



CAPACITY ATTRIBUTE EVALUATION FOR COMMUNITY AND NON-TRANSIENT NON-COMMUNITY PUBLIC WATER SYSTEMS

DEPARTMENT OF ENVIRONMENTAL QUALITY
 DIVISION OF MUNICIPAL FACILITIES
 SFN 62049 (11-2021)

This evaluation is based upon information obtained during the self-evaluation. The below capacity attributes and their importance were discussed with the system as part of the self-evaluation.

System Name	Person Interviewed
Prepared By	Date

	Adequate Capacity	Weak Capacity	NA
Technical Capacity			
Finished water meets applicable drinking water standards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
System has appropriately certified operators or a plan to obtain appropriately certified operators	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
System has a valid water use permit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Applicable local planning/zoning approvals are met	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
System construction approved by North Dakota Department of Environmental Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managerial Capacity			
Owner(s), manager(s), operator(s) clearly identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Records maintained (plans/specifications, O&M manual, compliance, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
O&M manual maintained (applies if treatment provided)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Financial Capacity			
System maintains separate account for water utility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
System produces and uses an annual budget	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Revenues are greater than costs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Operating ratio (OR) is greater than 1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coverage ratio (CR) is greater than 1.0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Financial audit conducted at least every 5 years	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reserve account maintained (emergencies and unexpected expenses)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
All service connections metered	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Asset Management			
System understands the current state of the system's assets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Adequate Capacity	Weak Capacity	NA
The system's "sustainable" level-of-service has been determined	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Assets critical to sustained performance have been identified	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strategies have been developed for the system's best "minimum life-cycle cost" infrastructure replacement and an operations and maintenance plan	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
There is a strategy for the system's best long-term financing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

$$OR = \frac{\text{Water revenues}}{\text{O\&M and replacement expenditures}}$$

$$CR = \frac{\text{Cash revenues} - \text{\&M and replacement expenditures}}{\text{Loan or capital lease payments} + \text{loan interest payments}}$$

Note: all OR and CR cost elements represent total annual costs.