**Wet Pond 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 guidelines for Wet Ponds are:**

* All fill embankments must be kept free of woody materials and burrow holes.
* All fill embankments must be structurally stable.
* Detention basins must be cleaned out after 25% of the main pond storage capacity is lost and forebays cleaned out after 50% of the forebay capacity is lost
* Water should be relatively clear
* Algal growth needs to be monitored
* Inspect outlet facilities for damage and clogging.
* Prevention of piping of concentrated flow around the outlet pipe
* Vegetation on littoral shelf is needed to prevent geese and to allow vegetative uptake of pollutants

**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):

* Potential bank failures (presence of woody vegetation, burrow holes, sloughing, etc.)
* Outlet structure bypass, blockage, or failure
* Significant oil sheen that could indicate a petroleum product release

| **Wet Pond 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 Clean out**
 |  |  |  |  |  |  |
| Clear of trash and debris | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **2. Vegetation Management** |  |  |  |  |  |  |
| Banks / surrounding areas mowed | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Unwanted vegetation present | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Condition of wetland plants | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **3. Erosion** |  |  |  |  |  |  |
| Evidence of soil erosion on banks or contributing drainage areas | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **4. Sedimentation** |  |  |  |  |  |  |
| Forebay sediment inspection (clean out every 7 years or when 50% full) | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Pond volume measurement (dredge every 20 years or when 25% of permanent pool volume is lost) | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| **5. Energy dissipators** |  |  |  |  |  |  |
| Condition of dissipator at inlet | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| Condition of dissipator at outfall | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| **6. Inlet** |  |  |  |  |  |  |
| Condition of pipes and /or swale (cracks, leaks, sedimentation , woody vegetation) | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **7. Outlet** |  |  |  |  |  |  |
| Condition of orifice (drawdown device) | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Condition of riser outlet and trash rack | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **8. Ememrgency Spillway and dam** |  |  |  |  |  |  |
| Condition of spillway | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| Condition of dam (leaks, holes, woody vegetation) | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
|  **9. Mechanical devices** |  |  |  |  |  |  |
| Inspect all valves, etc. (should be exercised yearly) | [ ]  | [ ]  | [ ]  | [ ]  | Y |  |
| **10. Visual inspection** |  |  |  |  |  |  |
| Appearance of water ( i.e. Sheen , muddy, oily, clear, algae) | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| Mosquito larvae | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **11. Forebay embankment** |  |  |  |  |  |  |
| Condition of Forebay embankment (breached) | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **12. Water elevation** |  |  |  |  |  |  |
| Is pond at normal pool elevation? | [ ]  | [ ]  | [ ]  | [ ]  | M |  |
| **13. 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