



What Is Stormwater Management?

A Permit is required for all land development and soil disturbance. Stormwater Management review and approval is required for all development activity resulting in cumulative soil disturbance in excess of 5,000 square feet.

Stormwater Management regulations are intended to reduce the adverse effects of erosion, siltation, sedimentation, pollution, and local flooding within the Chesapeake Bay watershed. Therefore, the primary goal is to maintain after development, as nearly as possible, the predevelopment runoff characteristics.

A comprehensive design strategy for maintaining predevelopment runoff characteristics and protecting natural resources is available. This strategy, known as Environmental Site Design or "ESD", relies on integrating site design, natural hydrology, and smaller controls to capture and treat runoff.

The most common ESD practices utilized in residential development are:

- Disconnection of Rooftop Runoff
- Disconnection of Non-Rooftop Runoff
- Sheetflow to Conservation Areas
- Rainwater Harvesting
- Landscape Infiltration
- Dry Wells
- Micro-Bioretention
- Rain Gardens
- Swales

For more information contact the Permits Manager at 301 475-4200, Ext 71560.