

EXAMPLE ONLY

POROUS PAVEMENT MAINTENANCE AND RESPONSIBILITY AGREEMENT

The Permanent *Stormwater System Maintenance and Responsibility Agreement* requires adequate maintenance for stormwater management/Best Management Practices (BMP) facilities including Porous Pavement. Document Porous Pavement deficiencies during **annual** inspections. Complete any necessary repairs and/or preventive maintenance procedures in a timely manner to ensure proper functioning as Porous Pavement.

Important operation and maintenance procedures:

- Maintain a stable groundcover in the drainage area to reduce sediment load.
- Stabilize and mow the area around the perimeter of the Porous pavement with clippings removed.
- Spray weeds that grow in the Porous pavement with pesticide immediately. Do not pull weeds, as this could damage the media.
- Clean the Porous Pavement surface using suction and sweeping (vacuum sweep) or high-pressure wash and suction. Sweeping alone without suction is ineffective.
- Do not repair Porous Pavement surfaces with other types of pavement surfaces. Conduct all repairs to Porous Pavement surfaces utilizing Porous pavement meeting the original pavement specifications. Ensure any utility cuts adhere to this requirement.
- Ensure concentrated runoff from roof drains, piping, swales or other point sources, to not directly discharge to Porous Pavement surface.
- Inspect the surface for damage deterioration.
- Perform high pressure hosing to free pores in the top layer from clogging.

After the installation of Porous Pavement, perform inspections once a quarter and annually thereafter. Keep operation and maintenance records in a known location and make them available upon request.

Perform recommended maintenance activities as follows:

Required Maintenance	Frequency
Clean the Porous Pavement surface.	Semi-Annual to Annual, or as needed
Mow adjacent vegetated areas and remove clippings	Quarterly, or as needed
Remove leaves, trash, and debris.	As needed
Removal of weeds and vegetation.	As needed
High pressure hosing to free pores	As needed
Inspect for damage or deterioration	Annual
Inspect to ensure surface dewatering	Semi-Annual to Annual
High pressure hosing to free pores	As needed



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Perform trouble shooting activities as follows:

BMP Component	Problem	Solution
Perimeter	Areas of bare soil and/or erosive gullies have formed.	Repair the erode areas immediately and re-establish permanent groundcover. Install temporary erosion prevention and sediment control measures during the establishment of permanent groundcover. Clean impacted Porous Pavement areas by vacuum sweeping.
Surface	Rutting / uneven settlement	This indicates inadequate compaction of the Porous Pavement base / sub-base. If rutting or uneven settlement is ½ inch or greater, remove the section of Porous Pavement, re-compact and smooth or replace the base / sub-base, and re-install the Porous Pavement. Monitor base / sub-base compaction by a licensed geotechnical engineer to ensure that infiltration capacity of base and sub-base are not compromised by the compaction processes.
	Surface is deteriorating or damaged.	Consult an appropriate professional. Remove and repair damaged areas.
	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. Remove and repair permanently clogged pavement.
	Sediment is present on the surface.	Vacuum sweep the pavement.
	Weeds are growing on the surface.	Do not pull the weeds (may pull out media as well). Spray them with pesticide.
	Trash/debris is present.	Remove the trash/debris.

