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

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

***603-862-1437***

Subsurface Gravel Filter 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 |  |
| **2. Vegetation Management** | | | | |
| Grass Height (maintain 2-6 inch height) |  |  | W-M |  |
| Ground Cover Well Established (yearly reseeding needed) |  |  | Q |  |
| Unwanted Vegetation Present |  |  | M |  |
| Dead Vegetation or Exposed Soil Present |  |  | M |  |
| **3. Erosion Management** | | | | |
| Evidence of Soil Erosion in Defined Area |  |  | 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 Draining Fully Ensuring There is No Standing water  Above the Inlet and Outlet Controls |  |  | A |  |
| **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 |  |
| Inlet Control Structures Are < 50% Full of Sediment |  |  | A |  |
| **7. Connecting Catch Basins** | | | | |
| Sediment Level in Catch Basins Are < 50% Full of Sediment |  |  | A |  |
| Foul Contents / Unwanted Contaminants in Catch Basin |  |  | A |  |
| **8. Miscellaneous / Other** | | | | |
|  | | | | |
|  | | | | |

*Inspection Frequency Key: A=Annual; Q=Quarterly; M=Monthly; W=Weekly; S= after major storms*

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.