

City of Valley Center

Stormwater Facility Inspection & Maintenance Guidance

Porous Pavement Areas

Regular inspection and maintenance is critical to the effective operation of this stormwater management facility so that it can function as designed. In the City of Valley Center, local regulations require that property owners maintain all stormwater facilities on their properties to ensure they are fully functioning control stormwater runoff, and to document facility inspections and maintenance activities. This documentation must be kept by the property owner and must be made available to Stormwater Management staff upon their request.

This page provides guidance on inspection and maintenance activities that must be performed for porous pavement areas. Some facilities may have more, or less, frequent maintenance needs, depending upon a variety of factors including the occurrence of large storm events, overly wet or dry (i.e., drought) regional hydrologic conditions, and any changes in the land (e.g., development, landscaping, etc.) that drains to the facility.

Inspection Activities	Suggested Schedule
<ul style="list-style-type: none"> • Ensure that the porous pavement surface is free of sediment and debris (e.g., mulch, leaves, trash, etc.). • Ensure that the contributing area upstream of the porous pavement surface is free of sediment and debris. 	As needed
<ul style="list-style-type: none"> • Check to make sure that the porous pavement dewateres between storms. 	Monthly
<ul style="list-style-type: none"> • Inspect the surface for structural integrity. Inspect for evidence of deterioration or spalling. 	Annually
Maintenance Activities	Suggested Schedule
<ul style="list-style-type: none"> • Ensure that contributing area and porous pavement surface are clear of debris (e.g., mulch, leaves, trash, etc.). • Ensure that the contributing and adjacent area is stabilized and mowed, with clippings removed. 	As needed, based on inspection
<ul style="list-style-type: none"> • Vacuum sweep porous pavement surface to keep free of sediment. 	Typically three to four times a year
<ul style="list-style-type: none"> • Replace the porous pavement, including the top and base course, as needed. 	Upon failure

The inspection checklist that is presented on the next page is provided to guide and document inspection and maintenance activities. Please use this checklist or other form(s) of maintenance documentation when and where deemed necessary in order to ensure the long-term proper operation of the stormwater management facility.

For more information on the maintenance of your stormwater facility, please contact:
City of Valley Center Stormwater Management, 545 W. Clay Valley Center KS. 67147, (316) 755-7320

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Porous Pavement Area Inspection Checklist

Project Name: _____ Project #: _____

BMP Name/ID (as shown on the O&M Plan): _____

Refer to the Operations & Maintenance Plan for this property to get the information requested in this box. The Operations and Maintenance Plan for this property is recorded with the Sedgwick County Register of Deeds.

Property Owner Name: _____

Property Address: _____

Owner Phone #: _____ Owner Email Address: _____

Owner Change since last inspection? Y N

Inspection Date/Time: _____

Weather and Site Conditions (last rainfall date, dry/wet soil, etc.): _____

Inspection Items	Condition*	Comments/Corrective Action
*Note - Condition should be marked as Satisfactory (S) or Unsatisfactory (U). An explanation of corrective actions must be provided for all items marked as Unsatisfactory. The completion date of any corrective actions taken must also be documented.		
Inspect the porous pavement area.		
1. Are there signs that the pavement area is clogged (e.g., standing water)? Yes = Unsatisfactory		
2. Is there debris (mulch, trash) accumulation? Yes = Unsatisfactory		
3. Is there sediment accumulation? Yes = Unsatisfactory		
4. Is there standing water? Yes = Unsatisfactory		
5. Are there signs of erosion (washing away of soil) from underdrain? Yes = Unsatisfactory		
6. Is there exposed soil in the areas that drain to, or the areas adjacent to, the porous pavement area? Yes = Unsatisfactory		

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Porous Pavement Area Inspection Checklist

Inspection Items	Condition*	Comments/Corrective Action
7. Does stormwater runoff discharge from pavement area within 24 to 48 hours after the end of a storm event? Yes = Satisfactory		
8. Other (describe)?		
9. Other (describe)?		
Identify any potential hazards to humans or the environment.		
10. Have there been complaints from residents? Yes = Unsatisfactory		
11. Are there any other public hazards that should be noted? Yes = Unsatisfactory		

By signing my name below, I certify that the information submitted in this document (and all attachments) is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are penalties for knowingly submitting false information, including the possibility of regulatory violations and associated fines.

Inspected by (Name): _____

Inspected by (Signature): _____