



INSIGHT

## Leveraging metering data to analyze demand diversification and optimize hydraulic models

### SUMMARY

System metering data can be a great resource for water system managers and engineers to use to compare the user demand diversification and the system design criteria. This presentation will show how a GIS-based map of meter data can be used to identify areas where water demand diversification varies from the hydraulic model demand.

### KEY TOPICS

- System Demand Diversification:  
What it is and why it is important?
- Creating a GIS of Metering Data
- Using the GIS-based metering data to analyze the demand diversification and analyze for modeling changes as appropriate

### ABOUT THE SPEAKER



**Tyson Decker, PE**  
Project Manager

For the past decade, Tyson has been involved in the design and construction of several design-bid-build projects including drinking water treatment facilities, a water treatment plant expansion, a pump station expansion and a residual handling facility in southwest North Dakota.

**RECORDING DURATION:** 23 minutes

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