

Water and Recycled Water Update

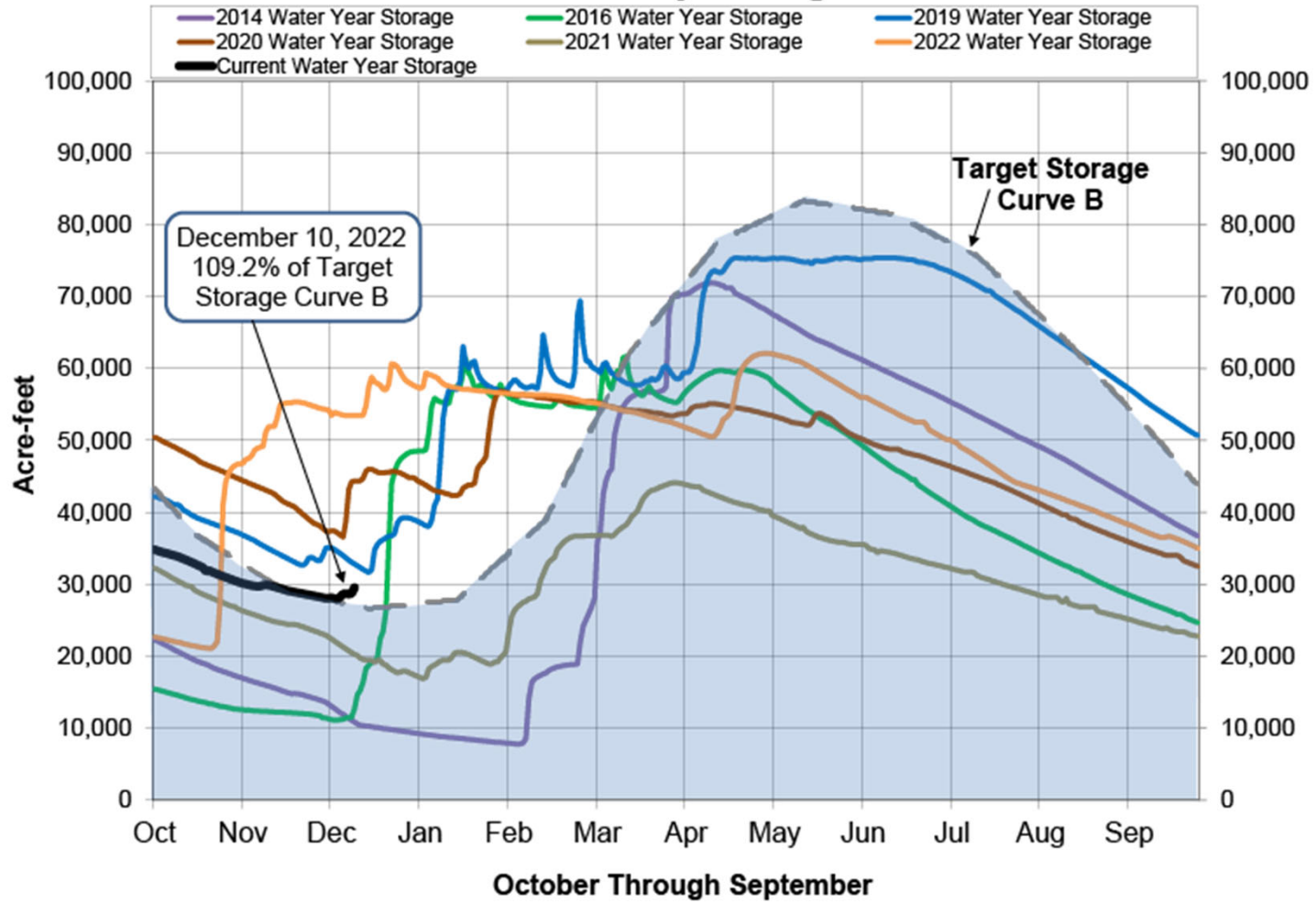
Board of Public Utilities Meeting
December 15, 2022

Peter Martin – Deputy Director Water Resources
Mike Prinz – Deputy Director Water Reuse

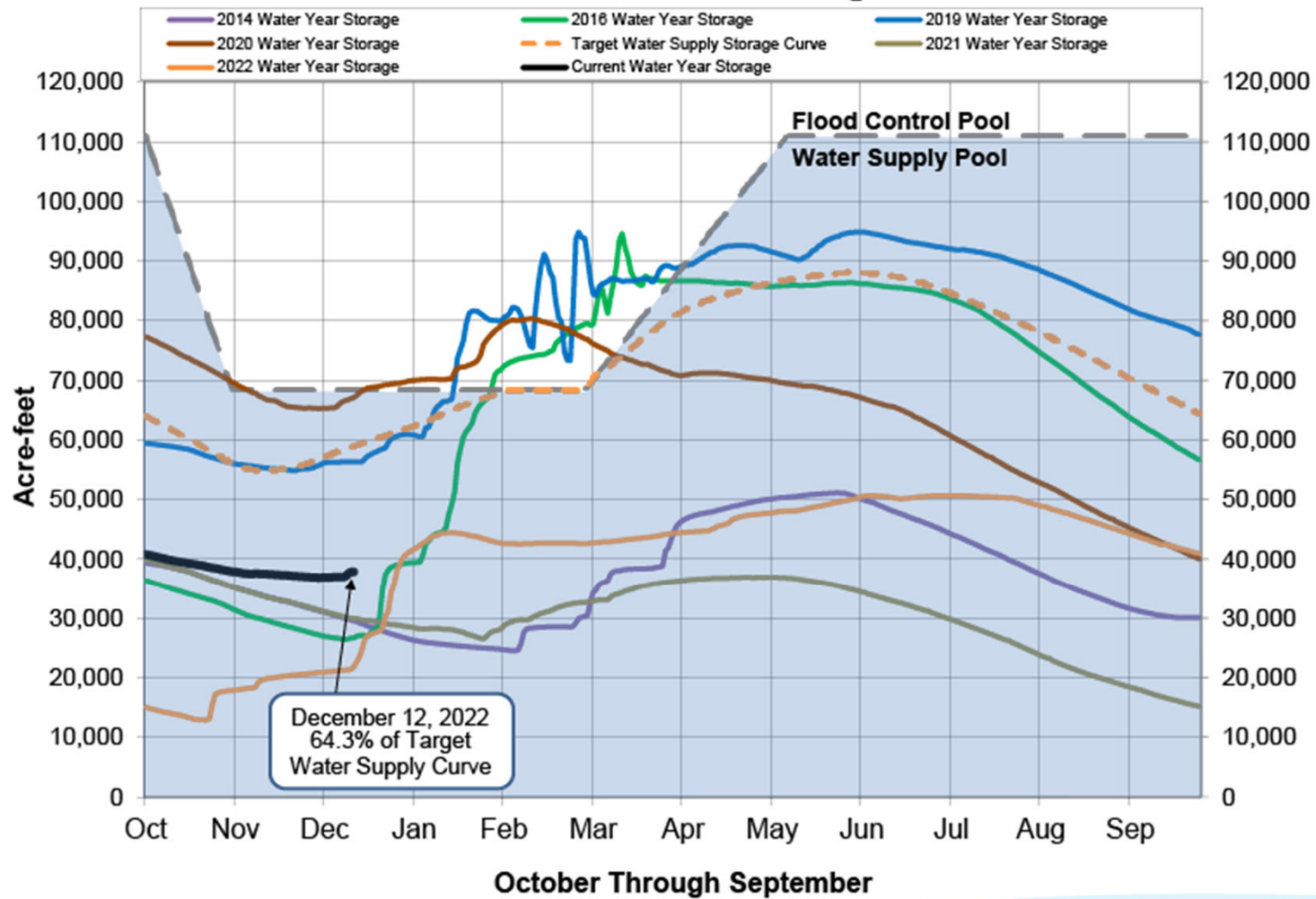
STILL
DROUGHT IS HERE
SAVE WATER 



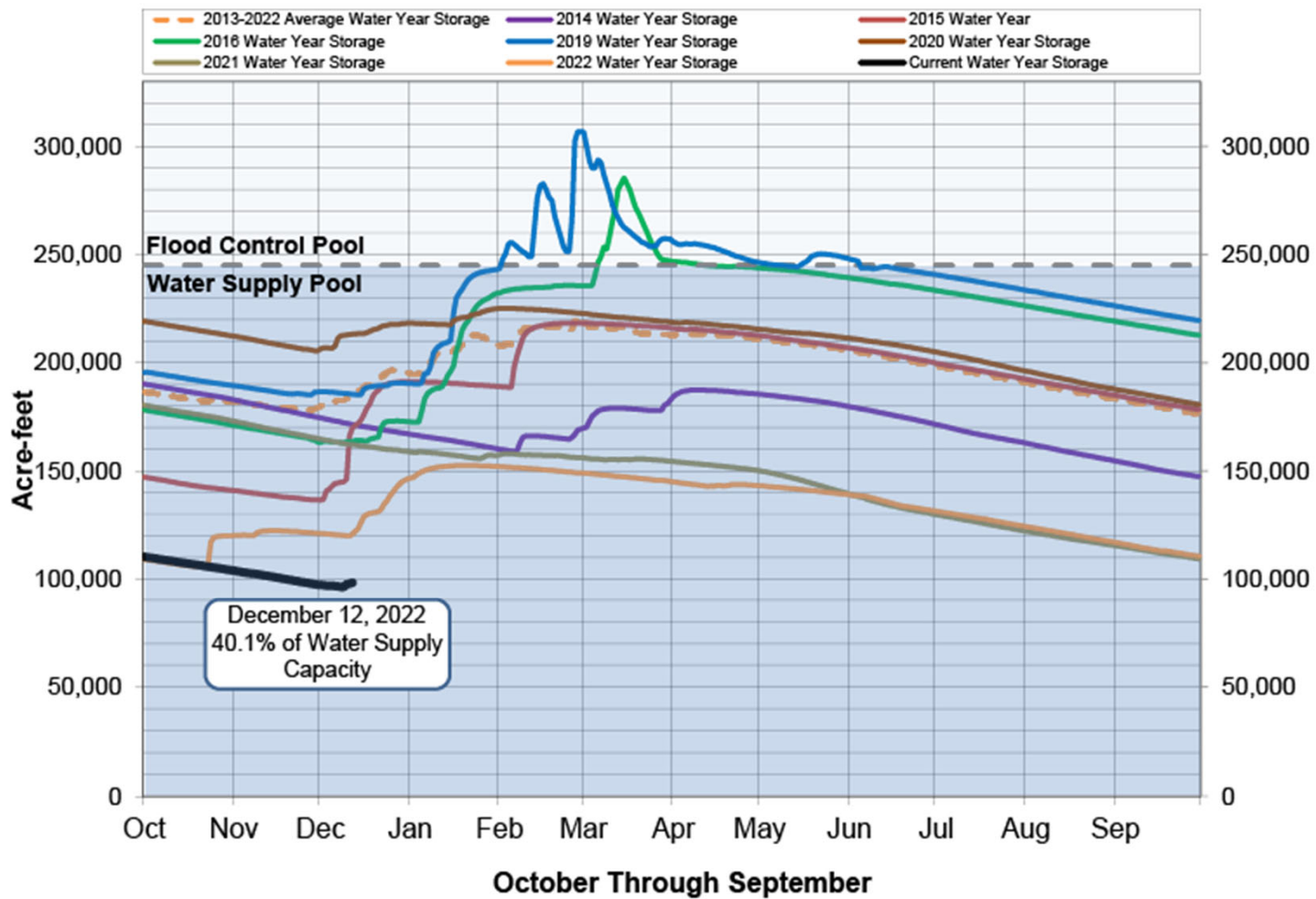
Lake Pillsbury Storage

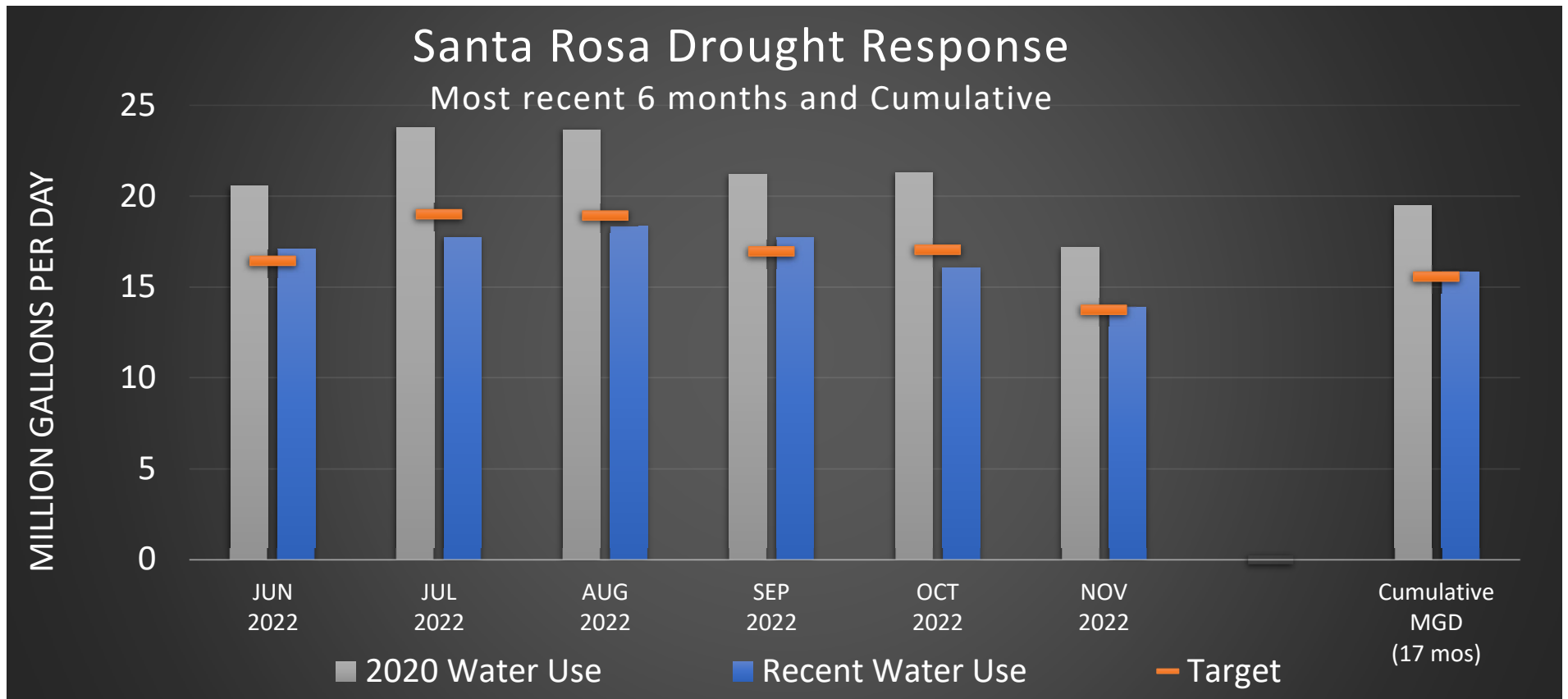


Lake Mendocino Storage



Lake Sonoma Storage





- In November 2022, Santa Rosa residents reduced water use by **19%** compared to June 2020
- From July 2021 - November 2022, water use has been reduced by **19%** compared to 2020

December Outreach and Messaging



In December, we'll be asking our customers to:

- Find and fix leaks
- Swap out toilets with high efficiency models
- Save water indoors

New High Efficiency Toilet Rebate Launch

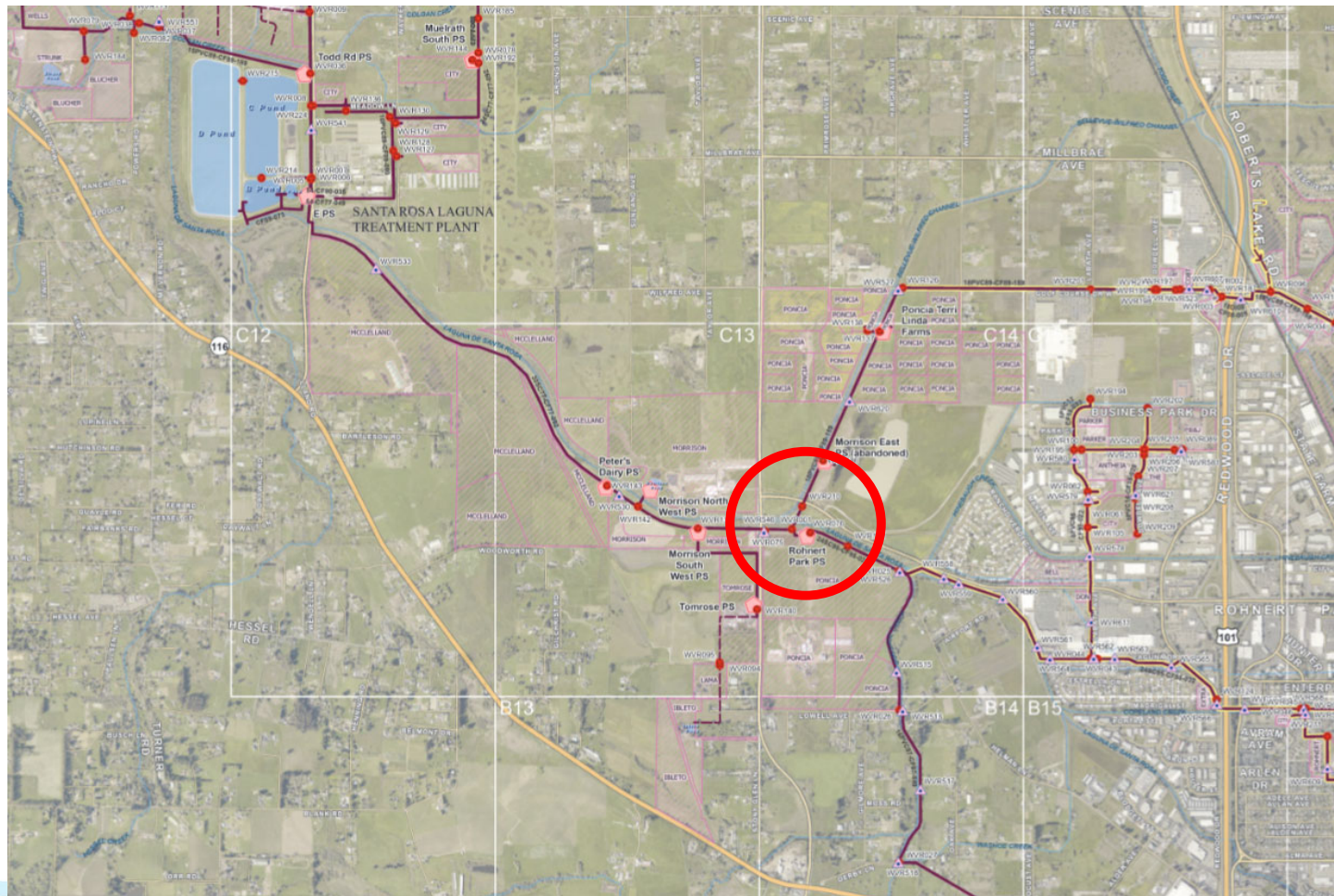


- Expanded marketing will begin in January
- Customers will be able to receive a rebate to upgrade their toilet of 1.6 gpf or greater
 - \$50 for 1.1 gpf
 - \$75 for 0.8 gpf
- We also will be receiving \$1.5 M in State funding to launch a limited-term direct install high efficiency fixture program – tentatively slated for 2023/2024

Recycled Water Supply Update



Rohnert Park Pump Station



Rohnert Park Pump Station – Filters



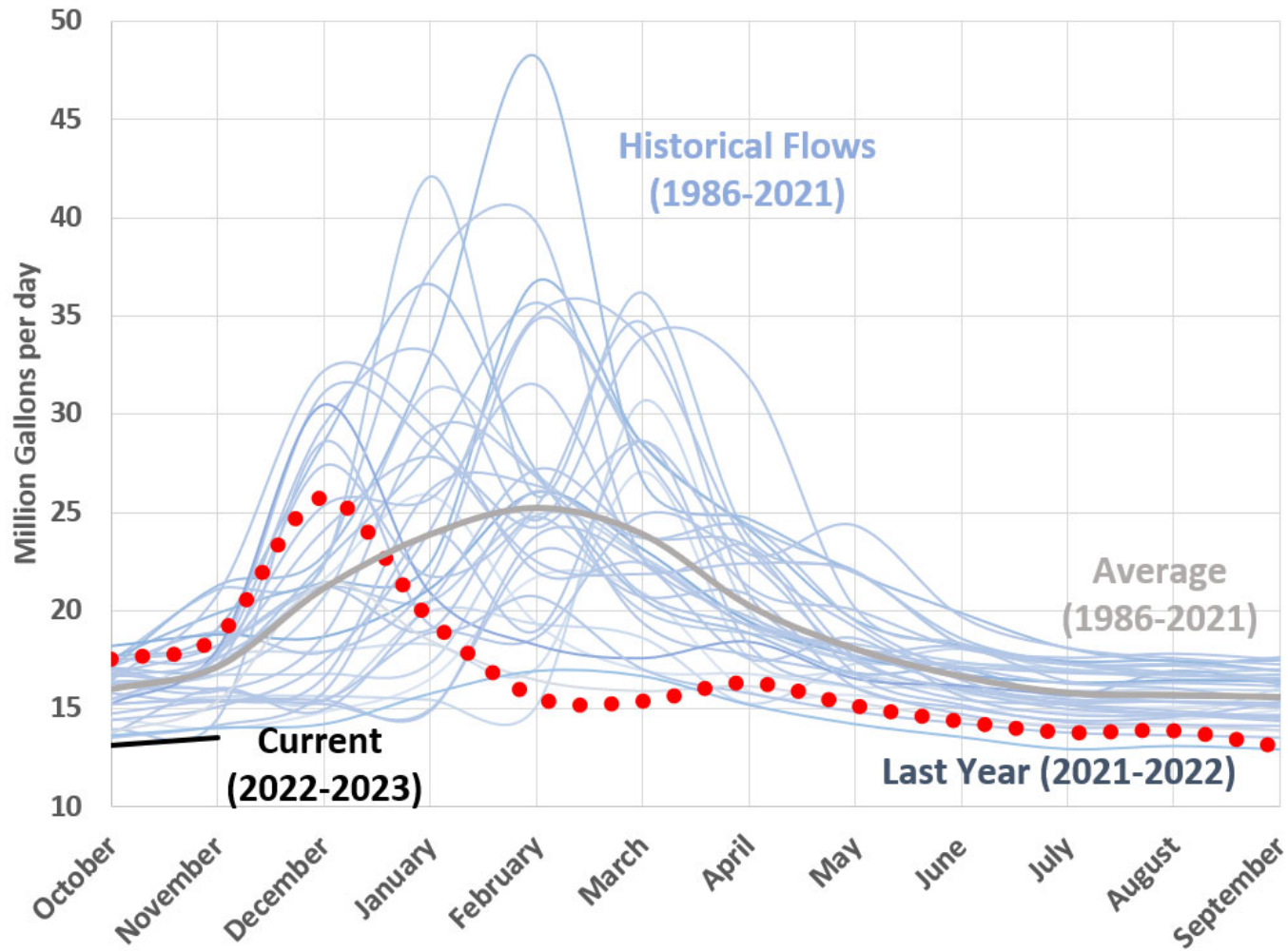
Rohnert Park Pump Station – Filters



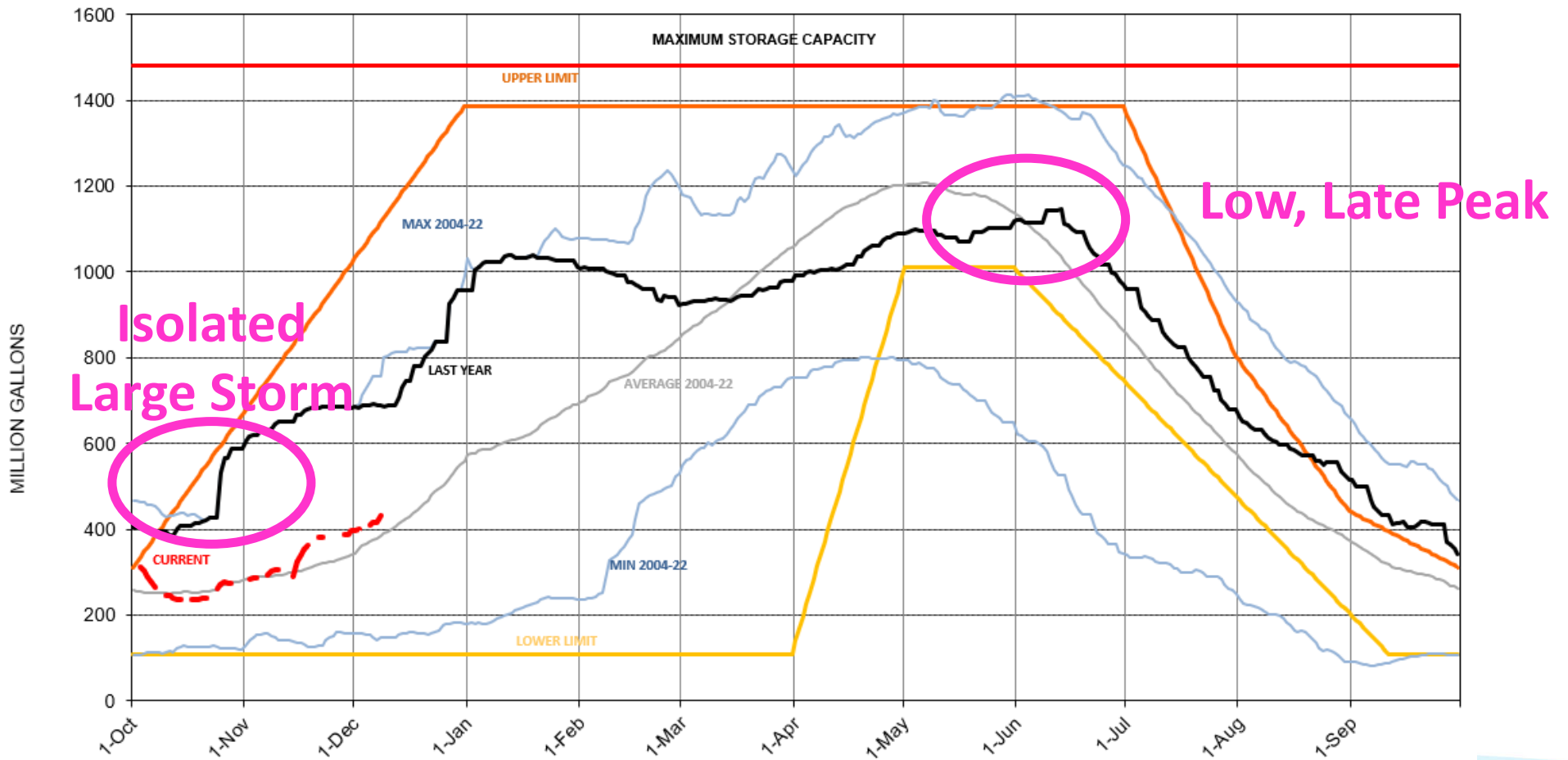
Rohnert Park Pump Station – Filters



Recycled Water Production



Recycled Water Storage



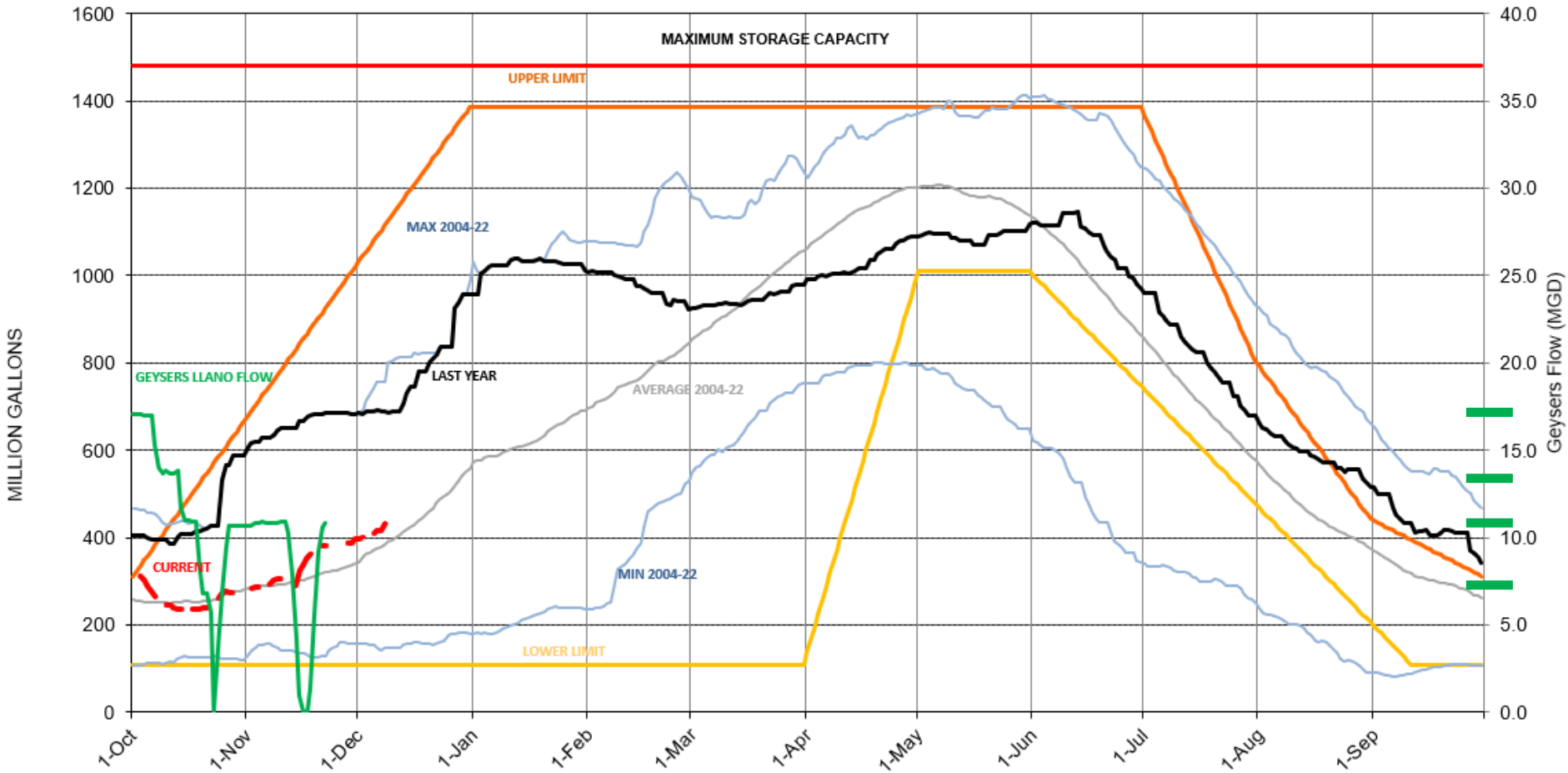
2022 Ag Irrigation Season Summary

- Overall a very good year, but weather was *very favorable.*
- Agricultural irrigation supply ended October 12
- Allotments were guaranteed through September 30
 - **89%** of bulk agricultural allotment used
 - 1.13BG of 1.27BG
 - Highest use – **112.7 MG**, but **74%** of allotment
 - Pasture, Vineyard, Vegetable irrigation customer
 - Lowest Use - Some small, hobby farms used **0%**.
 - **Larger Pasture Customer Usage: 66%, 95%, 106%, 135%,**

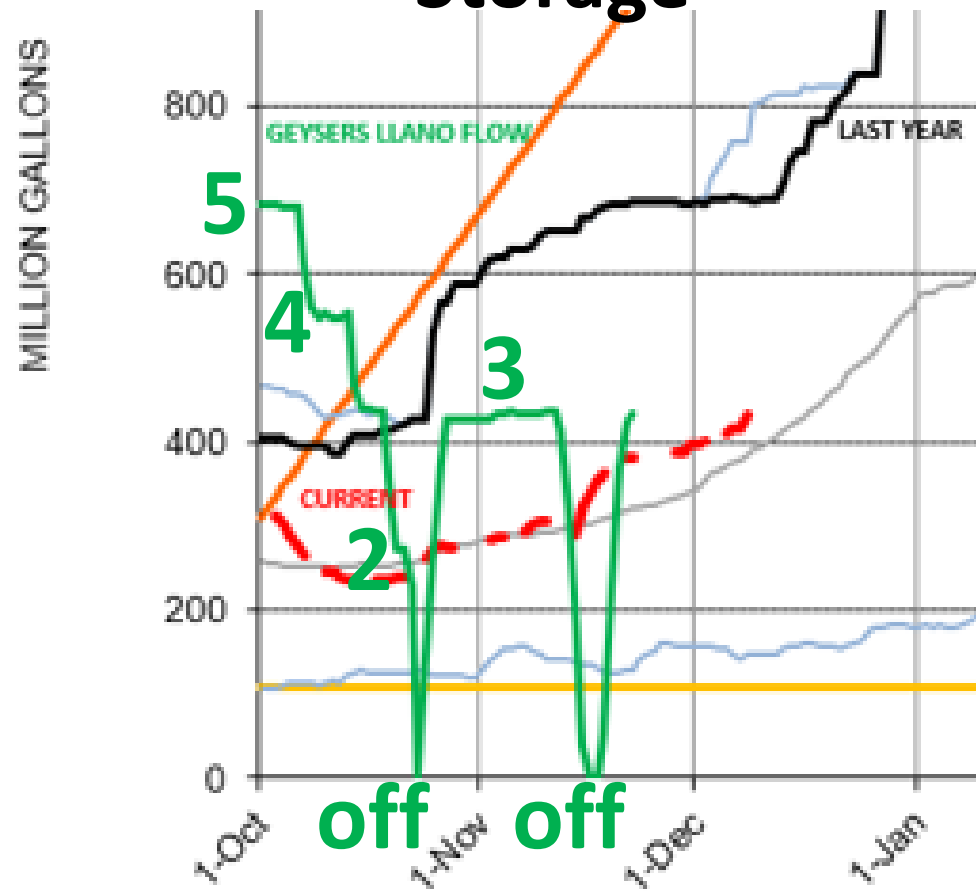
2022 Urban Irrigation and Geysers Summary

- Urban irrigation tapered past 10/12– weather dependent
 - Rohnert Park Usage as of 10/31 – 66% (297 MG) of 450 MG allotment
 - Santa Rosa usage – data pending
- 2022 Geysers contract projection: 90% (+) of target, minimum contract compliance
 - Will comply by 12/31 with 4 of 5 pumps running
 - Associated end of year storage will be ~ average

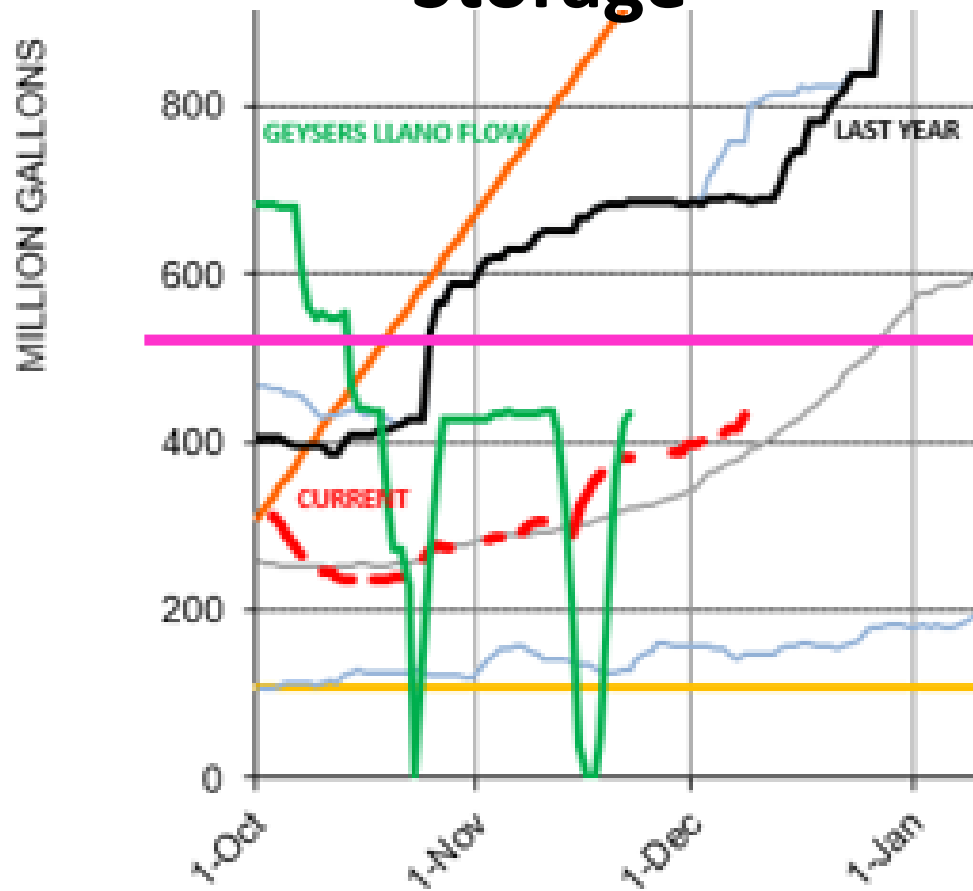
Recycled Water Storage w/Geysers Flow



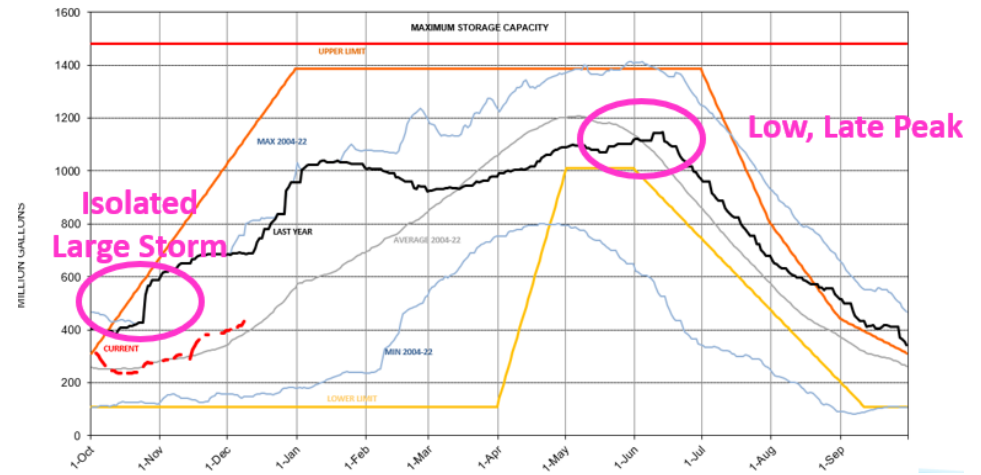
Geysers Storage Influence on Storage



Geysers Storage Influence on Storage



Plant ADWF
13.1MGD



Questions?