

Public Inspection and Maintenance Checklist Sand Filters (Below Ground/Enclosed)

Date: _____ Work Order # _____

Type of Inspection: Storm Weekly Monthly Annual

Facility: _____ Inspector(s): _____

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2) [†]	Comments
General			
Sediment Accumulation on Sand Media Section*	Sediment depth exceeds 1/2-inch.		
Sediment Accumulation in Pre-Settling Portion of Vault*	Sediment accumulation in vault bottom exceeds the depth of the sediment zone plus 6-inches.		
Trash/Debris Accumulation*	Trash and debris accumulated in vault, or pipe inlet/outlet, floatables and non-floatables.		
Sediment in Drain Pipes/Cleanouts*	When drain pipes, cleanouts become full with sediment and/or debris.		
Short Circuiting	When seepage/flow occurs along the vault walls and corners. Sand eroding near inflow area.		
Damaged Pipes	Inlet or outlet piping damaged or broken and in need of repair.		
Access Cover Damaged/Not Working	Cover cannot be opened, corrosion/deformation of cover. Maintenance person cannot remove cover using normal lifting pressure.		
Ventilation	Ventilation area blocked or plugged		
Vault Structure Damaged; Includes Cracks in Walls, Bottom, Damage to Frame and/or Top Slab	Cracks wider than 1/2-inch or evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determine that the vault is not structurally sound.		
	Cracks wider than 1/2-inch at the joint of any inlet/outlet pipe or evidence of soil particles entering through the cracks.		

[†] Maintenance: Enter 1 if maintenance is need and include WO#. Enter 2 if maintenance was performed same day.

*Indicates parameters that are tracked in Maximo.

Defect	Conditions When Maintenance Is Needed	Maintenance (1 or 2) [†]	Comments
Baffles/Internal walls	Baffles or walls corroding, cracking, warping and/or showing signs of failure as determined by maintenance/inspection person.		
Access Ladder Damaged	Ladder is corroded or deteriorated, not functioning properly, not securely attached to structure wall, missing rungs, cracks, and misaligned.		

[†] Maintenance: Enter 1 if maintenance is need and include WO#. Enter 2 if maintenance was performed same day.
 *Indicates parameters that are tracked in Maximo.