**Town of Landis**

**Phase II Stormwater Management**

**BMP Maintenance and Inspection Form**

**Wet Detention Basin**

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

Stormwater Permit Number: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Maintenance Item** | **Satisfactory** | **Unsatisfactory** | **Comments/Actions Required** |
| **1. Debris Cleanout**  |
| Clear of trash and debris |  |  |  |
| **2. Vegetation Management**  |
| Banks / surrounding areas mowed (3.5” - 6" height) |  |  |  |
| Unwanted vegetation present |  |  |  |
| Condition of wetland plants and vegetated shelf |  |  |  |
| **3. Erosion**  |
| Evidence of soil erosion on banks or contributing drainage areas and outlet |  |  |  |
| **4. Sedimentation**  |
| Forebay sediment inspection (cleanout every 7 years or when 50% full) |  |  |  |
| Pond volume measurement (dredge every 20 years or when 25% of permanent pool volume lost) |  |  |  |
| **5. Energy dissipators**  |
| Condition of dissipater at inlets |  |  |  |
| Condition of dissipater at outfall |  |  |  |
| **6. Inlet** |  |
| Condition of pipe and / or swale (cracks, leaks, sedimentation, woody vegetation) |  |  |  |
| **7. Outlet** |
| Condition of orifice (drawdown device) |  |  |  |
| Condition of riser outlet, barrel, and trash rack |  |  |  |
| **8. Emergency spillway and dam** |
| Condition of spillway |  |  |  |
| Condition of dam (ie. leaks, holes, slope failures, woody vegetation, muskrat activity) |  |  |  |
| **9. Mechanical devices** |
| Inspection of all valves, etc. (exercise yearly) |  |  |  |
| **10. Visual Inspection** |
| Appearance of water (ie. sheen, muddy, oily, clear, algae, etc) |  |  |  |
| Mosquito larvae |  |  |  |
| **11. Forebay embankment** |  |
| Condition of forebay embankment (breached?) |  |  |  |
| **12. Water elevation** |  |
| Is pond at normal pool elevation? |  |  |  |
| **13. Miscellaneous:**  |

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

**Does the Owner have records of the routine scheduled inspections for the past year? YES NO**

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

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Additional Comments:**

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