



COUNTY OF LEXINGTON, SOUTH CAROLINA

Public Works Stormwater Division

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Post-construction Storm Water Pond Maintenance Requirements

Woody Vegetation

Woody vegetation is to be removed from all fill embankments (pond dams) and within a 30' radius of any structure and/or pipe. The removal of woody vegetation shall include both the front and back slopes of the fill embankments. Any woody vegetation that is over 6" in diameter on fill slopes must be removed including stump and roots. All voids are to be compacted to 100% compaction with proper soils. Trees in cut slopes and pond bottom will be allowed as long as the growth has not compromised the capacity requirements of the pond. If issues are noted then it may be necessary to remove the woody vegetation from the bottom of the pond and cut slopes. All cuttings and debris shall be removed from the pond parcel.

Sedimentation

Sedimentation shall be removed to the approved elevations of the pond bottom and structures as shown on the construction/record drawings. The area within a 30' radius of the outlet structure and /or pipes shall remain clear of all sediments and debris. The bottom of infiltration areas may need to be scarified to allow proper infiltration.

Filter Rings and Forebays

Filter rings and Forebays shall be clear of all sediments and debris to allow positive flow to the outlet structure. Repairs/replacement shall include filter fabric, rip rap, and #57 stone to insure that future sediment and debris do not reach the outlet structure.

Headwall

Headwalls shall be absent of erosion. Repairs/replacement shall include filter fabric and riprap to protect against erosion. Fill dirt is to be placed and compacted around pipes before the placement of fabric and rip rap. Concrete headwalls shall be free of large scale cracking or structural failures.

Slopes

All pond slopes shall be free of erosion. Eroded slopes shall be filled, compacted and stabilized with suitable materials.

Access Areas

Access shall be cleared to allow entry into pond parcel. Access road/area shall be free of erosion.

Perimeter Fence (if applicable)

Undesirable growth shall be removed from the perimeter fence. This growth includes trees, vines, and shrubs; if this is achieved by chemical means, an environmentally approved herbicide is to be used. If the integrity of the perimeter fence has been compromised all repairs/replacement shall be made.

Outlet (if applicable)

Outlet structures and barrels shall be free of clogs, cracks/breaks in the structure and sediment/debris deposits inside of these structures. The trash rack shall be clear of debris and properly fastened to the structure. Trash and debris shall be removed from pond to prevent blockages.

Swales/Channels (if applicable)

All swales/channels within the storm water drainage system must be cleared of all debris and obstructions to allow positive flow.