

Standard Stormwater Management Plan for Agricultural Structures

PROPERTY OWNER INFORMATION

Last Name		First Name	
Mailing Address: Street			
City	State	Zip	
Phone	Mobile		
Email			

PROJECT / PROPERTY INFORMATION

Description of Work			
Street Address of Jobsite (If Available)			
City	State	Zip	
Description of Property Location if no Assigned Address			
8-Digit Property Tax Account #	Tax Map	Parcel	
Acres SQ FT	Lot Size (Circle One)		¹ Disturbed Area (SF) ² Impervious Area (SF)
Distance of disturbed area to nearest Waters of the State		Describe the water feature, e.g. stream, wetland, floodplain, etc.	
¹ Disturbed Area = The surface area (length times width) of any excavating, stockpiling, scraping, grubbing, root mat or top soil disturbance or any combination thereof.			
² Impervious Area = Any surface that does not allow stormwater to infiltrate into the ground at a rate at least the same as "Woods in good condition". (SWM Design Manual)			

APPLICANT/CONTRACTOR INFORMATION

Company Name		
Contact: Last Name	Contact: First Name	
Company Mailing Address: Street		
City	State	Zip
Phone	Mobile	
Email		
Responsible Personnel Certification No.		Year Issued

Environment Article, Title 4, Subtitle 2, Annotated Code of Maryland requires that environmental site design (ESD) practices be used to the maximum extent practicable to treat runoff from new and redevelopment projects. The requirements for stormwater management found in the State law, the Code of Maryland Regulations (COMAR 26.17.02), and the Frederick County Code, (Chapter 1-15.2) will be satisfied if the Limitations, Conditions, and Construction requirements specified in this document are met for the construction of agricultural structures. ESD practices used beyond the requirements specified below shall be designed according to the 2000 Maryland Stormwater Design Manual (Manual).

This Standard Stormwater Management Plan is subject to approval by the:

Frederick County Soil Conservation District
92 Thomas Johnson Drive, Suite 200
Frederick, MD 21702
Phone: 301-383-8782

Limitations

This standard stormwater management plan may be used for the construction of agricultural structures if all of the following limitations are met:

1. The intended use of the structure is in connection with implementing agricultural land management practices and includes the storage and basic processing of products produced on the farm on which it is located, and livestock propagation. Basic processing includes the cutting, drying, and packaging necessary to store and use on the farm as well as market farm products.
2. The agricultural structure is not to be used for human occupancy or access to the general public and will not cause flooding of adjacent property, structures, or roadways.
3. No more than 1 acre (43,560 square feet) of earth will be disturbed during construction, unless additional disturbances are authorized by the Soil Conservation District in conjunction with the use of Natural Resources Conservation Service (NRCS) Conservation Practice 378 -Pond (378) or an excavated pond that does not meet 378 criteria.
4. A small pond as defined in 378 or an excavated pond not meeting 378 criteria that is approved by the local Soil Conservation District shall not be used for any purpose other than surface water control.
5. An NOI for coverage under the General Permit for Stormwater Associated with Construction Activity must be submitted to MDE for any project that disturbs one or more acres.
6. No disturbance or construction shall occur within 100 feet of any perennial stream, water body, tidal wetland, or mean high water line.
7. The maximum impervious area may not exceed 7,500 square feet.

Conditions

1. To the extent practical, all impervious areas shall drain and discharge continuously through vegetation in a non-erosive manner. The length of the vegetation shall be at least equal to the length of the contributing impervious area. Concentrated runoff should be avoided.
2. A 3 to 5 foot wide splash strip shall be provided around any structure built without gutters and downspouts to prevent erosion. Structures built with gutters and downspouts shall sheet flow in a non-erosive manner continuously through at least 75 feet of vegetation unless an additional ESD practice is used as specified in the Manual.
3. Vegetated areas used for filtering runoff shall have a slope no greater than 5% and be permanently stabilized using an appropriate NRCS Conservation Practice (e.g., 332 -Buffer Strips, 342 -Critical Area Planting, 393 -Filter Strip. etc.) or another method specified by the Soil Conservation District.
4. Access roads shall be no wider than 15 feet and be graded such that sheet flow is established. Any road swales or ditches shall be properly stabilized and sized to accommodate the drainage area to them.
5. ESD practices may be used in lieu of the required vegetation lengths provided they are designed according to the Manual.
6. For disturbances greater than 1 acre using a pond built according to 378 or an excavated pond not meeting 378 criteria that is approved by the local Soil Conservation District, ESD practices shall be used according to the Manual to control the water quality volume for the site (WQv or 1 inch of rainfall) provided that the ponds are designed to address the appropriate channel protection volume (Cpv) requirements.
7. Compliance must be demonstrated for all federal, State, and local requirements. This includes, but is not limited to erosion and sediment control. Critical Area, Forest Conservation. Wetland and Waterways, local zoning, off-site flooding restrictions, concentrated animal feeding operations, etc.
8. Personnel from the Catoctin and Frederick Soil Conservation Districts and/or the appropriate enforcement authority shall have access to the property for inspection purposes.

9. A sketch plan shall be submitted indicating property lines, road frontages, the location and size of existing and proposed structures (e.g., barn, access road, storage sheds, etc.), the location of all waters of the State (Perennial streams, open water, etc.), limits of disturbance, direction of surface flow, any erosion and sediment controls necessary to prevent off-site sedimentation, and any other information specified by the appropriate approval authority.
10. Operation and maintenance off all water control practices shall be assured in perpetuity.

Construction

1. The applicant shall notify the Soil Conservation District and/or the appropriate enforcement authority at least 48 hours prior to starting site work.
2. Off-site tracking or sediment laden discharges are strictly prohibited.
3. Any and all erosion and sediment control practices necessary to control runoff during construction shall be installed and maintained according to the criteria contained in the most recent version of the Maryland Standards and Specifications for Soil Erosion and Sediment Control.
4. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within three (3) calendar days on the surface areas of all sediment controls, stockpiles, and perimeter slopes; and seven (7) calendar days for all other disturbed areas on the site not being actively graded.
5. All stormwater management practices or runoff controls shall be installed and maintained according to this Standard Plan and the Manual. Any alteration or modification of these practices requires the approval of the Soil Conservation District.
6. Access to the site will be made available at all reasonable times during construction and with reasonable notification after construction for inspection by the Soil Conservation District.
7. The applicant shall promptly repair or restore all sediment control and stormwater practices found to be in noncompliance.
8. The Soil Conservation District reserves the right to deny approval under this Standard Plan and require that a design be prepared according to the Frederick County Code, Chapter 1-15.2 and the Manual.
9. Coverage under this Standard Plan shall remain valid for two (2) years from the date of approval.

Signatory

I hereby certify that I have the authority to make application for coverage under this Standard Plan; that the information contained herein is correct and accurate; and that all clearing, grading, construction, and development will be conducted according to the above Limitations, Conditions, and Construction requirements.

Printed Name of Applicant

Date

Signature of Applicant

Date

Soil Conservation District - Approved by

Date