



MARYLAND DEPARTMENT OF THE ENVIRONMENT

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Larry Hogan
Governor

Ben Grumbles
Secretary

Boyd Rutherford
Lieutenant Governor

August 2013 - Final

**Maryland Department of the Environment
Water Management Administration
Standard Stormwater Management Plan for
Agricultural Structures – Model**

Owner Information

Last Name: _____ First: _____ Mi: _____
 Street Address: _____
 City/Town: _____ State: _____ Zip: _____
 Phone: _____ Cell: _____ email: _____

Project Information

Description: _____

 Street Address: _____
 City/Town: _____ State: _____ Zip: _____

Total Lot Size: _____ square feet or acres (circle one)
 Total Disturbed Area: _____ square feet
 Total Impervious Area: _____ square feet
 Distance of disturbed area from nearest waters of the State (e.g., perennial stream, tidal/nontidal wetland, mean high water line) _____ feet

Contractor Information

Last Name: _____ First: _____ Mi: _____
 Street Address: _____
 City/Town: _____ State: _____ Zip: _____
 Phone: _____ Cell: _____ email: _____
 Responsible Personnel Certification Number/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 [local stormwater ordinance] will be satisfied if the Limitations, Conditions, and Construction requirements specified below 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).



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 Queen Anne's 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 Queen Anne's Soil Conservation District shall not be used for any purpose other than surface water control. A Notice of Intent to be covered under the General Permit for Stormwater Associated with Construction Activity will be required to be submitted to MDE.
5. No disturbance or construction shall occur within 100 feet of any perennial stream, water body, tidal wetland, or mean high water line.

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 the 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 60 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 Queen Anne's 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 Queen Anne's Soil Conservation District, ESD practices shall be used according to the Manual to control the water quality volume for the site (WQ_v or 1 inch in 24 hours) provided that the ponds are designed to address the appropriate channel protection volume (Cp_v) 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. The Queen Anne’s Soil Conservation District or 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 (Critical Area buffer, tidal wetlands, 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 of all water control practices shall be assured in perpetuity.

Construction

1. The applicant shall notify the Queen Anne’s Soil Conservation District 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 Queen Anne’s 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 Queen Anne’s Soil Conservation District.
7. The applicant shall promptly repair or restore all sediment control and stormwater practices found to be in noncompliance.
8. The Queen Anne’s Soil Conservation District reserves the right to deny approval under this Standard Plan and require that a design be prepared according to the Queen Anne’s County stormwater management ordinance and the Manual.
9. Coverage under this Standard Plan shall remain valid for two (2) years from the date of approval.

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: _____
Approved by: _____ Date: _____

