

DSRSD Representatives

President Johnson  
Vice President Halket

Zone 7 Representatives

President Sanwong  
Director Ramirez Holmes  
Director Smith McDonald

Dublin Representatives

Mayor Hernandez  
Councilmember Hu  
Councilmember McCorriston

## AGENDA

**DUBLIN SAN RAMON SERVICES DISTRICT / ZONE 7 WATER AGENCY / CITY OF DUBLIN  
LIAISON COMMITTEE MEETING  
Virtual via Zoom**

**NO ACTION TO BE TAKEN**

**Monday, April 19, 2021  
4 p.m.**

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**Meeting Procedure During Coronavirus (COVID-19) Outbreak:**

In keeping with the guidelines provided by the State of California and Alameda County Department of Public Health regarding gatherings during the coronavirus (COVID-19) outbreak, and recommendations to follow social distancing procedures, the following practices are adopted for this meeting:

- The meeting will be held remotely via Zoom Video Communications:

<https://dublinca.zoom.us/j/81539246883?pwd=TmVFcm1Xa2UwbjhEeVp3ZjFtaFZodz09>

Passcode: rczFj1a

For audio only, you can join the meeting by telephone: (669) 900-9128

Webinar ID: 815 3924 6883

Passcode: 30013301

All attendees will be muted and be in listen-only mode.

- Individuals wanting to make public comment may email [city.clerk@dublin.ca.gov](mailto:city.clerk@dublin.ca.gov) starting at 1 p.m. on Monday, April 19, 2021. Please provide your name and the agenda item you would like to speak on. Written comments may be emailed by 4 p.m.
- When the agenda item upon which the individual would like to comment is addressed, the speaker will be announced in the meeting when it is his/her time to speak to the DSRSD/Zone 7 Water Agency/City of Dublin Liaison Committee. The speaker will then be unmuted for comment.

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1. Call to Order

2. Public Comment

*At this time, audience members are encouraged to address the Committee on any item of interest that is within the subject matter jurisdiction of the Committee and not already included on the agenda. Comments should not exceed five minutes.*

3. Approval of Minutes

4. Discussion Items

4.A. DSRSD Recycled Water Program Update

4.B. Tri-Valley Water Supply

5. Future Agenda Items
6. Adjournment

*This AGENDA is posted in accordance with Government Code Section 54954.2(a). If requested, pursuant to Government Code Section 54953.2, this agenda shall be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Section 12132), and the federal rules and regulations adopted in implementation thereof. To make a request for disability-related modification or accommodation, please contact the City Clerk's Office (925) 833-6650 at least 72 hours in advance of the meeting.*

# Recycled Water Update

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Liaison Committee Meeting  
April 19, 2021

Jan Lee  
Assistant General Manager



**Dublin San Ramon  
Services District**

*Water, wastewater, recycled water*

# Recycled water partnership

- ▶ San Ramon Valley Recycled Water Program - 2006
- ▶ A formal partnership between DSRSD and East Bay Municipal Utility District (EBMUD)





# Pleasanton joined in 2014

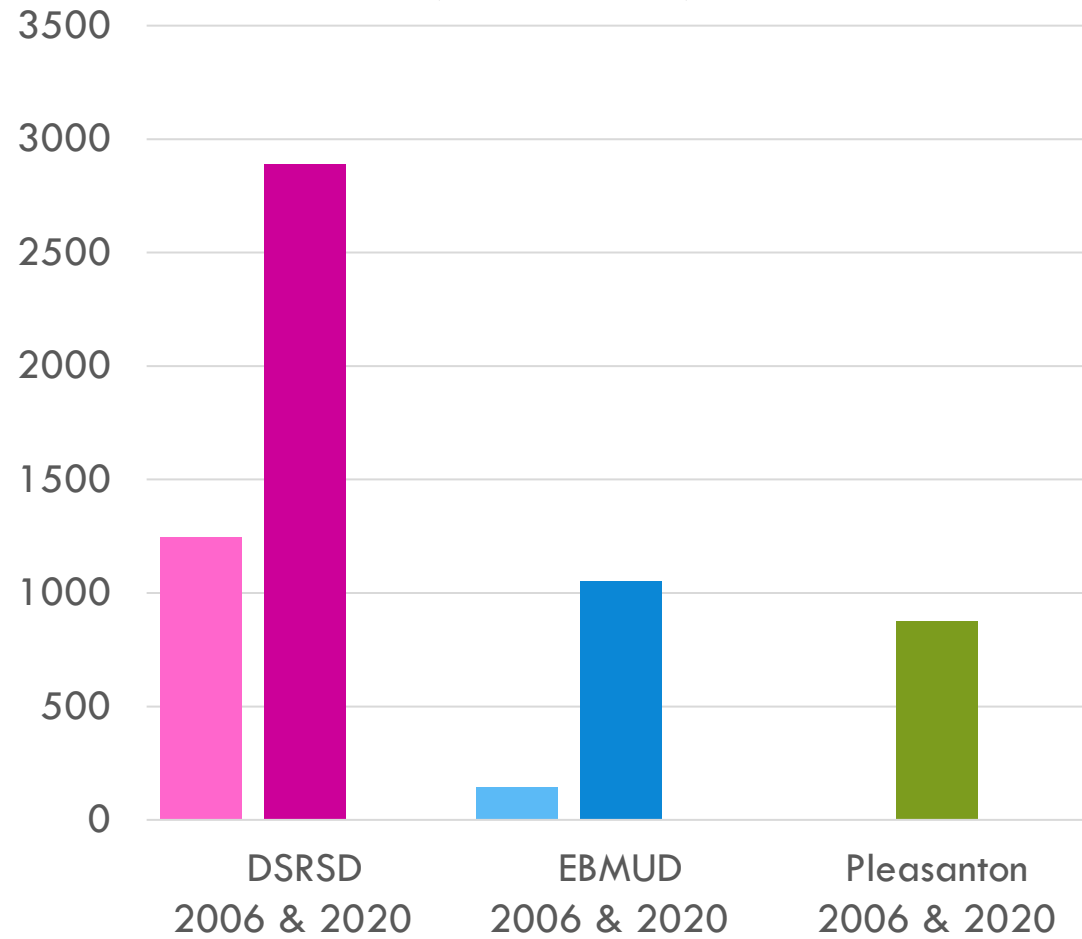
- Pleasanton is the third agency receiving water from the San Ramon Valley Recycled Water Program



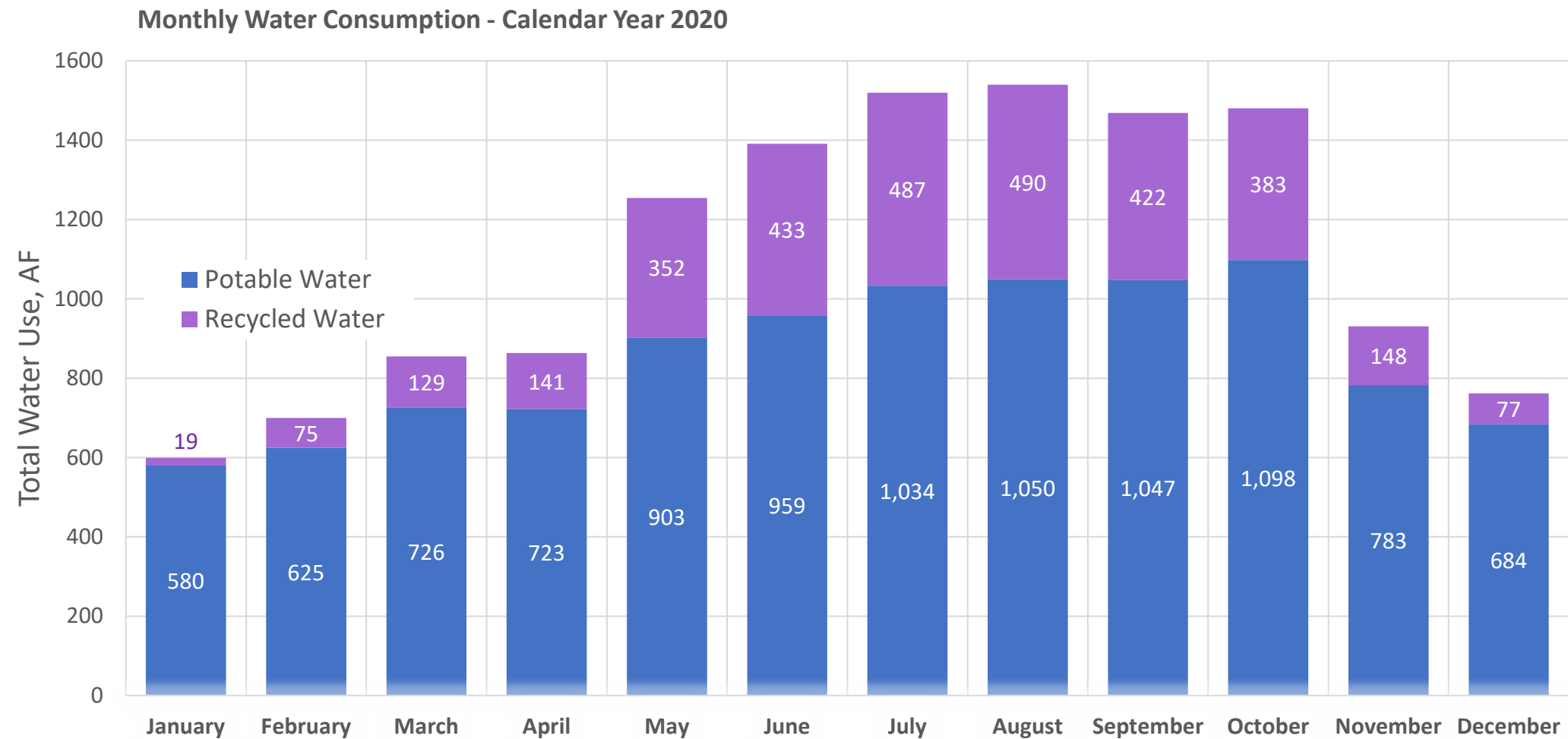


## Growth of Recycled Water Demand

(in Acre Feet)

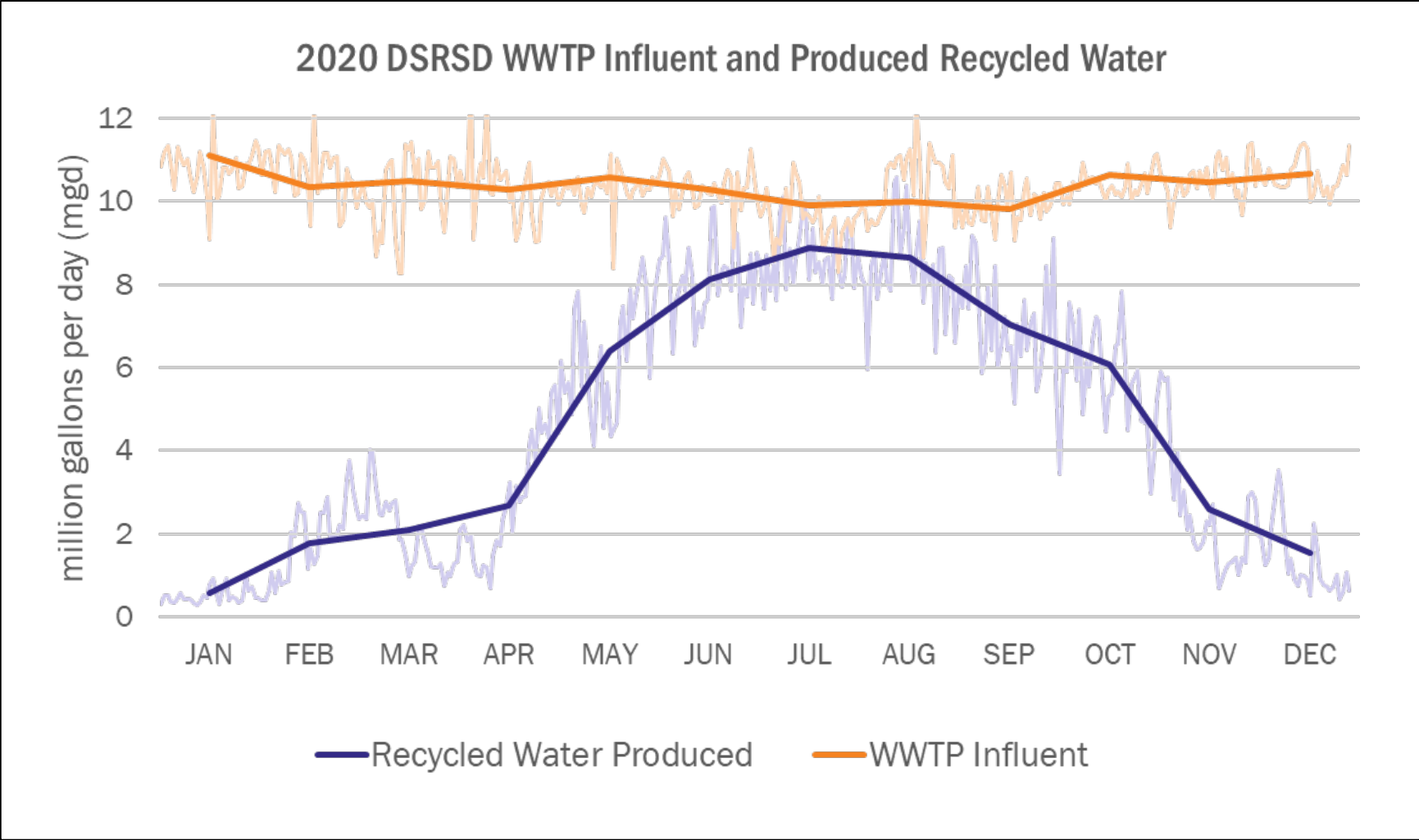


# Seasonal recycled water use





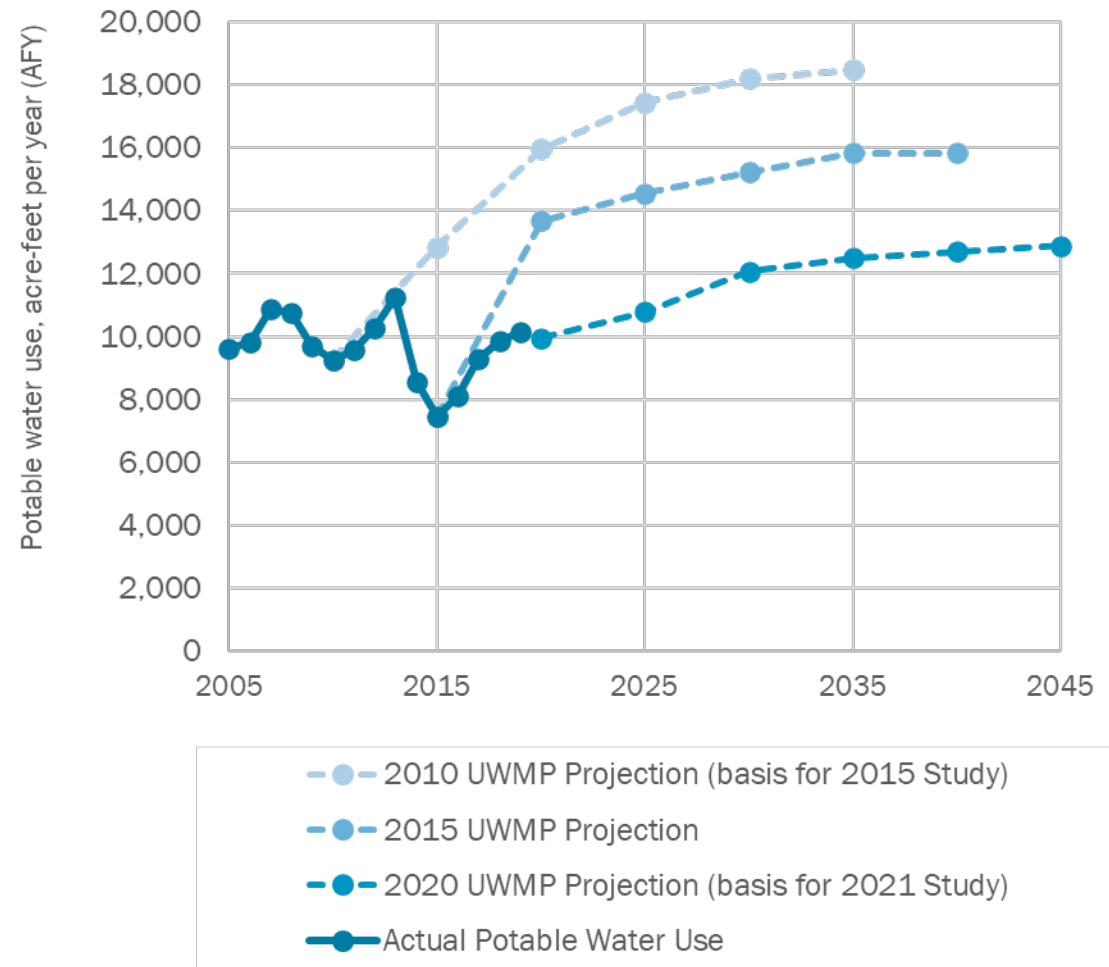
# Recycled water is limited by wastewater availability



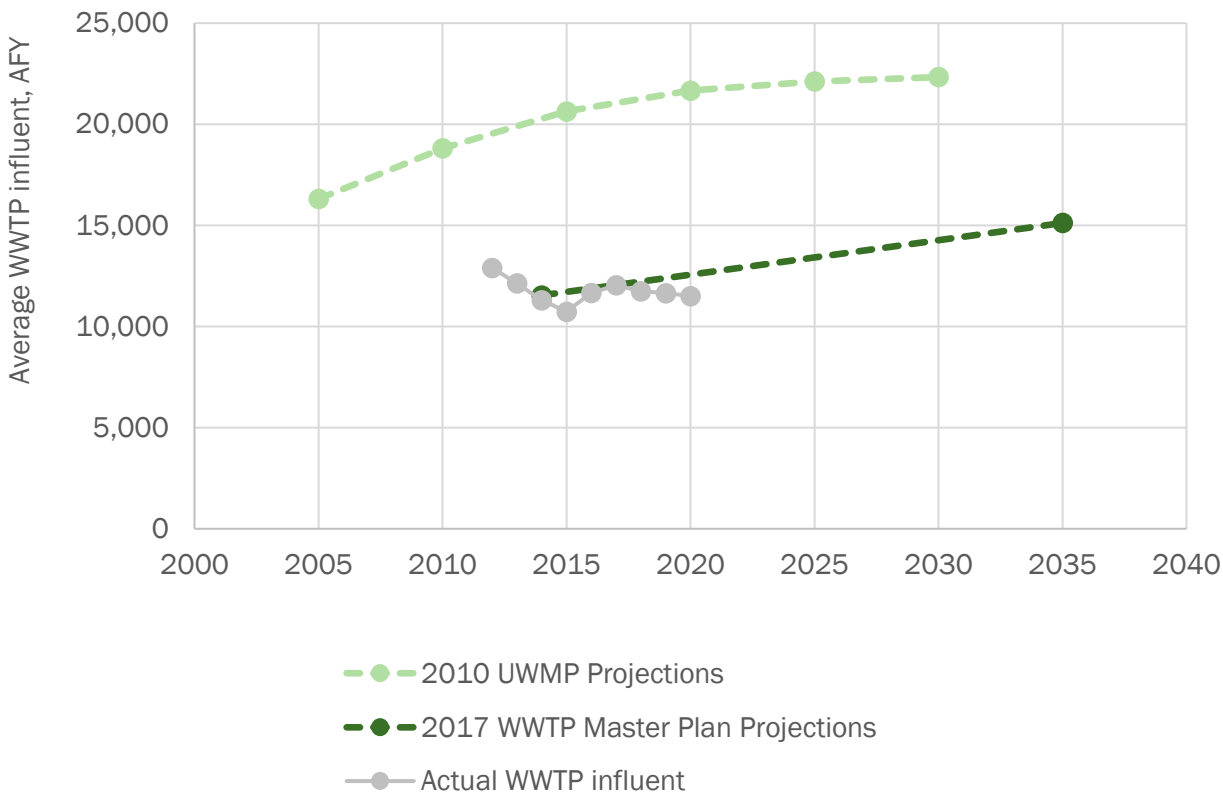


# Conservation has had a major effect on wastewater flows

DSRSD's potable water demand projections over time



DSRSD WWTP influent projections over time



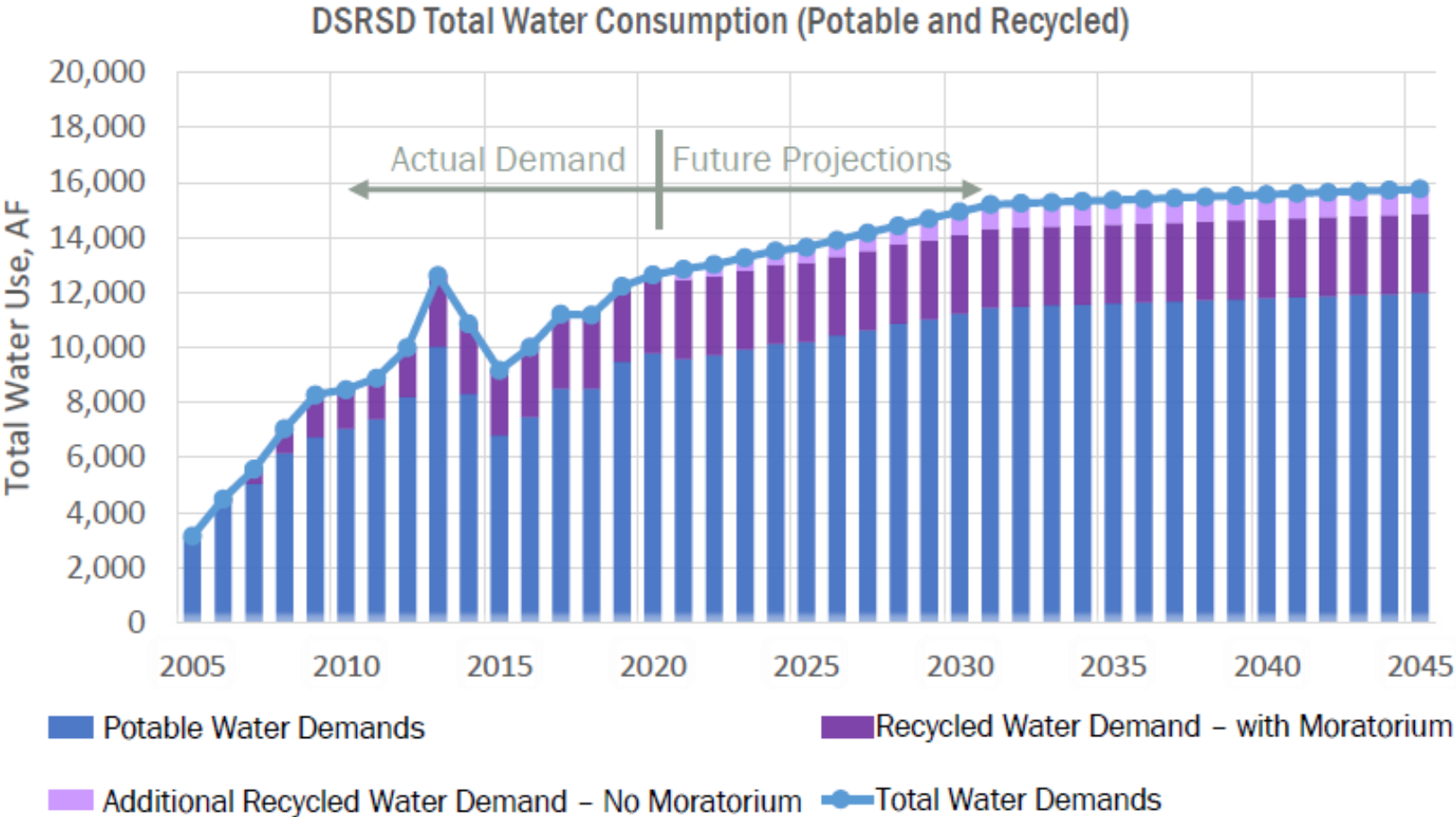
# DSRSD future demand for recycled and potable water

## Projected water demand in 2045

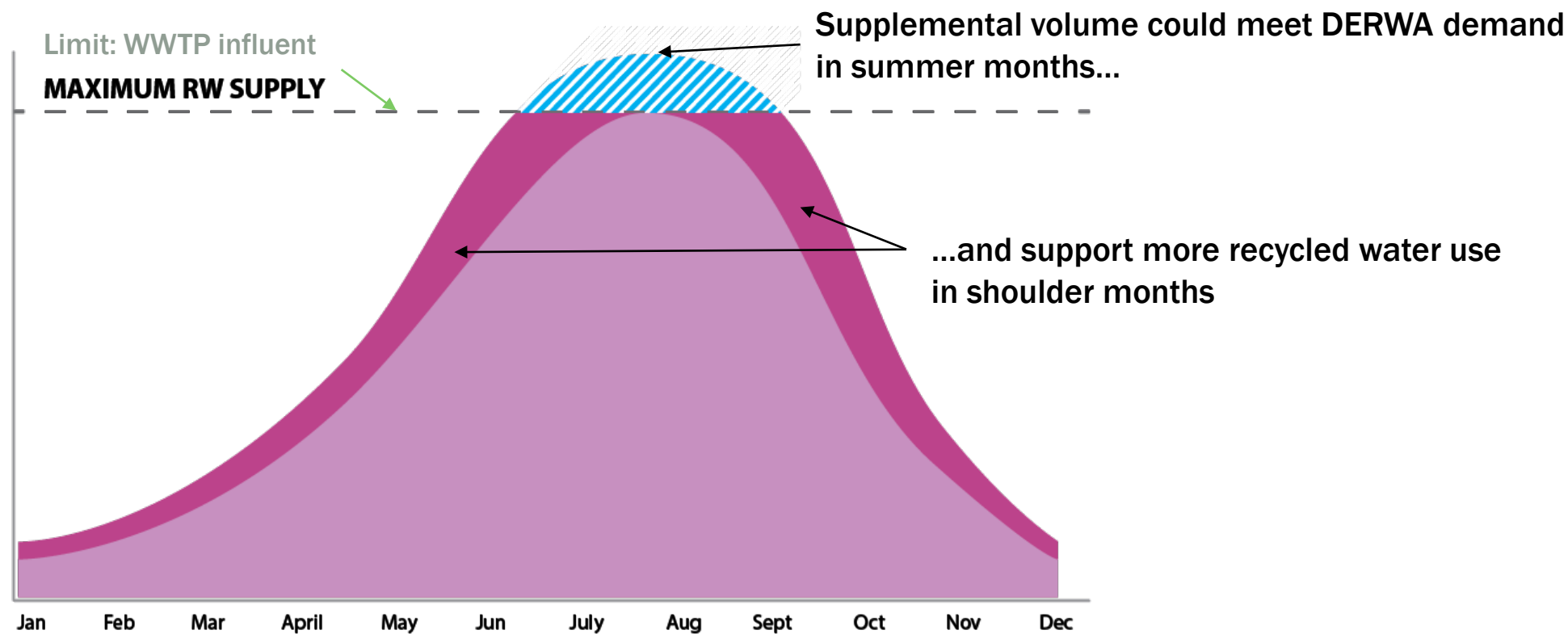
- Total: ~16,000 AFY
- Increase: ~2,900 AFY

## Recycled water

- Potential to offset ~30% of demand increase
- Contingent on wastewater availability



# Expanding recycled water increases potable supply reliability



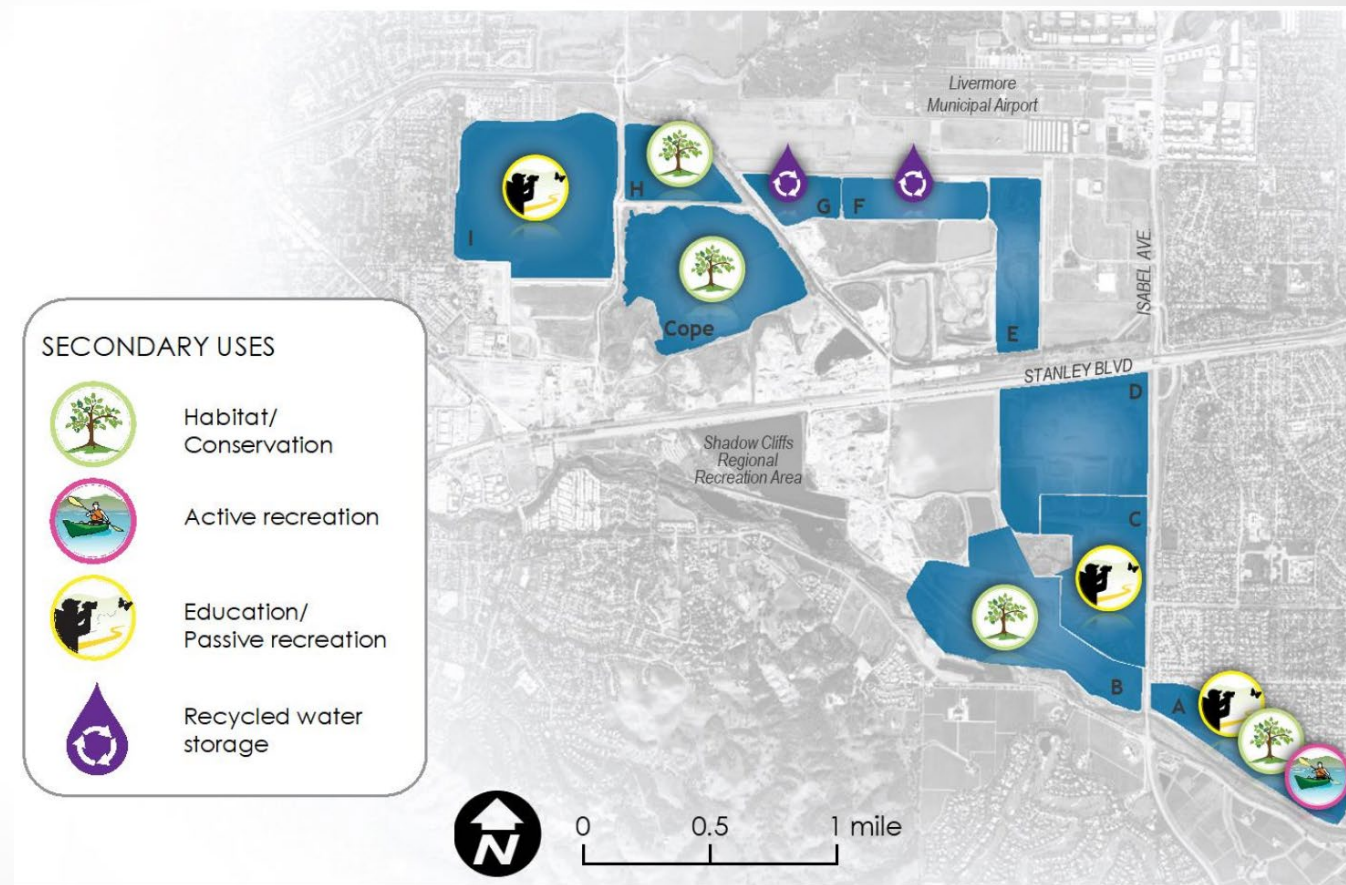
## Benefits

- Maximizes recycled water supply
- Leverages existing infrastructure
- Reduces peak potable demands
- Offsets the need for new supplemental potable supply



# Supplemental recycled water sources

- ▶ Seasonal storage
- ▶ Wastewater from a neighboring agency
- ▶ RO concentrate
- ▶ Groundwater



Source: Zone 7 Preliminary Chain of Lakes Evaluation Update, 2020

# Supplemental recycled water sources

- ▶ Seasonal storage
- ▶ **RO concentrate**
- ▶ Wastewater from a neighboring agency
- ▶ Groundwater



*Mocho Demineralization Plant*



# Supplemental recycled water sources

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- ▶ RO concentrate
- ▶ Wastewater from a neighboring agency
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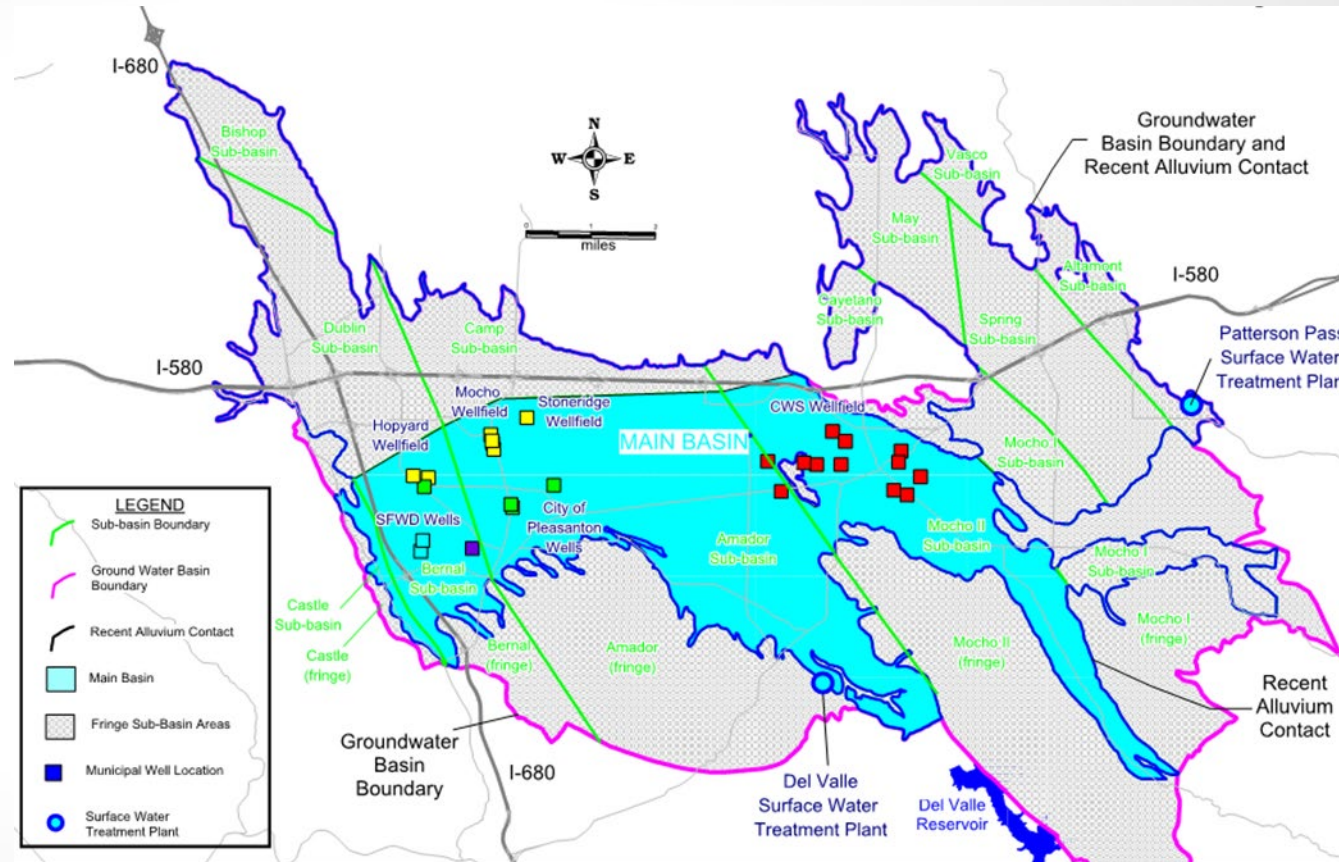


*Central San Diversion Project*



# Supplemental recycled water sources

- ▶ Seasonal storage
- ▶ RO concentrate
- ▶ Wastewater from a neighboring agency
- ▶ **Groundwater**



Source: Zone 7 Groundwater Management Plan, 2005



# Next steps

- ▶ Explore opportunities to expand recycled water in partnership with other agencies







# Questions?