

Pervious Pavement i.e. permeable pavement, porous concrete, porous pavement, grid pavers

Maintenance Tasks for Pervious Pavement

	After Installation	Every 1-2 Months During Growing Season	As Needed	After Rain Events	2 to 4x a Year (Depends on Use)	Annually	Once Every 2-3 Years	Winter Months
Inspect pervious pavement and drainage area for corrections	x			x				
Conduct any needed repairs or stabilization	x		x	x				
Mow grass in grid paver applications		x						
Stabilize drainage area to prevent erosion			x					
Remove any soil or sediment deposited on pavement			x	x	x	x		
Replace or repair any cracked or damaged pavement surfaces			x			x		
Conduct a maintenance inspection				x	x	x		
Use regenerative or pure vacuum sweeper to sweep pavement					x			
Weed in grass-paver applications			x		x			
Check downspouts and channels leading to permeable pavement			x		x			
Remove any accumulated debris from downspouts and channels			x		x			
Remove any accumulated sediment in pretreatment cells and inflow points						x		
Use a specialized Vac truck head to clean problem areas							x	
Replace any necessary joint material							x	
Do not spread sand or wash for anti-skid/slippery surface prevention								x
Do not use salt and deicing products which will cause pollution and adversely affect all concrete and turf materials								x
Keep snowplow blades 1/2" off pervious systems								x
Plow paver systems as per unpaved roads								x

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To be submitted to the Township for Annual Submission

Maintenance Tasks	Time Frame	Dates	Notes
Stabilize drainage area to prevent erosion	Every 1 to 2 Years		
Mow grass in grid paver applications	Every 1 to 2 Months		
Remove any soil or sediment deposited on pavement	Biannually or Quarterly		
	Annually		
Replace or repair any cracked or damaged pavement surfaces	Annually		
Conduct a maintenance inspection	Biannually or Quarterly		
	Annually		
Use regenerative or pure vacuum sweeper to sweep pavement	Biannually or Quarterly		
Weed in grass-paver applications	Biannually or Quarterly		
Check downspouts and channels leading to permeable pavement	Biannually or Quarterly		
Remove any accumulated debris from downspouts and channels	Biannually or Quarterly		

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Remove any accumulated sediment in pretreatment cells and inflow points	Annually		
Use a specialized Vac truck head to clean problem areas	Once Every 2 to 3 Years		
Replace any necessary joint material	Once Every 2 to 3 Years		

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Maintenance Task	Winter Month	Storm Date	Notes
Do not spread sand or wash for anti-skid/slippery surface prevention.			
Do not use salt or deicing products which will cause pollution and adversely affect all concrete and turf materials.			
Keep snowplow blades 1/2" off pervious systems. ** When shoveling do not scour or harshly scrap against the pervious system as this will deteriorate the pore space and reduce the life of the pervious system.			
Plow paver systems as per unpaved roads. ** When shoveling do not scour or harshly scrap against the pervious system as this will deteriorate the pore space and reduce the life of the pervious system.			

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STA Credit Policy Manual Maintenance Policy

Basic Minimum Maintenance Requirements for O&M Plans
1. Sediment shall be removed when approximately 30% of storage volume of the facility is filled.
2. Any sinkholes shall be repaired.
3. Trash shall be removed upon discovery.
4. No woody vegetation shall be allowed to grow on embankments unless called for in the facility's design.
5. Debris shall be removed from inlet, outlet, and any other structures that have the potential to clog.
6. All systems should be inspected at a minimum four (4) times per year and within 48 hours after any major rain events > 1".
7. Documentation of inspections must be submitted by June 1 st of each year to the Township.
8. Provide previous year's maintenance log by June 1 st of each year to the Township, so they can be evaluated and included in the MS4 Annual Status Report.
9. Stormwater management control structures shall remain unaltered, intact, and functioning as initially designed unless otherwise determined by staff with written notification.
10. See Pennsylvania Stormwater BMP Manual for system-specific inspection details.

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Evaluation Worksheet		
Install Date (mm/dd/yyyy):	Inspection Date (mm/dd/yyyy):	Inspector:
Component:	Check For:	Observations:
Drainage Area	Evidence of _____ in Drainage Area: <i>Check all that apply</i>	
	<input type="checkbox"/> Erosion <input type="checkbox"/> Sediment/Grit/Dirt <input type="checkbox"/> Stockpiles: _____ <input type="checkbox"/> Bare soils <input type="checkbox"/> Chemicals, Oil, etc.: _____ <input type="checkbox"/> Other: _____	
	Identify the Area Draining to the BMP: <i>Check all that apply</i>	
	Approximate ratio of "run-on" area to permeable: _____	
	<input type="checkbox"/> Asphalt <input type="checkbox"/> Turf/Landscaped Areas <input type="checkbox"/> Other: _____	
Pre-Treatment for Run-on Areas:	Evidence of _____ in the Pre-Treatment Area: <i>Check all that apply</i>	
<input type="checkbox"/> Gravel/Stone Diaphragm <input type="checkbox"/> Other: _____ <input type="checkbox"/> None	<input type="checkbox"/> Full of sediment; needs cleaned out <input type="checkbox"/> Erosion <input type="checkbox"/> Holding Water <input type="checkbox"/> Flow By-Passes Pre-Treatment <input type="checkbox"/> Other: _____	
Permeable Surface:	Evidence of _____ in or on the Permeable Surface: <i>Check all that apply</i>	
<input type="checkbox"/> PICP (Permeable Interlocking Concrete Pavement) <input type="checkbox"/> Grid Pavers <input type="checkbox"/> Permeable Asphalt <input type="checkbox"/> Permeable Concrete <input type="checkbox"/> Other: _____	<input type="checkbox"/> Sediment accumulation <input type="checkbox"/> Grass/Weeds Growing <input type="checkbox"/> Standing water <input type="checkbox"/> Sink Holes <input type="checkbox"/> Staining (oil, etc.)	

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	<input type="checkbox"/> Deterioration of surface material <input type="checkbox"/> Structural Problem <input type="checkbox"/> Other: _____	
Overflow/Outlet: <input type="checkbox"/> Underdrain(s) <input type="checkbox"/> Overflow Inlet at Curb <input type="checkbox"/> Other: _____	Identify any issues with the Overflow/Outlet Structure: <i>Check all that apply</i> <input type="checkbox"/> Obstruction/Clogging <input type="checkbox"/> Flow by-passing pavement surface <input type="checkbox"/> Overflow/outlet is NOT high enough to create storage on pavement surface. <input type="checkbox"/> Erosion <input type="checkbox"/> Structural Problem <input type="checkbox"/> Other: _____	

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