

BMP Maintenance and Inspection Checklist Bioretention

[Note: a separate form must be used for each BMP]

Project Name: _____
 Project Address: _____
 Owner's Name: _____
 Owner's Address: _____
 Recorded Book and Page Number of the Lot: _____
 BMP Name and Location: _____
 Inspection Date: _____
 Inspector: _____
 Inspector Address/ _____
 Date Last Inspected: _____

Maintenance Item	Satisfactory	Unsatisfactory	Comments/Actions Required
1. Debris Cleanout			
Clear of trash and debris	<input type="checkbox"/>	<input type="checkbox"/>	
2. Vegetation Management			
Banks / surrounding areas mowed	<input type="checkbox"/>	<input type="checkbox"/>	
Unwanted vegetation present	<input type="checkbox"/>	<input type="checkbox"/>	
Condition of plants	<input type="checkbox"/>	<input type="checkbox"/>	
Condition of mulch - Must be double hammered hardwood, 3 inches deep (replace at least every 2 years and renew yearly)	<input type="checkbox"/>	<input type="checkbox"/>	
3. Erosion			
Evidence of soil erosion on banks or contributing areas	<input type="checkbox"/>	<input type="checkbox"/>	

4. Sedimentation		
Forebay (if present) sediment inspection (cleanout when 50% full)	<input type="checkbox"/>	<input type="checkbox"/>
Evidence of sediment in bioretention cell	<input type="checkbox"/>	<input type="checkbox"/>
5. Energy dissipators		
Inspect pea gravel diaphragm (replace as needed)	<input type="checkbox"/>	<input type="checkbox"/>
Condition of dissipater at inlets	<input type="checkbox"/>	<input type="checkbox"/>
Condition of dissipater at outfall	<input type="checkbox"/>	<input type="checkbox"/>
6. Inlet		
Condition of pipe of swale (cracks, leaks, sedimentation, woody vegetation)	<input type="checkbox"/>	<input type="checkbox"/>
7. Outlet		
Condition of outlet / drop box	<input type="checkbox"/>	<input type="checkbox"/>
8. Dewatering (drawdown must be between 48 hours and 120 hours)		
Evidence of standing water	<input type="checkbox"/>	<input type="checkbox"/>
9. Overall functionality		
Evidence of bypass	<input type="checkbox"/>	<input type="checkbox"/>
P Index test results for soil media (indicate test results and date last tested)	<input type="checkbox"/>	<input type="checkbox"/>
10. Miscellaneous		

If applicable: Attach to this form documentation of BMP maintenance escrow account activity. This may be provided in the form of a bank statement which includes the current balance, as well as deposits and withdraws for the previous 12 months.

Maintenance Actions Taken: [If any of the above items were marked “U” for unsatisfactory, explain the actions taken and time table for correction. Attach additional pages as necessary.]

Additional Comments:

Based upon my inspection of the constructed BMP described herein on _____, I certify that at the time of my inspection said BMP was functioning properly and was in substantial compliance with the approved plans and the terms and conditions of the approved maintenance agreement required by the Stormwater Control Ordinance.

Certification:

Inspector's Signature

Date

[Note: The Stormwater Control Ordinance requires that inspections be conducted of all BMPs beginning within one (1) year from the date of record drawing certification and each year thereafter and that these inspections be completed by a qualified professional as defined in Section 23-33 of the Ordinance. All inspections must be documented and submitted using this form. The inspection form must be signed by the inspector and mailed to the City Engineer at the following address: City of Fayetteville, City Engineer, 433 Hay Street, Fayetteville NC 28301]