

Inspection and Maintenance Requirements for Debris Barriers (e.g., Trash Racks)



Maintenance Checklist

Maintenance Component	Defect	Conditions When Maintenance is Needed	Results Expected When Maintenance Is Performed	Satisfactory	Unsatisfactory	Comments
General	Trash & debris	<ul style="list-style-type: none"> Trash or debris that is plugging more than 20% of the openings in the barrier 	<ul style="list-style-type: none"> Barrier cleared to design flow capacity. 			
Metal bars/ barrier	Damaged/ missing bars	<ul style="list-style-type: none"> Bars are bent out of shape more than 3 inches. Bars are missing or entire barrier missing. Bars are loose and rust is causing 50% deterioration to any part of barrier. 	<ul style="list-style-type: none"> Bars in place with no bends more than 3/4 inch. Bars in place according to design. Barrier replaced or repaired to design standards. 			
	Damaged/ missing debris barrier	<ul style="list-style-type: none"> Debris barrier missing or not attached to pipe 	<ul style="list-style-type: none"> Barrier firmly attached to pipe 			