**Filter Strip / Wooded Buffer Inspection Checklist**

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

BMP Name and Location: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Deed Book and Page Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Project Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Owner’s Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Owner’s Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inspection Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inspection Time: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inspector: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inspector Address/Phone Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Inspection Type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(choose from Final Construction, Maintenance Bond, Annual Compliance, Routine Maintenance, Follow-up, or Other Inspection)

**Compliance Status Information (if applicable)**

|  |  |  |  |
| --- | --- | --- | --- |
| **Notice Issued** | **Notice Date** | **Required Compliance Date** | **Actual Compliance Date** |
| Notice of Violation (NOV) |  |  |  |
| Notice of Violation with Penalty (NOVP) |  |  |  |

**Major inspection/maintenance elements of Filter Strips/Wooded Buffer Strips are:**

* Requires periodic repair, regrading, and sediment removal to prevent channelization.
* Plants may be watered twice weekly after initial planting until the plants become established.
* Filter strips require similar maintenance to other vegetative practices. Reseeding may be required.
* Turf grass is not to be cut below 3 to 5 inches.
* Maintenance is very important to ensure that flow does not short circuit the BMP.
* Trees may be pruned, and the thinning of vines and thick undergrowth is allowed to provide a better view and an aesthetic landscape.
* Removal of natural leaf clutter in wooded buffer strips is discouraged. Where this material is not present, organic mulch such as wood chips or tree bark should be maintained at a minimum depth of 2 inches.
* Invasive species must be removed.

**High Priority Corrective Actions** in the Inspection Table below include those actions that have the potential to cause structure failure, functional failure, harm to the public or the environment as determined by a professional engineer or registered landscape architect and should be repaired immediately. Examples of these High Priority items may include (but not limited to):

* Eroded areas causing failure of surrounding structures
* Lack of sufficient vegetation
* Clogged level spreader / dispersion device

| **Filter Strip / Wooded Buffer Inspection Checklist** |
| --- |
| **Maintenance Item** | **Corrective Action Required** | **Continue Ongoing Maintenance** | **Recommended Frequency** | **Comments/Actions Required** |
| **High Priority****(0-30days)** | **Priority****(30-45 days)** | **Not Accessible** |
| **1. Debris cleanout** |  |  |  |  |  |  |
| Clear of trash and debris | [ ]  | [ ]  | [ ]  | [ ]  | W-M |  |
| **2. Vegetation Management** |  |  |  |  |  |  |
| Grass height (maintain 3-6 inch height) | [ ]  | [ ]  | [ ]  | [ ]  | W-M |  |
| Unwanted vegetation present | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Ground cover well established (yearly reseeding needed) | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| **3. Erosion** |  |  |  |  |  |  |
| Evidence of soil erosion in filter strip and below dispersion device | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **4. Drainage** |  |  |  |  |  |  |
| Evidence of standing water | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Evidence of bypass | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Check outlet pipes for clogging | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **5. Sedimentation** |  |  |  |  |  |  |
| Sediment accumulation | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| Sediment in gravel diaphragm (if present) | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| **6. Energy dispersion /check dams** |  |  |  |  |  |  |
| Condition / functionality of dispersion devices | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Debris on dispersion devices | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Condition of check dams | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Inspect pea gravel diaphragm (replace as needed) | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **7. Additional Comments** |  |

W=Weekly, M=Monthly, Q=Quarterly, Y=Yearly

**I do hereby certify that I conducted an inspection of the BMP described herein. I further certify that at the time of my inspection said BMP was performing properly and was in compliance with the approved plans and the terms and conditions of the approved maintenance agreement required by the Post-Construction Storm Water Ordinance.**

**Certification:**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Inspector’s Signature Date**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Professional Engineer’s Signature Date**

**(Professional seal)**

Note: The Post-Construction Storm Water Ordinance requires that inspections be conducted of all BMPs beginning within one (1) year from the date of the approved as-built certification and each year thereafter and that these inspections be completed by a North Carolina Professional Engineer. All inspections must be documented, signed, sealed, and submitted using this form.

The completed inspection form should be emailed to JRappe@Stallingsnc.org or a paper copy submitted to:



Storm Water Administrator

Town of Stallings

315 Stallings Road

Stallings, NC 28104