

STORMWATER MANAGEMENT FACILITY MAINTENANCE INSPECTION CHECKLIST

Rain Garden/Bioretenion

(MUNICIPAL USE ONLY)

LOCATION		BMP ID	
DA (AC.)		DATE INSTALLED	

TO BE COMPLETED BY BMP OWNER

Date of Inspection:		Weather Conditions (eg. Sunny, rainy, etc.)	
Inspector Name:		Owner Email:	
Current Owner:		Owner Phone Number:	

INSPECTION RATING SYSTEM

S= SATISFACTORY		Y=YES	N/A = NOT APPLICABLE			
UN= UNSATISFACTORY		N=NO				

A. INFLOW/OUTFLOW POINTS	Y/N
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Are the incoming pipes/headwalls damaged?	
Are tributary inlets clogged?	
Outlet structure damaged?	
Outlet structure orifices clogged?	
Emergency spillway obstructed (i.e. filled w/ sediment or eroded)?	
Energy dissipator functioning properly and in place (i.e. rock riprap by endwall)	
Is sediment forebay present?	
If yes, is the forebay clear of trash/debris/sediment?	

B. EROSION OBSERVATIONS/VEGETATION OVERGROWTH/GENERAL	Y/N
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Basin berm eroded and/or missing vegetation?	
Is erosion occurring through garden in forms of rills and gullies?	
Invasive vegetation present?	
Mulch present at bottom of raingarden?	
Is dead or dying vegetation present?	
Trash/debris in facility?	
Standing water 72 hours after rainfall event?	
Was there any known damages within the facility since last inspection?	
If yes, please describe:	

If BMP owner has any questions, please feel free to call the Borough at 215-257-5065.

C. GENERAL CONDITIONS				S/UN
Rate the overall condition of the facility.				
D. ATTACH PHOTOGRAPHS*				
The owner must send in photographs of the stormwater facility, that provide sufficient detail of the overall condition including but not limited to overall view of basin, upstream inlets, outlet structures, etc.				
* The BMP owner may choose to email the photos to permits@perkasiaborough.org (Please be sure to include Address and Owner Name in subject line)				
E. REQUIRED MAINTENANCE ACTIVITIES				
Maintenance Frequency	Maintenance Activity	Completed	Action Needed	
Quarterly (for first year), then annually	All basin structures (basin bottoms, trash racks, outlet structures, riprap, gabion structures, and inlets) must be inspected for clogging and excessive debris and sediment accumulation			
As needed	Check for standing water 72 hours after rainfall event which could indicate clogged surface layer. Remove surface 2" and replace with fresh soil mixture and shredded no-dyed hardwood mulch.			
	Remove sediment buildup from forebay or any flow channels.			
	Remove and replace perennials as needed with approved native plants to maintain ground cover. Annuals may also be used to maintain ground cover.			
	Replace mulch.			
	Check for animal burrows in or around rain gardens.			
	Prune trees and shrubs to encourage growth in spring or fall, and in early spring cut back dead plant material to 1/3 of its height.			
Inspected By:				
		(Signature)		
If different than BMP Owner, provide contact information:				
Company Name:				
Address:				
Phone #				
Email:				
For Municipal Use Only				
Date Received:		Received By:		
Corrective Actions Required:				

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