

Dry Detention Basin/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 dry extended detention basin system is defined as the dry detention basin, outlet structure, 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:

- The drainage area will be managed to reduce the sediment load to the dry extended detention basin.
- Immediately after the dry extended detention basin is established, the vegetation will be watered twice weekly if needed until the plants become established (commonly six weeks).
- No portion of the dry extended detention pond will be fertilized after the first initial fertilization that is required to establish the vegetation.
- The vegetation in and around the basin will be maintained at a height of approximately six inches.
- Once a year, a dam safety expert will inspect the embankment.

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

Dry Detention Basin/Pond Maintenance Tasks and Schedule	
Task	Schedule
Remove debris and trash from trash rack and side slopes	Monthly
Outlet/inlet inspection and cleanout	Monthly
Bank mowing and inspection/stabilization of eroded areas	Monthly
Forebay inspection and cleanout	Monthly-remove sediment every 7 years or when sediment volume exceeds 50% of storage volume
Check pond depth	Annually-remove sediment as needed
Remove woody vegetation along embankment	Annually
Inspect for structural damage	Annually
Inspect, exercise all mechanical devices	Annually
Repair broken pipes	As needed

Replace riprap that has been choked with sediment	As needed
Security	As needed