***The University of New Hampshire UNH Facilities***

***Durham, NH 03824 6 Leavitt Lane Durham, NH 03824***

***603-862-1437***

Subsurface Gravel Wetland Inspections and Maintenance Checklist

Facilities ID: Location: Owner (circle one): Town of Durham University of New Hampshire Inspector Name: Date: Time: Site Conditions:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Maintenance Item** | **Satisfactory** | **Unsatisfactory** | **Inspection Frequency** | **Comments / Actions Required** |
| **1. Debris Cleanout** | | | | |
| Clear of Trash and Debris |  |  | M |  |
| Animal Burrows |  |  | M |  |
| **2. Vegetation Management** | | | | |
| Vegetation Should Cover > 75% of the System |  |  | A |  |
| Unwanted Vegetation Present |  |  | A |  |
| Dead Vegetation or Exposed Soil Present |  |  | A |  |
| Cut and Remove Vegetation From the System  and Forebay to Maintain Nitrogen Performance |  |  | A3 |  |
| **3. Erosion Management** | | | | |
| Evidence of Internal Soil Erosion |  |  | M-S |  |
| Evidence of Soil Erosion From Surrounding Areas |  |  | M-S |  |
| **4. Dewatering** | | | | |
| Evidence of Standing Water (ponding, noticeable  odors, water stains, algae) |  |  | M |  |
| System is Fully Draining within a 24 -48 Hour  Period After Rain Events |  |  | A-S |  |
| **5. Sedimentation** | | | | |
| Accumulation of Sediment or Organic Debris on  Surface |  |  | M |  |
| **6. Inlets / Outlets / Overflow Pipes** | | | | |
| Condition of Pipes (cracks, leaks, sedimentation) |  |  | A |  |
| Evidence of High-Flow Bypass |  |  | A |  |
| Bypass Functioning Normally |  |  | A |  |
| **7. Hazards** | | | | |
| Have There Been Complaints From Residents? |  |  | M-A |  |
| Public Hazards Noted? |  |  | M-A |  |
| **8. Miscellaneous / Other** | | | | |
|  | | | | |
|  | | | | |

*Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms; A3 = Once every three years*

Maintenance Actions Taken / Additional Comments: [If any of the above items were marked “U” for unsatisfactory, explain the actions taken and time table for correction.