

Sand Filter Vault Inspection Checklist



Date: _____ Site Address: _____

Asset Description/location: _____ Inspector(s): _____

Maintenance Component	Condition When Maintenance Is Needed	Maintenance Standard	Meets Standard? NO or YES or N/A (*NO* response = maintenance is needed)	Notes or Maintenance Needed
Site	Overgrown grass/groundcover and/or noxious weeds present	Less than 18" height and no noxious weeds		
	Debris/trash accumulation	No debris or trash		
Access <i>(may be multiple)</i>	Blocked access and/or opening	Less than 10% blocked		
	Lid/grate/frame missing, damaged, or stuck; and/or locking mechanism missing or not working	No defects and locks properly		
	Ladder rungs missing or unsafe	Safe and sound		
Vault Structure	Frame to top slab gap	Less than ¼ inch gap		
	Cracks/holes in walls, bottom, or top slab	Cracks less than ½ inch wide/holes less than 2 sq-inches		
	Baffles damaged (corroded, cracked, warped) or other signs of failure	No damage or failure		
	Sediment accumulation in pre-settling area	Less than 6 inches		
	Sediment accumulation on sand	Less than ½ inch deep		
	Ventilation	Not blocked or plugged		
	Bypass (short circuit) condition present (e.g., seepage/flow occurs along vault walls and corners. Sand eroding near inflow area)	No bypass condition present		
Inlet/Outlet Pipes	Blocked or damaged	No blocking or damage		
	Sediment or debris accumulation in pipe	No debris or sediment buildup		
IDDE Screening	Illicit discharge and/or connection evident (pollution)	No illicit discharge or connection		
Other	Other defects <i>(insert notes/comments)</i>			

Comments: _____