

Sediment Trap

Date Inspected _____

Drainage System Feature	Potential Defect	Maintenance Trigger	Results Expected When Maintenance Is Performed Or Not Needed	<input checked="" type="checkbox"/>
General	Trash and Debris	Trash or debris, which is located immediately in front of the sediment trap opening or is blocking inletting capacity of the basin by more than 10%.	No trash or debris located immediately in front of sediment trap or on grate opening.	<input type="checkbox"/>
		Trash or debris (in the basin) that exceeds 60% of the sump depth as measured from the bottom of basin to invert of the lowest pipe into or out of the basin, but in no case less than a minimum of six inches clearance from the debris surface to the debris surface to the invert of the lowest pipe.	No trash or debris in the sediment trap.	<input type="checkbox"/>
		Trash or debris in any inlet or outlet pipe blocking more than 1/3 of its height.	Inlet and outlet pipes free of trash or debris.	<input type="checkbox"/>
		Dead animals or vegetation that could generate odors that could cause complaints or dangerous gases (e.g., methane).	No dead animals or vegetation present within the sediment trap.	<input type="checkbox"/>
	Sediment	Sediment (in the basin) that exceeds 60% of the sump depth as measured from the bottom of basin to invert of the lowest pipe into or out of the basin, but in no case less than a minimum of six inches clearance from the sediment surface to the invert.	No sediment in the sediment trap.	<input type="checkbox"/>
	Structure Damage to Frame and/or Top Slab	Slab has holes larger than two square inches or cracks wider than 1/4 inch. (Intent is to make sure no material is running into basin.)	Structure is free of holes and cracks.	<input type="checkbox"/>
	Fractures or Cracks in Basin Walls/ Bottom	Maintenance person judges that structure is unsound.	Sediment trap replaced or repaired to design standards.	<input type="checkbox"/>
		Grout fillet has separated or cracked wider than 1/2 inch and longer than one foot at the joint of any inlet/outlet pipe or any evidence of soil particles entering catch basin through cracks.	Pipe is regouted and secure at basin wall.	<input type="checkbox"/>
	Settlement/ Misalignment	If failure of basin has created a safety, function, or design problem.	Sediment trap replaced or repaired to design standards.	<input type="checkbox"/>
	Vegetation	Vegetation growing across and blocking more than 10% of the basin opening.	No vegetation blocking opening to sediment trap.	<input type="checkbox"/>
Contaminants and Pollution	Any evidence of oil, gasoline, contaminants or other pollutants. (Coordinate removal/cleanup with local water quality response agency.)	No contaminants or pollutants present.	<input type="checkbox"/>	

Drainage System Feature	Potential Defect	Maintenance Trigger	Results Expected When Maintenance Is Performed Or Not Needed	<input checked="" type="checkbox"/>
Debris Barrier	Trash and Debris	Trash and debris that is blocking more than 20% of grate surface inletting capacity.	Grate free of trash and debris.	<input type="checkbox"/>
	Damaged or Missing	Grate missing or broken member(s) of the grate.	Grate is in place and meets design standards.	<input type="checkbox"/>