



Equity-Focused Water Efficiency Grant Program



Jen Kostrzewski

Program purpose



The Met Council created the water efficiency grant program in 2015 to help growing communities **reduce water consumption** and **future infrastructure costs**.

Cities and townships served by a municipal water supply system can receive grants between \$5,000 and \$50,000 to reduce costs for residents, commercial properties, and government facilities that purchase and install replacement water-efficient products.

This next cycle will set aside **\$1.1M** for the traditional program and **\$400K** to support an equity-based water efficiency program. **41** communities are participating in the traditional program.

Results

Total Water Efficiency Grant outcomes through Dec. 31, 2023



2,965

clothes washers replaced



6,137

toilets replaced



4,757

irrigation controllers replaced



723

irrigation spray sprinkler bodies replaced



174

irrigation audits



750

residential dishwashers replaced



\$1.75 million

total rebates



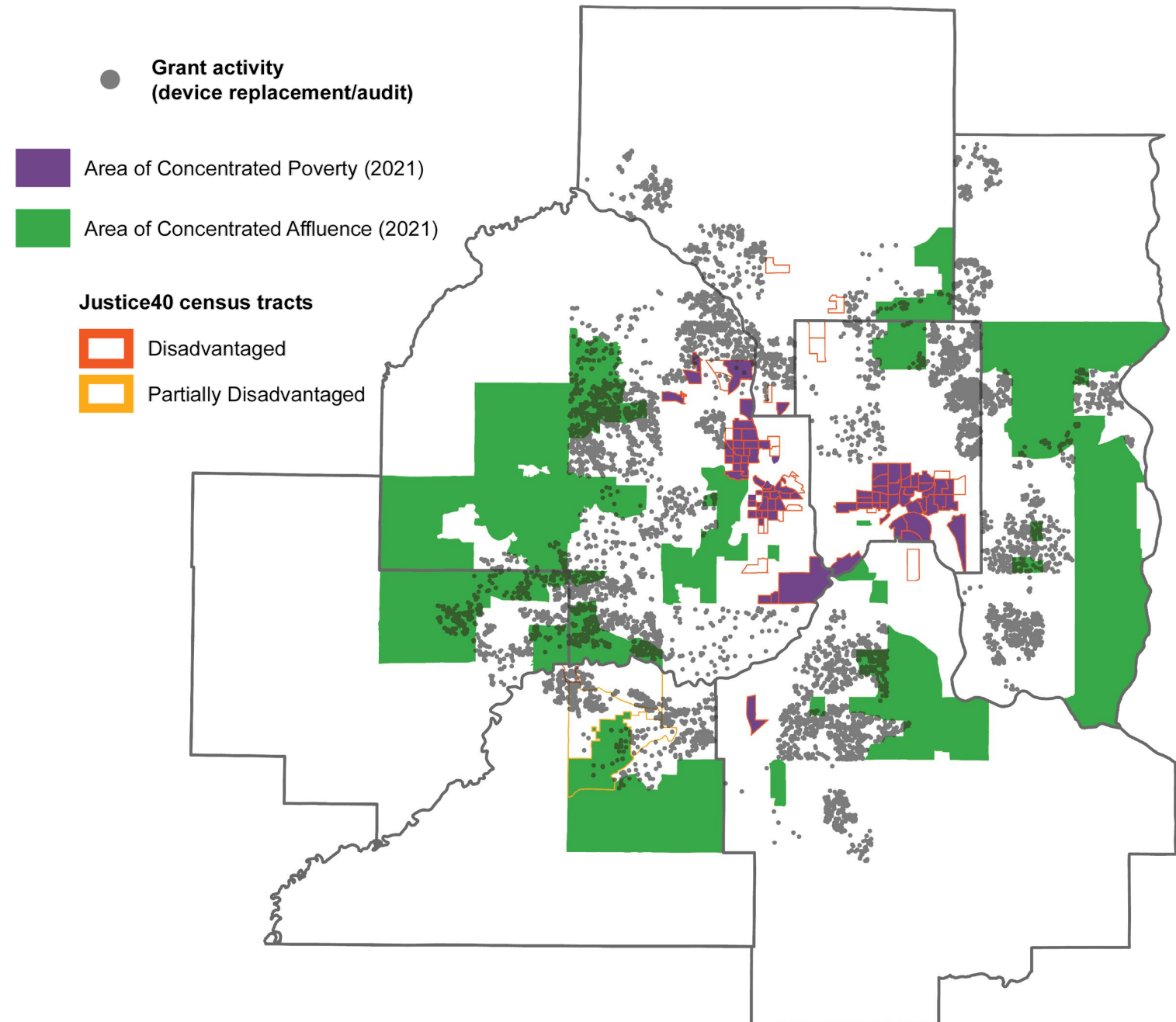
207,800,000

estimated annual gallons saved

Exploratory Spatial Analysis of Recipients

Program participation is high in suburban communities

- Program originally targeted communities on groundwater-sourced public water supply.
- People who have the resources (time, money, etc.) can connect with program.
- Not many participants in areas of concentrated poverty.



Two-Part Pilot Project with SPRWS

Toilet Efficiency Program

- \$100,000 in funding
- No-cost toilet replacement in apartment buildings in Areas of Concentrated Poverty (ACPs) where renters pay water bill

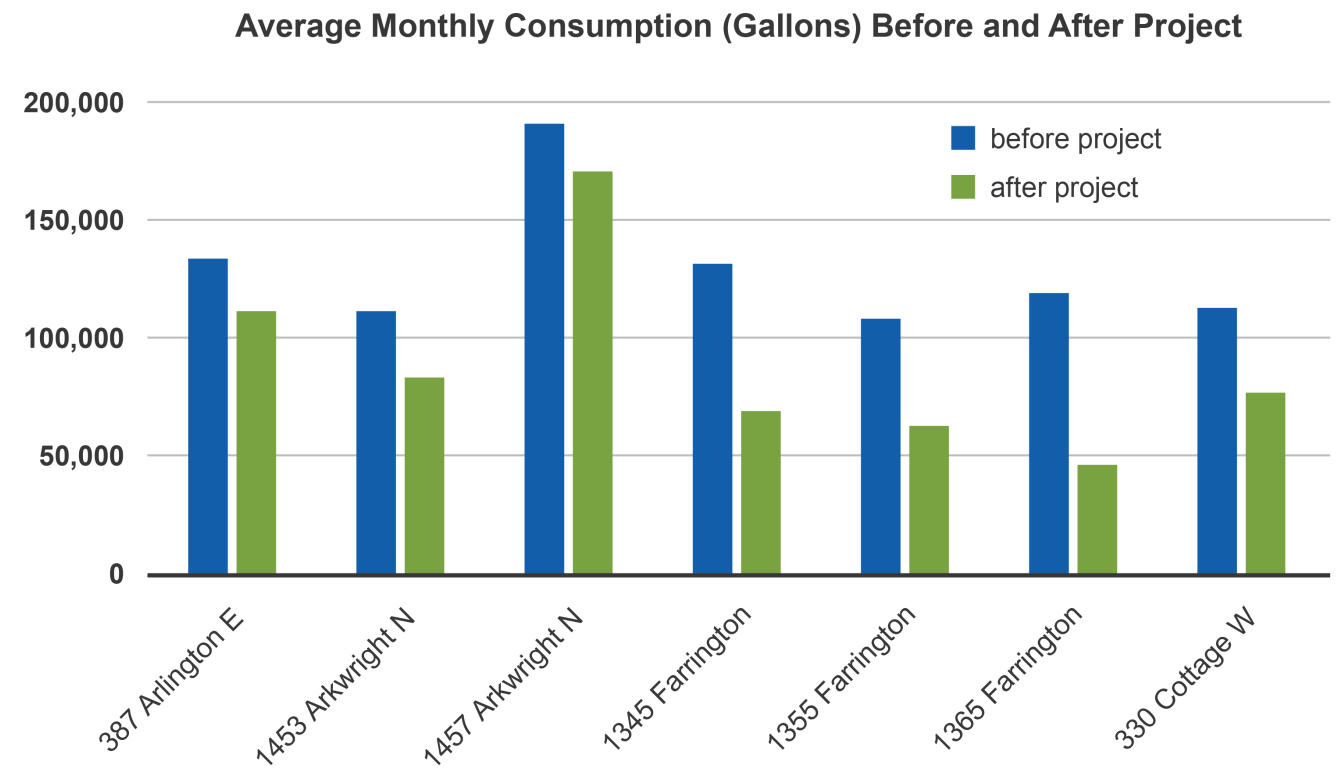
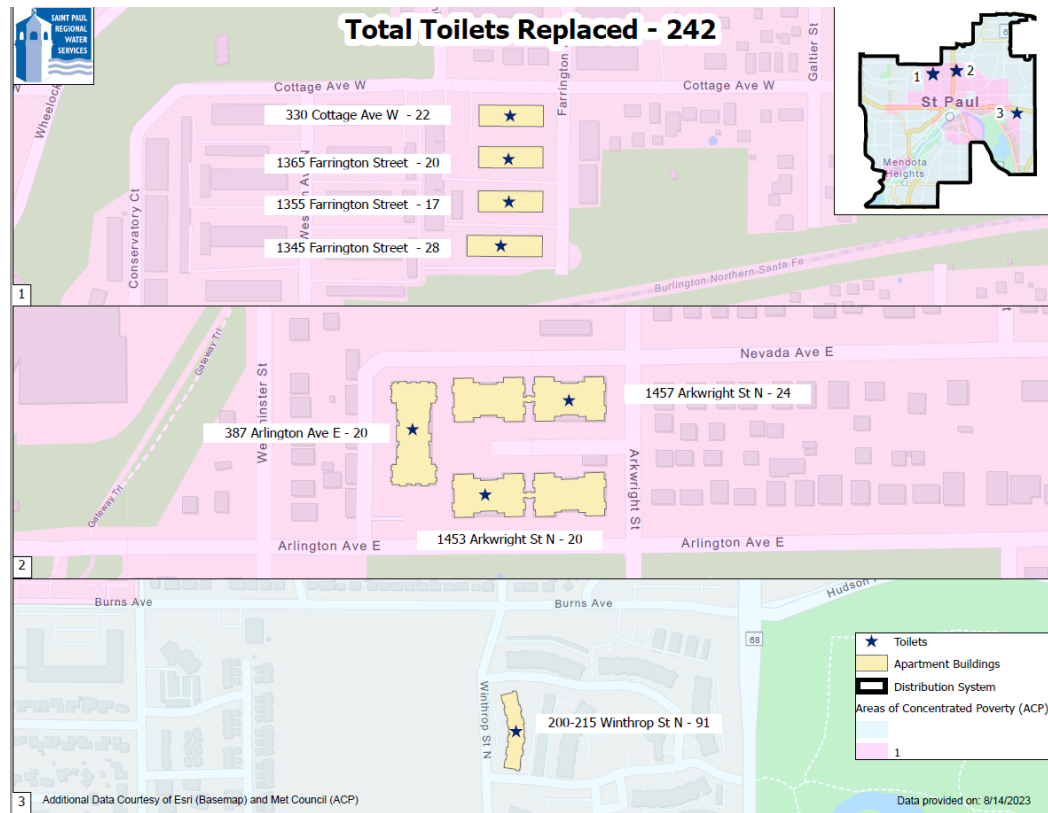
Leak Audit Program

- \$150,000 in funding
- Purchase and installation of Advanced Metering Infrastructure (AMI) collectors in Areas of Concentrated Poverty to detect leak issues much faster

Two-Part Pilot Project with SPRWS

Toilet Replacements

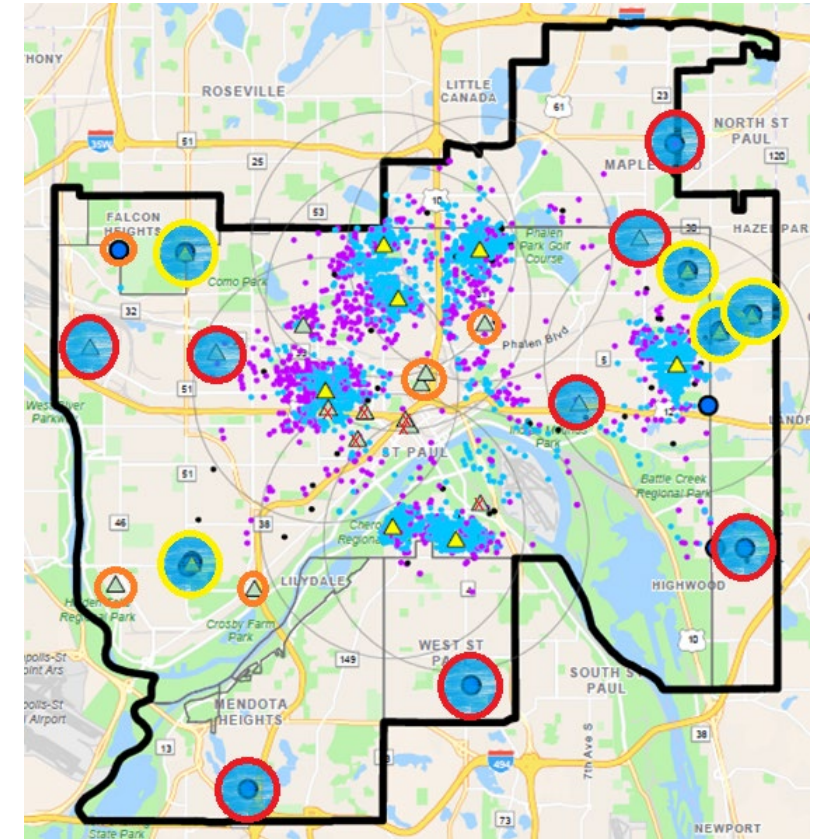
- 242 toilets replaced (\$413/toilet = parts + labor)
- Estimated savings of 3.4 million gallons/year
- 40 gallons/day/toilet replaced
- Estimated savings: \$7/unit/month = \$84/year



Two-Part Pilot Project with SPRWS

Installation of Advanced Metering Infrastructure

- SPRWS originally installed 12 AMI collectors (Met Council grant covered ~7 collectors)
 - Approximately 12,000 accounts
- SPRWS expects to complete collector rollout by end of 2024
 - Final count expected to be 30-32 collectors (30,000-45,000 accounts)



●	Actual V3 Reads from Installed Collectors
●	Actual V4 Reads from Installed Collectors
●	Proposed Collector Locations January 2024 + Anticipated Area of V3 Reads
●	Locations of September 2023 Installed Collectors + Anticipated Area of V3 Reads
○	Potential Additional Collector Locations Tanks or PHA
	Proposed Area for Register Replacement Prioritization in 2023-2024 Starting in NW Corner (Lauderdale). Working East to 35E and South to 94. Skipping all Blue areas (V3 Already Caught by Current Collectors)

What can we do to further this effort?



1) Share your thoughts.

2) Join us to co-create an equity-based water efficiency program in Fall 2024.



https://forms.office.com/pages/responsepage.aspx?id=i_a_3SpIc0WB4P74FWpP0AVilclp6ZtJqyVQEH9txylUME0yRjc5NTVER1I0Wk5SSlc2M1I2Q1JMTS4u

Thank you

Jen Kostrzewski

Assistant Manager, Water Planning and Policy
Jennifer.Kostrzewski@metc.state.mn.us

Henry McCarthy

Senior Environmental Scientist, Water Resources
Henry.Mccarthy@metc.state.mn.us

