Bioretention Area Inspection and Maintenance Checklist

Facility: MLK-Carnegie Bioretention Cell				
Location/Address: Intersection of Martin Luther King Jr. Drive and Carnegie Ave				
Date: 5/24/21 Time: 10 a.m. Weather Conditions: Sunny, dry Date of Last Inspection: October 2020				
Inspector: Julie Ross, CESSWI, OIM18013 Title: Civil Associate, Michael Baker				
Rain in Last 48 Hours □ Yes ☒ No	If yes, list amount and			
Pretreatment: vegetated filter strip			ĭ none	
Site Plan or As-Built Plan Available: X		iebuy - other, specify.	Z none	
Site I ian of As-Dunt I ian Avanable. A	CS 110			
			Action	
Inspection Item		Comment	Needed	
1. PRETREATMENT			Trecucu	
Sediment has accumulated.	□Yes □No ×N/A		□Yes X No	
Trash and debris have accumulated.	□Yes □No ×N/A		□Yes XNo	
2. DEWATERING		<u> </u>		
Standing water is present after 24 hours.				
If yes, describe sheen, color, or smell.	\square Yes \square No \square N/A		□Yes XNo	
3. INLETS				
3. INLETS				
Inlets are in poor structural condition.	\square Yes \square No \square N/A		□Yes XNo	
Sediment has accumulated and/or is	103 110 11071		Lites Line	
	□Yes XNo □N/A		□Yes No	
blocking the inlets.				
Erosion is occurring around the inlets.	□Yes XNo □N/A		□Yes XNo	
2 VECETATION	LIES LING LINA		LIES MINU	
3. VEGETATION				
Vegetation is wilting, discolored, or	□Yes XNo □N/A	Some vegetation outside fo the bioretenion cell	□Yes XNo	
dying due to disease or stress.	LIES AND LIN/A	appears to be dying. Continue to monitor.	Lites Alno	
Vegetation needs to be controlled through	□Yes XNo □N/A		□Yes XNo	
mowing or manual removal.			L Yes ANO	
4. BIORETENTION MAIN INFILTRATION AREA				
Trash and debris have accumulated.	□Yes XNo □N/A	Minimal debris. To be removed by landscaping	□Yes XNo	
	LYES ANO LIN/A	crew.	□ Yes △No	
Sediment has accumulated at the surface.		Crews will remove weeds and plants from grass		
	□Yes XNo □N/A	bioretention area.	□Yes XNo	
Topmost layer is caked or crusted over			□ □	
with sediment.	□Yes XNo □N/A		□Yes XNo	
Erosion is evident.		No erosion. Sediment is exposed in some		
Erosion is evident.	□Yes No □N/A	places along embankment.	□Yes XNo	
Mulch is compacted.				
Withen is compacted.	□Yes XNo □N/A		□Yes XNo	
Sinkholes or animal borrows are present.				
Shikholes of allithat boffows are present.	□Yes XNo □N/A		□Yes XNo	
5. SIDE SLOPES AND EMBANKMENT	Γ			
Erosion is evident.		Sediment is exposed on embankment. More		
Erosion is evident.	\square Yes \square No \square N/A	mulch will be furnished on the embankment.	\mathbf{X} Yes \square No	
Sinkholog or instability is swident				
Sinkholes or instability is evident.	\square Yes \square No \square N/A		\square Yes \square No	
6. OUTLETS AND OVERFLOW STRUCTURE (i.e., catch basin)				
Outlets or overflow structures in poor		Outlet pipe in trap will be further inspected to		
structural condition.	\square Yes \square No \square N/A	determine if joint is water tight	X Yes □No	
Sediment, trash or debris is blocking the	_		_	
outlets or overflow structure.	\square Yes \square No \square N/A		□Yes XNo	
Erosion is occurring around the outlets or			_	
overflow structure.	\square Yes \square No \square N/A		□Yes X No	
Height from surface of practice to top of				

□Yes XNo □N/A

□Yes XNo

overflow structure is insufficient to allow

for ponding during rain events.

Additional Notes
Overall, bioretention area appears to be in good condition along with the associated educational signage. See attached photos for further documentation.
Inspection attendees included: Julie Ross and Douglas Blank, Michael Baker; Don Tereba and Matthew Zimmerman, RTA; and Elise Yablonsky, University Circle Inc.
Wet weather inspection needed □ Yes 🙀 No

Site Sketch:

See attached.

















