

Media Filter Drain (Ecology Embankment)

Date Inspected _____

Drainage System Feature	Potential Defect	Conditions When Maintenance Is Needed	Results Expected When Maintenance Is Performed Or Not Needed	<input checked="" type="checkbox"/>
General	Sediment Accumulation On Grass Filter Strip	Sediment depth exceeds two inches or creates uneven grading that interferes with sheet flow.	Remove sediment deposits on grass treatment area of the embankment. When finished, embankment should be level from side to side and drain freely toward the toe of the embankment slope. There should be no areas of standing water once inflow has ceased.	<input type="checkbox"/>
	No-Vegetation Zone/Flow Spreader	Flow spreader is uneven or clogged so that flows are not uniformly distributed over entire embankment width.	Level the spreader and clean so that flows are spread evenly over entire embankment width.	<input type="checkbox"/>
	Poor Vegetation Coverage	Grass is sparse or bare, or eroded patches are observed in more than 10% of the grass strip surface area.	Consult with roadside vegetation specialists to determine why grass growth is poor and correct the offending condition. Replant with plugs of grass from the upper slope or reseed into loosened, fertile soil or compost.	<input type="checkbox"/>
	Vegetation	Grass becomes excessively tall (greater than 10 inches); nuisance weeds and other vegetation start to take over.	Mow vegetation or remove nuisance vegetation so that flow is not impeded. Grass should be mowed to a height of six inches.	<input type="checkbox"/>
	Media Filter Drain Mix Replacement	Water is seen on the surface of the media filter drain mix from storms that are less than a six-month, 24-hour precipitation event. Maintenance also needed on a 10-year cycle and during a preservation project.	Excavate and replace all of the media filter drain mix contained within the media filter drain.	<input type="checkbox"/>
	Excessive Shading	Grass growth is poor because sunlight does not reach embankment.	If possible, trim back overhanging limbs and remove brushy vegetation on adjacent slopes.	<input type="checkbox"/>
	Trash and Debris	Trash and debris have accumulated on embankment.	Remove trash and debris from embankment.	<input type="checkbox"/>