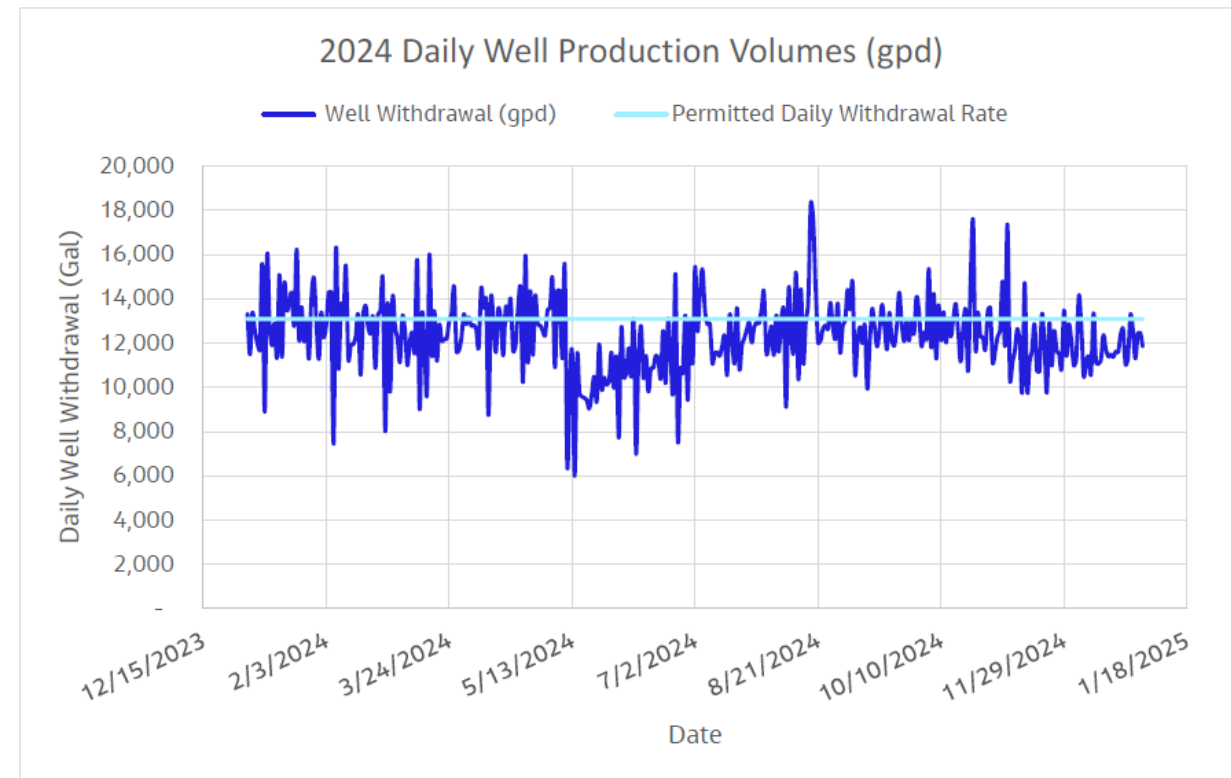


Smart Water Meters at Quabbin Sunrise Co-op

- Water System: Quabbin Sunrise Cooperative, a 65-unit resident-owned MHC in Ware, MA.
 - Chris Latino, President
 - Jeremiah Ward, TA Provider at CDI
- The problem: Leaks and breaks in older distribution system:
 - Difficult to detect, one master meter for whole system
 - Leading to over drawing from co-op's well and not enough water storage



Smart Water Meters at Quabbin Sunrise Co-op

- The solution: Install smart water meters under each of the MHC's 65 homes
 - Daily usage in homes tracked
 - Acoustic sensors and leak detection upstream of homes tracked

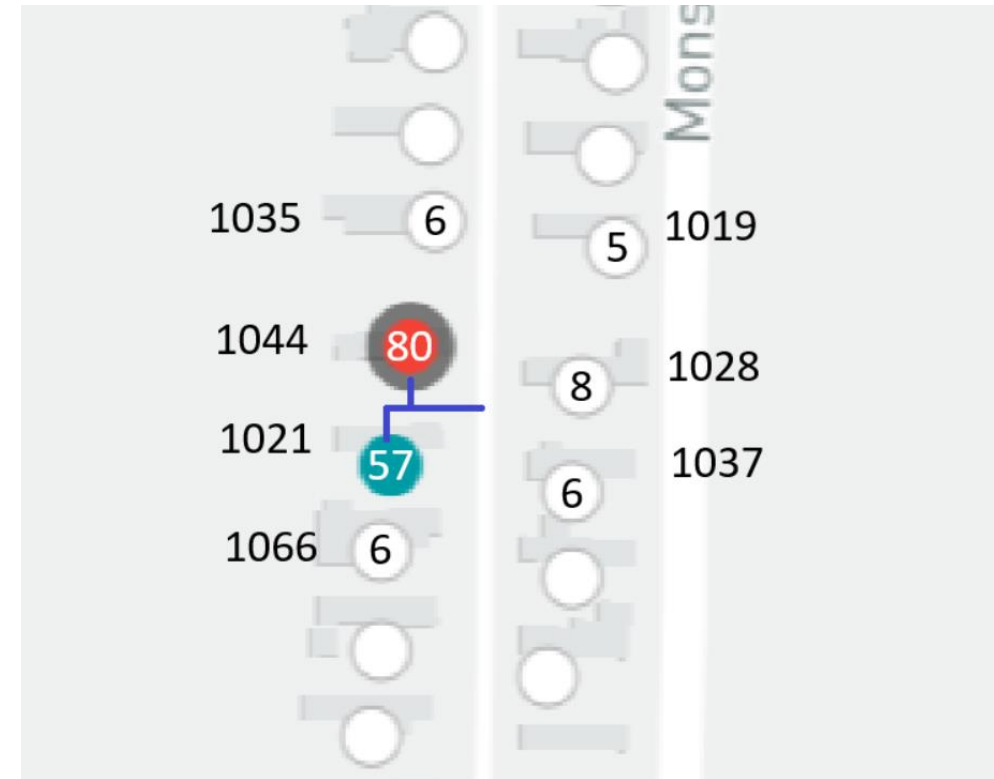


Smart Water Meters at Quabbin Sunrise Co-op

Leak Detection within Homes



Leak Detection in Distribution System



Smart Water Meters at Quabbin Sunrise Co-op

- Outcomes

- Immediate reduction of water usage by 5000 GPD!
- Informed where to carry out targeted upgrades, lead to DWSRF pre-application
- Other resident-owned MHCs are eager to install smart meters
 - There are 30 in MA housing 3,700 families

Quabbin Sunrise Cooperative, Inc.
Ware, MA 01082

