



## Bioretention Area Inspection and Maintenance Checklist

<b>Green Infrastructure Site Location and Address:</b> Bioretention Areas at Jefferson Branch Library Project, 850 Jefferson Ave Cleveland, OH, 441113		
<b>Date and Time:</b> 07/9/2019 11:40am	<b>Weather Conditions:</b> ☀ Sunny	<b>Date of Last Inspection:</b>
<b>Inspector and Title:</b> Chris Hartman, CPESC, CESSWI, CPSWQ, Stormwater Technical Specialist, Crystal Davis, Watershed Programs Specialist, Spencer Nash, Watershed Programs Intern		
<b>Rain in Last 48 Hours:</b> No <b>If yes, list amount and timing:</b> N/A		
<b>Site Plan or As-Built Plan Available:</b> Yes		

Inspection Item	Images
<b>DEWATERING</b>	
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	
Action needed. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Comments: No additional comments	
<b>INLETS</b>	
Inlets are in poor structural condition. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	<div style="text-align: center;"> <b>Photo 1.</b>  <hr style="border-top: 1px dashed black;"/> <hr style="border-top: 1px dashed black;"/>  </div>
Sediment has accumulated and/or is blocking the inlets. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA	
Erosion is occurring around the inlets. <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>VEGETATION</b>	
Vegetation is wilting, discolored, or dying due to disease or stress. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Vegetation needs to be controlled through mowing or manual removal. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Action needed. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	
Comments: Applicant should weed the entirety of the practice. Both cells ( <b>Refer to photos 1 &amp; 2</b> ).	
<b>BIORETENTION MAIN INFILTRATION AREA</b>	
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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	

Topmost layer is caked or crusted over with sediment.  
☒ Yes ☐ No ☐ NA

Erosion is evident.  
☐ Yes ☒ No ☐ NA

Mulch is compacted.  
☐ Yes ☒ No ☐ NA

Sinkholes or animal borrows are present.  
☐ Yes ☒ No ☐ NA

Action needed.  
☒ Yes ☐ No ☐ NA

Comments: A layer of sediment is currently present on top of the bioretention cell. Instruct applicant to remove the light layer of soil and sediment and re-mulch as needed **(Refer to photo 4).**



**Photo 3.**

**SIDE SLOPES AND EMBANKMENT**

Erosion is evident.  
☐ Yes ☒ No ☐ NA

Sinkholes or animal borrows are present.  
☐ Yes ☒ No ☐ NA

Action needed.  
☐ Yes ☒ No ☐ NA

Comments: No additional comments.

**OUTLETS AND OVERFLOW STRUCTURE (i.e., catch basin)**

Outlets or overflow structures in poor structural condition.  
☐ Yes ☒ No ☐ NA

Sediment, trash or debris is blocking the outlets or overflow structure.  
☒ Yes ☐ No ☐ NA

Erosion is occurring around the outlets or overflow structure.  
☐ Yes ☒ No ☐ NA

Height from surface of practice to top of overflow structure is insufficient to allow for ponding during rain events.  
☐ Yes ☒ No ☐ NA

Action needed.  
 Yes ☒ ☐ No ☐ NA

Note: No additional comments.

**SUMMARY**

**Please address the following items:**

1. Ensure the practice is properly weeded (**Photos 1, 2, 4, and 5**).
2. Ensure debris that has deposited on top of the outlet is removed (**Photo 3**).



**Photo 4**



**Photo 5**