

VULNERABILITY ASSESSMENT

The purpose of the vulnerability assessment is to evaluate the reliability of your water system and the factors contributing to risks to the source, supply, treatment and distribution systems. The vulnerability assessment is intended to identify the most critical vulnerabilities. It is important to assess a wide range of threats and potential impacts. Start by developing a list of potential weaknesses or threats to your water system and summarize the hazards and impacts to the system if there is a critical failure or shortage event. Use this table as a guide.

WATER SUPPLY VULNERABILITY	YES	NO	DESCRIPTION OF VULNERABILITY/ LIMITATION	MITIGATION PLAN TO ADDRESS VULNERABILITY
Water rights limited with no additional water reservation				
Seasonal water rights				
Susceptibility of water rights, junior rights				
Water supply - number of supplies, diversity of supply types				
Raw water storage - capacity for year over year storage				
Size of river - document minimum flow / level				
Reliance on snowpack				
Groundwater supply - size of aquifer, firm yield, well redundancy				
Other water users / demands on source / seniority				
Water loss / non-revenue water				
Experiencing high population and/or demand growth				
Climate change impacts				
History of drought or water supply shortages				
Aging infrastructure needing repair or replacement				
Single points of infrastructure failure				
Water supply contamination risk				
Susceptibility of watershed to wildfire				
Invasive species, risk and impacts				