

## Disconnected Impervious Area Operation and Maintenance Agreement

I will keep a maintenance record on this SCM. This maintenance record will be kept in a log in a known set location. Any deficient SCM elements noted in the inspection will be corrected, repaired or replaced **immediately**. These deficiencies can affect the integrity of structures, safety of the public, and the pollutant removal efficiency of the SCM.

Important maintenance procedures:

- The roof area will be maintained to reduce the debris and sediment load to the system. Excess debris can clog the system and lead to bypass of the design storm, and reduced infiltration and pollutant removal.
- To ensure proper operation as designed, a licensed Professional Engineer, Landscape Architect, or other qualified professional will inspect the system annually.
- The system components will be repaired or replaced whenever they fail to function properly.
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The system will be visually inspected by the owner/operator at least **quarterly**. Records of operation and maintenance should be kept in a known set location and must be available upon request.

Inspection activities shall be performed as follows. Any problems that are found shall be repaired immediately.

SCM element:	Potential problem:	How to remediate the problem:
<b>The captured impervious area</b>	Excess debris or sediment is present on the rooftop or impervious surface.	Remove the debris or sediment as soon as possible.
<b>The gutter system (if applicable)</b>	Gutters are clogged, or water is backing up out of the gutter system.	Unclog and remove debris. May need to install gutter screens to prevent future clogging.
	Rooftop runoff not making it into gutter system.	Correct the positioning or installation of gutters. Replace if necessary, to capture the roof runoff.
	Rooftop runoff causing erosion at outlet.	Install or repair splash blocks as needed.
<b>Roadways &amp; parking lots (if applicable)</b>	Runoff flows to the pervious area as concentrated flow.	Remove any sediment or obstructions at the edge of the impervious area, repair gravel verge.
	Energy dissipaters are uneven settled, undercut, eroded or otherwise damaged.	Repair or replace energy dissipater.

Permit Number: \_\_\_\_\_  
 (to be provided by City of Wilmington)  
 SCM Drainage Basin #: \_\_\_\_\_

<b>SCM element:</b>	<b>Potential problem:</b>	<b>How to remediate the problem:</b>
<b>The pervious area</b>	Erosion is evident.	Repair the eroded area and stabilize immediately.
	There is erosion around the end of the pervious area that shows stormwater has bypassed it.	Regrade the soil to create a small berm, and then plant turf grass and water until it is established. Provide lime and one-time fertilizer application.
	Unintended trees or shrubs have begun to grow in the pervious area.	Remove them and re-establish vegetation per the original landscaping plan.
	Areas of bare soil and/or erosive gullies have formed.	Regrade the soil if necessary, to remove the gully, and then plant with turf grass and water until it is established. Provide lime and a one-time fertilizer application.
	Standing water is present 24 hours after rainfall.	Fill shallow depressions with topsoil and seed mix. Regrade the area as necessary to reestablish sheet flow across the pervious area.
	Vegetation is too long.	Maintain vegetation at a height of approximately 2 to 6 inches.
<b>Property Owner Participation</b>	Homeowners have rerouted gutters or otherwise altered the system in a manner which adversely impacts performance.	Provide educational materials to homeowners and contact neighborhood HOA.

Permit Number: \_\_\_\_\_  
(to be provided by City of Wilmington)

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

Project name: \_\_\_\_\_

SCM drainage basin number: \_\_\_\_\_

Print name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

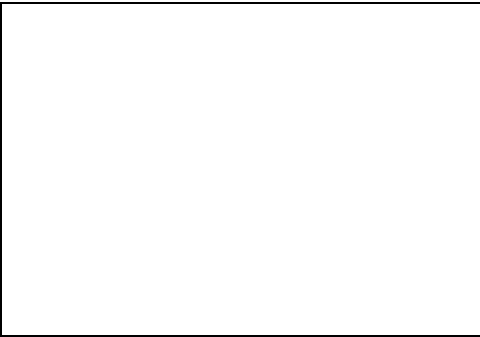
Phone: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Note: The legally responsible party should not be a homeowners' association unless more than 50% of the lots have been sold and a resident of the subdivision has been named the president.

I, \_\_\_\_\_, a Notary Public for the State of \_\_\_\_\_, County of \_\_\_\_\_, do hereby certify that \_\_\_\_\_ personally appeared before me this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, and acknowledge the due execution of the forgoing wet detention basin maintenance requirements. Witness my hand and official seal,



SEAL

My commission expires \_\_\_\_\_