



# Recycled Water Program Update

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Pleasanton - DSRSD Liaison Committee Meeting  
March 25, 2024



**Dublin San Ramon  
Services District**  
*Water, wastewater, recycled water*



# RECYCLED WATER PARTNERSHIP

**1995**

DERWA JPA formed between Dublin San Ramon Services District (DSRSD) and East Bay Municipal Utility District (EBMUD)

**2003**

DERWA Supply & Sales Agreements set terms for implementation of DERWA Program

**2006**

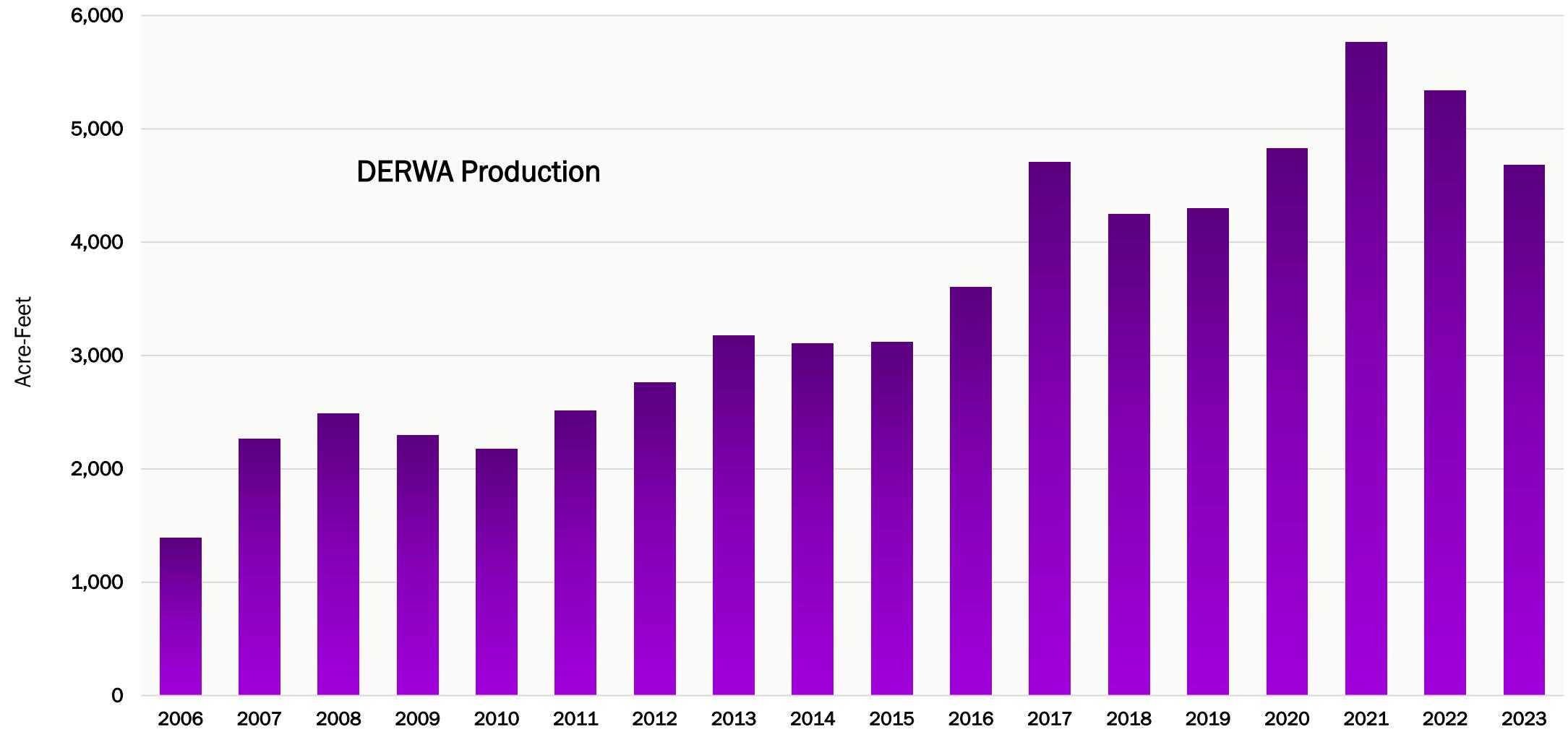
San Ramon Valley Recycled Water Program deliveries began

**2014**

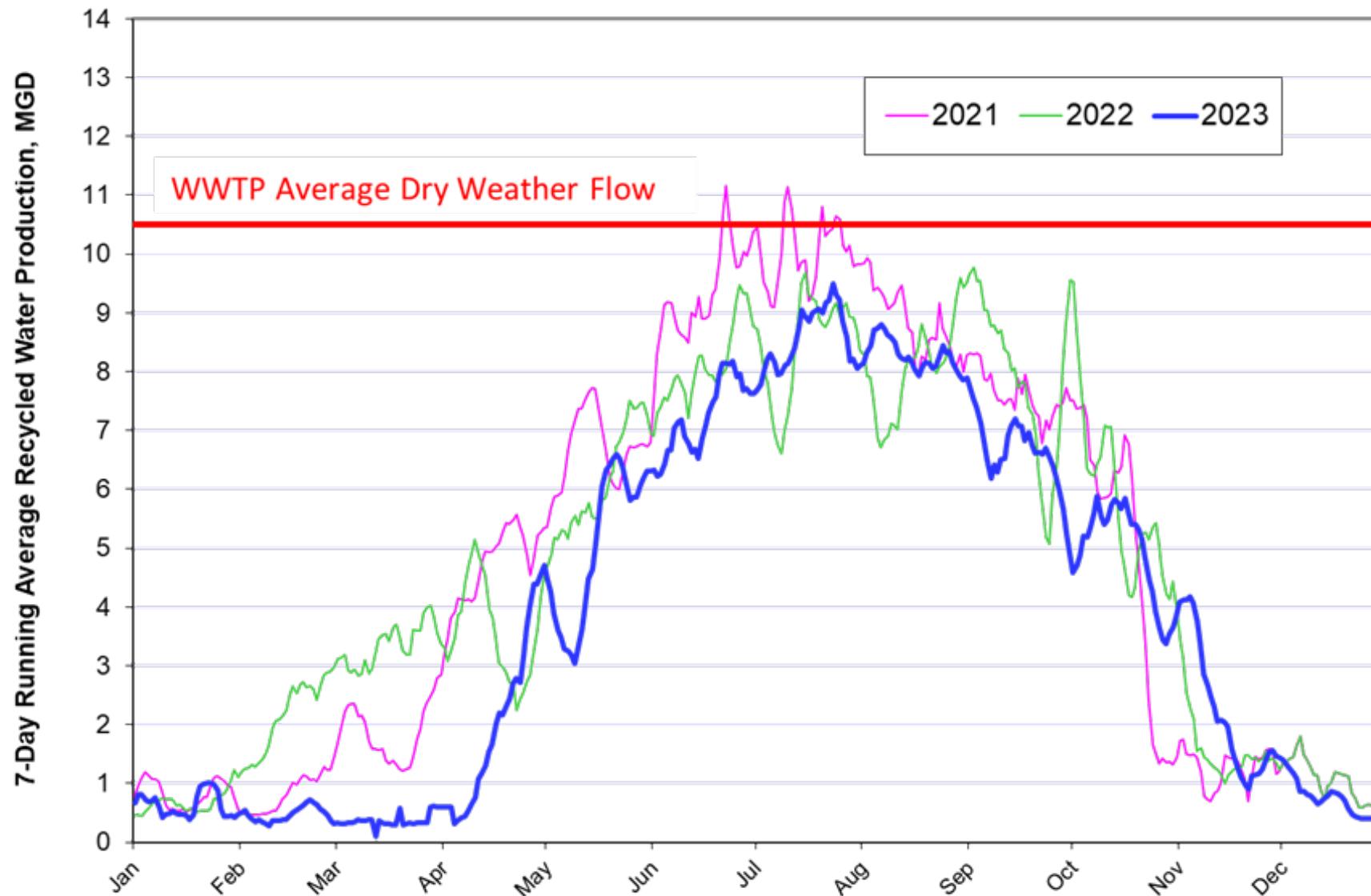
Pleasanton becomes the third agency to receive water from DERWA



# Growth in Recycled Water Program



# DERWA Recycled Water Production

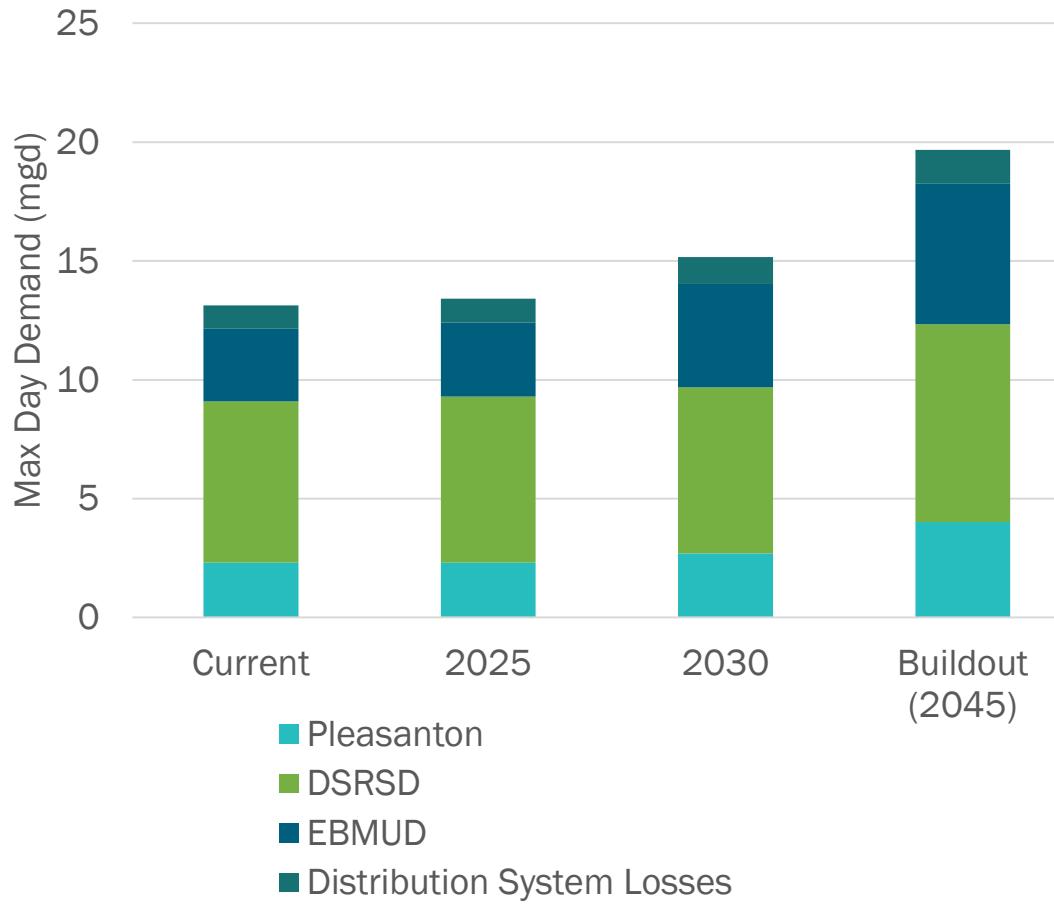




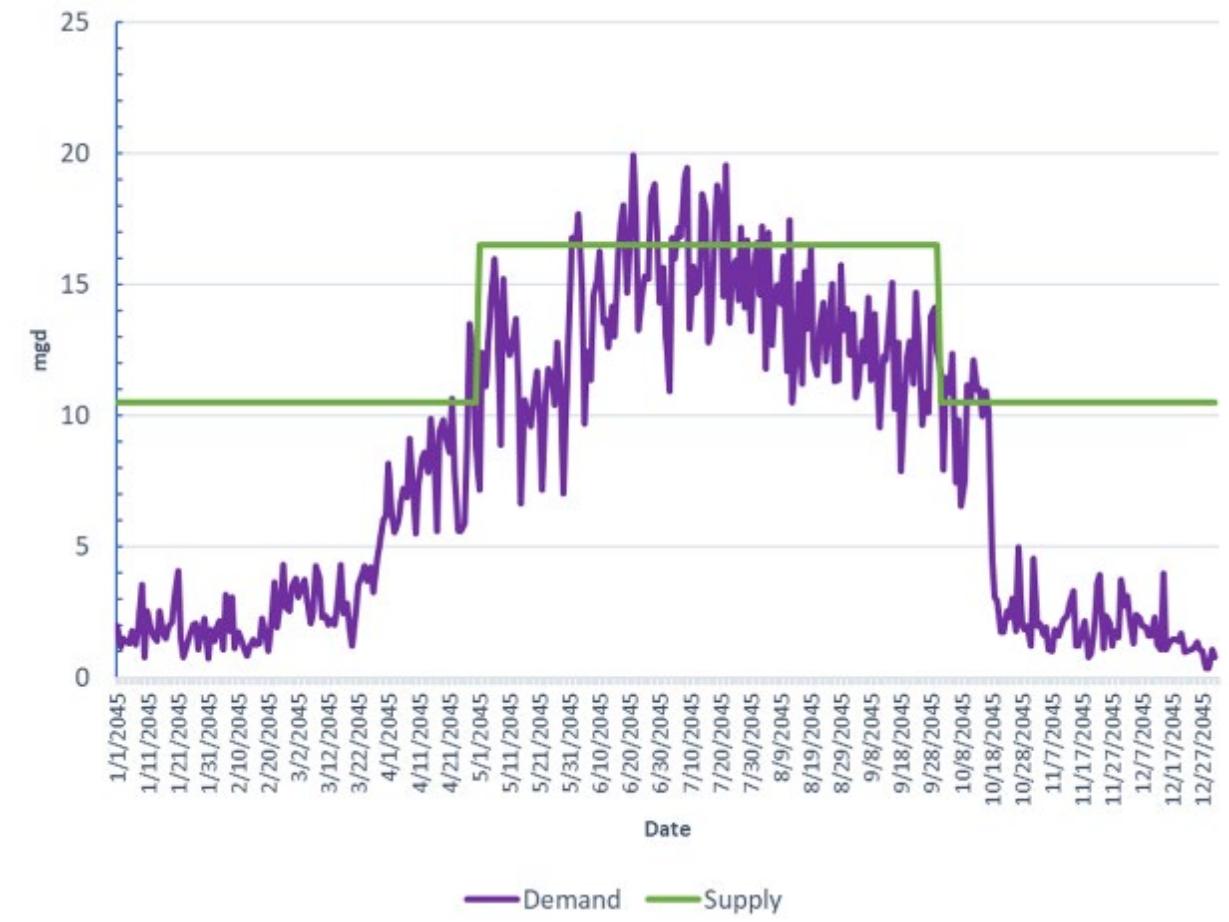
# DERWA SUPPLY AND OPERATIONS PLAN UPDATE

# Demand and Supply Summary

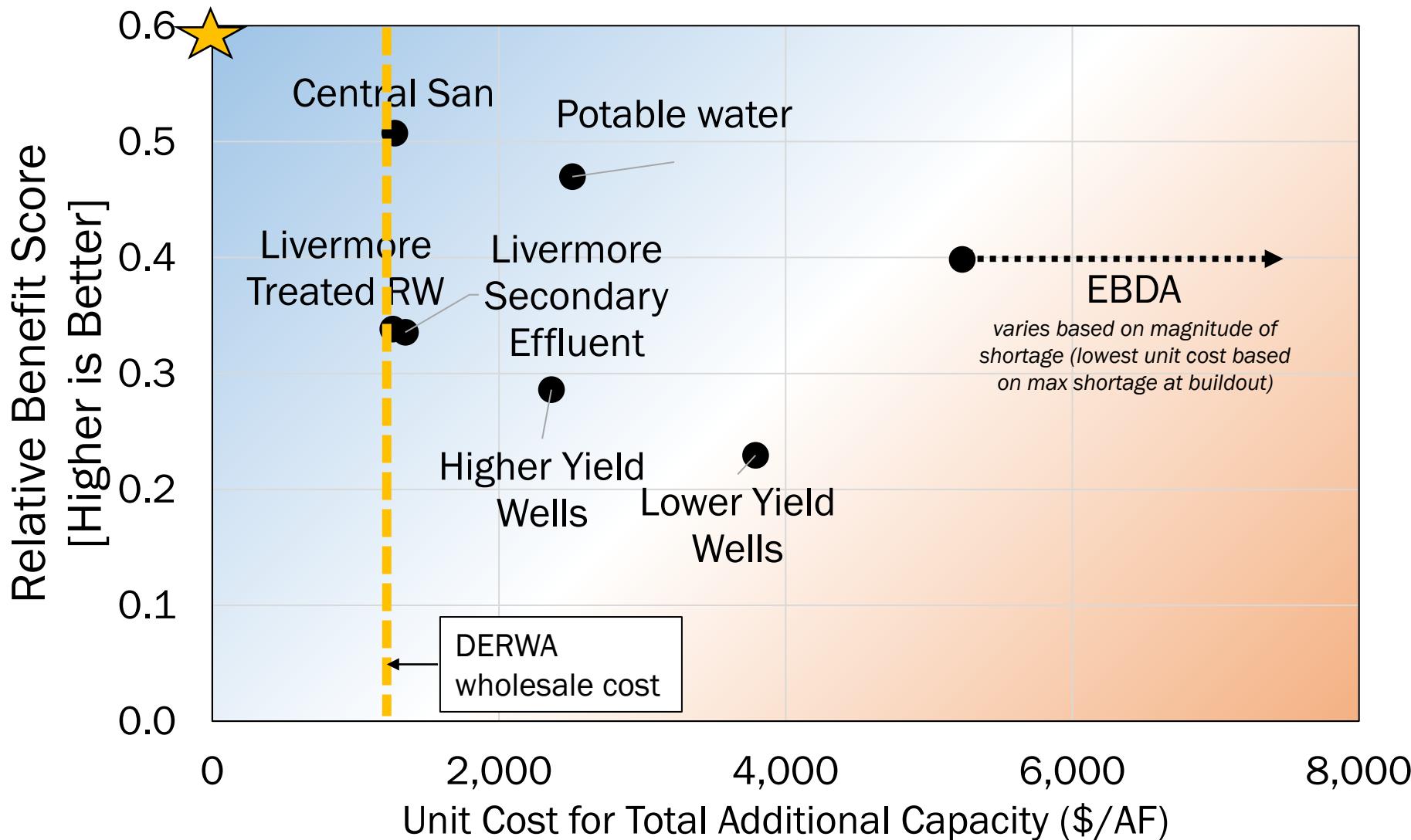
Total DERWA Demand, Max Day (mgd)



Up to 6 mgd Supplemental Supply at Buildout



# Benefits and Costs of Supply Alternatives



# Study Results and Recommendations

- ▶ A combination of demand management, wastewater from neighboring agencies, and backup potable water are the most feasible options
- ▶ Groundwater remains an option
  - Preference for higher yield wells, with lower yield wells as backup





# REGULATORY UPDATES

# Proposed Nutrient Regulations

NATURE AND THE CITY

## Worried about the fish-killing red tide returning to Lake Merritt? Here's a way to help

State wildlife officials want the public's observations of marine creatures during the harmful algae bloom.

by Darwin BondGraham  
Aug. 3, 2023, 12:00 p.m.



Dead fish piled up along the eastern shore of Lake Merritt on Aug.



San Francisco Chronicle

Home

e-Edition

Account

CLIMATE

Poop and pee fueled the huge algae bloom in San Francisco Bay. Fixing the problem could cost \$14 billion



Neal Bergner/Special to The Chronicle

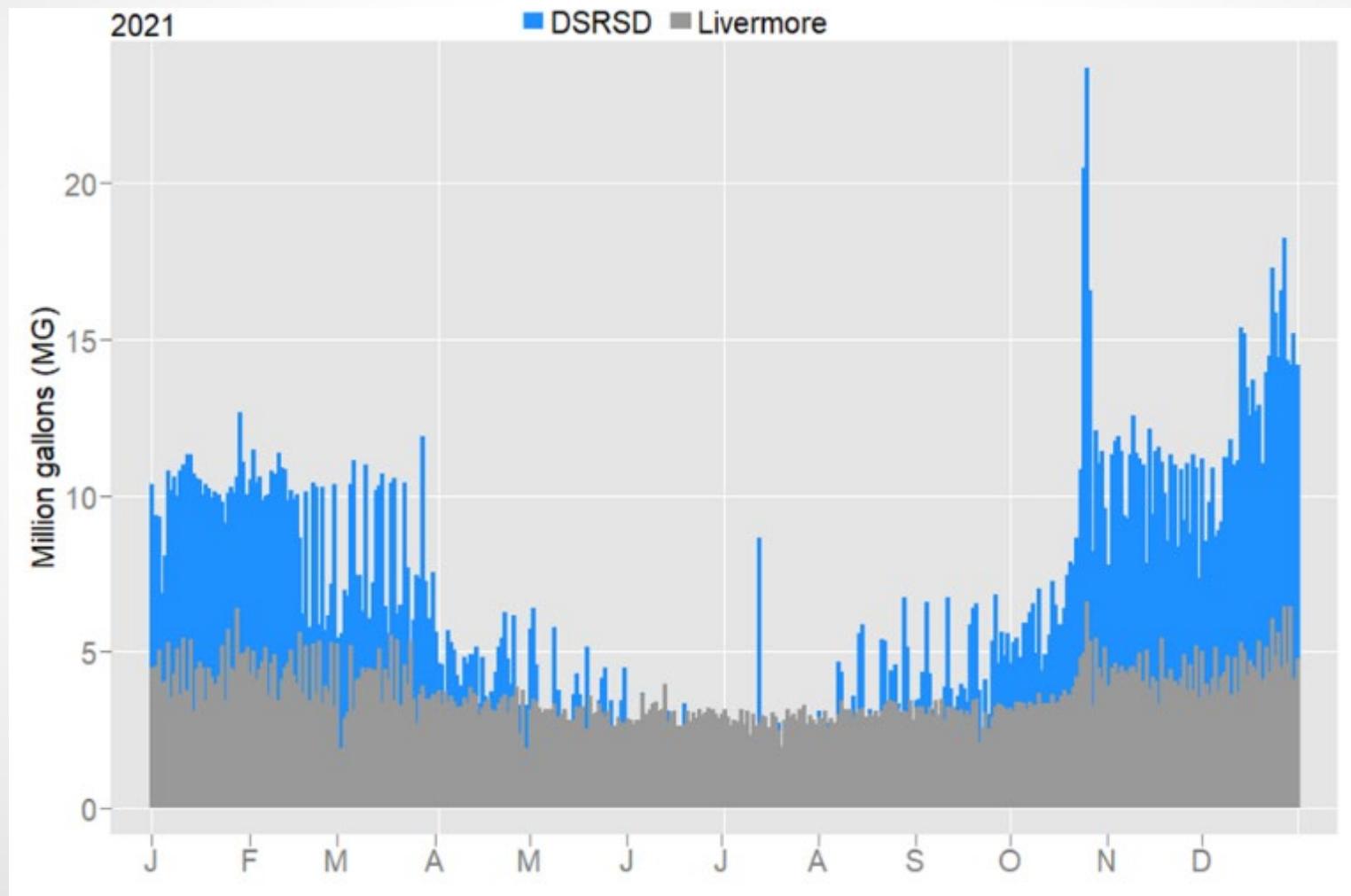


TARA DUGGAN

Sep. 5, 2023 | Updated: Sep. 5, 2023 4:10 p.m.



# 2021 LAVWMA Wastewater Discharges



# Nutrient Permit Schedule

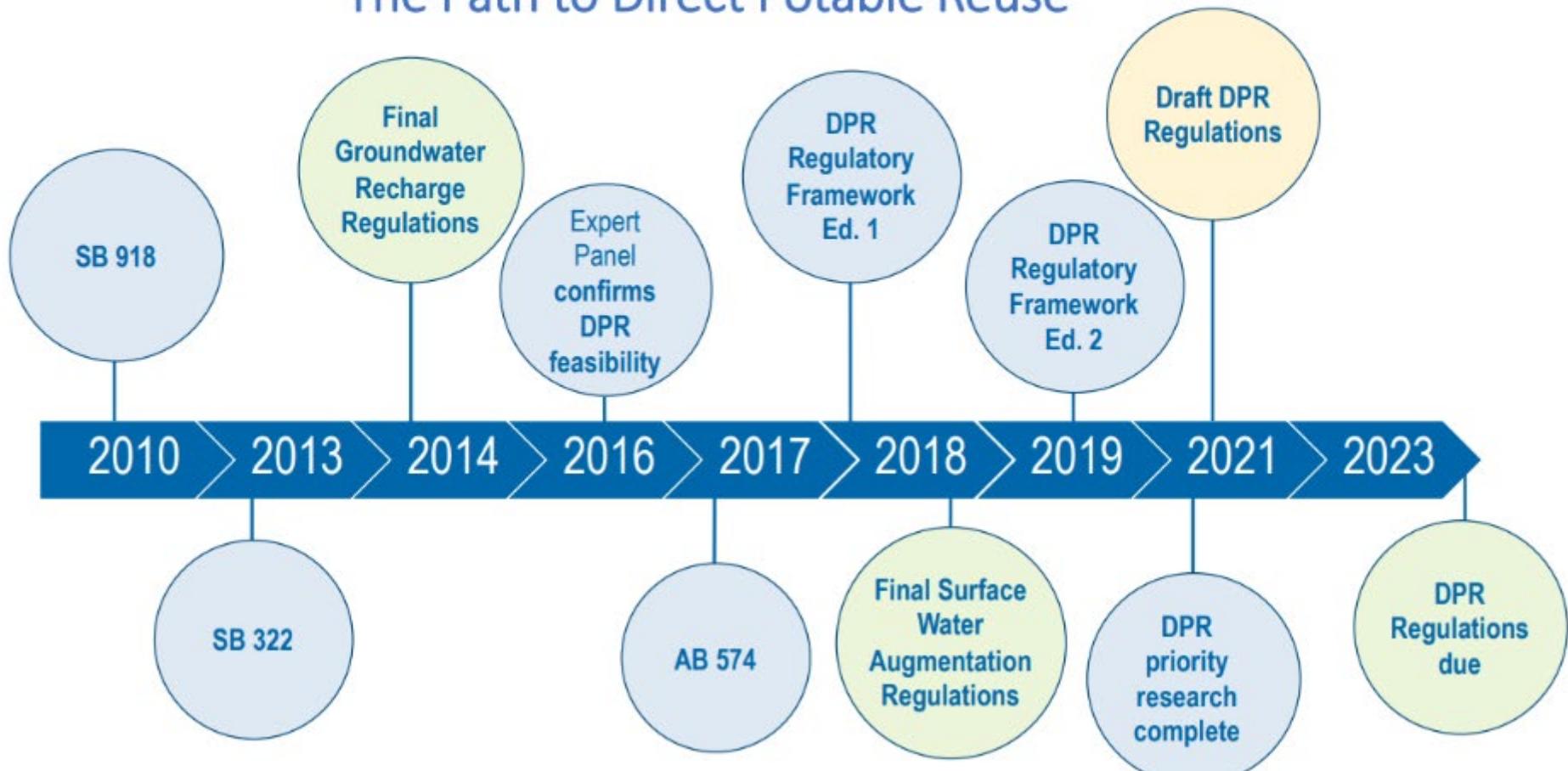
- ▶ Administrative Draft February 2024
  - DSRSD worked collaboratively with other Bay Area agencies to submit comments
  - Provide flexibility to support multi-benefit recycled water programs
- ▶ Tentative Order March 2024
- ▶ Adoption June 2024



# Direct Potable Reuse (DPR) Regulations



## The Path to Direct Potable Reuse



The background of the slide features a dynamic, abstract geometric pattern on the left side. It consists of numerous small, 3D-like rectangular blocks arranged in a grid-like fashion. These blocks are rendered in a variety of colors, including shades of blue, green, purple, pink, and yellow. The pattern is tilted at an angle, creating a sense of depth and motion. The right side of the slide is a plain, light gray color, providing a clean contrast to the colorful background.

Questions?