

2019 Greywater Showcase

City of Davis Water Conservation Update

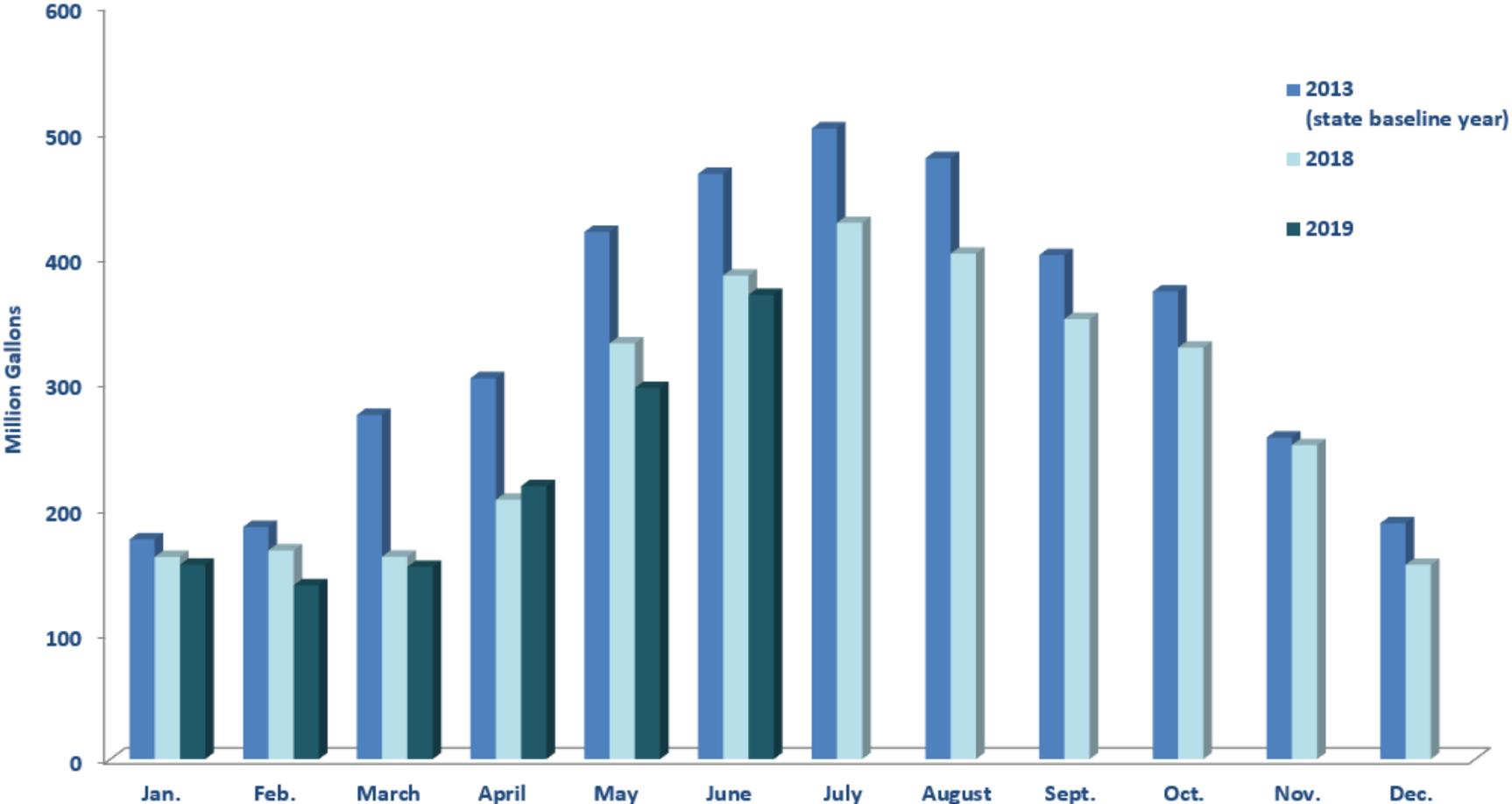
Update Outline

- ▶ Water Conservation Update
- ▶ Water Utility Infrastructure Upgrades
 - AquaHawk
- ▶ Upcoming Water Use Efficiency Standards
 - Water Use Objectives

Conservation Update

- ▶ City of Davis water production was 17.4% less in 2018 than in 2013 (State baseline year).
- ▶ The City is on target to surpass our 20% by 2020 gallons per capita day (gpcd) State target of 172 gpcd. For 2018, the City gpcd was 130.
- ▶ Long-term water use efficiency regulations were released by the state in Spring 2018.
- ▶ Weather patterns may change with dry and wet years but the City is committed to looking at long-term efficiency.

Davis Water Conservation Tracker



Water Utility Infrastructure Upgrades

- ▶ The City-wide Water Meter Upgrade project is now complete.
- ▶ Involved exchanging all existing water meters for new meters with Advanced Metering Infrastructure (AMI).
- ▶ AMI allows for hourly water usage information to be transmitted over a secure network approximately four times per day.



Water Utility Infrastructure Upgrades: AquaHawk

- ▶ AquaHawk is the City of Davis' new online customer water use portal (replaced WaterSmart).
- ▶ Ability to set usage alerts is one of the primary benefits of the water use portal, allowing for users to spot and repair leaks as quickly as possible.
- ▶ Launched September 2018. Over 3,575 users currently registered.

AquaHawk



AquaHawk Customer Benefits

- ▶ **Access to your water usage data 24/7.**
 - The online customer water use portal will show you how much water you're using on a daily and hourly basis.
- ▶ **Save Money.**
 - Knowing your daily and hourly water use can help you make informed decisions about using water efficiently. This can help you save money on your next bill.
- ▶ **Spot and stop leaks.**
 - You can set up water alerts that will notify you about continuous water flow that could be from an undetected leak. If it's a leak, you can make repairs more quickly.

New Water Use Efficiency Standards

- ▶ Senate Bill 606 and Assembly Bill 1668 call for creation of new statewide urban water use efficiency standards for indoor use, outdoor use and water lost to leakage.
- ▶ The State Water Board will adopt these standards by regulation no later than June 30, 2022.
- ▶ Each urban retail water agency will annually, beginning November 2023, calculate and report its water use objective.
- ▶ Many details for implementing the new water use requirements will be determined over the next several years.

Water Use Objective

INSIDE + OUTSIDE + WATER LOSS



**55 GALLONS
PER PERSON PER DAY
TIMES POPULATION
SERVED**



**TARGET TBD
BASED ON LOCAL
CLIMATE & AMOUNT OF
LANDSCAPED AREA**



**TARGET TBD
FOR WATER LOSS
FROM LEAKS IN
OUR SYSTEM**