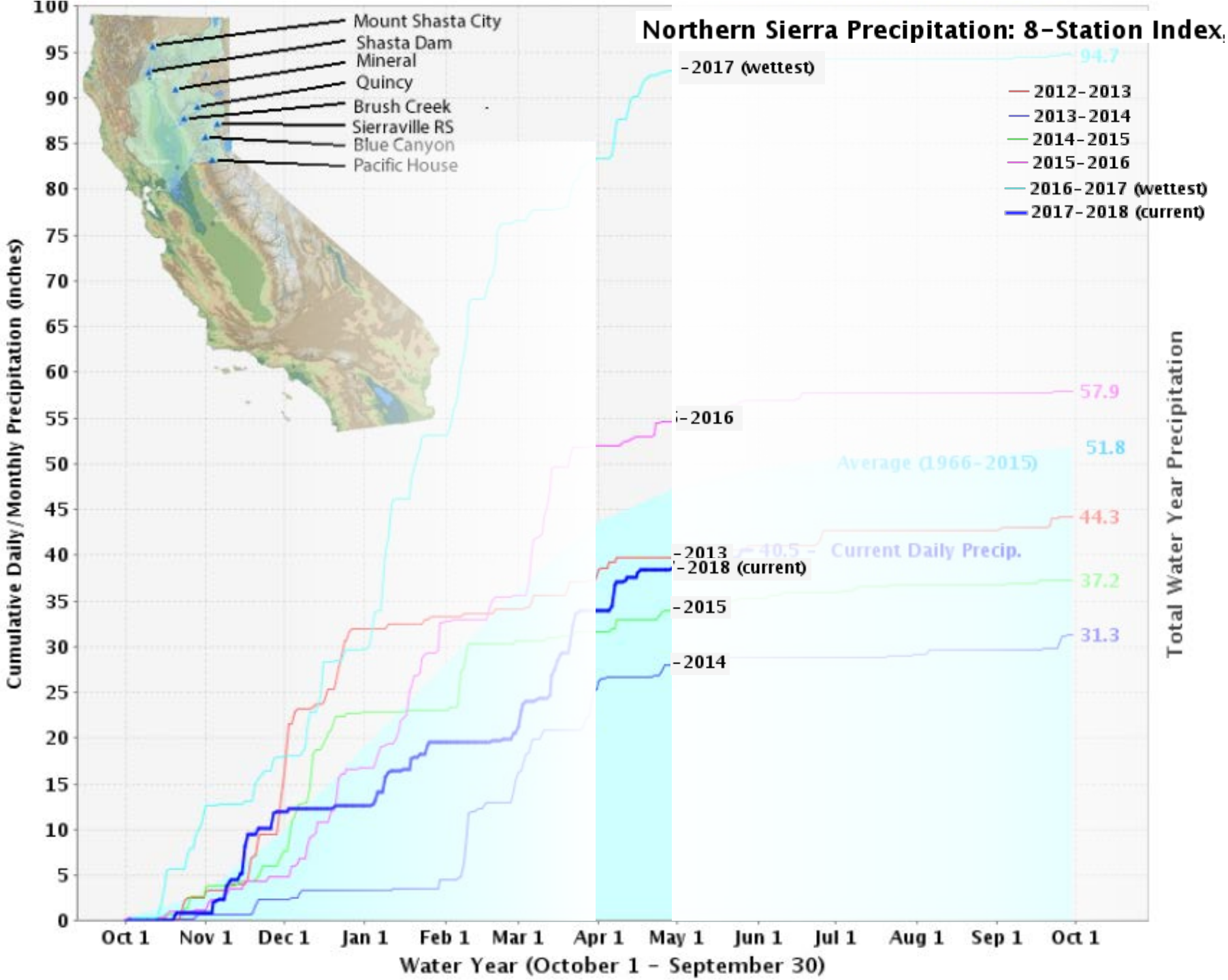
Urban Water Conservation Report for April 2018

Informational Item 7

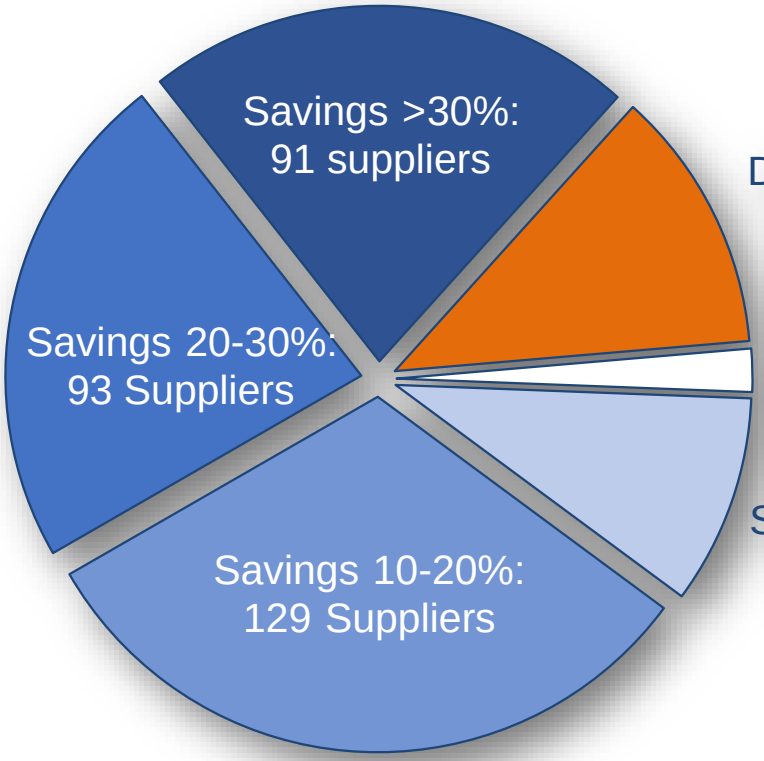
June 5, 2018

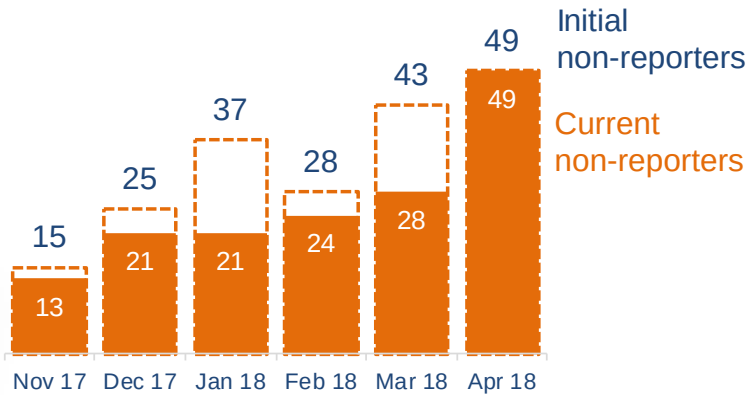
CALIFORNIA Water Boards


Northern Sierra Precipitation: 8-Station Index
Mount Shasta City
Shasta Dam
Mineral
Quincy
Brush Creek
Sierraville RS
Blue Canyon
Pacific House
2012-2013
2013-2014
2014-2015
2015-2016
2016-2017 (wettest)
2017-2018 (current)
2017 (wettest)
2016
2013
2018 (current)
2015
2014
Average (1966-2015)
Current Daily Precip.
40.5
94.7
57.9
51.8
44.3
37.2
31.3
Cumulative Daily/Monthly Precipitation (inches)
Total Water Year Precipitation
Water Year (October 1 - September 30)
Oct 1
Nov 1
Dec 1
Jan 1
Feb 1
Mar 1
Apr 1
May 1
Jun 1
Jul 1
Aug 1
Sep 1
Oct 1
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100

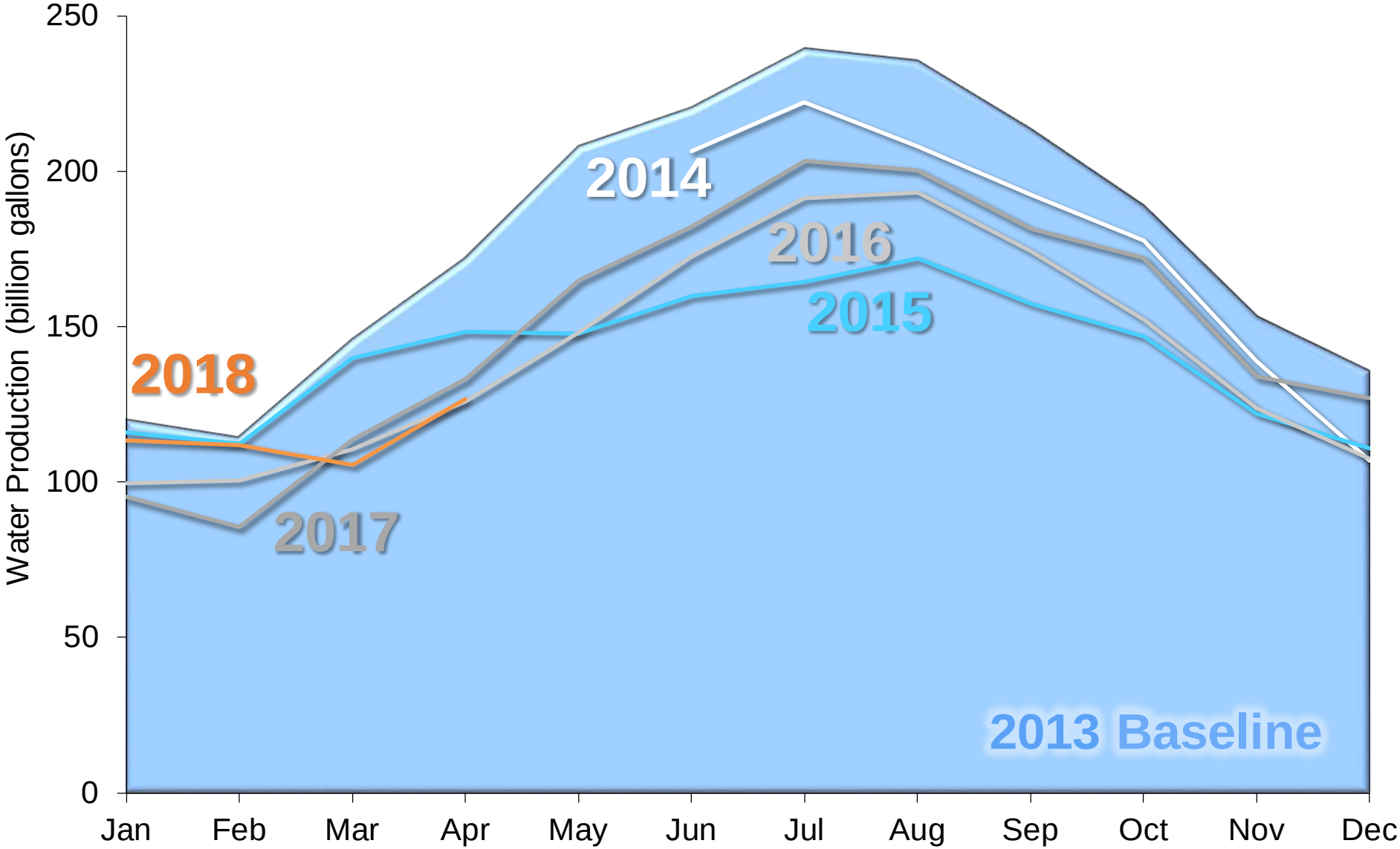
Water Conservation 19.6%

REPORTING Declines

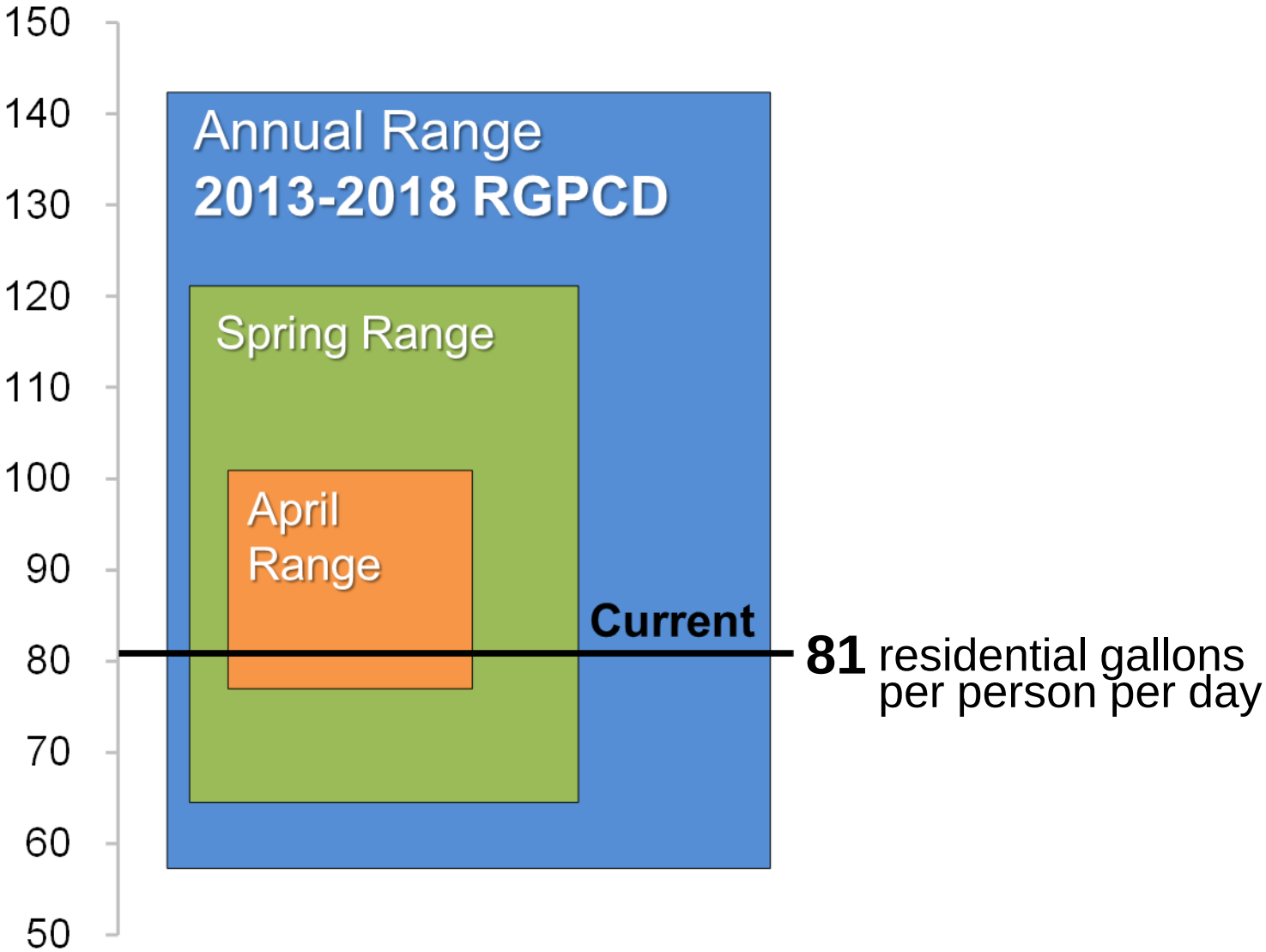




California urban water production



April 2018 URBAN WATER USE



AB1668/SB606

KEY PROVISIONS

- Authorize monthly reporting regulation
- Shift from percent reduction for water conservation to efficiency-based approach
- Provide a progressive enforcement approach
- Include new requirements for urban and agricultural water management planning

Urban Water Use OBJECTIVE

Aggregate Residential Indoor Use

+

Aggregate Residential Outdoor Use

+

Aggregate CII outdoor use

CII landscape areas with dedicated irrigation meters

+

Aggregate Water Loss

+

Aggregate Variances

+

Bonus Incentive

Up to 15% of potable reuse water

Efficiency Standards TIMING

2018

Begin standard development

2022

Adopt standards, PMs, and method

2023

Suppliers calculate objectives

2025

Suppliers reach objectives

More detailed **Timeline**

Reporting regulation

Fall 2018: Begin rulemaking

After **Jan 2019**: Adopt regulation

Water Loss Standard

Stakeholder meetings (now)

By **Jan 2019**: Begin rulemaking

By **July 2020**: Adopt regulation

Residential Indoor Standard

Study whether 55 GPCD reflects best practices

Study impacts of a changing standard

Stakeholders engage in research

By **Jan 2021**: Complete report

Other Standards

Stakeholders and public engage in studies and rulemaking

By **Oct 2021**: Recommend standards, CII PMs, variances and method to calculate objective.

By **May 2022**, identify potential impacts

By **June 2022**: Adopt standards and CII PMs

Enforcement

Starting **November 2023**, Board may issue *informational orders*

Starting **November 2024**, Board may issue *written notices*

Starting **November 2025**, Board may issue *conservation orders*

Violating these orders may be subject to fines of up to **$1000/day**

Starting in **2027**, violating a regulation may also result in a fine

Next STEPS

- Encourage continued reporting
  - Initiate rulemaking for reporting in the Fall
- Prohibit wasteful water use practices
- Stakeholder meetings to inform water loss regulation
- Outdoor standard workshop June 11
- Pending workshops- AB1686/SB606 implementation