



Recycled Water Program Update

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

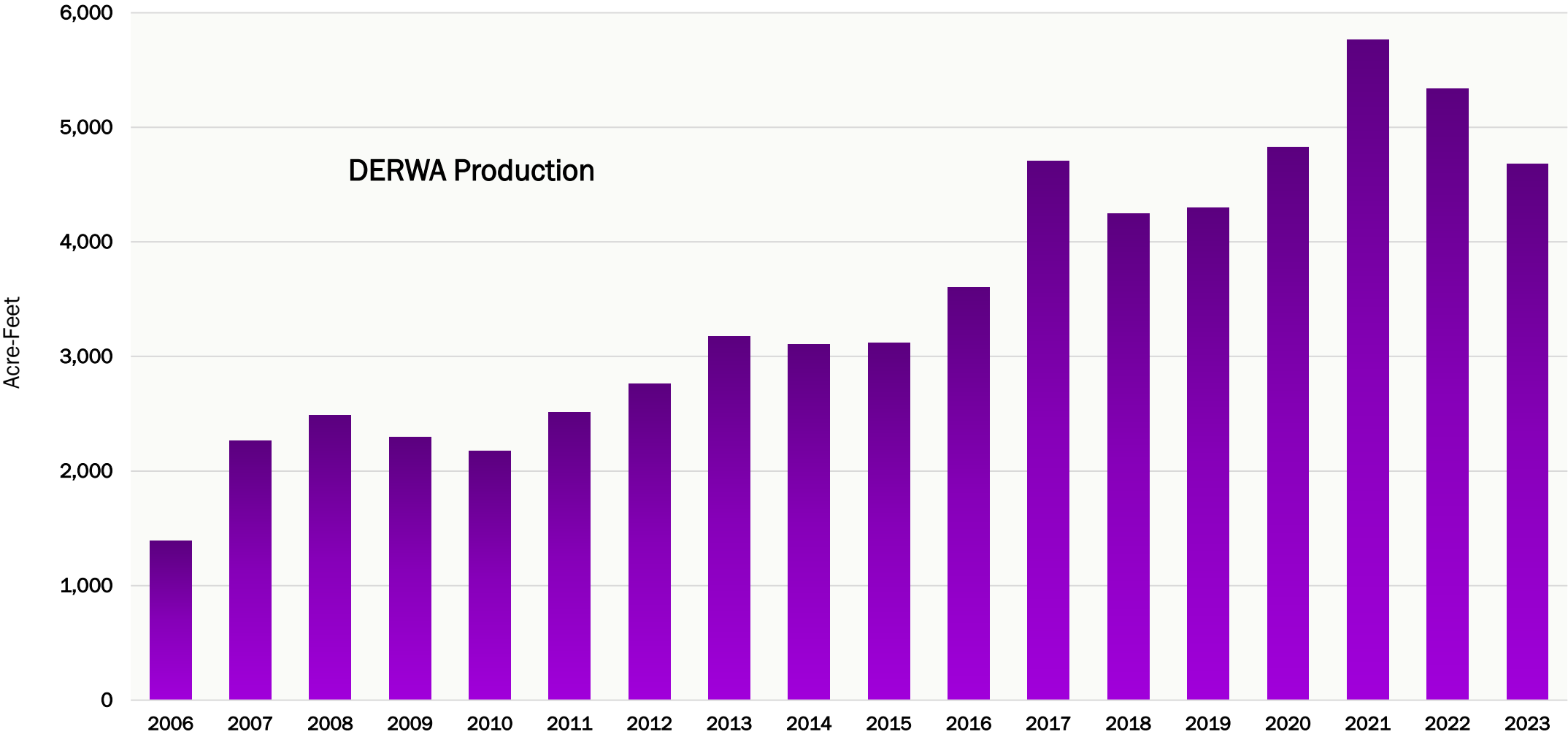
2006

San Ramon Valley Recycled Water Program deliveries began

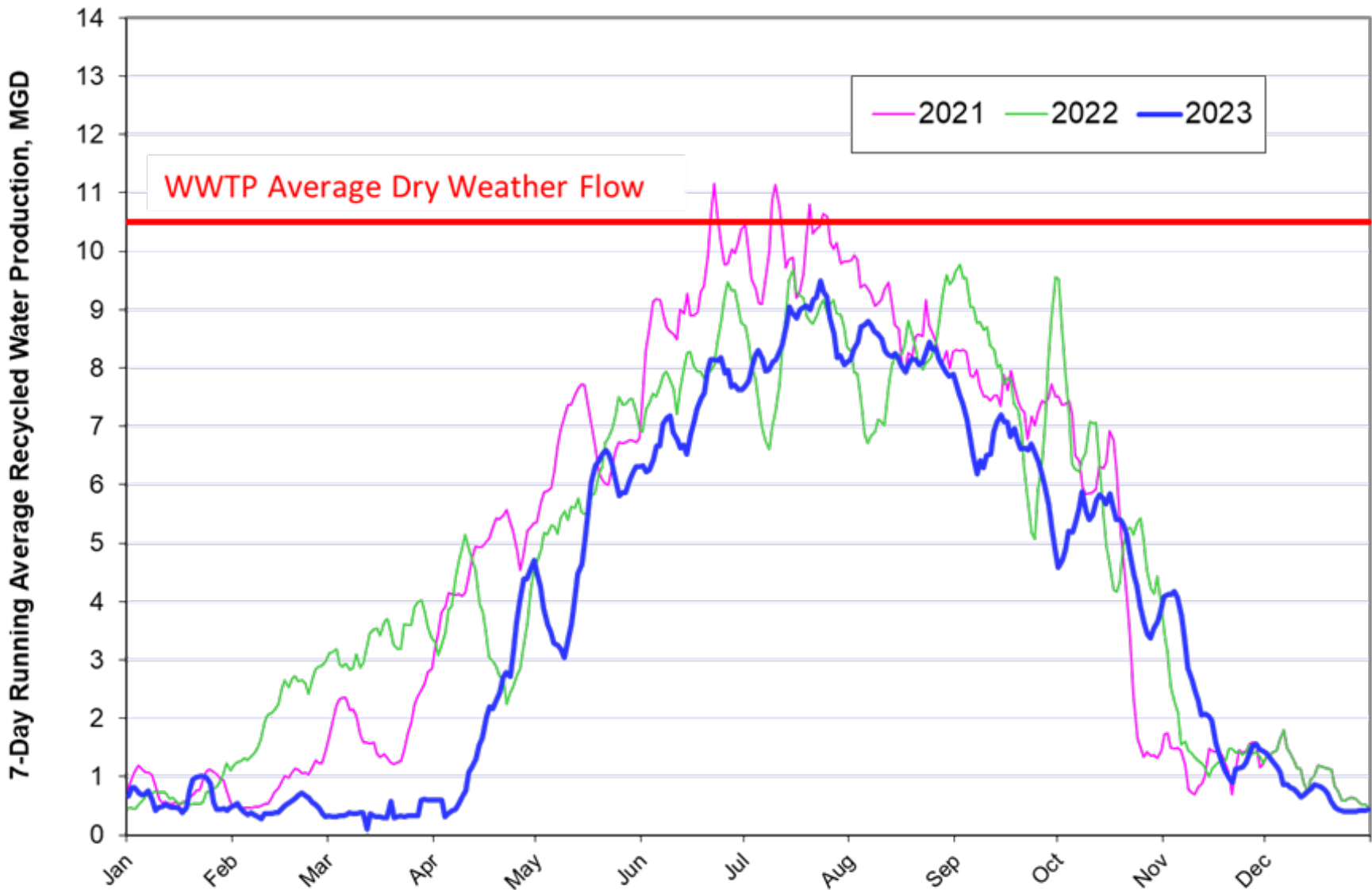
2014

Pleasanton becomes the third agency to receive water from DERWA

Growth in Recycled Water Program



DERWA Recycled Water Production

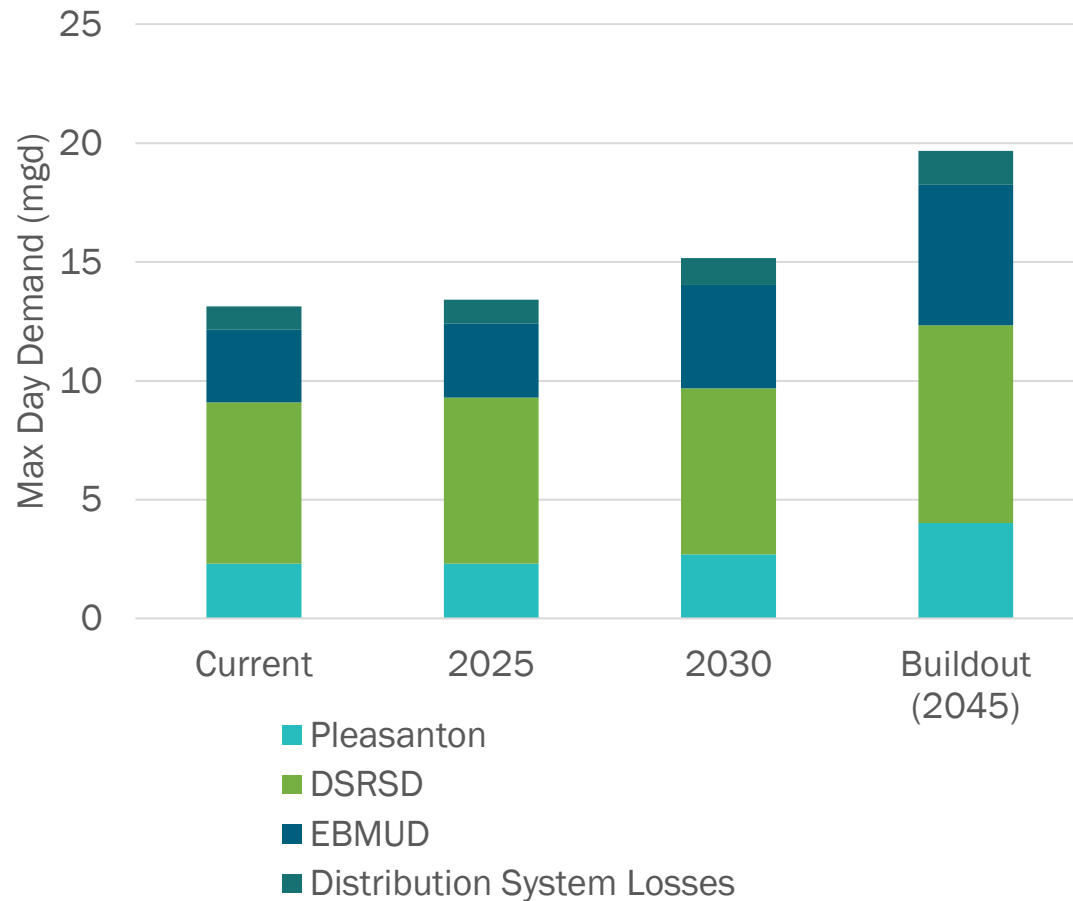




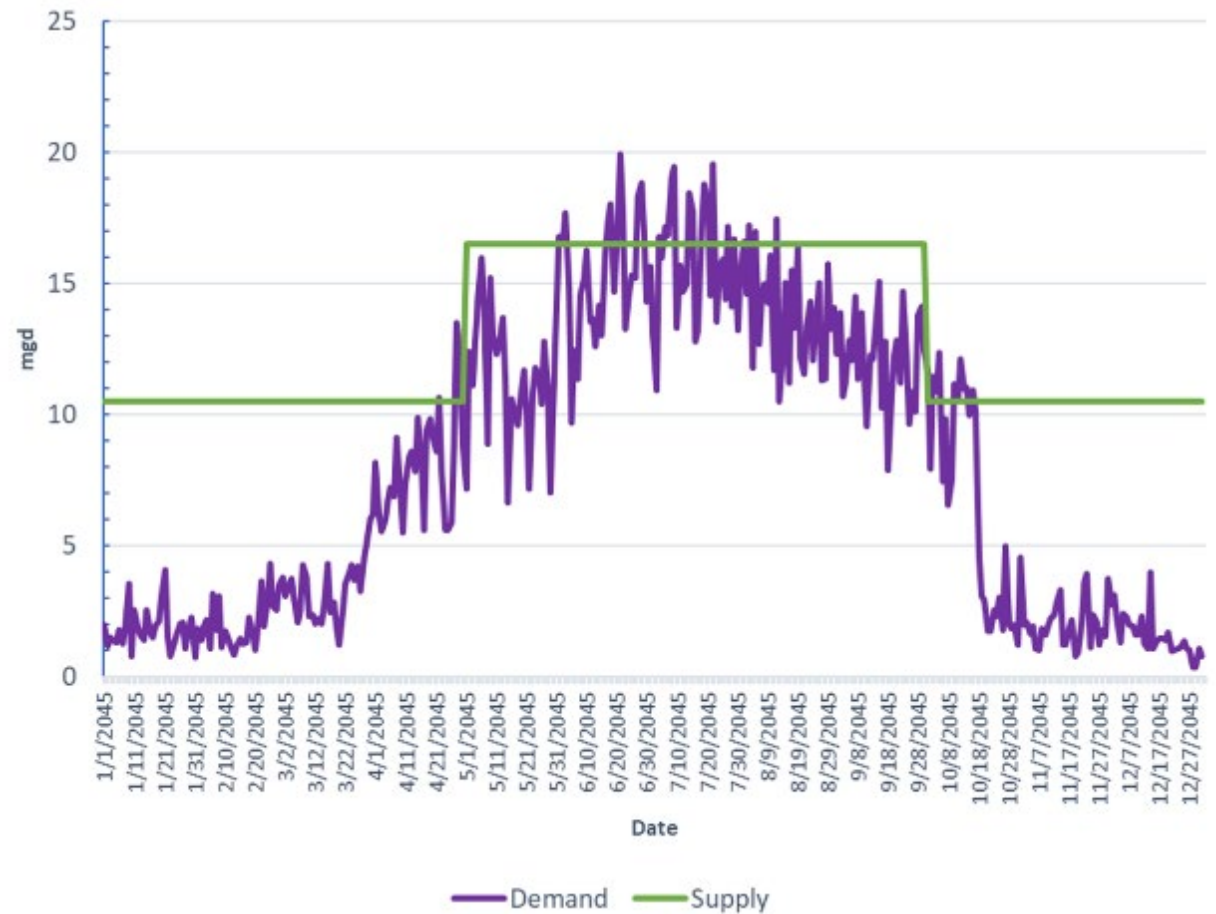
DERWA SUPPLY AND OPERATIONS PLAN UPDATE

Demand and Supply Summary

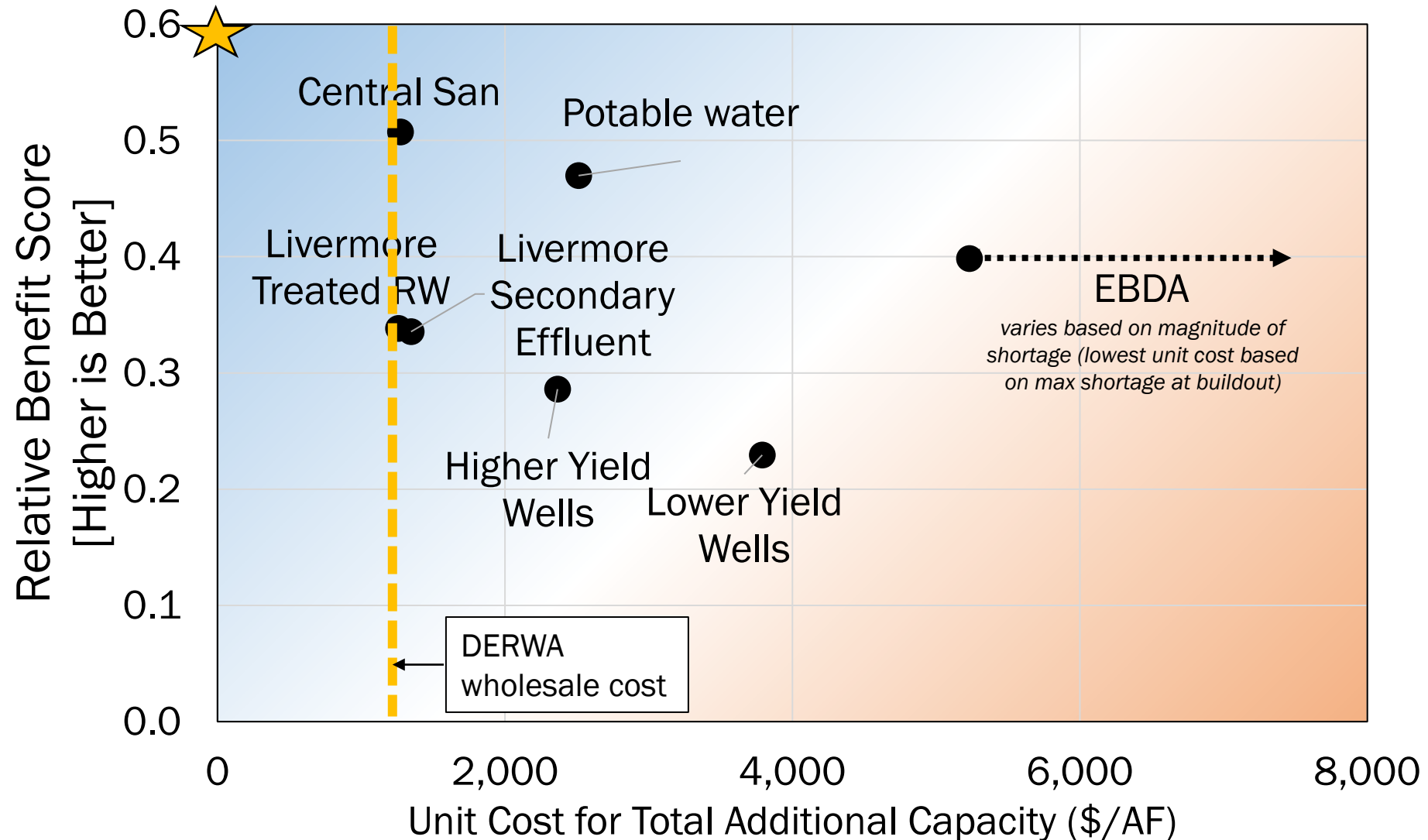
Total DERWA Demand, Max Day (mgd)



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 back-up potable water are the most feasible options
- ▶ Groundwater remains an option
 - Preference for higher yield wells, with lower yield wells as backup



A wide-angle photograph of a city skyline, likely San Francisco, viewed from across a body of water. The city is built on a hillside, with numerous buildings of varying heights and colors. The water in the foreground is dark blue with small waves. The sky is light blue with some white clouds. The text 'REGULATORY UPDATES' is overlaid in white, bold, sans-serif capital letters in the lower-left quadrant of the image.

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.

Home

San Francisco Chronicle

edition Account

CLIMATE

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



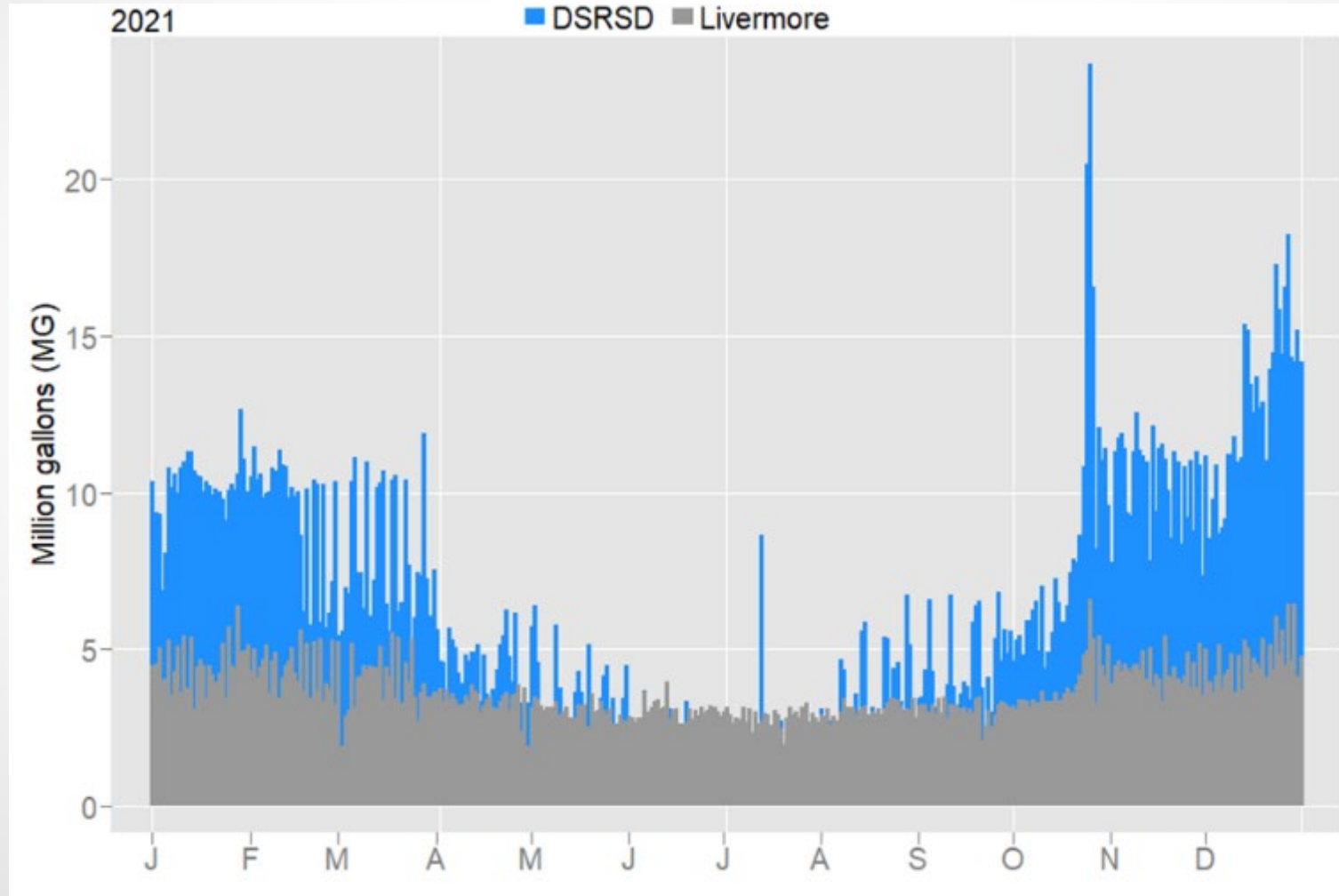
Sean Bergeson for the Chronicle



TARA DUGGAN Sep. 5, 2022 | Updated: Sep. 5, 2022 4:10 p.m.



2021 LAVWMA Wastewater Discharges



Nutrient Permit Schedule

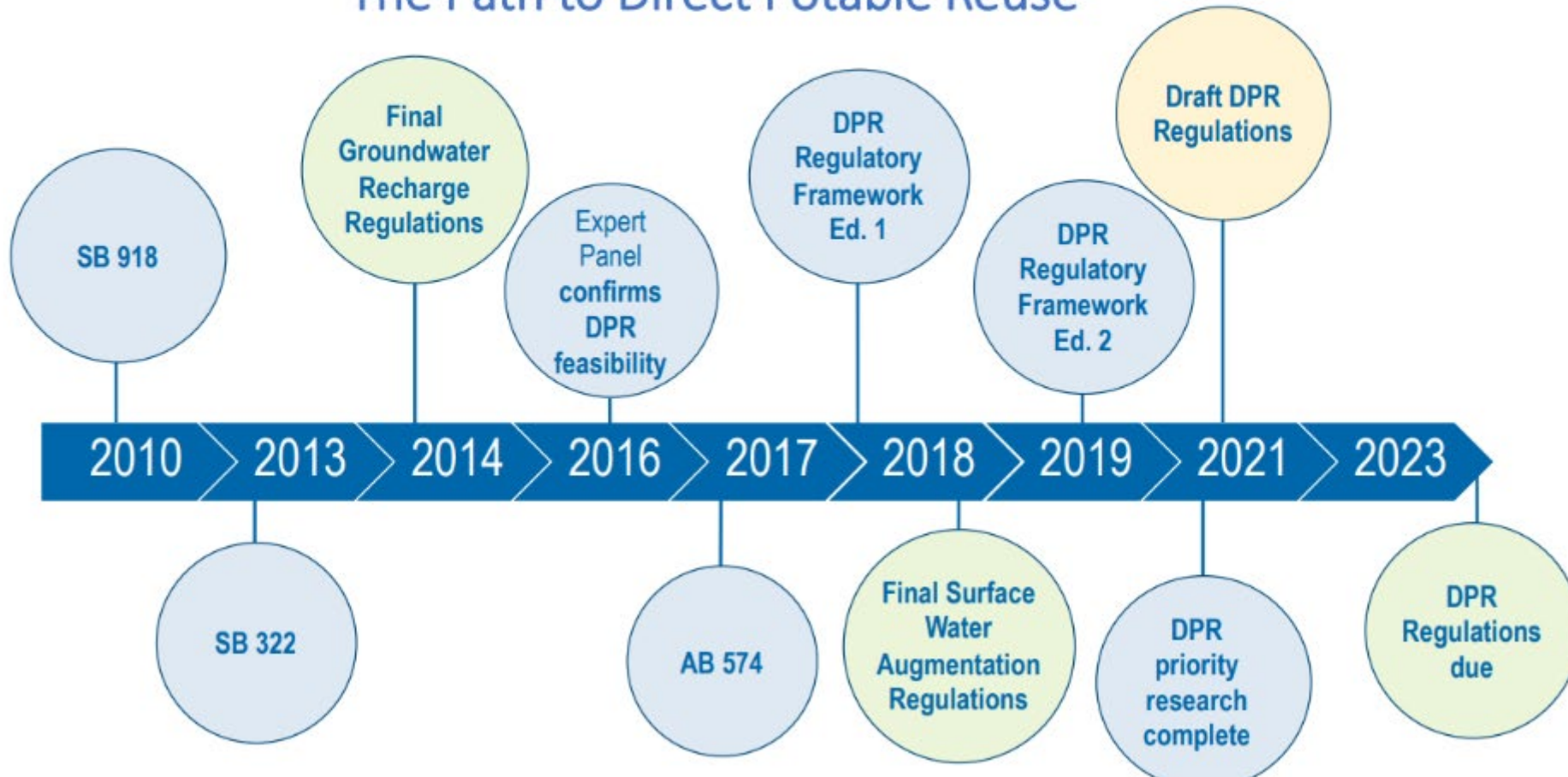
- ▶ Administrative Draft February 2024
 - DSRSD worked collaboratively with other Bay Area agencies to submit comments
 - Provide flexibility to support multi-benefit recycled water programs
- ▶ Tentative Order March 2024
- ▶ Adoption June 2024



Direct Potable Reuse (DPR) Regulations



The Path to Direct Potable Reuse





Questions?