

PRELIMINARY STORMWATER PLAN

Purpose

The purpose of the preliminary stormwater plan is to determine whether a proposal can meet the requirements set forth in the stormwater ordinance. In general, the preliminary stormwater plan identifies how runoff originating on the site or flowing through the site is presently controlled and how this will change due to the proposed development activity.

Format

The preliminary stormwater control plan shall include a report and plan sheets drawn to scale. The report and plans shall be stamped, signed, and dated by an engineer.

Contents

Preliminary Stormwater Report

The preliminary stormwater report shall contain the following information:

- Site Location Map
 - At a minimum a USGS 7.5 minute topo series map shall be used showing the following information:
- Site boundaries or site location for small sites
- Contributing drainage areas and their acreage
- Soil map from the Columbia County Soil Survey with the site highlighted
- Flood plain map with the site highlighted, if the site is in a flood plain
- Discussion of the methods to be used to treat runoff from paved surfaces on the site
- Discussion of the methods to be used to control the flow of stormwater runoff from the developed site. If infiltration is proposed, the discussion should include an analysis of the capability of on-site soils for infiltration of runoff, including the potential impacts on slope stability and on-site sewage systems.
- Calculations of the pre-development and post-development runoff from the site
- Preliminary sizing calculations for the proposed stormwater facilities
- Discussion of who will maintain the stormwater facilities constructed in conjunction with the project.
- Listing of additional permits (e.g., wetland, flood plain, etc.) that may be required for the project.