

**New Hanover County Stormwater
Operation and Maintenance Plan/Schedule & Agreement**

Detention / Retention / Infiltration / Pipe / Swale Facilities

As a minimum the following maintenance items shall be performed:

- _____ 1. Grassing around any detention/retention facility shall be maintained to prevent the erosion of these areas. The areas shall be periodically, approximately once every ___ months, mowed to maintain the aesthetic quality of the site and to prevent erosion and a reduction in capacity of the stormwater system. Grass on slopes shall not exceed a height of 15 inches.
- _____ 2. Open ditches and swales, approximately once every ___ months, shall be kept free of undesirable growth and mowed or maintained to the design cross-section and area as shown on the Stormwater Management Plan acceptable to the County and on file in the office of the County Engineer. Growth on the slopes and bottom shall not exceed a height of 8 inches.
- _____ 3. Landscaping of the area around the detention/retention facility shall not reduce the capacity or hinder operation and maintenance of the stormwater system. Landscaping shall be maintained.
- _____ 4. Storm drainage pipes and culverts shall be periodically, approximately once every ___ months, inspected for debris and sand build-up. They shall be cleaned as necessary to provide for the free conveyance of stormwater as designed.
- _____ 5. The detention/retention facility shall be maintained at the design depth as shown on the Stormwater Management Plan accepted by the County and on file in the office of the County Engineer. The detention/retention facility shall be routinely checked, approximately once every ___ months, for and cleared of all accumulation of debris and sediment/sand build-up. The facility shall be inspected on a regular basis, but at least once every six months. Debris and sedimentation shall be removed if:
 - a. The primary outlet capacity is impaired or clogged and/or
 - b. The depth of the facility is more than one foot above the original facility depth or the facility volume is reduced by 25% of the design impoundment volume.
- _____ 6. Pipe installed to provide detention shall be kept free of sediment build-up. The detention facility shall be maintained in accordance with the Stormwater Management Plan accepted by the County and on file in the office of the County Engineer. The storm drainage pipes and structures shall be periodically, approximately once every ___ months, inspected for debris and sediment build-up. The pipe shall be inspected on a regular basis, but at least once every six months. Debris and sedimentation shall be removed if:
 - a. The storage volume is reduced by 25% or more, and/or;
 - b. The sediment and/or debris restricts the free flow of stormwater.
- _____ 7. The pipes and stone installed to provide infiltration shall be kept free of sediment build-up. The infiltration system shall be maintained in accordance with the Stormwater Management Plan accepted by the County and on file in the office of the County Engineer. The infiltration facility shall be routinely, approximately once every ___ months, inspected for and cleared of all accumulation of debris and the detention facility outlet structure cleared of any blockage. The facility shall be inspected on a regular basis, but at least once every six months. Debris and sedimentation shall be removed if:
 - a. The infiltration capacity is impaired, and/or;

- b. The sediment and/or debris restricts the free flow of stormwater into the infiltration system and surrounding soils.
- _____ 8. The infiltration system shall be removed and replaced with new material when the system no longer permits the stormwater to freely infiltrate into the surrounding soils by proper maintenance.

I acknowledge and agree by my signature below that I am responsible for the performance and maintenance procedures listed above. I agree to notify New Hanover Count of any problems with the system and prior to any changes to the system, or the change of responsible party.

Print Name: _____

Title: _____

Address: _____

Phone: _____

Date: _____

Signature: _____

I, _____, a Notary Public for the State of _____,

County of _____ do hereby certify that _____ personally

appeared before me this ____ day of _____, 20 ____, and acknowledge the due execution of the

foregoing maintenance agreement requirements. Witness my hand and official seal,

SEAL

My commission expires: _____