# Bioretention Area Inspection and Maintenance Checklist

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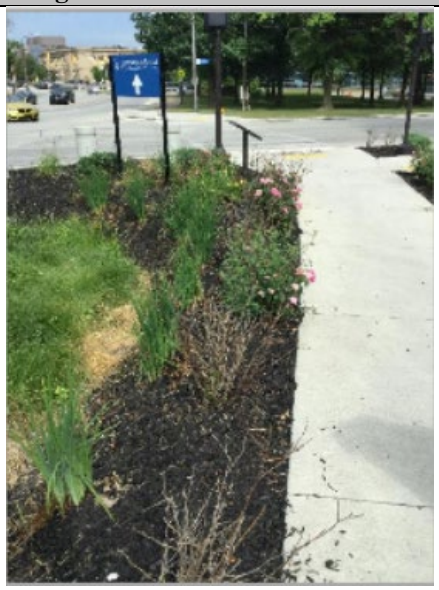
|---|---|---|
| **Green Infrastructure Site Location and Address:** MLK Carnegie Infrastructure Project, Intersection of MLK Jr. Dr & Carnegie Ave | | |
| **Date and Time:** 07/16/2019 10:35am | **Weather Conditions:** Sunny | **Date of Last Inspection:** N/A |
| **Inspector and Title:** Chris Hartman, CPESC, CESSWI, CPSWQ, Stormwater Technical Specialist, Crystal Davis, Watershed Programs Specialist, Spencer Nash, Watershed Programs Intern | | |
| **Site Plan or As-Built Plan Available:** Yes | | |

| Inspection Item | Images |
|---|---|
| **DEWATERING** | |
| Standing water is present after 24 hours. If yes, describe sheen, color, or smell.<br>☐ Yes ☐No ☑NA | |
| Action needed.<br>☐ Yes ☑ No ☐ NA | |
| Comments: No additional comments | |
| **INLETS** | |
| Inlets are in poor structural condition.<br>☐ Yes ☑ No ☐ NA | |
| Sediment has accumulated and/or is blocking the inlets.<br>☐ Yes ☑ No ☐ NA |  <br>**Photo 1.**<br>---------- |
| Erosion is occurring around the inlets.<br>☑Yes ☐ No ☐ NA |  <br>**Photo 2.**<br>---------- |
| Action needed.<br>☑ Yes ☐ No ☐ NA | |
| Comments: Erosion is occurring around the eastern inlet. Applicant will need to stabilize erosion through means of rock inlet protection or re-mulching the area (**Refer to photo 3**). | |
| **VEGETATION** | |
| Vegetation is wilting, discolored, or dying due to disease or stress.<br>☐ Yes ☑ No ☐ NA | |
| Vegetation needs to be controlled through mowing or manual removal.<br>☑Yes ☐ No ☐ NA | |
| Action needed.<br>☑ Yes ☐ No ☐ NA | |

Comments: Applicant will need to weed the cell.

**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

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: No additional comments

**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

Action needed.
Note: No additional comments.

**SUMMARY**

**Please address the following items:**

1. Ensure the erosion occurring at the eastern inlet is stabilized (runoff inflow appears to be running along the side of the rock inlet protection…reform the rock into a concave shape).
2. Weed the practice to reduce the amount of invasive species. **Refer to photo 3. for the location that has erosion.**

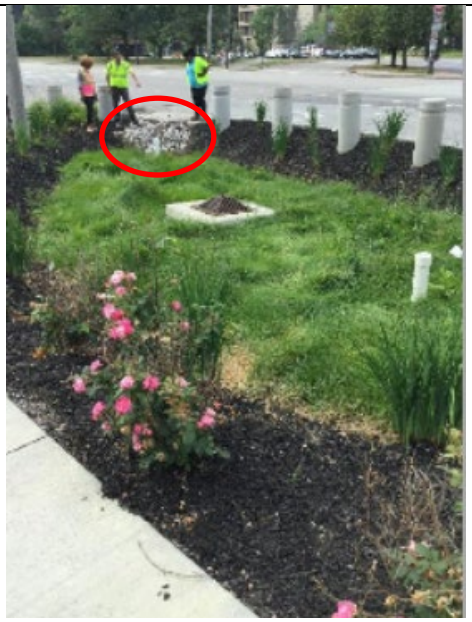


**Photo 3.**

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