

Wet Pond BMP Maintenance Plan

A maintenance record will be kept on this BMP in a log in a known set location. Any deficient BMP elements noted in the inspection will be corrected, repaired or replaced immediately. These deficiencies can affect the integrity of structures, safety of the public, and the removal efficiency of the BMP.

The wet detention basin system is defined as the wet detention basin, pretreatment including forebays and the vegetated filter if one is provided.

This system (check one):

Does _____ does not _____ incorporate a vegetated filter at the outlet.

This system (check one):

Does _____ does not _____ incorporate pretreatment other than a forebay.

Important maintenance procedures:

- Immediately after the wet detention basin is established, the plants on the vegetated shelf and perimeter of the basin should be watered twice weekly if needed, until the plants become established (commonly six weeks).
- No portion of the wet detention pond should be fertilized after the first initial fertilization that is required to establish the plants on the vegetated shelf.
- Stable groundcover should be maintained in the drainage area to reduce the sediment load to the wet detention basin.
- If the basin must be drained for an emergency or to perform maintenance, the flushing of sediment through the emergency drain should be minimized to the maximum extent practical.
- Once a year, a dam safety expert should inspect the embankment.

Maintenance activities shall be performed as follows. Any problems that are found shall be repaired immediately.

Wet Pond Maintenance Tasks and Schedule	
Task	Schedule
Remove debris from side slopes and trash rack	Monthly
Check and clear orifice of any obstructions	Monthly
Outlet/inlet inspection and cleanout	Monthly
Check pond side slopes and repair eroded areas, bank mowing	Monthly
Forebay inspection and cleanout	Monthly-remove sediment every 7 years or when sediment volume exceeds 50% of storage volume
Volume measurement	Annually-dredging needed every 20 years or when 25% of permanent pool volume has been lost

Inspect/Exercise all mechanical devices	Annually
Inspect for structural damage/leaks	Annually
Replace broken pipes	As needed
Replace riprap that has been choked with sediment	As needed
Pest control	As needed
Security	As needed