

Table 8: Underground Injection Controls (UICs)

UICs should collect and facilitate stormwater infiltration into the subsurface.

Maintenance Component	Defect or Problem	Condition When Maintenance is Needed	Recommended Maintenance to Correct Problem
General	Follow applicable Guidance from Table 1 AND applicable guidance from this table.		
Components	Sediment Accumulation	<p>Sediment exceeds (or could exceed) the capacity of the pretreatment sump.</p> <p>Sediment inhibits infiltration.</p>	<p>Remove sediment from pretreatment component, i.e. sediment manhole.</p> <p>Annual cleaning is recommended.</p> <p>The use of a Vactor® truck is allowed unless prohibited in the facility's O&M manual.</p> <p>Sediment may contain oil and other pollutants, especially in areas with high ADT. Refer to the Management of Highway Maintenance Generated Materials (aka Materials Management Chart) in ODOT's Routine Road Maintenance Water Quality and Habitat Guide for the disposal of contaminated sediment.</p> <p><i>Note:</i> Pollutant concentrations may increase if sediment is not routinely removed.</p>
	Shut off valve	Valve is stuck, broken or corroded.	<p>Inspect and test shut off valve annually.</p> <p>Clean and lubricate shut off valves as needed.</p> <p>Replace damaged or worn parts as needed.</p>
	Damaged or missing components	A component looks like it may be damaged or missing pieces.	<p>Refer to the O&M Manual to identify components of the facility.</p> <p>Repair or replace parts, orifices, and pipes as necessary with similar components.</p> <p>Contact the Region Hydraulic Engineer if it is not clear what components may be damaged or if replacement parts cannot be located.</p> <p>Divert flows when needed.</p>
	Obstruction or Blockage	Water does not flow in or infiltrate through the structure or pipe.	<p>Remove obstructions to restore flow (e.g. remove trash, debris, sediment, or vegetation as necessary).</p> <p>Refer to the O&M manual for location of components if the obstruction cannot be located.</p>

			<p>Jet rodders may be used to clean piping unless specifically prohibited in the O&M Manual.</p> <p>Contact Region Hydraulic Engineer if the blockage cannot be located/removed.</p>
	<p>Structure or access is hidden</p>	<p>Site conditions conceal the location of the facility.</p>	<p>Mark facilities that may become hidden.</p>