

## CHAPTER TWO

# NEW KENT COUNTY STORM WATER MANAGEMENT REQUIREMENTS

The New Kent County Code (Sections 82-71 through 82-76) requires a storm water management plan to be submitted as part of the development process. It is also submitted in conjunction with site plan or subdivision plan preliminary approval. The intent of the storm water management plan is to ensure adequate control and treatment of storm water runoff in order to mitigate the physical and chemical impact on the environment.

Section 82-73 of the code lists the minimum requirements of a storm water management plan. The requirements are:

1. The post-development storm water peak runoff rate shall not exceed the pre-development peak runoff rate for both the two and the ten year storms.
2. Within the Chesapeake Bay Preservation Area, the post-development non-point source pollution runoff load shall not exceed the pre-development load.
3. For re-development of existing sites, the non-point source pollutant load shall be reduced by a minimum of ten percent.

Sections 94-31 through 94-46 of the Code give the requirements for compliance with the Chesapeake Bay Act (CBAY) in New Kent County. These sections define the Chesapeake Bay Preservation Areas that include Resource Management Areas (RMA) and Resource Protection Areas (RPA) in New Kent County. The purpose and intent of the CBAY regulations in New Kent County is to prevent increases in non-point source pollution from new developments, reduce non-point source pollution by ten percent from redevelopments and achieve a 40 percent reduction in non-point source pollution from agricultural uses.

The storm water and CBAY requirements referenced above can be achieved using LID techniques. In cases where LID techniques are not able to adequately meet the requirements, conventional methods as described in the "Virginia Stormwater Management Handbook" may be utilized in conjunction with LID techniques.