



HARFORD COUNTY GOVERNMENT
DEPARTMENT OF PUBLIC WORKS
BUREAU OF STORMWATER MANAGEMENT
212 S. BOND STREET, 3RD FLOOR, BEL AIR, MD 21014
PHONE: 410.638.3509 FAX: 410.893.3849

STANDARD STORMWATER MANAGEMENT PLAN APPLICATION FOR SINGLE LOT RESIDENTIAL CONSTRUCTION

BUILDING PERMIT NO.	
STANDARD ESC PLAN NO.	
STANDARD SWM PERMIT NO.	

PROJECT INFORMATION

Project Address (No. & Street) _____ City _____ Zip Code _____

Lot Size _____ sq ft Total Disturbed _____ Sq ft Total Impervious Area _____ sq ft

Longitude _____ Latitude _____ Lot No. _____ Tax Map and Parcel No. _____

Site Use ☐ Residential ☐ Commercial ☐ Other (Explain) _____

PROPERTY OWNER INFORMATION

Property Owner Name _____ Home Phone/Cell No. _____ Email Address _____

Present Address (No & Street) _____ City/Town _____ Zip Code _____

APPLICANT INFORMATION (FILL ONLY IF DIFFERENT FROM ABOVE)

Company Name _____ Office Phone _____

Applicant Name for Company _____ Phone & Ext/Cell No. _____ Email Address _____

Company Address (No & Street) _____ City/Town _____ Zip Code _____

ACKNOWLEDGMENT

By submitting this application, the applicant certifies and agrees: (1) That the applicant is authorized to make the application because the applicant is the property owner or an authorized agent of the property owner; (2) That all the information provided is correct; (3) To comply with all the laws and regulations of Harford County that are applicable to the request; (4) To perform only the work as specifically described in this application; (5) To grant County officials/employees the right to enter on the property for purposes of inspecting the work permitted, posting notices; and performing a stormwater facility inspection every three (3) years in accordance with Harford County Code §214-43 A.(1)

Property Owner/Applicant Signature _____ Date _____ Property Owner/Applicant (Print Name) Date _____

NOTE: This application is not valid unless completed fully and all required information is attached.

REQUIREMENTS

The requirements for stormwater management found in the Harford County Code, Chapter 214, 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**.

The **2000 Maryland Stormwater Design Manual, Volumes I & II** and subsequent revisions, is available in hard copy or electronic format. For more information or to order a copy of the Design Manual, see MDE's website www.mde.state.md.us or call 410.537.3543.

The following information must be attached to this application for coverage under the Standard Plan and is incorporated therein:

1. Plat showing the dimensions of property lines and road frontage
2. Location and dimensions of all proposed structures (e.g., house, garage, driveway, well, septic system)
3. If present, the location of the Critical Area buffer, non-tidal and tidal wetlands, perennial streams, and their associated floodplains
4. Limits of disturbance.
5. The location and ESD treatment volume of all disconnected impervious areas and ESD practices; and
6. The target rainfall required to be treated and the target rainfall treated (Prerequired and Preadressed).

LIMITATIONS

The Standard SWM Plan may be used instead of a detailed plan for earth disturbances where all the following conditions are met, and this application is approved by the County:

1. The project is a single lot residential construction not within a developing subdivision.
2. There is no contiguous land undergoing development by the same owner, builder, or developer.
3. Total site impervious cover shall not exceed 15% of the lot size; and
4. Total land area disturbed during construction shall be less than 30,000 square feet. Land area that is disturbed for septic system construction may be subtracted from the total disturbed area provided it is re-vegetated.
5. The 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 the site conditions such as slope, soil type, high groundwater, etc. present a challenge; and
6. Documentation must be submitted to show that ESD has been implemented to the MEP before structural practices found in the Design Manual that address these characteristics is/are used and approved by the Harford County Department of Public Works.

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

1. All ESD practices shall be designed and located to prevent basement seepage, flooding, soil erosion, increases in nonpoint pollution and minimize pollutants in stormwater runoff from both new and redevelopment.
2. All rooftop downspouts shall discharge to and drain continuously through at least 75 feet over flat land not exceeding 5% slope of vegetation (e.g., vegetated channel, swale, or filter strip) in a non-erosive manner to the property line.
3. To the extent practical, all other site impervious areas shall discharge to and drain continuously through vegetation in a non-erosive manner. The length shall be equal to that of impervious area.
4. All access roads and/or driveways constructed for this project shall use open sections in lieu of curb and gutter.
5. ESD practices may be used in lieu of providing the required rooftop and other impervious area vegetation lengths.
6. Design constraints to each ESD practice as specified in the Design Manual must be addressed.
7. The total impervious area draining to any ESD practice shall conform to the specifications listed in the Design Manual.
8. 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, or other similar practices as approved by Harford County Department of Public Works.

CONSTRUCTION

1. **Harford County Department of Public Works shall be contacted at least 48 hours prior to the start of construction. Contact Stormwater Management Inspections at 410- 638- 3217, Ext. 2434**
2. All stormwater practices and/or runoff controls shall be installed according to this Standard Plan and the criteria contained in Chapter 5 of the Design Manual. Subsequent alteration or modification of these practices requires the written approval of the Harford 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 Harford County Department of Public Works.
4. The applicant/homeowners shall promptly repair and/or restore all stormwater practices found in noncompliance by Harford County Department of Public Works.
5. Harford County Department of Public Works reserves the right to deny approval under this Standard Plan and requires that a design be prepared according to the Harford County Code and the Design Manual.
6. Nothing in this Standard Plan relieves the applicant from complying with all Federal, State, and local laws and regulations.
7. Regular inspections shall be made and documented for each ESD planning technique and practice as specified in the Design Manual and certified by the engineer-in-charge. At a minimum all ESD and other nonstructural practices shall be inspected upon completion of final grading, the establishment of permanent stabilization and for practices designed for and located on individual lots.
8. At a minimum the as-built certification package for a standard plan should include the following documentation:
 - Redlined site plan showing as-built configuration of all onsite ESDs which has been signed and sealed by a Professional Engineer or registered surveyor of the State of Maryland. The as-built shall be depicted on a large-scale plan to identify all the required stormwater management requirements. **Drawing format to be AutoCAD (.dwg) with point list in ASCII format.**
 - A detailed inspection report consisting of a detailed cover letter (which is also signed and sealed) describing the inspection process. The report shall also include the following: color photos of construction (label/dated), daily detailed inspection reports, all material and shipping tickets, all testing reports, and finally photographs showing establishment of permanent stabilization.**Note: If any required documentation is missing, a certificate of occupancy cannot be granted.** Please call Michael Davies at 410-638-3217, ext. 2434 with any questions or via e-mail at mtdavies@harfordcountymd.gov.
9. Maintenance is to be completed by the owner, owner's representative, or beneficial user. Maintenance is at the expense of the owner or beneficial user.
10. **Approval of this Standard SWM Plan shall remain valid for two (2) years from the approval date of this application.**

Updated: July 2024