



Permeable Pavement Inspection and Maintenance Checklist

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

Inspection Item	Images
PAVEMENT TRANSITION AREA	
<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>	 <p>Photo 1.</p> <p>-----</p> <p>-----</p>
DEWATERING	
<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>	
PAVEMENT SURFACE AND JOINTS	
<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>Photo 2.</p> <p>-----</p> <p>-----</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>	

Wet weather inspection to be conducted by NEORS	
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
SUMMARY Please address the following items: 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

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


Inspection Item	Images
DEWATERING	
<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>	
INLETS	
<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>	
VEGETATION	
<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>	
BIORETENTION MAIN INFILTRATION AREA	

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.	
SIDE SLOPES AND EMBANKMENT	
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.	
OUTLETS AND OVERFLOW STRUCTURE (i.e., catch basin)	
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.	
SUMMARY Please address the following items: 1. Regarding the bioretention cell, weeding efforts for the entirety of the practice should occur.	