



Inspector Name	Facility Name
Inspector Affiliation	Facility Location
Inspector Phone	



Public Works Department  
 Stormwater Division  
 315 S Lowry Street  
 Smyrna, TN 37167  
 (615) 355-5701

### Operation & Maintenance Inspection Checklist Permeable Pavement

PAVEMENT TYPE:      Permeable Pavers  
                                  Porous Concrete  
                                  Porous Asphalt  
                                  Other (specify) \_\_\_\_\_

Inspection Item	Observed					Comments
	+	-	x	A/M/S	Y/N	
<b>Pavement Surface</b>						
Evidence of clogging/standing water						
Sediment deposits						
Trash/debris						
Cracks/indicators of deterioration						
Depressions, potholes						
Surface fails to dewater between rain events						
Evidence of staining, oil, other contaminants						
<b>Drainage Structures</b>						
Broken cleanouts/other structural damage						
System fails to completely dewater between rain events						
Cleanout, underdrain clogged with sediment/debris						
<b>Adjacent Areas</b>						
Construction activity in CDA**						
Eroded/destabilized surfaces in CDA						
Deterioration of adjacent paved surfaces						
<b>Other</b>						
Unauthorized modifications (replacement with traditional pavement, expanded parking area)						
Additional Notes:						

Inspector Signature	Date	Time
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*\*Inspection Frequency: A/M/S = Annually, Monthly, following a major Storm, \*\*CDA = Contributing Drainage Area*

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**Operation & Maintenance Inspection Underground Detention**

Inspection Item	Observed						Comments
	+	-	x	A/M/S	Y/N		
<b>Inlets &amp; Outlets</b>							
Inlets /outlets obstructed with trash, debris, vegetation							
Evidence of excess sediment entering inlets							
Evidence of excess sediment leaving treatment unit							
Erosion at inlets/outlets							
Damage to inlet/outlet structures							
Inlet filter (if applicable) obstructed and/or in poor condition							
<b>Treatment Unit</b>							
Maintenance access obstructed							
Depressions in pavement surface, other indicators of settling							
Disconnected/leaking pipes, other evidence of joint failure							
Sediment in vault requiring removal							
Trash/floating debris in vault requiring removal							
Permanent pool depth too high/low							
<b>Adjacent Areas</b>							
Construction activity in CDA**							
Eroded/destabilized surfaces in CDA							
Deterioration of adjacent paved surfaces							
<b>Other</b>							
Unauthorized modifications to drainage system/treatment unit							
Additional Notes:							
Inspector Signature	Date			Time			

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**SCM Operation & Maintenance Inspection  
Checklist  
Bioretention**

Type      On-line      Offline  
No. Cells

Inspection Item	Frequency*					Y/N	Comments
	Observed +	Did not observe -	Did not inspect x	Frequency*	Action Required		
<b>Bioretention Surface</b>							
Evidence of clogging/standing water							
Scouring/erosion of vegetated surfaces							
Trash/debris/other contaminants							
Sediment deposits							
Depressions in bioretention basin							
Surface fails to drain completely between rain events							
<b>Drainage &amp; Pre-treatment System Components</b>							
Drainage system fails to completely dewater between rain events							
Altered drainage pattern, flow diversion, short circuiting, etc.							
Broken cleanouts, missing/stuck caps, other structural damage							
Cleanout, underdrain clogged with sediment/debris							
Erosion at system inflow (headwalls, curb cuts, downspouts, etc.)							
Structural damage to pre-treatment forebay or gravel diaphragm							
Excessive sediment (> 3") in forebay/gravel diaphragm							
<b>Vegetation</b>							
Shallow/bare spots in mulch layer (< 3")							
Less than 80% vegetative cover (plants and much combined)							
Weeds, invasive and/or undesirable plants present							
Plants are unhealthy or overgrown							
<b>Other</b>							
Construction activity in CDA**							
Eroded/destabilized surfaces in CDA							
Other sources of sediment in CDA							

Additional Notes:

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Inspector Signature	Date	Time
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\*Inspection Frequency: A/M/Q/S/ST = Annually, Monthly, Quarterly, Semi-annually, following a major Storm  
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**Operation & Maintenance Inspection Proprietary Treatment Device**

DEVICE ID  
Manufacturer  
Model  
Model No.

Inspection Item	Observed		Did not observe		Did not inspect		Frequency*	Maintenance Required	Comments
	+	-	x	A/M/S	Y/N				
<b>Inlets &amp; Outlets</b>									
Inlets /outlets obstructed with trash, debris, vegetation									
Evidence of excess sediment entering inlets									
Evidence of excess sediment leaving treatment unit									
Erosion at inlets/outlets									
Damage to inlet/outlet structures									
Inlet filter (if applicable) obstructed and/or in poor condition									
<b>Treatment Unit</b>									
Maintenance access obstructed									
Depressions in pavement surface, other indicators of settling									
Disconnected/leaking pipes, other evidence of joint failure									
Sediment in vault requiring removal									
Trash/floating debris in vault requiring removal									
Permanent pool depth too high/low									
<b>Adjacent Areas</b>									
Construction activity in CDA**									
Eroded/destabilized surfaces in CDA									
Deterioration of adjacent paved surfaces									
<b>Other</b>									
Unauthorized modifications to drainage system/treatment unit									
Additional Notes:									
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.....									
Inspector Signature	Date				Time				

\*Inspection Frequency: A/M/S = Annually, Monthly, following a major Storm, \*\*CDA = Contributing Drainage Area