



## Permeable Pavement Inspection and Maintenance Checklist


<b>Facility:</b> Western Reserve Historical Society			
<b>Location/Address:</b> 10824 East Blvd Cleveland, OH 44106			
<b>Date:</b> 7/2/2019	<b>Time:</b> 12:55pm	<b>Weather Conditions:</b> Sunny	<b>Date of Last Inspection:</b> N/A
<b>Inspector:</b> Crystal Davis, Spencer Nash, Christopher Hartman		<b>Title:</b> Inspection Report	
<b>Site Plan or As-Built Plan Available:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Inspection Item	Images
<b>PAVEMENT TRANSITION AREA</b>	
<p>Non-permeable transition area at pavement edges is unstable/deteriorating  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p> <p>Action needed.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p> <p>Comments: No additional comments.</p>	
<b>DEWATERING</b>	
<p>Standing water is present after 24 hours. If yes, describe sheen, color, or smell.  <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA</p> <p>Action needed.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p> <p>Comments: No additional comments.</p>	<p><b>Photo 1.</b></p> <p>-----</p> <p>-----</p>
<b>PAVEMENT SURFACE AND JOINTS</b>	
<p>Sediment has accumulated on pavement surface.  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA</p> <p>Trash and debris have accumulated on pavement surface or around curbing.  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Pavement has deteriorated, cracked, settled, or raveled.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Sediment has accumulated in the joints of PICP.  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Vegetation is growing in the joints of PICP.  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Gravel is insufficient in the joints of PICP.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Action needed.  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA</p> <p>Comments: Sedimentation has occurred towards the middle area of the permeable pavers.</p>	

<b>Wet weather inspection to be conducted by NEORS</b>	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
<b>SUMMARY</b> <b>Please address the following items:</b>  1. Permeable pavers in the back of Historical Society in the paid parking are to be cleaned (Refer to photo 1). The pavers in the roundabout area are in good condition.	

## Bioretention Area Inspection and Maintenance Checklist

<b>Facility:</b> Western Reserve Historical Society			
<b>Location/Address:</b> 10824 East Blvd Cleveland, OH 44106			
<b>Date:</b> 7/2/2019	<b>Time:</b> 12:55pm	<b>Weather Conditions:</b> Sunny	<b>Date of Last Inspection:</b> N/A
<b>Inspector:</b> Crystal Davis, Spencer Nash, Christopher Hartman		<b>Title:</b> Inspection Report	
<b>Site Plan or As-Built Plan Available:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

Inspection Item	Images
<b>DEWATERING</b>	
<p>Standing water is present after 24 hours. If yes, describe sheen, color, or smell.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Action needed.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Comments: No addition comments.</p>	
<b>INLETS</b>	
<p>Inlets are in poor structural condition.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Sediment has accumulated and/or is blocking the inlets.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Erosion is occurring around the inlets.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Action needed.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Comments: No additional comments.</p>	
<b>VEGETATION</b>	
<p>Vegetation is wilting, discolored, or dying due to disease or stress.  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Vegetation needs to be controlled through mowing or manual removal.  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Action needed.  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA</p>	
<p>Comments: Applicant needs to weed the entirety of the cell.</p>	
<b>BIORETENTION MAIN INFILTRATION AREA</b>	

**Photo 1.**

Trash and debris have accumulated. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Sediment has accumulated at the surface. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Topmost layer is caked or crusted over with sediment. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Erosion is evident. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Mulch is compacted. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Sinkholes or animal borrows are present. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Action needed. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Comments: No additional comments.	
<b>SIDE SLOPES AND EMBANKMENT</b>	
Erosion is evident. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Sinkholes or animal borrows are present. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Action needed. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Comments: No additional comments.	
<b>OUTLETS AND OVERFLOW STRUCTURE (i.e., catch basin)</b>	
Outlets or overflow structures in poor structural condition. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Sediment, trash or debris is blocking the outlets or overflow structure. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Erosion is occurring around the outlets or overflow structure. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Height from surface of practice to top of overflow structure is insufficient to allow for ponding during rain events. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Action needed. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Action needed. Note: No additional comments.	
<b>SUMMARY</b>  <b>Please address the following items:</b>  1. Regarding the bioretention cell, weeding efforts for the entirety of the practice should occur.	