

Inspection and Maintenance Requirements for Wetvaults



Maintenance Checklist

Maintenance Component	Defect	Conditions When Maintenance is Needed	Results Expected When Maintenance Is Performed	Satisfactory	Unsatisfactory	Comments
General	Trash/debris accumulation	<ul style="list-style-type: none"> Trash and debris accumulated in vault, pipe or inlet/outlet (includes floatables and non-floatables). 	<ul style="list-style-type: none"> Remove trash and debris from vault. 			
	Sediment accumulation	<ul style="list-style-type: none"> Sediment accumulation in vault bottom exceeds the depth of the sediment zone plus 6 inches. 	<ul style="list-style-type: none"> Remove sediment from vault. 			
	Damaged pipes	<ul style="list-style-type: none"> Inlet/outlet piping damaged or broken and in need of repair. 	<ul style="list-style-type: none"> Pipe repaired and/or replaced. 			
	Access cover damaged/ not working	<ul style="list-style-type: none"> Cover cannot be opened or removed, especially by one person. 	<ul style="list-style-type: none"> Pipe repaired or replaced to proper working specifications. 			
	Blocked/ plugged ventilation	<ul style="list-style-type: none"> Ventilation area blocked or plugged. 	<ul style="list-style-type: none"> Blocking material removed or cleared from ventilation area. A specified % of the vault surface area must provide ventilation to the vault interior (see design specifications). 			

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General (cont.)	Cracks in wall, bottom, damage to frame and/or top slab of vault structure	<ul style="list-style-type: none"> Cracks wider than 1/2-inch and any evidence of soil particles entering the structure through the cracks, or maintenance/inspection personnel determines that the vault is not structurally sound. Cracks wider than 1/2-inch at the joint of any inlet/outlet pipe or any evidence of soil particles entering the vault through the walls. 	<ul style="list-style-type: none"> Vault replaced or repaired to design specifications and is structurally sound. No cracks more than 1/4-inch wide at the joint of the inlet/outlet pipe. 			
	Baffles damaged	<ul style="list-style-type: none"> Baffles corroding, cracking, warping and/or showing signs of failure as determined by maintenance/inspection staff. 	<ul style="list-style-type: none"> Baffles repaired or replaced to specifications. 			
	Access ladder/ warning sign damaged	<ul style="list-style-type: none"> Ladder is corroded or deteriorated, not functioning properly, not attached to structure wall, missing rungs, has cracks and/or misaligned. Confined space warning sign missing. 	<ul style="list-style-type: none"> Ladder replaced or repaired to specifications, and is safe to use as determined by inspection personnel. Replace sign warning of confined space entry requirements. Ladder and entry notification complies with OSHA standards. 			