BMP Inspection Checklist for Long Term O&M of

Bioretention and Rain Gardens

This form is to be used for long term BMP inspections by inspection staff. A copy of this form is to be left with the development's responsible party, on-site if feasible.

Project:	**Inspection Date:** ____/____/_____	**Plan/Permit Number:**
Inspector:		**Date Placed in Service:** ___/___/_____
Location:		
Date of Last Inspection: / /	**Owner/ Representative:**	
As-built Plans Available: Y / N	**Rain in last 48 hrs.? Y / N If Y, Amount Rain:**	
Underdrain? Y / N	**Hydraulic Configuration: On-line facility / Off-line facility**	
Filtration Media:	**Type of Pre-Treatment Facility:**	

Bioretention facilities should be inspected and cleaned annually during the Spring. In the initial 6 months after installation, the site should be inspected at least twice after storm events that exceed 1/2-inch of rainfall. During the first two months following installation weekly watering is necessary. After the first two months, watering should be done as needed during the first growing season (April-October). If vegetation needs to be replaced, one-time spot fertilization may be needed. If possible, use an organic fertilizer rather than a chemical fertilizer. Each bioretention facility should have a customized routine maintenance schedule to address typical vegetation growth and degradation. (i.e. mowing, weeding, erosion repair, pruning etc.)

	Best Management Practice (BMPs)	Needs Maintenance? Y/N	Investigated Previously? Y/N	Repaired? Y/N	Date Maintenance Must Be Completed By:	Corrective Action Needed
	General					
1	Is there trash and/or debris present?					
2	Is there evidence of contamination and/or pollutants? (ex. Oil, gasoline, paint etc.)					
3	Is there evidence of erosion?					
4	Is there evidence of mosquito proliferation?					
5	Are there complaints from local residents?					
6	Is there encroachment on the receiving pervious area(s) or easement by buildings or other structures?					
	Contributing Drainage Area and Pre-Treatment					
7	Is ponding present? Is there evidence of clogging of the inlets/outlets/ bypass?					
8	Is there dead vegetation or exposed soil?					
9	Is there dead vegetation or exposed soil?					
	Inlets					
10	Is there sediment build-up near inlets that prevent flow from getting into the bed?					
11	Is there trash or debris entering inlet?					
	Vegetation					
12	Are invasive plants or weeds present?					
13	Are there indications of diseased or infested trees and/or shrubs?					
	Underdrains and Outflow					
14	Are outlet structures clogged or obstructed?					
15	Are cleanouts capped and properly connected to underdrain?					

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	Filter Media					
16	Are there signs of erosion, settlement (depressions in media), or compaction?					
17	Bioretention soil media can become clogged when runoff carries high quantities of sediment. Is there evidence of crusting, standing water or the facility not dewatering between storms or longer than 48 hour after a storm?					
18	Is there dead vegetation or exposed soil?					
19	Evaluate the topsoil condition. Is the pH level appropriate (6-7) and composition (loamy sand or sandy loam) appropriate?					

Additional Comments: ☐ See photos #_____

Overall conditions of Facility: ☐Acceptable ☐Unacceptable

Action Taken: ☐Verbal Warning ☐Written Warning ☐Notice of Violation

"I certify that the information submitted is, to the best of my knowledge and belief, true, and complete."

Signature: Date: