

## Wet Detention Basin Maintenance Tasks and Schedule

TASK	SCHEDULE
Forebay observation and cleanout	Monthly
Bank mowing and observation / stabilization of eroded areas	Monthly
Outlet / inlet observation and cleanout	Monthly
Unwanted vegetation and trash removal	Monthly
Visual observation of water quality	Monthly
Overall facility observation	Within 24 hours after every storm event greater than 1.0 inch
Inspect / exercise all mechanical devices, valves, etc	Yearly
Inspect for structural damage, leaks, etc	Yearly
Inspect the embankment	Yearly
Forebay inspection and cleanout	Yearly – Remove sediment every 7 years or whenever the sediment volume exceeds 50% of storage volume
Volume measurement	Yearly – Dredging needed every 20 years or when 25% of permanent pool volume has been lost
Rodent management	As needed
Security	As needed

### 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.