

Inspection and Maintenance Requirements for Filter Strips



Maintenance Checklist

Maintenance Component	Defect	Conditions When Maintenance is Needed	Results Expected When Maintenance Is Performed	Satisfactory	Unsatisfactory	Comments
General	Sediment accumulation on grass	<ul style="list-style-type: none"> Sediment depth exceeds 2 inches. 	<ul style="list-style-type: none"> Remove sediment deposits. Re-level so slope is even and flows pass evenly through strip. 			
	Excessive vegetation	<ul style="list-style-type: none"> When grass becomes excessively tall (greater than 10 inches) When nuisance weeds and other vegetation starts to take over. 	<ul style="list-style-type: none"> Mow grass to a height of 3-4 inches. Control nuisance vegetation. 			
	Trash and debris	<ul style="list-style-type: none"> Trash and debris accumulated on filter strip 	<ul style="list-style-type: none"> Remove trash and debris from filter strip. 			
	Erosion/scouring	<ul style="list-style-type: none"> Eroded or scoured areas due to flow channelization, or higher flows. 	<ul style="list-style-type: none"> For ruts or bare areas < 12 inches wide, repair the damaged area by filling with crushed gravel. The grass will creep in over the rock in time. If bare areas are large (> 12 inches wide), the filter strip should be re-graded and re-seeded. For smaller bare areas, overseed when bare spots are evident. 			
	Uneven or clogged flow spreader	<ul style="list-style-type: none"> Flow spreader uneven or clogged so that flows are not uniformly distributed through entire filter width. 	<ul style="list-style-type: none"> Level the spreader and clean so that flows are spread evenly over entire filter width. 			