

Business Item 2019-192 SW: 2019-2020 Water Efficiency Grant Program

Brian Davis, Senior Engineer

Environment Committee: July 9, 2019



Overview

- **473.1565 METROPOLITAN AREA WATER SUPPLY PLANNING ACTIVITIES; ADVISORY COMMITTEES.**
- The Metropolitan Council must carry out planning activities addressing the water supply needs of the metropolitan area as defined in section [473.121](#), [subdivision 2](#). The planning activities must include, at a minimum:
 - development and periodic update of a metropolitan area master water supply plan, prepared in cooperation with and subject to the approval of the policy advisory committee established in this section, that:
 - **emphasizes conservation**, interjurisdictional cooperation, and long-term sustainability;



Overview

- Minnesota Session Law 2019 Ch. 2, Art. 2, Sec. 9:
 - \$375,000 the first year and \$375,000 the second year are for the water demand reduction grant program to encourage municipalities in the metropolitan area to implement measures to reduce water demand to ensure the reliability and protection of drinking water supplies
 - Effective through June 30, 2022
- Goal: improve municipal water use efficiency

Funding

- Grants to municipalities: \$2,000 to \$50,000
- Municipality provides 25% of total granted amount
- Example:

Metropolitan Council Grant Amount	\$15,000
Municipality Match	\$5,000
Municipality Grant/Rebate Program Total	\$20,000

- Applicants must be municipal water suppliers in the seven-county metro area

Eligibility

- Selection criteria:
 - Municipalities that are supplied 100% with groundwater
 - Municipalities with identified water supply issues in Master Water Supply Plan Community Profiles or Local Water Supply Plans
 - Municipalities' ratio of peak monthly water use to winter monthly water use
 - Municipalities' average residential per capita water use
 - The order in which applications are received and until grant funds are completely committed

WaterSense Labeled Irrigation Controllers



TOTAL CONTROL FROM ANYWHERE
IN THE PALM OF YOUR HAND

Rain Bird LNK Wi-Fi Module +
Rain Bird Smartphone App



Toro Evolution

HC Controller with Hydrawise™
web-based software



Hunter Hydrawise +
Hydrawise Smartphone App

University of Minnesota Turfgrass Science Program

WaterSense Labeled Toilets



Kohler

WaterSense Labeled Spray Sprinkler Bodies



International Association of Plumbing & Mechanical Officials

WaterSense Certified Irrigation System Audits

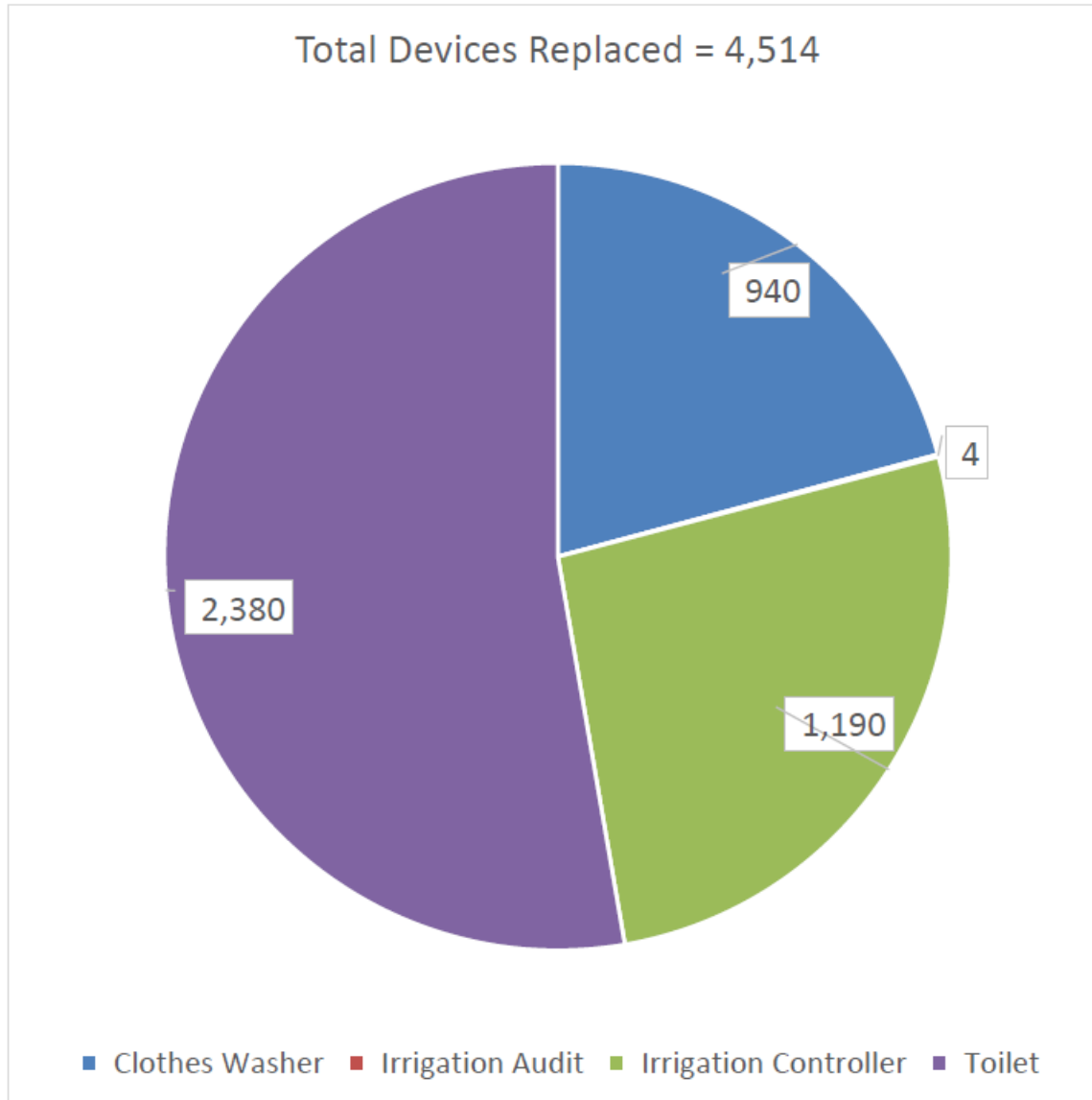


University of Minnesota Turfgrass Science Program

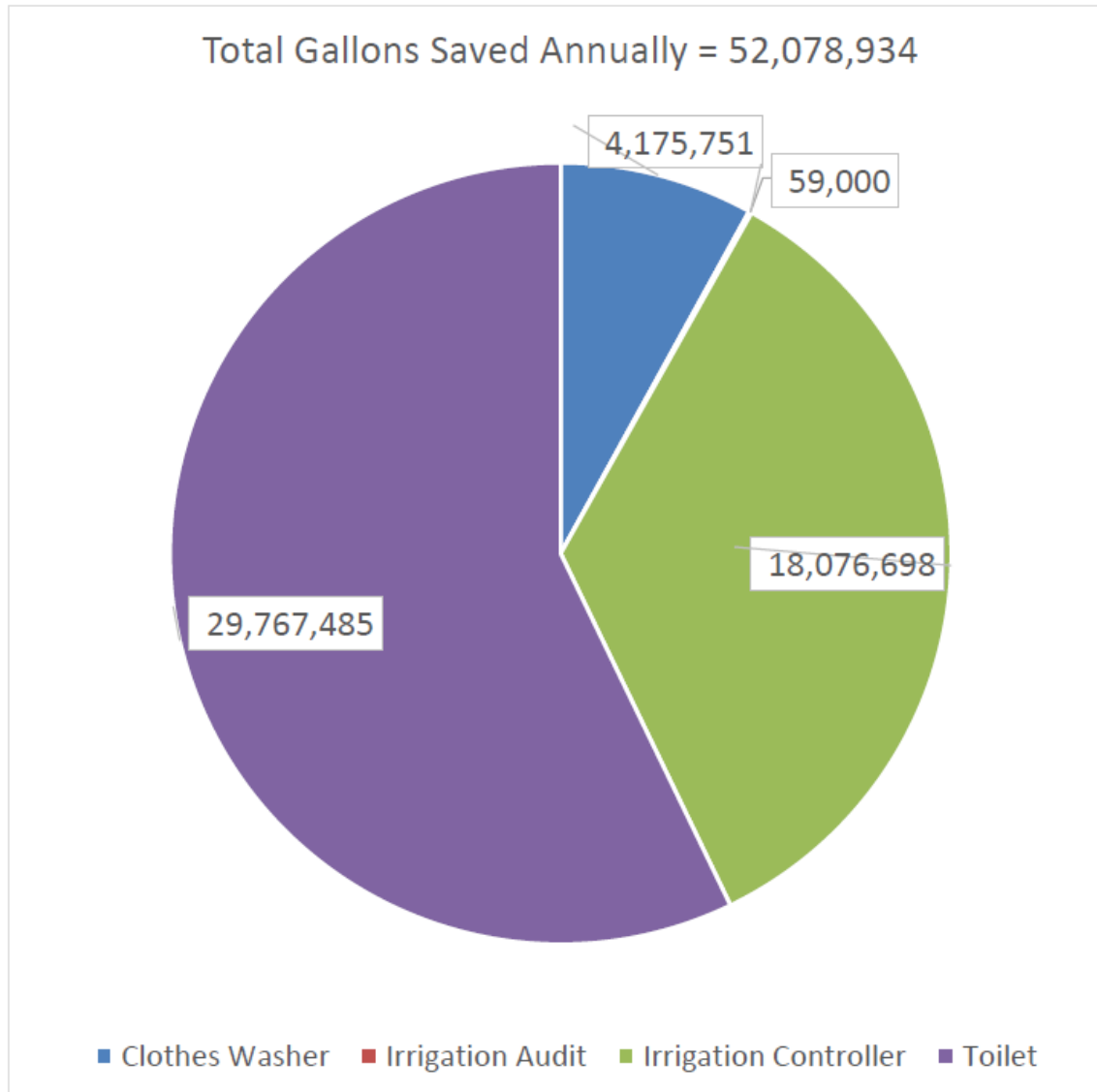
Energy Star Labeled Clothes Washers



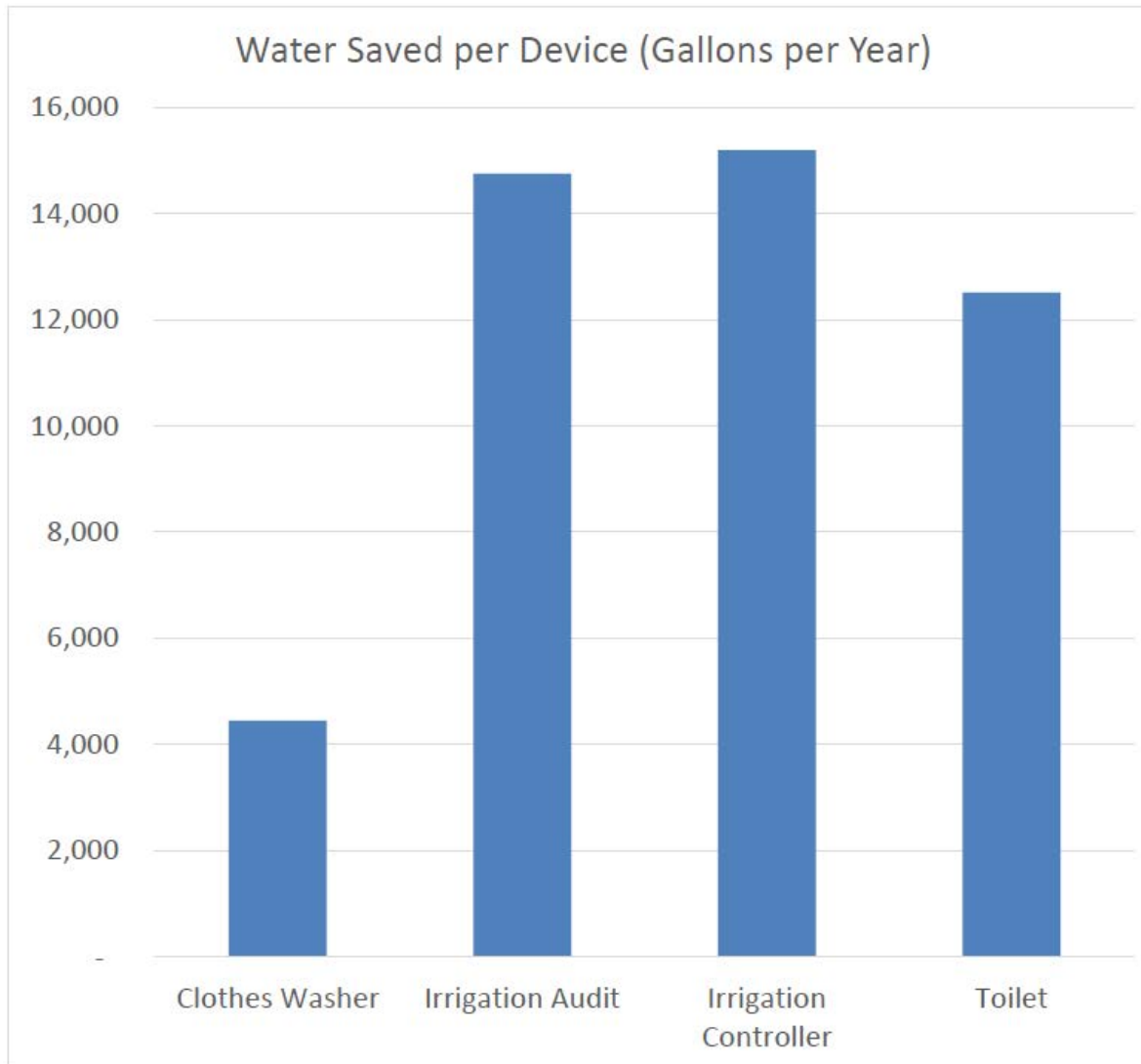
2015-2017 Program Results



2015-2017 Program Results



2015-2017 Program Results



2015-2017 Program Comments

- I just wanted to reach out and tell you thank you so much for managing this program. We believe it has really made a significant impact on the amount of groundwater being used in Hugo.
 - Rachel Leitz, Community Development Assistant, City of Hugo
- Thank you for all your assistance and funding with the Water Efficiency Grant Program. We found the program to be extremely beneficial and popular for our residents.
 - Derek Asche, Water Resources Manager, City of Plymouth

Proposed Process

- All Metro Area Cities will be notified of funding – **July 2019**
- 10 weeks application period: **July – September**
- A panel of Council staff and agency staff will evaluate and rank proposals and make a recommendation for funding to Environmental Services management: **October- November**
- Funding recommendation will be presented to the Environment Committee and then to the full Council for approval: **December 2019**

Proposed Action

- That the Metropolitan Council approves the process for 2020 - 2022 Water Efficiency Grants described in Attachment A of the business item and authorizes staff to advertise the availability of grant funding and solicit applications.

Questions?