



**WASHINGTON COUNTY
DIVISION OF PUBLIC WORKS**

County Administration Building
100 West Washington Street, Room 238
Hagerstown, Maryland 21740-4735
Telephone/TDD: 240-313-2257
Fax: 240-313-2251

Capital Project Engineering
Communications Maintenance
Hagerstown Regional Airport
Highways
Land Development Engineering
Parks, Recreation & Facilities
Transit

**STANDARD STORMWATER MANAGEMENT PLAN FOR
SINGLE LOT RESIDENTIAL CONSTRUCTION**

Owner Last Name		Owner First Name		Mi	Owner Phone	Owner Email address
Owner Present Address (No. & Street)			City/Town	State	Zip	
Project Address (No. & Street)			City/Town	State	Zip	
Tax Map	Liber	Folio		Parcel	Block	
Builder Name & Address					Phone	
Lot Size				Square feet		
Total area of disturbance				Square feet		
Total Impervious Area				Square feet		
Executed Maintenance Agreement Included?				Y/N		
Standard Detail for ESD Structure Attached?				Y/N		

The requirements for stormwater management found in the Washington County Grading, SWM and Soil Erosion and Sediment Control Ordinance (Ordinance) 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 the latest edition of the Maryland Stormwater Design Manual (Manual).

Limitations:

1. The project is a single lot residential construction and there is no contiguous land undergoing development by the same owner, builder, or developer.
2. Total land area disturbed during construction shall be less than 15, 000 square feet.
3. This Standard SWM Plan shall not be used within a sensitive area, as defined by the Ordinance.
4. Documentation, including engineering computations completed in accordance with the requirements of the Manual and the Washington County Standards and Specifications for Public Works Construction, must be submitted for review and approval demonstrating that ESD planning techniques and practices have been implemented to the MEP before structural practices are implemented. Structural stormwater measures must be consistent with the Manual and address the site characteristics and requirements of the Washington County Division of Public Works (Division).

Conditions:

The following conditions for design and construction shall be met and maintained. All ESD planning techniques and practices and structural stormwater management measures shall be designed by integrating site design, natural hydrology, and smaller controls to capture and treat surface water 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:

1. All ESD planning techniques and practices shall be designed and located a minimum of 15 feet from any building footer and shall be located to prevent basement seepage, flooding, soil erosion, increases in nonpoint pollution.
2. All ESD planning techniques and practices shall be designed to minimize pollutants (sediment, nitrogen and phosphorous) in the stormwater runoff from both new and redevelopment sites.
3. All rooftop downspouts shall discharge, in a non-erosive manner, to and drain continuously through at least 75 linear feet of vegetation (e.g. vegetated channel, swale, or filter strip) at a slope not exceeding five (5) percent to the property line.
4. To the MEP, all other site impervious areas shall discharge and drain, in a non-erosive manner, continuously through vegetated flow path at a slope not exceeding five (5) percent. The vegetated flow path length (in feet) shall be equal to or greater than the length (in feet) of the contributing impervious area.
5. All access roads and/or driveways constructed for this project shall use open sections in lieu of curb and gutter.
6. ESD planning techniques and practices may be used in lieu of providing the required rooftop and other impervious area vegetation lengths.
7. Design constraints specific to each ESD planning technique and practice as specified in the Manual and the Washington County Standards and Specifications for Public Works Construction must be addressed.

8. The total impervious area draining to any ESD planning technique and practice shall conform to the specifications listed in the Manual and the Washington County Standards and Specifications for Public Works Construction.
9. The drainage area to any rooftop downspout shall not exceed 500 square feet.
10. The following information, prepared by a Qualified Professional as defined in the Ordinance, must be attached to this application for coverage under this Standard Stormwater Management Plan:
 - a. Plan showing the dimensions of property lines with bearings and distances, and road frontage identified. Minimum plan sheet size 8 1/2"x11". Minimum scale is 1"=50 feet. Larger scale may be required by the Division.
 - b. Location and dimensions of all existing and proposed structures (e.g., house, garage, driveway, well, septic system).
 - c. Elevations for existing/proposed house first floor and basement floor level(s), centerline of driveway at public right-of-way, building corners, and along the centerline of vegetated flow paths at twenty-five (25) feet intervals.
 - d. If present, the location of the sensitive areas (as defined by the Ordinance) and sensitive area buffers.
 - e. Limits of disturbance delineated.
 - f. The location of all disconnected impervious areas and ESD planning techniques and practices. Details for any ESD structural stormwater measures (existing, required or proposed) including elevations and dimensions.
 - g. Existing and proposed contours at two (2) feet intervals within the proposed limits of disturbance.
 - h. Delineation of all soil types within the proposed limit of disturbance.
 - i. Location of any existing or required on-site easements (drainage, forest conservation, streams or wetland buffers, floodplains, utility) adequately dimensioned.
 - j. Building setback requirements dimensioned and clearly labeled.
 - k. North arrow shown.
 - l. Vicinity map shown, scale not to exceed 1"=2000'.
 - m. Name, address, Maryland license number, seal and signature of Qualified Professional responsible for the information prepared.

Construction:

1. The Division and the Washington County Soil Conservation District (District) shall be contacted at least five (5) days prior to the start of construction.
2. All ESD planning techniques and practices and structural stormwater measures and/or runoff controls shall be installed and maintained according to this Standard Stormwater Management Plan and the criteria contained in the Manual. Subsequent alteration or modification of these practices requires the prior approval from the Division and the District.
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 Division and the District.

4. The property owner shall promptly repair and/or restore all stormwater practices found in noncompliance by the Division and the District.
5. The Division and the District reserves the right to deny approval under this Standard Stormwater Management Plan and require that a design be prepared according to the Ordinance and the Manual.
6. Nothing in this Standard Stormwater Management Plan relieves the applicant from complying with any and all federal, State, and local laws and regulations.
7. At a minimum, regular inspections shall be made and documented for each ESD planning technique and practice and structural stormwater measure in accordance with the requirements of the Ordinance. For all structural measures, construction inspection shall be performed at a minimum, upon completion of final grading, the establishment of permanent stabilization, and a Grading Certification shall, in accordance with Article 4 of the Ordinance, be provided to the Division before issuance of use and occupancy permit.
8. Coverage under this Standard Stormwater Management Plan shall remain valid for two (2) years from the date of approval. It may be renewed for an additional two (2) years by the Division.
9. A completed and executed maintenance agreement for any structural SWM measure shall be provided prior to grading permit issuance in accordance with the Ordinance.
10. An approved Sediment and Erosion Control Plan (standard or site specific) must be obtained from the District prior to issuance of a grading permit for this project.

I hereby certify that I have the authority to make application to this Standard Stormwater Management 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.

Signature of Property Owner

Date

Printed Name of Property Owner

Approved by

Date