

Town of Alpine

Water and Wastewater Capacity Fee Study

July 1, 2025

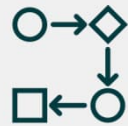




Agenda



Wyoming statutes



Capacity fees defined



Water capacity fee



Wastewater capacity fee



Capital project delivery

Who is Raftelis?

Helping local governments
and utilities **thrive**



Finance



Executive services
Strategic planning



Strategic planning/
facilitation



Communication



Organization



Technology

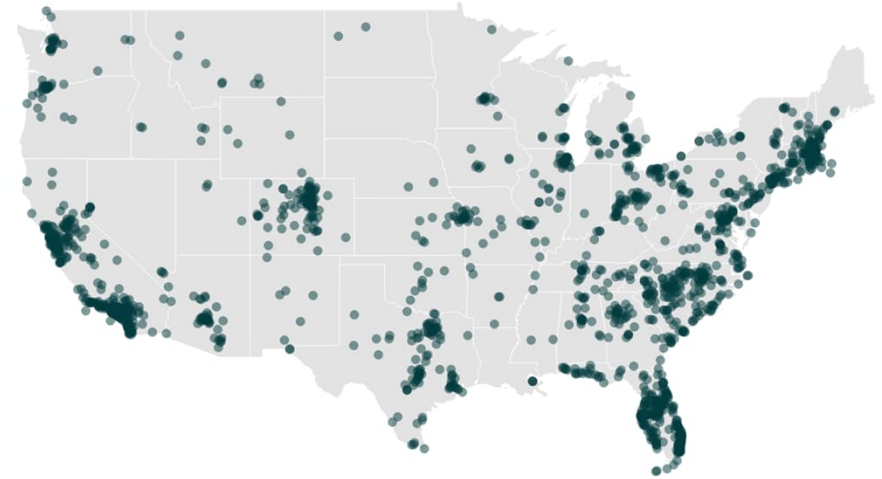


Solid waste
services



Stormwater utility
services

National Experience



With more than...

190+ consultants across
the U.S.

Raftelis has provided assistance to over

1,700+ public agencies
and utilities

Wyoming statutes

Provide guidance on capacity fees

- **Section 15-1-503(a)**
 - Confers authority to municipalities to regulate land use matters
 - *“Master plan for the physical development of the municipality”*
 - *“Plan should be made for the general purpose of guiding and accomplishing a coordinated, adjusted, and harmonious development of the municipality which will best promote the general welfare as well as efficiency and economy in the process of development”*
- **Coulter v City of Rawlins**
 - Addressed whether a WY municipality has authority for connecting water and sewer lines
 - Courts held municipalities have the implied authority to impose such exactions

Capacity fees defined

Rational nexus



- A connection be established between new development and new or expanded facilities required to accommodate development



- Identification of the cost of new or expanded facilities needed to accommodate growth



- Appropriate apportionment of the cost to new development in relation to the benefits it reasonably receives

Capacity fees defined continued



- One-time fee for capacity to serve new development
- Incremental fee for increased in capacity



- Fee based on the value of utility's capacity and the amount of capacity needed by new development



- Fee represents cost to reserve capacity in backbone facilities such as treatment plants, transmission mains, treated storage, etc.



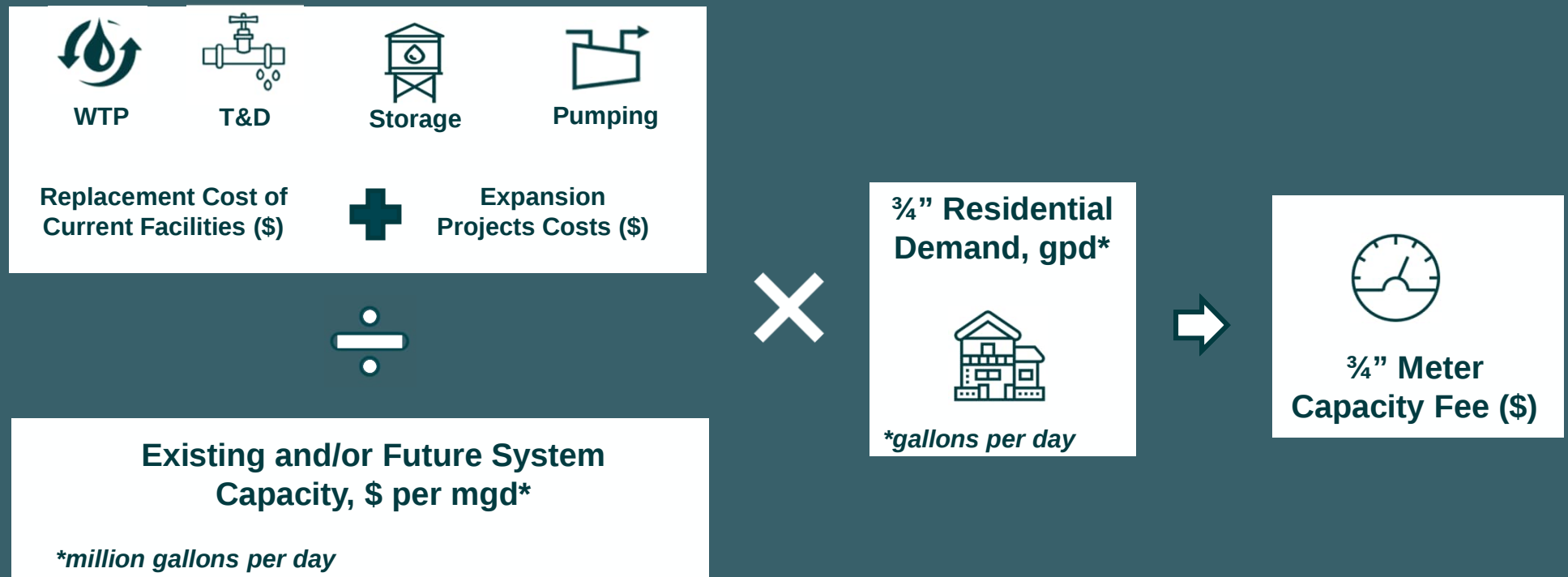
- Fee balances equity between new and existing customers

Capacity fees and connection fees

- **Connection fee**
 - Recovers the cost of the physical connection to the water and wastewater system
 - Includes mainline tap, service saddle, and other equipment
- **Capacity fee**
 - The cost of reserving capacity in a water or wastewater system that is required to meet the demands on new development
 - Provides a means of balancing equity between new and existing customers

Capacity fee methodology example

Water utility



Capacity fee assumptions and data sources



- Financial line item asset registers



- Facility costs based on current engineering bid tabulation estimates



- Water billing data
- Water and wastewater system production data



- A lot of discussions with Staff !

Calculated maximum supportable water and wastewater capacity fees

Water capacity fees

Meter Size	Meter Max Allowable Capacity	Meter Ratio	Calculated Fee
<i>Inches</i>	<i>gpm</i>		
¾"	30	1.00	\$7,925
1"	50	1.67	13,210
1 ½"	100	3.33	26,420
2" ¹	160	5.33	42,270
<i>1. Meter sizes greater than 2" assessed on an individual basis.</i>			

Wastewater capacity fee

- \$9,080 per ERU

Capital Project Delivery



Capital project delivery

Optimization and best practices



- In-depth review of current state of water and wastewater system



- Identifies uncertainty, gaps, and potential risks in meeting capital needs



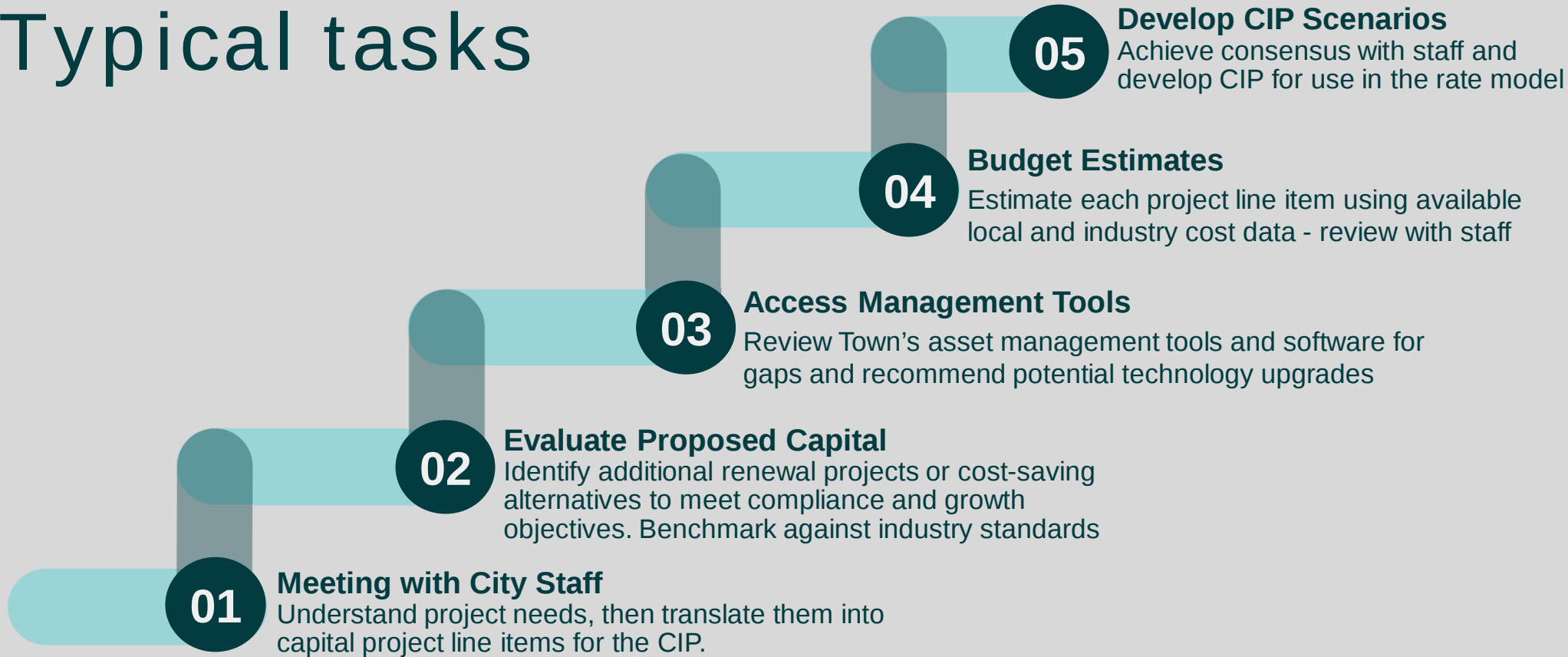
- Comprehensive review of capital and operations benchmarked compare against industry best practices



- Identifies potential efficiencies, cost-saving measures, and alignment opportunities with established utility standards

Capital project delivery

Typical tasks





Thank you!

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