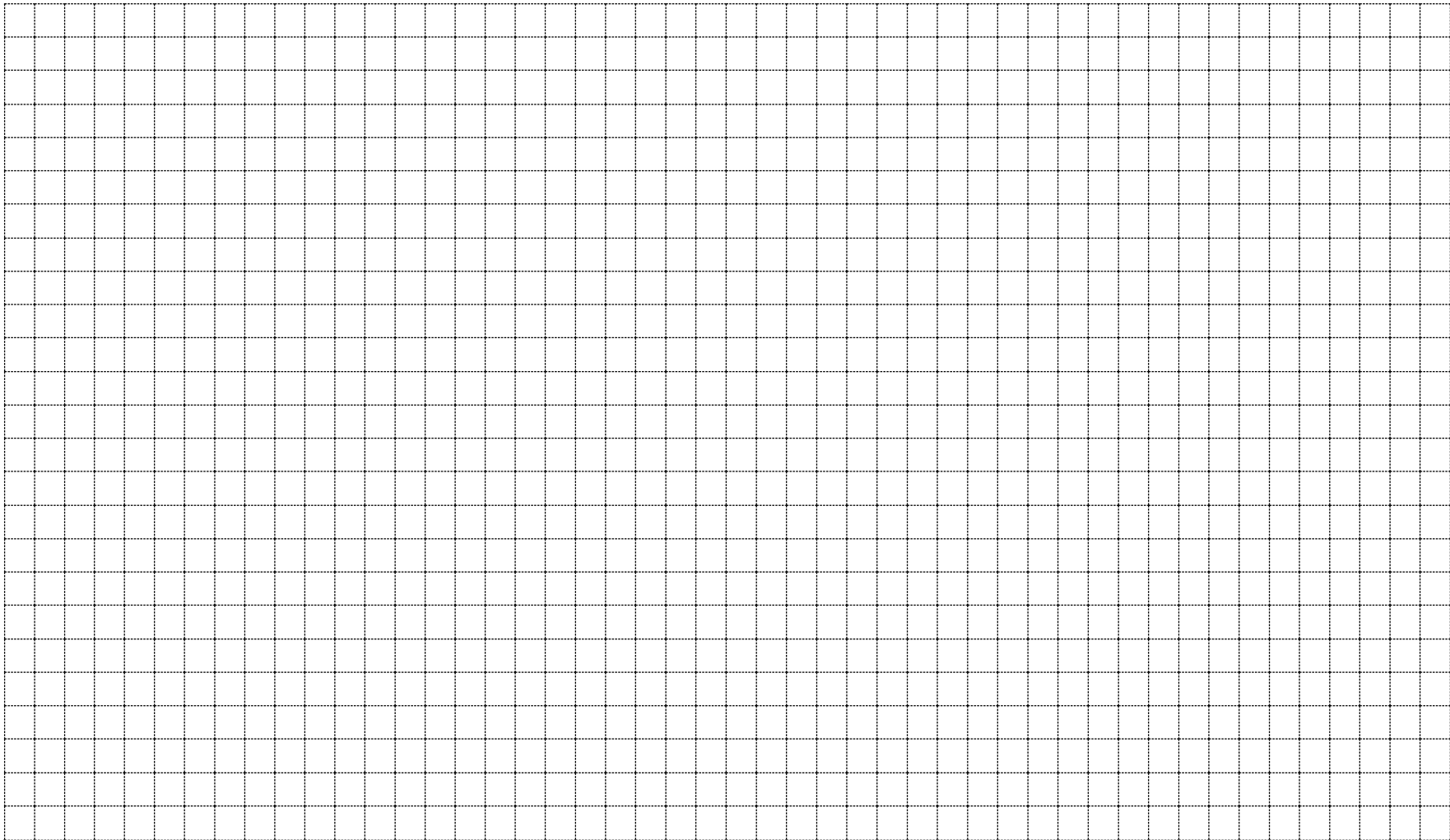
REQUIRED AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENTATION CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE CONTROLS MUST BE STABILIZED.

OTHER APPLICABLE MAINTENANCE PROCEDURES: _____

VIII. EROSION CONTROL PLAN - DRAWING

A PLAN DRAWING ILLUSTRATING YOUR EROSION CONTROL PLAN IS REQUIRED. A BLANK PLAN HAS BEEN INCLUDED TO ASSIST YOU IN THIS EFFORT. IF A BLUEPRINT PLAN IS AVAILABLE FOR YOUR LOT YOU MAY USE IT TO DEVELOP YOUR PLAN IN LIEU OF THE ATTACHED BLANK PLAN.

EROSION & SEDIMENT CONTROL PLAN DRAWING



Legend & Symbols:

Stream		Diversion Ditch	
Slope		Riprap/Rock-lined	
Project Boundary		Outlet Protection	
Limit of Disturbance		Filter Fence/Sock	

NAME: _____

PROJECT: _____

DATE: _____

CHECKLIST
EROSION AND SEDIMENTATION CONTROL PLAN

1. THE TOPOGRAPHICAL FEATURES AND SOILS OF THE PROJECT AREA.

- EXISTING AND PROPOSED CONTOURS ARE SHOWN ON THE PLAN.
- EXISTING AND PROPOSED WATERCOURSES ARE CLEARLY SHOWN (INCLUDES ANY WETLANDS).
- SUFFICIENT SURROUNDING AREA IS SHOWN WHICH INDICATES THE RECEIVING WATERCOURSE(S) OR AREAS FOR ALL DRAINAGE EXITING THE SITE.
- PLANS INCLUDE A SITE AND LOCATION MAP.
- ALL SOIL TYPES AND BOUNDARIES ARE CLEARLY MARKED ON THE PLAN DRAWINGS. SOIL CHARACTERISTICS ARE PRESENTED IN THE PLAN NARRATIVE.
- IF HYDRIC SOILS ARE FOUND ON THE SITE A WETLAND DETERMINATION MUST BE PERFORMED AND ALL WETLANDS WITHIN THE PROJECT AREA MUST BE DELINEATED ON THE PLAN DRAWINGS.

2. THE PROPOSED ALTERATION TO THE PROJECT AREA.

- DRAWINGS ARE LEGIBLE AND ARE OF SUFFICIENT DETAIL TO CLARIFY OPERATIONS AT EACH AND EVERY STAGE OF CONSTRUCTION. MAP MUST INCLUDE A NORTH ARROW.
- FINAL GRADES, CONTOURS AND WATERCOURSES ARE CLEARLY SHOWN.
- THE SEQUENCE OF OPERATIONS AT EACH STAGE OF CONSTRUCTION, INCLUDING IMPLEMENTATION OF CONTROL MEASURES AND CONTROL FACILITIES, IS CLEARLY EXPLAINED WITHIN THE PLAN NARRATIVE.
- DRAWINGS AND/OR NARRATIVE PROVIDES CONSTRUCTION AND MATERIALS SPECIFICATIONS FOR THE TEMPORARY CONTROL MEASURES AND CONTROL FACILITIES FOR USE DURING EARTHMOVING.
- PLAN NARRATIVE DETAILS THE MAINTENANCE REQUIREMENTS AND CONTAINS A SCHEDULE FOR MAINTAINING ALL CONTROL MEASURES AND CONTROL FACILITIES.

- RESPONSIBILITY (PERSON OR WORK GROUP IDENTIFIED) FOR ALL MAINTENANCE WORK IS CLEARLY STATED.
- DRAWINGS AND/OR NARRATIVE PROVIDES CONSTRUCTION AND MATERIALS SPECIFICATIONS FOR PERMANENT CONTROL MEASURES AND CONTROL FACILITIES.

3. CONTROL MEASURES

- WORK STAGING MINIMIZES EXPOSED AREAS DURING EARTHMOVING.
- ALL SURFACE WATERS FROM UPSTREAM AREAS ARE DIVERTED SAFELY AWAY FROM EARTHMOVING AREAS.
- CONDITIONS FOR ACHIEVING PERMANENT SITE STABILIZATION ARE PROVIDED IN THE PLAN NARRATIVE.
- PROVISIONS FOR INTERIM STABILIZATION MEASURES ARE PROVIDED IN THE PLAN NARRATIVE.
- ALL RUNOFF FROM THE PROJECT AREA IS CONVEYED TO A CONTROL MEASURE OR CONTROL FACILITY BEFORE ENTERING A RECEIVING WATERCOURSE.

CHAPTER 93 STREAM CLASSIFICATIONS FOR MONTOUR COUNTY

<i>STREAM</i>	<i>ZONE</i>	<i>CLASSIFICATION</i>
CHILLISQUAQUE CREEK	BASIN	WWF
KASE RUN	BASIN	CWF
LIMESTONE RUN	BASIN	WWF
LITTLE ROARING CREEK	BASIN	CWF
MAHONING CREEK	MAIN STEM, SOURCE TO PA-54 BRIDGE	TSF
MAHONING CREEK	MAIN STEM, PA-54 BRIDGE TO MOUTH	WWF
MAHONING CREEK (UNNAMED TRIBUTARIES)	BASINS, SOURCE TO PA-54 BRIDGE	CWF
MAHONING CREEK (UNNAMED TRIBUTARIES)	BASINS, PA-54 BRIDGE TO MOUTH	CWF
MAUSES CREEK	BASIN	CWF
ROARING CREEK	MAIN STEM, LICK RUN TO MOUTH	TSF
ROARING CREEK (UNNAMED TRIBUTARIES)	BASINS, LICK RUN TO MOUTH	CWF
SECHLER RUN	BASIN	CWF
SUSQUEHANNA RIVER	BASIN	CWF
TOBY RUN	BASIN	CWF

CWF – COLD WATER FISHES

WWF – WARM WATER FISHES

TSF – TROUT STOCKING