Bioretention Area Inspection and Maintenance Checklist

Green Infrastructure Site Location and Address: Kendall & La OH 44120	rchmere GI Parking Retrofit, 12795 Larchmere Boulevard, Shaker Height
Date and Time: 07/16/2019 10:59am Weather Conditio	ns: 🈂 Sunny Date of Last Inspection: N/A
Inspector and Title: Chris Hartman, CPESC, CESSWI, CPSWQ, S	Stormwater Technical Specialist, Crystal Davis, Watershed Programs
Specialist, Spencer Nash, Watershed Programs Intern	unh and himings N/A
Rain in Last 48 Hours: No If yes, list amou	int and timing: N/A
Site Fidit Of As-built Fidit Available. Tes	
Inspection Item	Images
DEWATERING	6
Standing water is present after 24 hours. If yes, describe sheen, color, or smell. ☐ Yes ☐ No ✓ NA	
Action needed. □ Yes ☑ No □ NA	
Comments: No additional comments.	
INLETS	
Inlets are in poor structural condition. ☐ Yes No ☐ NA	Photo 1
Sediment has accumulated and/or is blocking the inlets. ☐ Yes No NA	
Erosion is occurring around the inlets. ☐ Yes ✓ No ☐ NA	
Action needed. □ Yes ☑ No □ NA	
Comments: No additional comments.	
VEGETATION	(第15年) (115年)
Vegetation is wilting, discolored, or dying due to disease or stress. ☐ Yes ✓ No ☐ NA Vegetation needs to be controlled through mowing or	Photo 2.
manual removal.	
☐ Yes ✓ No ☐ NA Action needed.	
Yes ✓ No □ NA	
Comments: No additional comments.	
BIORETENTION MAIN INFILTRATION AREA	

Trash and debris have accumulated. Yes No NA Sediment has accumulated at the surface. Yes No NA Topmost layer is caked or crusted over with sediment. Yes No NA NA NA NA NA NA NA	☐ Yes ✓ No ☐ NA Sediment has accumulated at the surface. ☐ Yes ✓ No ☐ NA	
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Green Infrastructure Site Location and Address: Kendall & Lar OH 44120	rchmere GI Parking Retrofit, 12795 Larchmere Boulevard, Shaker Height:
Date and Time: 07/16/2019 10:59am Weather Condition	ns: 🛟 Sunny Date of Last Inspection: N/A
	Stormwater Technical Specialist, Crystal Davis, Watershed Programs
Pavement Type: Permeable Interlocking Pavers	
Pretreatment: N/A	Other, specify: N/A
Site Plan or As-Built Plan Available: Yes	
Inspection Item	Images
PAVEMENT TRANSITION AREA	
Non-permeable transition area at pavement edges is unstable/deteriorating ☐ Yes ☑ No ☐ NA	
Action needed. □ Yes ☑ No □ NA	
Comments: There is some slight heaving in the northeast portion of the permeable pavers.	
DEWATERING	Photo 1.
Standing water is present after 24 hours. If yes, describe sheen, color, or smell. Yes ✓ No □ NA	
Action needed. □ Yes ✓ No □ NA	
Comments: No additional comments.	
PAVEMENT SURFACE AND JOINTS	
Sediment has accumulated on pavement surface. ☐ Yes ✓ No ☐ NA	
Trash and debris have accumulated on pavement surface or	是
around curbing. □ Yes ☑ No □ NA	
Pavement has deteriorated, cracked, settled, or raveled. ☐ Yes ✓ No ☐ NA	Photo 2.
Sediment has accumulated in the joints of PICP. ✓ Yes □ No □ NA	
Vegetation is growing in the joints of PICP. ☐ Yes ✓ No ☐ NA	
Gravel is insufficient in the joints of PICP. ✓ Yes □ No □ NA	
Action needed. ✓ Yes □ No □ NA	

Comments: Some leaves and debris have
accumulated in the northeastern portion of
the permeable pavers. Recommend to
applicant that this area should be clear
(Refer to photo 3).
Wet weather inspection to be conducted
by NEORSD
☐ Yes ✓ No ☐ NA
SUMMARY

Please address the following items:

- There is evidence of a small portion of pavers heaving in the northeast portion of the permeable pavers. See photo 1 for location. Remove debris that has settled in-between the joints (Replace stone in joints as necessary).
- 2. Leaves and debris have accumulated in the northeastern portion of the permeable pavers. Recommend to applicant that this area should be clear (Refer to photo 3).



Photo 3.