

## Green Infrastructure Grant Program (GIGP)

### Maintenance Inspection Checklist

<b>Site Name: Western Reserve Land Conservancy</b>	
<b>Address: 3850 Chagrin River Road, 44022</b>	
<b>Inspectors Name:</b> Christopher Hartman, CPESC, CPSWQ, CESSWI	<b>Date and Time:</b> 06/19/2018 4:23 PM
<b>Overall Notes:</b> <ol style="list-style-type: none"> <li>1. Within the bioretention cell nearest to the SE corner of the building, the concrete lid that makes up the overflow structure has not been properly sealed, thereby reducing the effective ponding area by a depth of approximately 6-inches. Ensure this seam is sealed watertight.</li> <li>2. The 2 bioretention cells along east side of the parking lot (on each side of the main entrance) appear to be filled with gravel and sediments from the gravel parking lot. The cells should be restored to original design elevations and additional precautions should be put in place to minimize sediment contribution from the gravel lot. Outlet structures should be checked to ensure they are watertight along all seams.</li> </ol>	

<b>BIORETENTION (Select yes or no to the following maintenance questions)</b>	
Is there debris present? <b>No</b>	Debris notes:  <b>Cell 6 has sedimentation concerns and possible leaky outlet structure.</b>
Is there a layer of sediment? <b>Yes</b>	Sediment notes:  <b>Sediment is originating from gravel parking lot.</b>
Do the inlets provide stable conveyance into facility? <b>Yes</b>	Inlet notes:  <b>N/A</b>
Presence of invasive species/weeds? <b>No</b>	Invasive notes:  <b>N/A</b>
Dead vegetation/exposed soil? <b>No</b>	Soil notes:  <b>N/A</b>

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Evidence of clogging? <b>No</b>	Clogging notes: <b>N/A</b>
Evidence of erosion? <b>No</b>	Erosion notes: <b>N/A</b>
Evidence of standing water? <b>No</b>	Standing water notes: <b>N/A</b>
Filter media too low? <b>No</b>	Filter media low notes: <b>N/A</b>
Evidence of blockage in or around outlet? <b>No</b>	Blockage notes: <b>N/A</b>
Replant? <b>No</b>	Replant notes: <b>N/A</b>
Complaints from local residents? <b>No</b>	Complaints notes: <b>N/A</b>

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#### PHOTO(S) INFORMATION



**Explanation: This cracked outlet is letting flow right into the practice without proper treatment (SE corner of building).**



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**Explanation:** The sediment from parking lot is flowing into this practice, potentially clogging the bioretention cell.