

Building Permit # \_\_\_\_\_  
Grading Permit # \_\_\_\_\_



Dorchester County Department of Public Works  
5435 Handley Road  
Cambridge, Maryland 21613  
410-228-2920

### Storm Water Management Plan for Agricultural Building Construction

**OWNER/DEVELOPER INFORMATION**

\_\_\_\_\_  
Last Name                      First Name                      MI                      (\_\_\_\_\_) Phone                      E-mail Address

\_\_\_\_\_  
Present Address (No. & Street)                      City/Town                      State                      Zip Code

**PROJECT INFORMATION**

\_\_\_\_\_  
Project Address (No. & Street)                      City/Town                      State                      Zip Code

Tax Map \_\_\_\_\_ Liber \_\_\_\_\_ Folio \_\_\_\_\_ Parcel \_\_\_\_\_ Block \_\_\_\_\_

Recorded Subdivision Planning and Zoning File Number \_\_\_\_\_

Lot Size \_\_\_\_\_ Total Disturbed Area \_\_\_\_\_ Total Impervious Area \_\_\_\_\_

**LIMITATIONS**

The requirements for stormwater management found in Dorchester County Code §134 and the Code of Maryland Regulations (COMAR) will be satisfied if environmental site design (ESD) practices are used to the maximum extent practicable (MEP) to treat runoff according to Chapter 5 of the **2000 Maryland Stormwater Design Manual** (Manual). Additional limitations are:

- 1. The project is for an approval of an agricultural accessory use farm building excluding poultry houses. The building use must be for equipment storage, stables or shop supporting agricultural use on an active farm and not requiring a dedicated parking area;;
- 2. Total site impervious cover shall not exceed 15% of the lot size; and
- 3. Total land area disturbed during construction shall be less than 30,000 square feet.
- 4. This Standard Plan shall not be used in areas of special concern (e.g., karst geology, sinkhole activity, surface water supply reservoirs, wellhead protection areas, sensitive stream systems, etc.) or if site conditions such as slope, soil type, high groundwater, etc. present a challenge; and
- 5. Documentation must be submitted to show that ESD has been implemented to the MEP before structural practices found in the Manual that address these characteristics and specified by the County is/are used.

**CONDITIONS**

The following conditions for design and construction shall be met and maintained. All stormwater management systems shall be designed by integrating site design, natural hydrology, and smaller controls to capture and treat runoff onsite. The standard for characterizing predevelopment runoff characteristics for new development projects shall be woods in good hydrologic condition. If the following design conditions are met, all stormwater management obligations will be satisfied.

**DESIGN**

- A.
  - 1. All ESD practices shall be designed and located to prevent, flooding, soil erosion, increases in nonpoint pollution and minimize pollutants in stormwater runoff.
  - 2. Calculations for the Rainfall Target (Pe) will need to be submitted. If a Pe of 1" can be determined, stormwater credits maybe used to meet water quality and recharge requirements.
  - 3. All rooftop downspouts shall discharge to and drain continuously through at least 75 feet of vegetation (e.g., vegetated channel, swale, or filter strip) in a non-erosive manner to the property line.

4. The drainage area to each rooftop downspout shall be 500 square feet or less. Drainage areas to individual downspouts greater than 500 square feet shall be treated using rain gardens, rain barrels, or other similar practices as approved by the MDE/WMA or the Dorchester County Department of Public Works.
5. Roof top impervious area can be treated as a non rooftop disconnection provided water is allowed to sheet flow off of the roof onto a stone splash pan in lieu of gutters. A reduced vegetated disconnection length of 40 feet must be is provided. Acceptable vegetation would include grass, woods, pasture, meadow and orchards. Cropland is not considered a vegetated buffer.
6. To the extent practical, all other site impervious areas including access roads and driveways shall drain and discharge continuously through vegetation in a non-erosive manner. The length shall be equal to that of contributing impervious area.
7. ESD practices may be used in lieu of providing the required rooftop and other impervious area vegetation lengths. Design constraints specific to each ESD practice as specified in the Manual must be addressed.
8. The total impervious area draining to any ESD practice shall conform to the specifications listed in the Manual.

B. The following information must be attached to this application for coverage under the standard plan:

1. A Plan showing the dimensions of property lines and road frontage;
2. The location and dimensions of all proposed structures (e.g., buildings, access and driveways);
3. If present, the location of the Critical Area buffer, nontidal and tidal wetlands, and perennial streams and their associated floodplain;
4. Limits of disturbance and the location and dimensions of all disconnected impervious areas and ESD practices.

**CONSTRUCTION**

1. The Dorchester County Department of Public Works shall be contacted a minimum of 48 hours (two business days) prior to the start of construction.
2. All stormwater practices and/or runoff controls shall be installed and maintained according to this Standard Plan and the criteria contained in Chapter 5 of the Manual. Subsequent alteration or modification of these practices requires the approval from the Dorchester County Department of Public Works.
3. Access to the site will be made available at all reasonable times during construction and with reasonable notification after construction for inspection by the Dorchester County Department of Public Works.
4. The applicant/homeowners shall promptly repair and/or restore all stormwater practices found in noncompliance by the Dorchester County Department of Public Works.
5. The Dorchester County Department of Public Works reserves the right to deny approval under this Standard Plan and require that a design be prepared according to the Dorchester County Code §134 and the Manual.
6. Nothing in this Standard Plan relieves the applicant from complying with any and all federal, State, and local laws and regulations.
7. At a minimum, inspections shall be made by the Dorchester County Department of Public Works and documented for each ESD planning technique and practice upon completion of final grading, establishment of permanent stabilization, and before issuance of use and occupancy approval.
8. Coverage under this Standard Plan shall remain valid for two years from the date of approval.

**CERTIFICATION**

I hereby certify that I have the authority to make application to 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 Requirements, Conditions and Project Information.

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Name (Please Print)

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Signature

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Date

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Day Time Phone Number

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Application Approved by

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Date

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Final Inspection Approval

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Date