Land Development Division
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It should be noted that Greenville County policy is different from SCDHEC policy for controlling runoff during construction. The LDD policy is that Peak Rate Control during construction is applicable for all projects. However, it may not always be feasible for the permanent basin that is designed to provide post construction flood control to meet water quality requirements during construction. The specific conditions of each site will dictate if the permanent basin can serve as a multi-purpose basin during construction. Generally, the larger the disturbed area on the site the less likely that it will be able to meet the County's requirements to control peak rate and sediment without phased temporary erosion BMP plan or a series of BMP's that can meet the required trapping efficiencies.

- Projects with a life span greater than 1 year should be more concerned with maximizing the multipurpose basin's ability to provide peak attenuation to the 2, 10 and 25 year storm events. Sites that are located adjacent to environmentally sensitive watersheds which are upstream to high safety risks and/or known downstream flood prone properties, will need to maximize the basin's ability to control peak rate runoff during construction.
- If the site land disturbance exceeds 10 acres and plans indicate a multi-purpose basin will be utilized, the following options are available:
    - Phase the land disturbance by limiting the disturbance to no more than 10 acres at a time prior to disturbing other areas on site. This option will require the areas of disturbance to be shown on the erosion control plan and phased on the construction sequence.
    - Provide a treatment train upstream from the multipurpose basin with a series of BMP's (sediment traps, sediment basins) that can be utilized to help with sediment control and peak rate attenuation. Sediment traps limitations on acreage are no more than 5 acres, more than 5 acres require a sediment basin. In the event that you choose this option you will not be required to provide peak rate attenuation calculations for each sediment trap or sediment basin; however you will be required to provide 80% trapping efficiency with a detailed construction sequence of the installation and removal of the sediment trap/ basin. A maintenance statement for each BMP will be required as well.

Note: To model peak rate attenuation during construction use the same computer software program and applicable input parameters used for the Pre and Post development conditions. If the skimmer cannot be modeled in hydraflow substitute the orifice size with the proposed skimmer dimension at the bottom of the riser structure. This will mimic the skimmer being modeled in the software program.