

Water & Recycled Water Supply Update

Board of Public Utilities Meeting

January 21, 2021

Peter Martin – Deputy Director Water Resources

Emma Walton – Deputy Director Water Reuse



OUR FUTURE IN EVERY DRÖP

Russian River Water Supply

- Potter Valley Project, Lake Mendocino, Russian River
- Lake Sonoma, Dry Creek
- Diversion, storage and minimum instream flows governed by Decision 1610



Russian River Water Supply

- Instream flows based on calculated cumulative inflow into Lake Pillsbury
 - October 1 to the first day of each month from January to June
- Considered Normal unless Dry or Critical Dry conditions exist
 - Currently Normal conditions
- Lake Mendocino
 - 2019-20 Water Year – 3rd driest on record
 - 2020-21 Water Year – Below average rainfall
- Critically low storage levels projected for Lake Mendocino without intervention



Temporary Urgency Change Petition

- ***Potter Valley Project Operations***
 - PG&E has notified Sonoma Water that they intend to reduce flows into upper Russian River watershed
- ***Strategy - Preserve Lake Mendocino Storage***
 - Meet water demands
 - Releases for fall run of fish in Russian River
- ***Sonoma Water will file a new TUCP in January 2021***
 - Minimum instream flow requirements for Russian River would be established using an index based on water storage in Lake Mendocino
 - Current index is based on cumulative inflow into Lake Pillsbury
 - Would adjust to “dry water supply conditions” scenario

Temporary Urgency Change Petition

- ***Strategy – Changing Hydrological Index to Lake Mendocino***
 - Same request in TUCP filed in 2014-15
 - Affects Upper Russian River
 - Decision 1610 – Sonoma Water Fish Habitat and Water Rights Project
 - Proposes to make this index change permanent to better reflect conditions in the watershed (Russian River)

Water Year Rainfall Totals to Date

| Location | Rainfall Oct 1 – January 13, 2020 | Percentage of Normal* |
|------------|-----------------------------------|-----------------------|
| Ukiah | 5.90" | 33% |
| Santa Rosa | 5.77" | 33% |

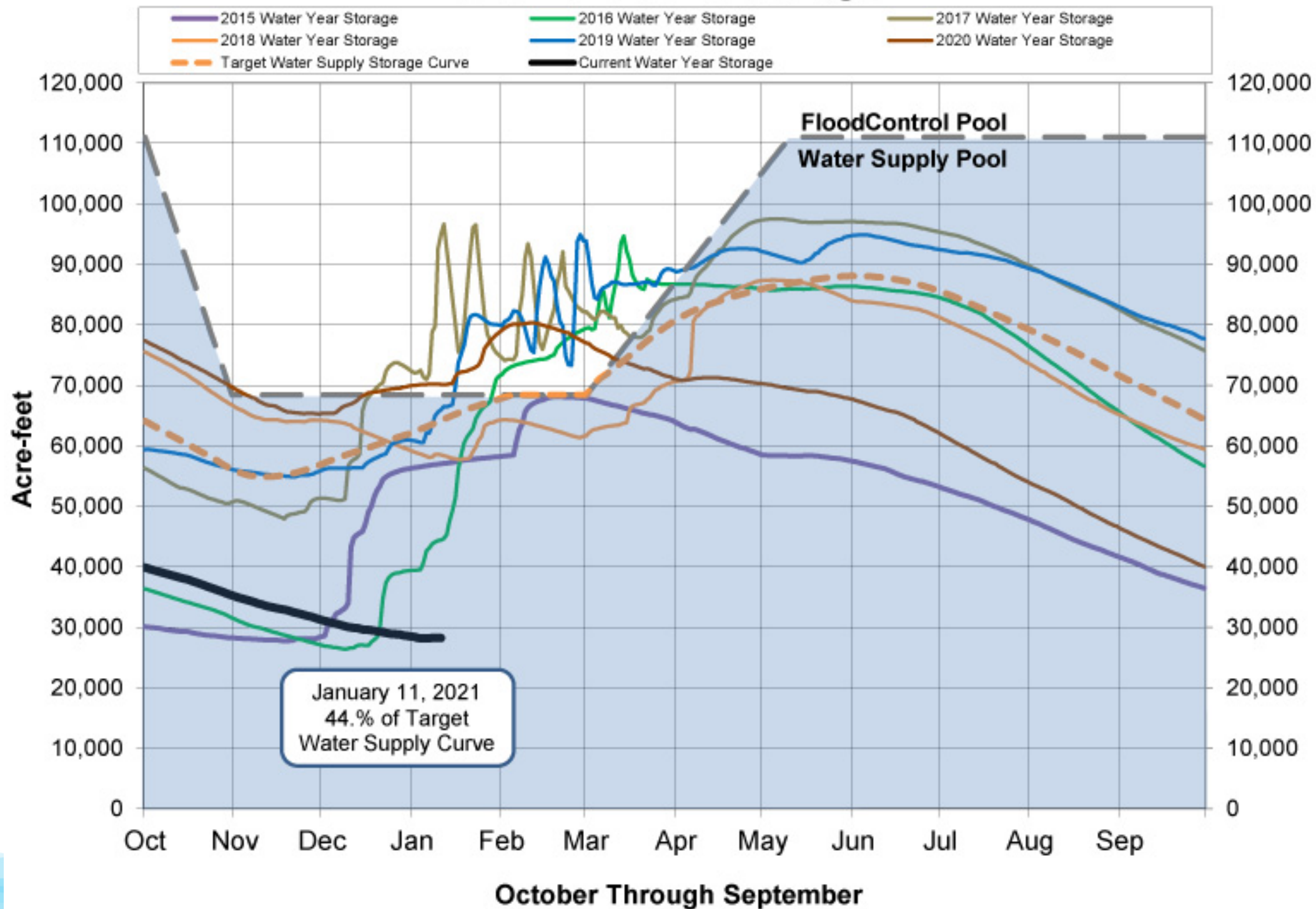
Source: CA-NV River Forecast Center

*Percentage of Normal based on 1981-2010 Averages

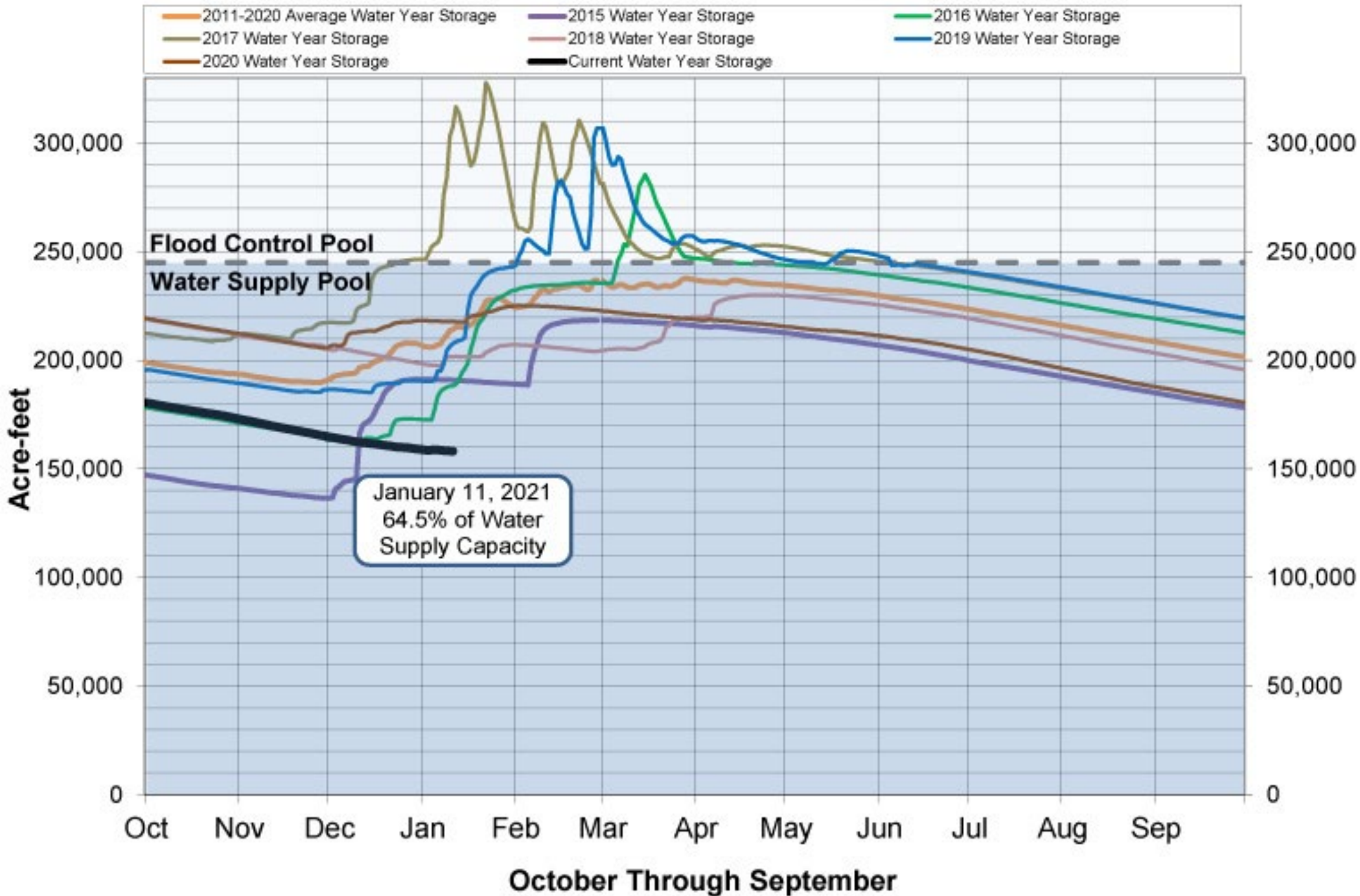


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Lake Mendocino Storage



Lake Sonoma Storage



Santa Rosa Water Activity

- Working with partners in the region to ensure consistent messaging
- Extending work products with Communications Team assistance
- Launching multi-media outreach to internal & external stakeholders



Sonoma-Marin Saving Water Partnership

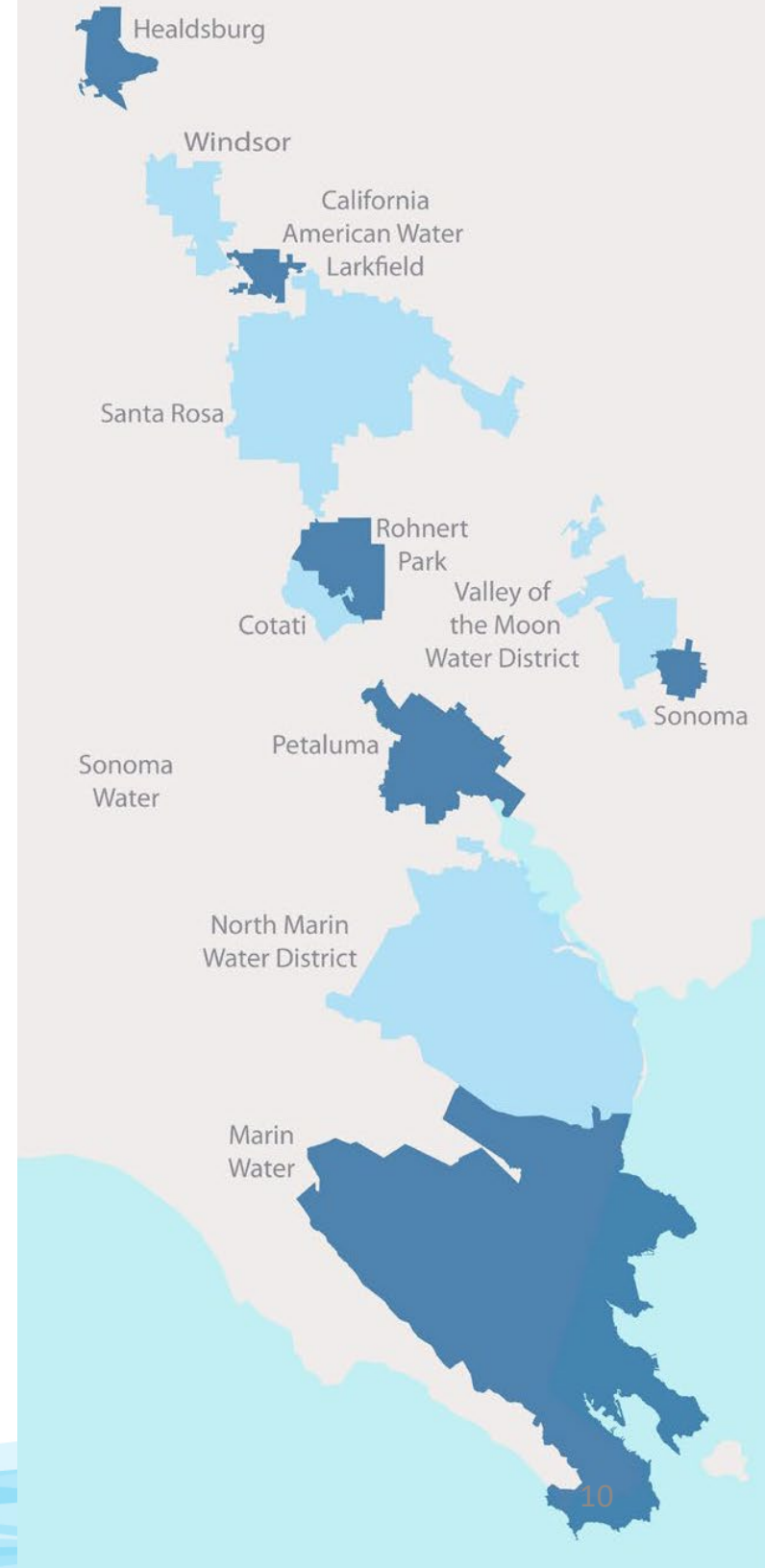
Regional Awareness Campaign

“It’s a Dry Year. Save Water With Us.”

- Water saving tips
- Direct public to rebates



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SMSWP Outreach Messaging

**It's a dry year.
Save water with us.**

**Save water now by replacing
inefficient toilets with new
high-efficiency models.**

Top performing models use just
0.8 gallons per flush.

For more water saving tips visit
SavingWaterPartnership.org



**It's a dry year.
Save water with us.**

**Save water now by turning off
your irrigation system.**

Plants need much less water during
the winter. Manually water only when
the soil below the surface is dry.

For more water saving tips visit
SavingWaterPartnership.org



Santa Rosa Winter Outreach Campaign

“It’s a Dry Year...Do Your Part to be WaterSmart”



Santa Rosa Winter Outreach Campaign



Three **FREE** and Easy Ways to be **WaterSmart!**

1 Turn **OFF** your
irrigation
system

2 Request a
DIY WaterSmart
check-up kit

3 Save with
FREE WaterSmart
devices

For WaterSmart devices and expert advice, visit **srcity.org/watersmart** or call **707-543-3985**



#3

PREPRINTED ART

PLEASE RECYCLE THIS ENVELOPE



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Water Shortage Contingency Plan

Document that describes how Santa Rosa Water will respond to various stages of Dry Weather, Drought or Emergencies

- Driven by regional supply outlook
- Voluntary or Mandatory levels of Action (tiers)

Actions

- Progressive water use restrictions, prohibitions, enforcement actions, and other demand management tools

Implementation of Water Shortage Contingency Plan

- Levels of Action determined by resolution of the City Council



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We are here to help!

**Santa Rosa Water Use
Efficiency Contact:**

Srcity.org/WaterSmart

(707) 543-3985





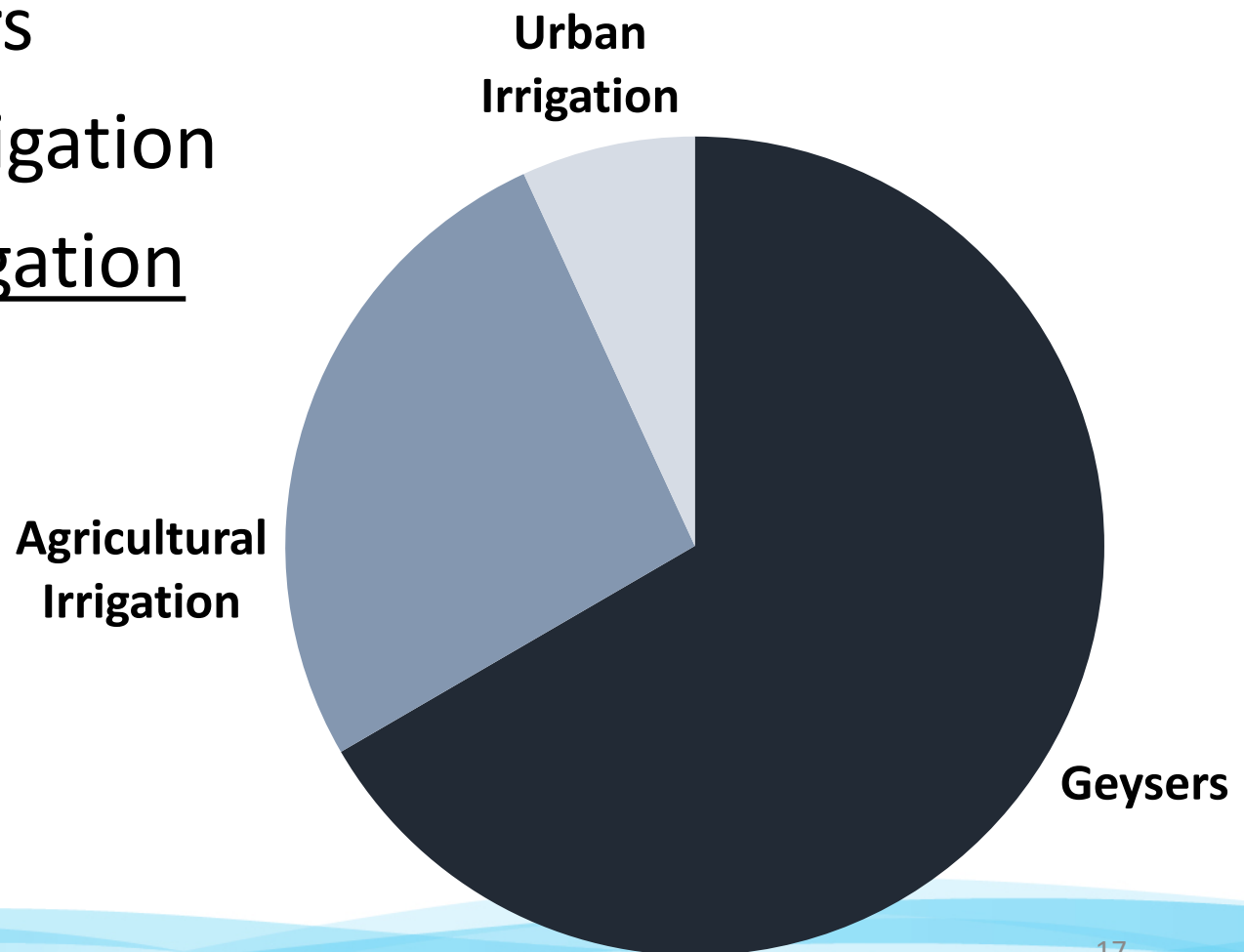
Recycled Water Supply Update



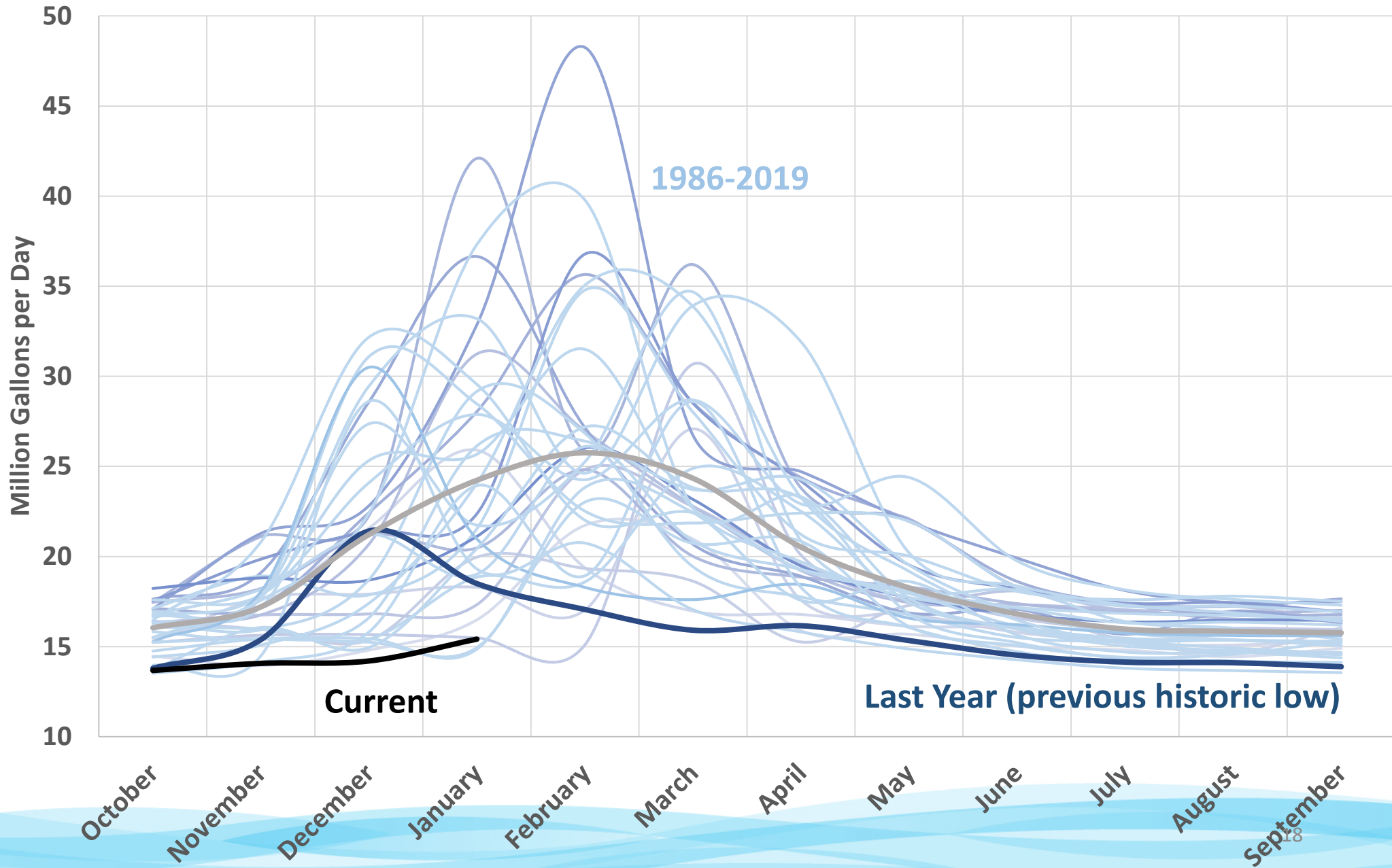
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2020 Deliveries

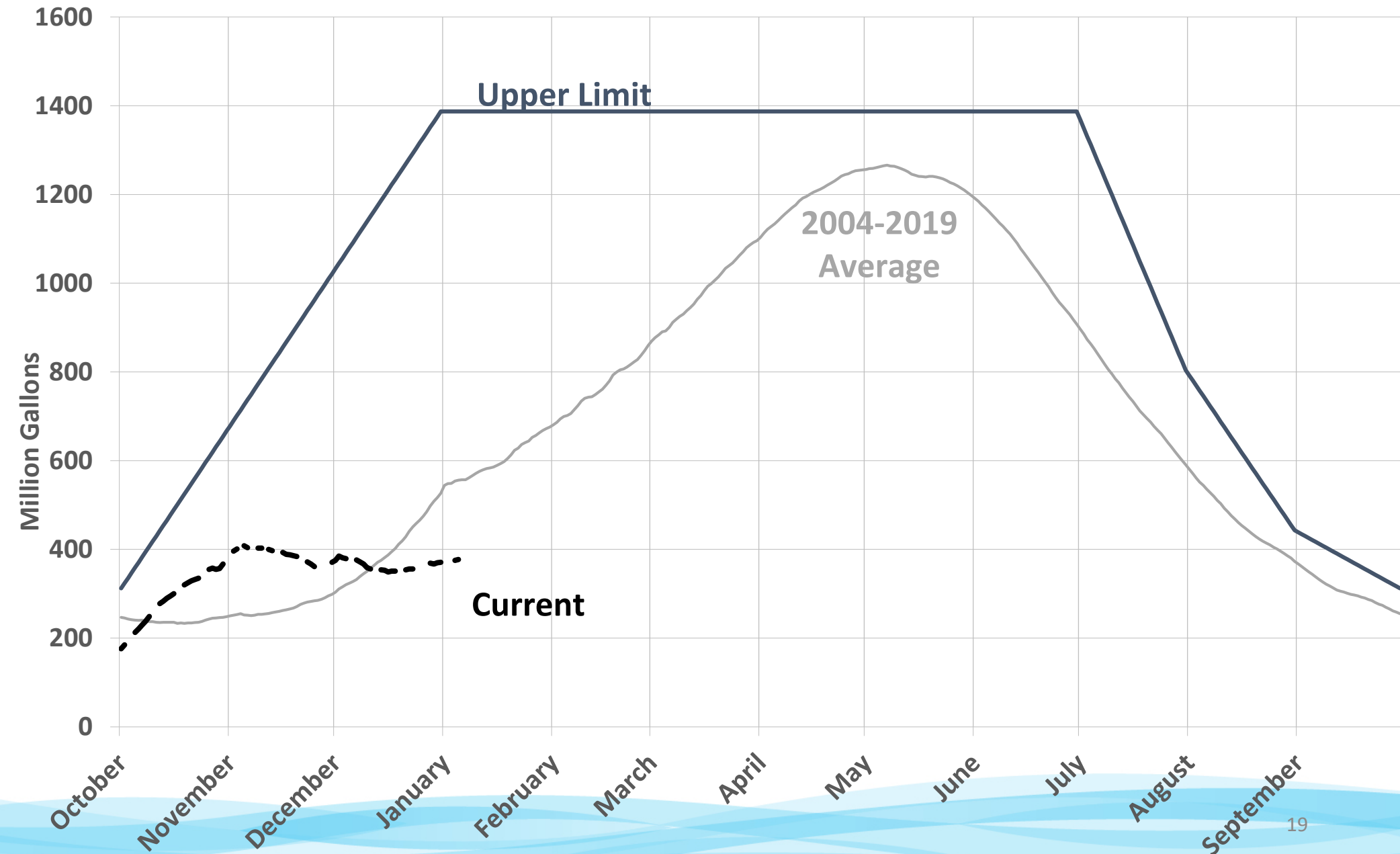
- 3.8 BG to Geysers
- 0.4 BG Urban Irrigation
- 1.5 BG to Ag Irrigation
- **5.7 BG Total**



Recycled Water Production



Recycled Water Storage



Water Availability

- Preparing for Little/No Recycled Water for Interruptible Customers
- Ongoing Ag User Meetings and Updates
 - Met on January 20th
- Ongoing Cooperation with Regional Partners



CONNECT WITH US!

CALL: 707.543.4200

EMAIL: SRWATER@SRCITY.ORG

VISIT: SRCITY.ORG/WATER



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