Agenda

Overview

Past & Present Programs

2024 - 2026 Program
Program Overview

**The objective of this grant program is to improve water efficiency in the metro region.**

- Program has existed since 2015
- Met Council has been awarded funding by the Minnesota Legislature for water demand reduction
- Funding is available to cities and townships served by a municipal water supply system.
- Municipalities design and operate their own program
Current eligible expenses include:

• Toilet replacement
• Irrigation controller replacement
• Irrigation spray sprinkler body replacement
• Irrigation system audit
• Clothes washing machine replacement
• Residential dishwasher replacement
Grant Program History: 2015 - 2017

- $500,000 appropriation
- 19 participating communities
Grant Program History: 2019 - 2022

- $750,000 appropriation
- 37 participating communities (17 returning)
Current Grant Program: 2022 - 2024

• $1,250,000 appropriation
  • $250,000 went towards an equity pilot project with Saint Paul Regional Water Services
• 37 participating communities (32 returning)
# Current Grant Program Metrics

**Program activity: July 1, 2022 - June 30, 2023**

<table>
<thead>
<tr>
<th>WaterSense</th>
<th>Energy Star</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toilets Replaced</td>
<td>Clothes Washers Replaced</td>
</tr>
<tr>
<td>Irrigation Controllers Replaced</td>
<td>Residential Dishwashers Replaced</td>
</tr>
<tr>
<td>Irrigation Spray Sprinkler Bodies Replaced</td>
<td></td>
</tr>
<tr>
<td>Irrigation System Audit Conducted</td>
<td></td>
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</tbody>
</table>

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<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1,149</td>
<td>1,038</td>
<td>95</td>
<td>113</td>
</tr>
<tr>
<td>567</td>
<td>487</td>
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</tbody>
</table>

Estimated annual gallons saved – *nearly 40 million!*
Two-Part Pilot Project with SPRWS

**Toilet Efficiency Program**
- $100,000 in funding
- No-cost toilet replacement
- Equity focus

**Leak Audit Program**
- $150,000 in funding
- Purchase and installation of Advanced Metering Infrastructure (AMI) collectors
- Equity focus
Pilot Project: Toilet Replacements

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
Metropolitan Council
Pilot Project: Leak Detection

Installation of Advanced Metering Infrastructure

- SPRWS currently has 12 AMI collectors installed (Met Council grant covered ~7 collectors)
  - Approximately 12,000 accounts

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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<tbody>
<tr>
<td>Current Collectors</td>
<td>Locations of September 2023 Installed Collectors + Anticipated Area of V3 Reads</td>
</tr>
<tr>
<td>Current Collectors</td>
<td>Proposed Collector Locations January 2024 + Anticipated Area of V3 Reads</td>
</tr>
<tr>
<td>New Collectors</td>
<td>Tanks or PHA</td>
</tr>
<tr>
<td>Potential Additional Collector Locations</td>
<td>Proposed Area for Register Replacement Prioritization in 2023-2024</td>
</tr>
<tr>
<td>Potential Additional Collector Locations</td>
<td>Starting in NW Corner (Lauderdale), Working East to 35E and South to 94.</td>
</tr>
<tr>
<td>Potential Additional Collector Locations</td>
<td>Skipping all Blue areas (V3 Already Caught by Current Collectors)</td>
</tr>
</tbody>
</table>
Program Feedback Survey

• How has the program been going for participating communities?
  • Issues?
  • What’s working well?
  • Ideas for the future?
Great response rate!

- 32 total responses from 29 unique communities

Gathered responses on:
- Reporting methods
- Verifying device eligibility
- Potential devices to add to program
- Incorporating equity into the program
- Areas of success, areas for improvement
The following EPA WaterSense and/or DOE Energy Star devices are not currently part of the program. Would you like to see any of them included in a future Water Efficiency Grant Program?

<table>
<thead>
<tr>
<th>Device</th>
<th>Rating</th>
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</table>
| Showerheads                     | ⬤⬤⬤⬤⬤⬤⬤⬤⬤⬤⬤⬤⬤⬤
| Bathroom sink faucets/accessories | ⬤⬤⬤⬤⬤⬤⬤⬤⬤
| Flushing urinals                | ⬤⬤⬤⬤⬤⬤⬤⬤
| Flushometer-valve toilets       | ⬤⬤⬤⬤⬤⬤⬤
| Commercial clothes washers      | ⬤⬤⬤⬤⬤⬤⬤⬤⬤
| Commercial dishwashers          | ⬤⬤⬤⬤⬤⬤⬤⬤
| Current offerings are sufficient | ⬤⬤⬤⬤⬤⬤⬤⬤

*Note: The scale represents the level of interest from 1 (low) to 5 (high).*
Planning for the next program

2024 - 2026

$1,500,000 appropriation

- $1,000,000 for existing grant program
  - Grow the number of program participants
  - Add showerheads to list of eligible expenses
  - Develop program improvements to make device verification, reporting, and reviewing easier for communities and staff
  - *Opening for standard grant program applications in mid-February*

- $500,000 to expand equity pilot projects
  - Build on, learn from successful program with SPRWS
  - *Convening conversations with communities to co-create program in 2024*