**Extended Detention Pond Inspections and Maintenance Checklist**

Site Name: Owner Change since last inspection? Y N

Location:

Owner Name:

Address: Phone Number:

Site Status:

Date: Time: Site conditions:

Stormwater Pond Type: Wet ED Pond  Micropool ED Pond  Multiple Pond System 

*Inspection Frequency Key: A=annual; M=monthly; S=after major storms*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inspection Items | Inspection Frequency | Inspected? (Yes/No) | Maintenance Needed? (Yes/No) | Comments/Description |
| **Contributing Drainage Area** | | | | |
| Banks upstream and downstream free of sloughing , animal burrows, boggy  areas, woody growth and gully erosion? | *A/S* |  |  |  |
| Excessive trash, debris, erosion or  landscaping waste? | *A/S* |  |  |  |
| **Embankment and Emergency Spillway** | | | | |
| Vegetation healthy? | *A/S* |  |  |  |
| Erosion on embankment? | *A/S* |  |  |  |
| Animal burrows in embankment? | *A/S* |  |  |  |
| Cracking, sliding, bulging of dam? | *A/S* |  |  |  |
| Drains blocked or not functioning? | *A/S* |  |  |  |
| Leaks or seeps on embankment? | *A/S* |  |  |  |
| Slope protection failure functional? | *A/S* |  |  |  |
| Emergency spillway obstructed? | *A/S* |  |  |  |
| Erosion in/around emergency spillway? | *A/S* |  |  |  |
| Other (describe) | *A/S* |  |  |  |
| **Riser and Principal Spillway** |  |  |  | (describe type: concrete pipe, slotted  weir, channel, etc.) |
| Low-flow orifice functional? | *A/S* |  |  |  |
| Debris Trash rack, reverse sloped pipe or flashboard riser?  (Debris removal needed?  Corrosion noted?) | *A/S* |  |  |  |
| Sediment buildup in riser? | *A* |  |  |  |
| Concrete/masonry condition? (Cracks  or displacement? Spalling?) | *A* |  |  |  |
| Metal pipe in good condition? | *A* |  |  |  |
| Control valve operational? | *A* |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Inspection Items | Inspection Frequency | Inspected? (Yes/No) | Maintenance Needed? (Yes/No) | Comments/Description |
| Pond drain valve operational? | *A* |  |  |  |
| Outfall channels function, not eroding? | *A* |  |  |  |
| Other (describe) | *A* |  |  |  |
| **Sediment Forebays** | | | | |
| Sediment cleanout needed (over 50  percent full)? | *A/S* |  |  |  |
| Stormwater inlet free of material  damage, erosion and undercutting? | *A* |  |  |  |
| **Permanent Pool Areas (if applicable)** | | | | |
| Undesirable vegetation growth? | *M* |  |  |  |
| Visible pollution? | *M* |  |  |  |
| Shoreline erosion? | *M* |  |  |  |
| Erosion at outfalls into pond? | *M* |  |  |  |
| Headwalls and endwalls in good  condition? | *M* |  |  |  |
| Encroachment into pond or easement  area by other activities? | *M* |  |  |  |
| Evidence of sediment accumulation? | *A* |  |  |  |
| Clogging at low-flow orifice? | *Twice per*  *year* |  |  |  |
| **Dry Pond Areas (if applicable)** | | | | |
| Vegetation adequate? | *M* |  |  |  |
| Undesirable vegetation or woody plant  growth? | *M* |  |  |  |
| Excessive sedimentation? | *A* |  |  |  |
| **Outlet Structure** | | | | |
| Outfall channel is free of erosion,  undercutting, rip-rap displacement woody growth, etc? | *A* |  |  |  |
| **Hazards** | | | | |
| Have there been complaints from  residents? | *M* |  |  |  |
| Public hazards noted? | *M* |  |  |  |
| Maintenance accesses free of hazards and fully operational? | *M* |  |  |  |

Inspector Comments:

**Overall Condition of Facility**:  Acceptable  Unacceptable

# If any of the above Inspection Items are checked “Yes” for “Maintenance Needed,” list Maintenance actions and their completion dates below:

|  |  |
| --- | --- |
| **Maintenance Action Needed** | **Due Date** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

The next routine inspection is scheduled for approximately:

(date) **Inspected by: (signature) Inspected by: (printed)**