

# Facility Discharge Point

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"/>
Monitoring	Inspection of Discharge Water for Obvious Signs of Poor Water Quality	Sheen, obvious oil or other contaminants present. <ul style="list-style-type: none"> <li>Identify and remove source, AND</li> <li>Report to Clark County Clean Water Program Illicit Discharge and Detection Elimination Program.</li> </ul>	Effluent discharge from facility should be clear.	<input type="checkbox"/>
	Receiving Area Saturated	Water in receiving area is causing substrate to become saturated and unstable. <ul style="list-style-type: none"> <li>Report to Clark County Clean Water Program for Engineer Evaluation.</li> </ul>	Receiving area sound.	<input type="checkbox"/>
	Off Site Assessment	Erosion, scouring, or headcuts in ditch or stream banks due to flow channelization, or higher flows. <ul style="list-style-type: none"> <li>Report to Clark County Clean Water Program for Engineer Evaluation.</li> </ul>	Ditch or stream banks stable.	<input type="checkbox"/>
General	Missing or Moved Rock	Only one layer of rock exists above native soil in area five square feet or larger, or any exposure of native soil.	Rock pad replaced to design standards.	<input type="checkbox"/>
	Erosion	Soil erosion in or adjacent to rock pad.	Rock pad replaced to design standards.	<input type="checkbox"/>
	Obstructions, Including Roots	Roots or debris enters pipe or deforms pipe, reducing flow.	Use mechanical methods to remove root. Do not put root-dissolving chemicals in storm sewer pipes. If necessary, remove the vegetation over the line.	<input type="checkbox"/>
	Pipe Rusted or Deteriorated	Any part of the pipe that is broken, crushed or deformed more than 20% or any other failure to the piping.	Pipe repaired or replaced.	<input type="checkbox"/>
<b>Internal:</b>				
Manhole/ Chamber	Worn or Damaged Post, Baffles, Side of Chamber	Structure dissipating flow deteriorates to 1/2 of original size or any concentrated worn spot exceeding one square foot, which would make structure unsound.	Structure replaced to design standards.	<input type="checkbox"/>
General	Trash and Debris	Trash or debris which is located immediately in front of the catch basin opening or is blocking inletting capacity of the basin by more than 10%.	No trash or debris located immediately in front of catch basin 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 invert of the lowest pipe.	No trash or debris in the catch basin.	<input type="checkbox"/>

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General	Trash and Debris	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 catch basin.	<input type="checkbox"/>
	Sediment	Sediment (in the basin) that exceeds 60 percent 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 6 inches clearance from the sediment surface to the invert of the lowest pipe.	No sediment in the catch basin.	<input type="checkbox"/>
	Structure Damage to Frame and/or Top Slab	Top slab has holes larger than 2 square inches or cracks wider than 1/4 inch (Intent is to make sure no material is running into basin).	Top slab is free of holes and cracks.	<input type="checkbox"/>
		Frame not sitting flush on top slab, i.e., separation of more than 3/4 inch of the frame from the top slab. Frame not securely attached.	Frame is sitting flush on the riser rings or top slab and firmly attached.	<input type="checkbox"/>
	Fractures or Cracks in Basin Walls/ Bottom	Maintenance person judges that structure is unsound.	Basin 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.	Basin 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 basin.	<input type="checkbox"/>
		Vegetation growing in inlet/outlet pipe joints that is more than six inches tall and less than six inches apart.	No vegetation or root growth present.	<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"/>	
Catch Basin Cover	Cover Not in Place	Cover is missing or only partially in place. Any open catch basin requires maintenance.	Catch basin cover is closed.	<input type="checkbox"/>
	Locking Mechanism Not Working	Mechanism cannot be opened by one maintenance person with proper tools. Bolts into frame have less than 1/2 inch of thread.	Mechanism opens with proper tools.	<input type="checkbox"/>

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Catch Basin Cover	Cover Difficult to Remove	One maintenance person cannot remove lid after applying normal lifting pressure (Intent is to keep cover from sealing off access to maintenance).	Cover can be removed by one maintenance person.	<input type="checkbox"/>
Ladder	Ladder Rungs Unsafe	Ladder is unsafe due to missing rungs, not securely attached to basin wall, misalignment, rust, cracks, or sharp edges.	Ladder meets design standards and allows maintenance person safe access.	<input type="checkbox"/>
Metal Grates (If Applicable)	Grate opening Unsafe	Grate with opening wider than 7/8 inch.	Grate opening meets design standards.	<input type="checkbox"/>
	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"/>