

Bioretention Operation and Maintenance Checklist

Island Wharf Stormwater Improvements Project

Marion, MA

May 13, 2005

Activity	Yes/No	Frequency (1x/mo.;1x/yr.)	Completed (Y/N)
General Inspection	X	Bi-Annually and (4x for 1 st year) and after major storm events	
Sediment Removal	X	When sediment buildup is > 3"	
Structure Maintenance	X	Repair any soil gullyng and revegetate as necessary	
Mowing/Debris Removal	X	1x/yr (or when needed)	
Landscape Maintenance*	X	Replenish mulch layer 1x every 2 years to original design depth	
Landscape Maintenance	X	Confirmation of plant materials by landscape professional Replace dead or dying vegetation as necessary	
Landscape Maintenance	X	Prune for sight visibility as necessary. Separation of herbaceous vegetation root stock will occur when over-crowding access (1x/3yrs)	
Infiltration Capacity Maintenance	X	If standing water is observed 48-hrs after a storm event, then the bottom 6" shall be roto-tilled to brake up hard packed soil and then revegetated	

* Mulch layer will be removed and disposed of properly, or roto-tilled into the soil surface.