

Project Site: Collinwood Art District Azure Green Parking Lot		
Address: 15602 Waterloo, 44110		
Inspector's Name:	Date and Time:	
Christopher Hartman, CPESC, CPSWQ, CESSWI	6/19/18, 10:44am	
 Overall Notes: Minor cracking of the porous concrete was observed, Applicant should conduct some minor weeding of all t Recommend adding mulch to the bioretention cell. 		

BIORETENTION (Select yes or no to the following maintenance questions)	
	Debris notes:
Is there debris present? No	Monitor minor cracking in porous concrete.
	Sediment notes:
Is there a layer of sediment? No	N/A
	Inlet notes:
Do the inlete was ide stable convey on a interfacility O Voc	Chart flow and an arell boson descent
Do the inlets provide stable conveyance into facility? Yes	Sheet flow enters cell beyond porous concrete.
	Invasive notes:
Presence of invasive species/weeds? No	N/A
	Soil notes:
Dead vegetation/exposed soil? Yes	Need to add mulch in biocell.
Joan regerales in expense contribution	
	Clogging notes:
Evidence of clogging? No	N/A
	Erosion notes:
Evidence of erosion? No	N/A



BIORETENTION (Select yes or no to the following maintenance questions)	
	Standing water notes:
Evidence of standing water? No	N/A
	Filter media low notes:
Filter media too low? No	N/A
	Blockage notes
Evidence of blockage in or around outlet? No	N\A
	Replant notes:
Replant? No	N/A
	Complaints notes:
Complaints from local residents? No	N/A

Permeable Pavement (Select yes or no to the following maintenance questions)	
Is there sediment or debris present? No	Debris notes: N/A
Does the contributing area need maintenance or stabilization? No	Contributing notes: N/A
Standing Water is visible on the surface after a rain event? No	Standing water visible notes: N/A
Standing water present on the surface? No	Standing water notes: N/A

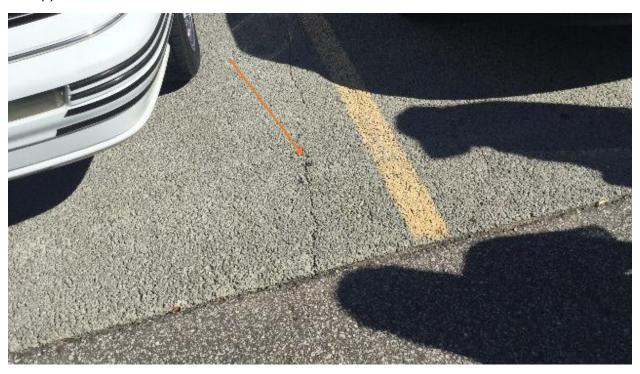


	Permeable pavement cracked notes:
Pavement has deteriorated, cracked, settled, or raveled? Yes	One crack in western area.
	Vegetation notes:
Vegetation is growing in the joints? Yes	One small area on western section.
	Gravel notes:
Gravel is insufficient in the joints of the practice? No	N/A



Maintenance Inspection Checklist

PHOTO(S) INFORMATION



Explanation: Minor cracking observed within the porous concrete.



Name: Collinwood Art District Northeast Shores Headquarters Green Parking Lot Address: 317 East 156th Street, Cleveland, OH 44110	
06/15/2018 2:50 PM	
downspout) is clogged and the debris needs to be removed so	

BIORETENTION (Select yes or no to the following maintenance questions)	
	Debris notes:
Is there debris present? Yes	Debris has accumulated in the PVC pipe.
	Sediment notes:
Is there a layer of sediment? No	N/A
	Inlet notes:
Do the inlets provide stable conveyance into facility? Yes	N/A
	Invasive notes:
Presence of invasive species/weeds? No	N/A
	Soil notes:
Dead vegetation/exposed soil? No	N/A
	Clogging notes:
Evidence of clogging? Yes	Pvc pipe conveying runoff from downspout inlet is clogged.



	Erosion notes:
Evidence of erosion? Yes	N/A
Evidence of standing water? No	Standing water notes: N/A
Filter media too low? No	Filter media low notes:
Evidence of blockage in or around outlet? No	Blockage notes:
Replant? No	Replant notes: Is there any planting in the plan at all?
Complaints from local residents? No	Complaints notes: N/A

Permeable Pavement (Select yes or no to the following maintenance questions)	
	Debris notes:
Is there sediment or debris present?	N/A
	Contributing notes:
Does the contributing area need maintenance or stabilization?	N/A



Standing Water is visible on the surface after a rain event?	Standing water visible notes: N/A
Standing water present on the surface?	Standing water notes: N/A
Pavement has deteriorated, cracked, settled, or raveled?	Permeable pavement cracked notes: N/A
Vegetation is growing in the joints?	Vegetation notes: N/A
Gravel is insufficient in the joints of the practice?	Gravel notes: N/A



Maintenance Inspection Checklist

PHOTO(S) INFORMATION



Explanation: This pipe will need to be cleaned out in order to convey stormwater correctly.



Maintenance Inspection Checklist

Program Site Name: Key Bank	
Address: 15619 Waterloo Rd, 44110	
Inspector's Name:	Date and Time:
Christopher Hartman, CPESC, CPSWQ, CESSWI	06/15/2018 2:21 PM
Occasil Nation	

Overall Notes:

- 1. Runoff was observed entering the storm drain inlet nearest the entrance of the property, thereby bypassing the bioretention cell.
- 2. Minor amount trash debris in practice near the entrance of the location. Applicant needs to remove.
- 3. Applicant needs to place solid lids on the parking lot inlets, per the original approved plan.
- 4. Applicant needs to remove the matting that is clogging the practice.
- 5. At the rear cell, rocks need to be formed in a concave manner to ensure water flow no longer causes soil erosion.

BIORETENTION (Select yes or no to the following maintenance questions)	
Is there debris present? Yes	Debris notes: Applicant needs to have solid lids on the parking lot inlets, per the original plan.
Is there a layer of sediment? No	Sediment notes: N/A
Do the inlets provide stable conveyance into facility? No	Inlet notes: N/A
Presence of invasive species/weeds? No	Invasive notes: N/A
Dead vegetation/exposed soil? No	Soil notes: N/A
Evidence of clogging? No	Clogging notes: N/A



	Erosion notes:
Evidence of erosion? No	N/A
	Standing water notes:
Evidence of standing water? No	N/A
	Filter media low notes:
Filter media too low? No	N/A
	Blockage notes:
Evidence of blockage in or around outlet? No	N/A
	Replant notes:
Replant?	Plants have been planted.
	Complaints notes:
Complaints from local residents? No	N/A



Maintenance Inspection Checklist

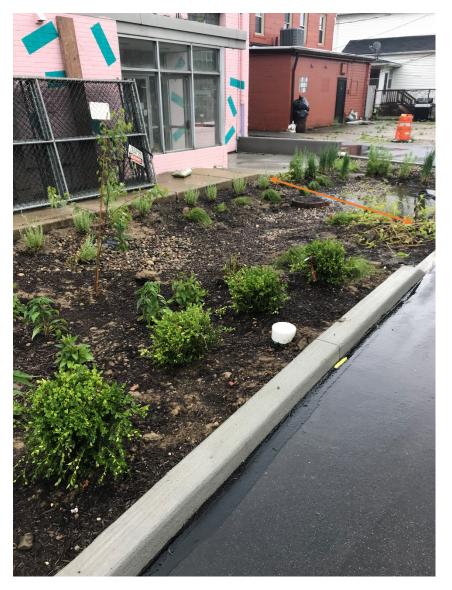
PHOTO(S) INFORMATION



Explanation: Low flow rock channels need to be formed in a concave manner. The applicant will also need to remove debris from the practice that is at the entrance of the property. Ensure runoff is not first entering parking lot drain (just off right-hand photo) prior to entering the cell (i.e., add solid lid, re-grade as necessary, etc.).



Maintenance Inspection Checklist



Explanation: During the inspection we noticed the matting that has been placed down has been compromised. Ensure it will not impact the function of the practice.