

Bioretention 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.

Important operation and maintenance procedures:

- Immediately after the bioretention cell is established, the plants will be watered twice weekly if needed until the plants become established (commonly six weeks).
- Snow, mulch or any other material will NEVER be piled on the surface of the bioretention cell.
- Heavy equipment will NEVER be driven over the bioretention cell.
- Special care will be taken to prevent sediment from entering the bioretention cell.
- Once a year, a soil test of the soil media will be conducted.

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

Bioretention Maintenance Tasks and Schedule	
Task	Schedule
Remove trash and debris	Monthly
Check and repair any eroded areas	Monthly
Remulch any void areas	Monthly
Check vegetation and replace any damaged plant materials	Monthly
Inspect for ponding, washed out areas, soil conditions	Monthly
Perimeter mowing	Monthly
Inspect collection system for proper functioning	Quarterly
Reseed grass swale or border	Annually
Apply new mulch	Annually
Pruning	Annually
Perform soil test and replace soil if needed	Annually
Repair broken pipes	As needed
Replace rip rap that is choked with sediment	As needed
Remove sediment	As needed
Replace mulch	Every three years