

# Inspection and Maintenance Requirements for Drywells



## 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"> <li>Trash and debris accumulated in vault, pipe or inlet/outlet (includes floatables and non-floatables).</li> </ul>	<ul style="list-style-type: none"> <li>Remove trash and debris from vault.</li> </ul>			
	Sediment accumulation	<ul style="list-style-type: none"> <li>Sediment accumulation in vault bottom exceeds the depth of the sediment zone plus 6 inches.</li> </ul>	<ul style="list-style-type: none"> <li>Remove sediment from vault.</li> </ul>			
	Damaged pipes	<ul style="list-style-type: none"> <li>Inlet/outlet piping damaged or broken and in need of repair.</li> </ul>	<ul style="list-style-type: none"> <li>Pipe repaired and/or replaced.</li> </ul>			
	Access cover damaged/ not working	<ul style="list-style-type: none"> <li>Cover cannot be opened or removed, especially by one person.</li> </ul>	<ul style="list-style-type: none"> <li>Pipe repaired or replaced to proper working specifications.</li> </ul>			
	Blocked/ plugged ventilation	<ul style="list-style-type: none"> <li>Ventilation area blocked or plugged.</li> </ul>	<ul style="list-style-type: none"> <li>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).</li> </ul>			
	Blocked/ plugged drain holes	<ul style="list-style-type: none"> <li>Draining is inhibited.</li> </ul>	<ul style="list-style-type: none"> <li>Jetting of holes facilitates drainage</li> </ul>			

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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"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Vault replaced or repaired to design specifications and is structurally sound.</li> <li>No cracks more than 1/4-inch wide at the joint of the inlet/outlet pipe.</li> </ul>			
	Baffles damaged	<ul style="list-style-type: none"> <li>Baffles corroding, cracking, warping and/or showing signs of failure as determined by maintenance/inspection staff.</li> </ul>	<ul style="list-style-type: none"> <li>Baffles repaired or replaced to specifications.</li> </ul>			
	Access ladder/ warning sign damaged	<ul style="list-style-type: none"> <li>Ladder is corroded or deteriorated, not functioning properly, not attached to structure wall, missing rungs, has cracks and/or misaligned.</li> <li>Confined space warning sign missing.</li> </ul>	<ul style="list-style-type: none"> <li>Ladder replaced or repaired to specifications, and is safe to use as determined by inspection personnel.</li> <li>Replace sign warning of confined space entry requirements.</li> <li>Ladder and entry notification complies with OSHA standards.</li> </ul>			