

ADDENDUM \_\_\_\_\_  
PERMEABLE PAVEMENT  
STORMWATER CONTROL MEASURE  
MINIMUM MAINTENANCE AGREEMENT

Project Name: \_\_\_\_\_

I will keep a maintenance record on this SCM. The permeable pavement will be inspected once a quarter and within 24 hours after every storm event greater than 1.0 inches. Records of operation and maintenance will be kept in a known set location and will be available to the Town of Spring Lake Stormwater Administrator upon request. 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 removal efficiency of the SCM.

Important operation and maintenance procedures:

- Stable groundcover will be maintained in the drainage area to reduce the sediment load to the permeable pavement.
- The area around the perimeter of the permeable pavement will be stabilized and mowed, with clippings removed.
- Any weeds that grow in the permeable pavement will be sprayed with pesticide immediately. Weeds will not be pulled, since this could damage the fill media.
- Once a year, the permeable pavement surface will be vacuum swept.
- At no time shall wet sweeping (moistening followed by sweeping) be allowed as a means of maintenance.
- There shall be no repair or treatment of Permeable Pavement surfaces with other types of pavement surfaces. All repairs to Permeable Pavement surfaces must be accomplished utilizing permeable pavement which meets the original pavement specifications.
- Concentrated runoff from roof drains, piping, swales or other point sources, directly onto the permeable pavement surface shall not be allowed. These areas must be diverted away from the permeable pavement.

**Initial Inspection:** Permeable Pavements shall be inspected monthly for the first three months for the following:

SCM element:	Potential problem:	How to remediate the problem:
<b>The perimeter of the permeable pavement</b>	Areas of bare soil and/or erosive gullies have formed.	In the event that rutting or failure of the groundcover occurs, the eroded area shall be repaired immediately and permanent groundcover re-established. Appropriate temporary Erosion Control measures (such as silt fence) shall be installed in the affected area during the establishment of permanent groundcover, and any impacted area of permeable pavement is to be cleaned via vacuum sweeping.

SCM element:	Potential problem:	How to remediate the problem:
<b>The surface of the permeable pavement</b>	Rutting / uneven settlement	This indicates inadequate compaction of the pavement base / sub-base. If rutting or uneven settlement on the order of ½ inch or greater occurs, permeable pavement shall be removed and base / sub-base re-compacted, smoothed, and permeable pavement shall then be re-installed. Base and sub-base compaction shall be monitored by a licensed geotechnical engineer to ensure that infiltration capacity of base and sub-base are not compromised by compaction and smoothing processes.
	The pavement does not dewater between storms, or water is running off.	Vacuum sweep the pavement. If the pavement still does not dewater, consult a professional.

After the first three months:

Inspection activities shall be performed as follows. Any problems that are found shall be repaired immediately. If the educational sign is missing or damaged, replace it.

SCM element:	Potential problem:	How to remediate the problem:
<b>The perimeter of the permeable pavement</b>	Areas of bare soil and/or erosive gullies have formed	Regrade the soil if necessary to remove the gully, and then plant a ground cover and water until it is established. Provide lime and a one-time fertilizer application.
	Vegetated area drains towards the pavement	Regrade the area so that it drains away from the pavement, then plant ground cover and water until established
<b>The surface of the permeable pavement</b>	Trash/debris is present.	Remove the trash/debris.
	Weeds are growing on the surface of the permeable pavement.	Do not pull the weeds (may pull out media as well). Spray them with herbicide then return in 1 week to remove by hand.
	Sediment is present on the surface.	remove the sediment with a mechanical sweeper, regenerative air cleaner, or vac truck
	The pavement is deteriorating or damaged.	Consult an appropriate professional. Damaged areas of the pavement shall be removed and repaired.
	The pavement does not dewater between storms.	Vacuum sweep the pavement. If the pavement still does not dewater, consult a professional. Permanently clogged pavement shall be removed and repaired.

Observation Well	Water is present more than three days after a storm event	Clean out clogged underdrain pipes. Consult an appropriate professional for clogged soil subgrade
Educational Sign	Sign is missing or damaged	replace the sign
The receiving water	Erosion or other signs of damage have occurred at the outlet	repair the damage and improve the flow dissipation structure
	discharges from the permeable pavement are causing erosion or sedimentation in the receiving water	Contact the NCDEQ Regional Office

I, \_\_\_\_\_, hereby acknowledge that I am the financially responsible party for maintenance of this SCM. I will perform the maintenance as outlined above, in compliance with the requirements of the Town of Spring Lake's Phase II MS4 Stormwater Ordinance and the latest version of the NCDEQ Stormwater Design Manual

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

STATE OF NORTH CAROLINA  
COUNTY OF \_\_\_\_\_

I, \_\_\_\_\_, a Notary Public of \_\_\_\_\_ County, in the State of North Carolina, do hereby certify that \_\_\_\_\_ personally appeared before me this day and acknowledged the execution of the foregoing instrument.

Witness my hand and seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

(SEAL)

My Commission Expires: \_\_\_\_\_  
\_\_\_\_\_  
Notary Public