# WUE Standards Economic Analysis Study

MWDOC ADMINISTRATION & FINANCE COMMITTEE MEETING SEPTEMBER 14, 2022

### **Presentation Overview**

Consultant Team and Background
Urban Water Use Standards Review
Study Overview & Data
Findings
Next Steps



### Consultant Team



Ian Castillo Spencer Waterman Kirsten Plonka



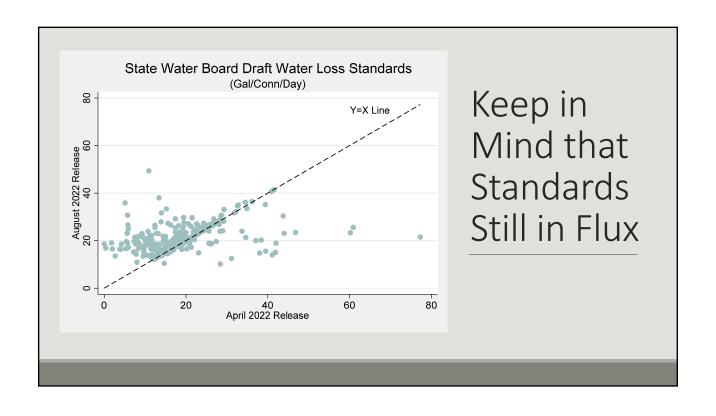
David Mitchell

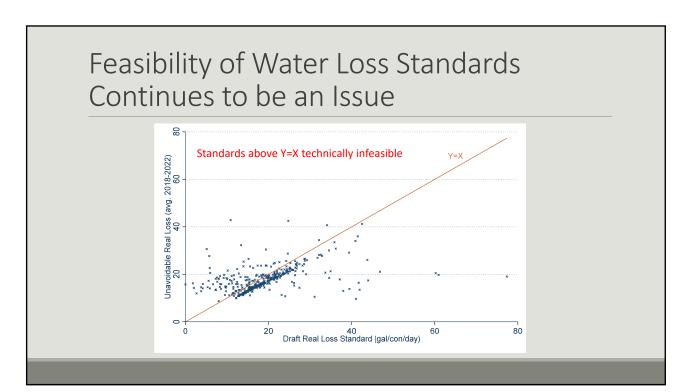
### Urban Water Use Standards

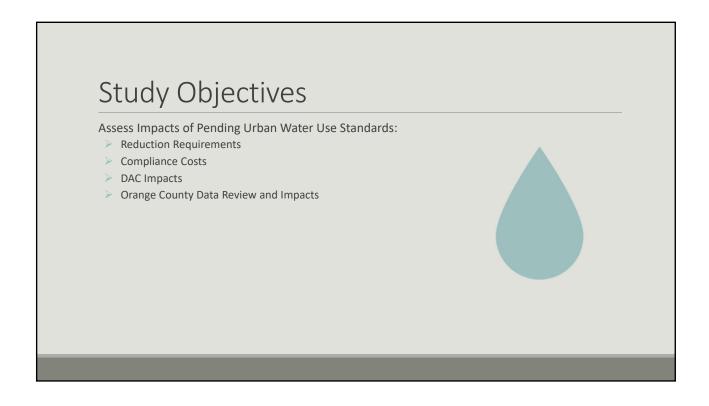
- 2018 Water Conservation Legislation (AB 1668/SB 606) Sets Annual Water Use Objectives for Urban Retail Water Suppliers
- Annual Objectives are determined by sum of standards, variances, and potable reuse bonus incentives:

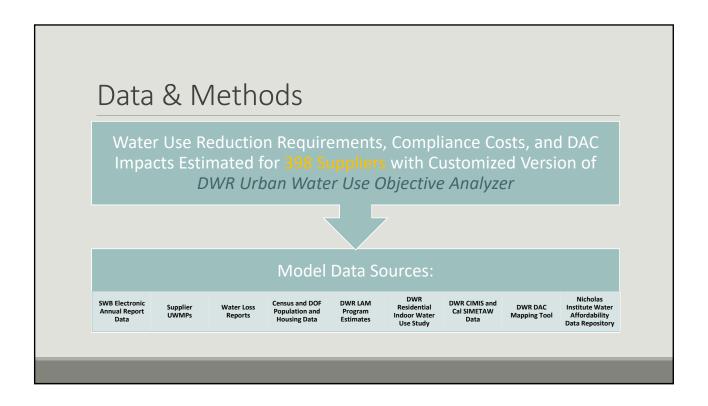


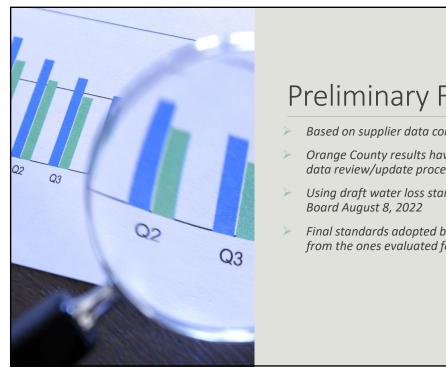
#### Standards DWR Expected to Recommend Before 2025 55 GPCD 80% of net ET<sub>o</sub> applied to 100% of Current System 80% of net ET<sub>o</sub> applied Regular Landscape Area + 100% of Losses 2025-2027 to 100% II + 20% INI net ET<sub>o</sub> applied to Special Landscape 47 GPCD 2028-2029 Area State Water Board 65% of net $\mathrm{ET_o}$ applied to 100% of **Draft Standards** Regular Landscape Area + 100% of 65% of net ET<sub>o</sub> applied (Updated August 2030 onward 42 GPCD to 100% II + 20% INI net ET, applied to Special Landscape 8, 2022)





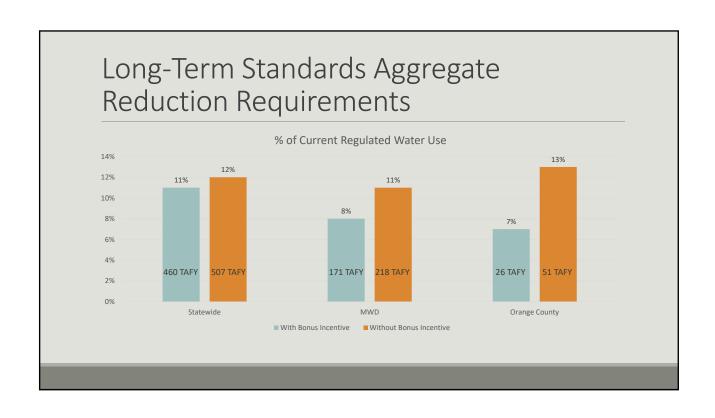




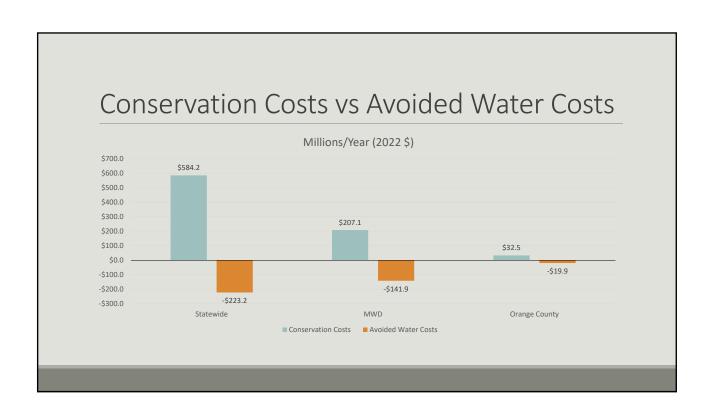


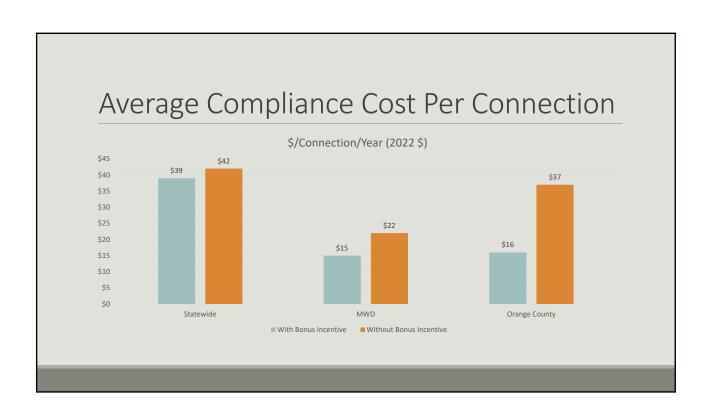
# **Preliminary Findings**

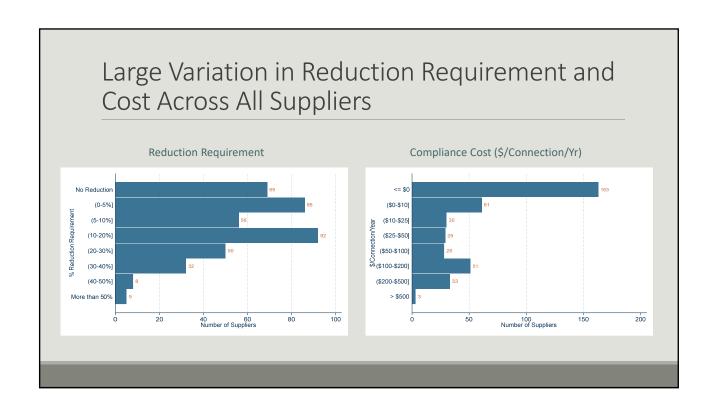
- Based on supplier data compiled by DWR
- Orange County results have been updated following OC data review/update process
- Using draft water loss standards released by State Water
- Final standards adopted by State Water Board may differ from the ones evaluated for this project.











# Large Variation Across OC Retailers

#### REDUCTION REQUIREMENT

Reduction Category	No. of OC Retailers
0-5%	10
5-10%	7
10-20%	8
> 20%	4

#### COMPLIANCE COST (\$/CONNECTION/YR)

Cost Category	No. of OC Retailers
< \$0	9
\$0-25	8
\$25-50	6
> \$50	6

