



DIVISION OF  
ENGINEERING & CONSTRUCTION MANAGEMENT  
PLAN REVIEW & PERMITTING DEPARTMENT

**Environmental Site Design (ESD) Concept Plan  
Guidance for Submittals**  
(Updated 12/28/2012)

General Information

An ESD Concept Plan must be submitted and approved prior to the submittal of a site plan, preliminary plat/improvement plans, town plan, or site specific grading plan. Use the Plan Review and Permitting Department (PRPD) Environmental Site Design (ESD) Concept/Preliminary Consultation Plan Checklist and the MDE SWM Design Manual (Chapter 5) to prepare the ESD Concept Plan.

Fees

The total review fees for a SWCP are \$215.00 for Washington County. This fee shall be paid at the time of submittal. Checks should be made payable to “Washington County Treasurer”. Cash and Credit cards are also accepted.

County Plan File Numbers

This number will be assigned at the time of submittal by PRPD. The format is **SWCPxx-xxx**.

Submission Documents

The submission documents should include the following items:

1. A completed PRPD Submittal Checklist.
2. A completed and signed PRPD ESD Concept Plan Checklist.
3. Three (3) copies of the ESD Concept Plan
4. Three (3) copies of the ESD calculations. It is preferred that ESD calculations are determined by using the “ESD to the MEP” spreadsheet created by the Chesapeake Stormwater Network. ESD calculations must be signed and sealed by a P.E.
5. Three (3) copies of a narrative describing how ESD is to be addressed.
6. A geotechnical report is not required for the ESD Concept Plan submittal.

### ESD Concept Plans – General Information

ESD Concept plans should include all applicable items specified on the “ESD Concept/Preliminary Consultation Plan Checklist. Refer to Section 5.1.3.1 of the MD SWM Design Manual for a detailed list of requirements for the ESD Concept Plan. In addition, the following items should be addressed:

1. The plan should be clearly titled “ESD Concept Plan” or “SWM Concept Plan”.
2. No PRPD signature blocks should be on the ESD Concept Plan.
3. The ESD Concept Plan should include a separate sheet showing the proposed development that clearly shows the limits of disturbance (“LOD”) and proposed impervious area.
4. Refer to Table 5.2 for developments ideas for complying with ESD. (See Attached)

### Site Environmental Investigation

1. The plan should include a separate sheet labeled “Site and Resource Map”, or something similar, that indentifies the items listed in Table 5.1. (See Attached)
2. Sinkholes and significant depressions should be identified on the resource map.
3. Items on the resource map must be field verified by the project engineer.

### Forest Stand Delineation

A forest stand delineation is required, but not the forest conservation plan.