



Recycled Water Updates

DSRSD/Central San Liaison Committee Meeting
October 11, 2023



**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

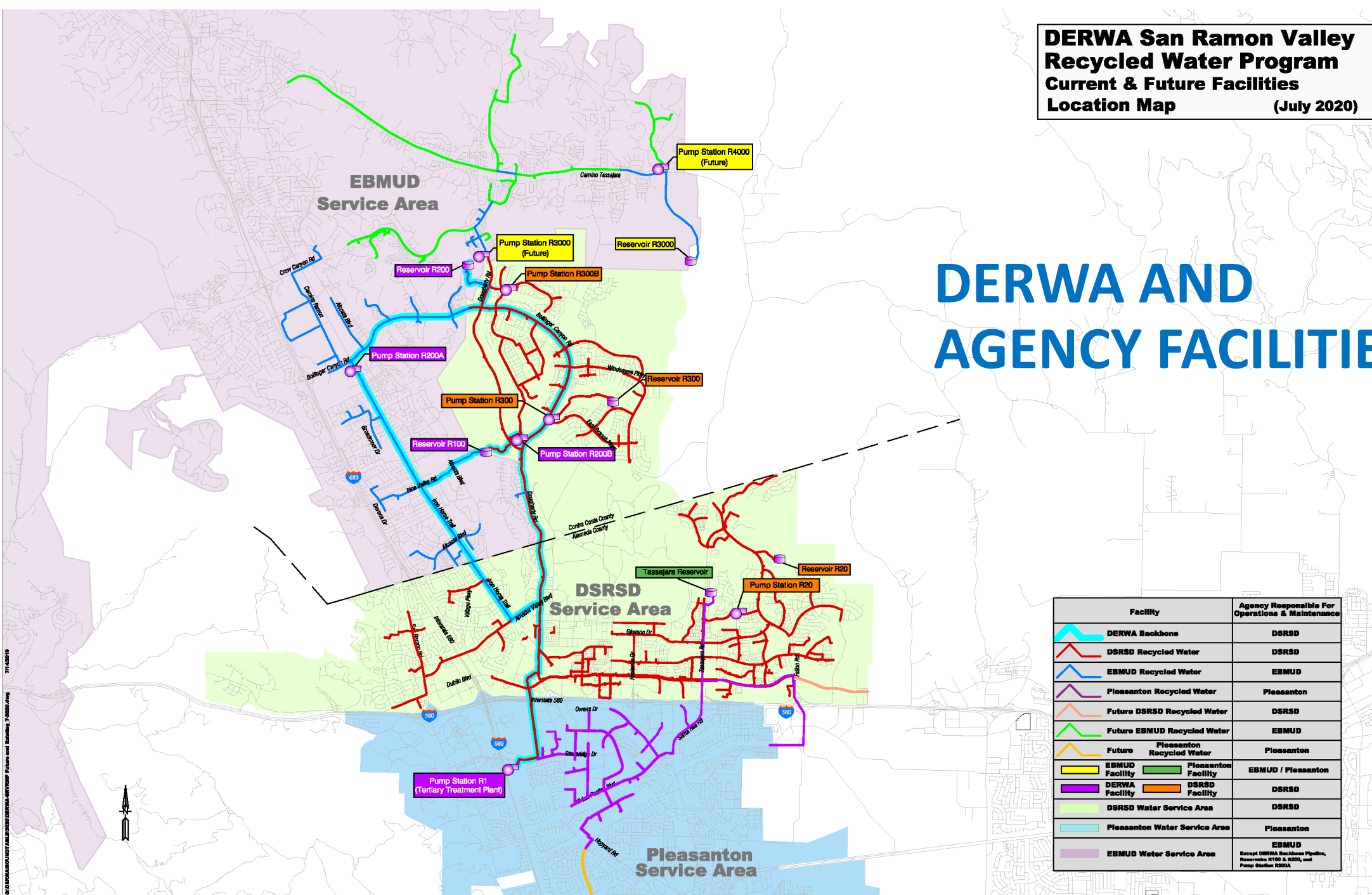
2006

San Ramon Valley Recycled Water Program deliveries began

2014

Pleasanton becomes the third agency to receive water from DERWA

DERWA AND AGENCY FACILITIES



Facility	Agency Responsible For Operations & Maintenance
DERWA Backbone	DSRSD
DSRSD Recycled Water	DSRSD
EBMUD Recycled Water	EBMUD
Pleasanton Recycled Water	Pleasanton
Future DSRSD Recycled Water	DSRSD
Future EBMUD Recycled Water	EBMUD
Future Pleasanton Recycled Water	Pleasanton
EBMUD Facility	EBMUD / Pleasanton
Pleasanton Facility	
DERWA Facility	DSRSD
DSRSD Facility	DSRSD
DSRSD Water Service Area	DSRSD
Pleasanton Water Service Area	Pleasanton
EBMUD Water Service Area	EBMUD Except DSRWA Backbone Pipeline, Reservoirs R100 & R300, and Pump Station R200A



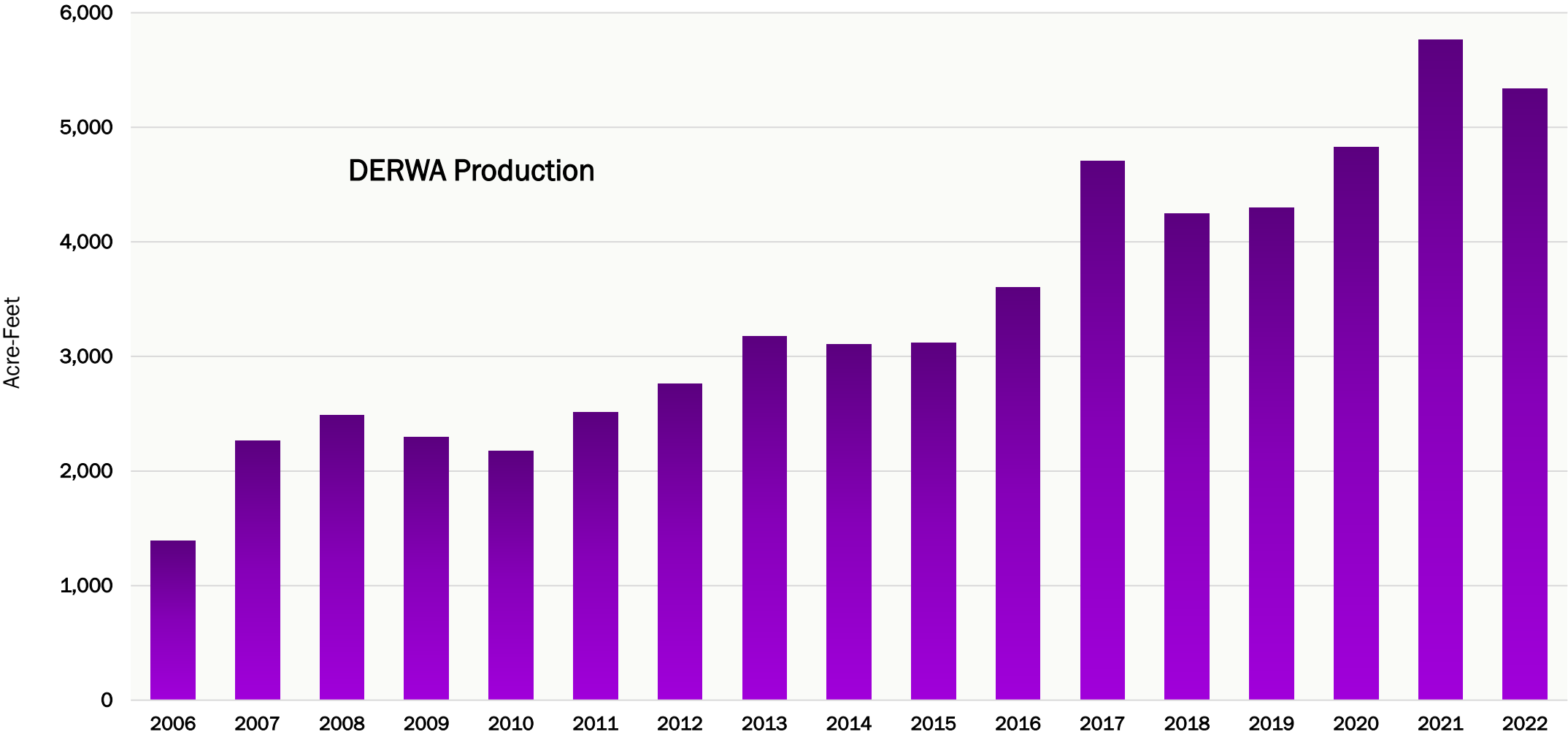
The San Ramon Valley Recycled Water Program 2023

DSRSD: 357 customer sites

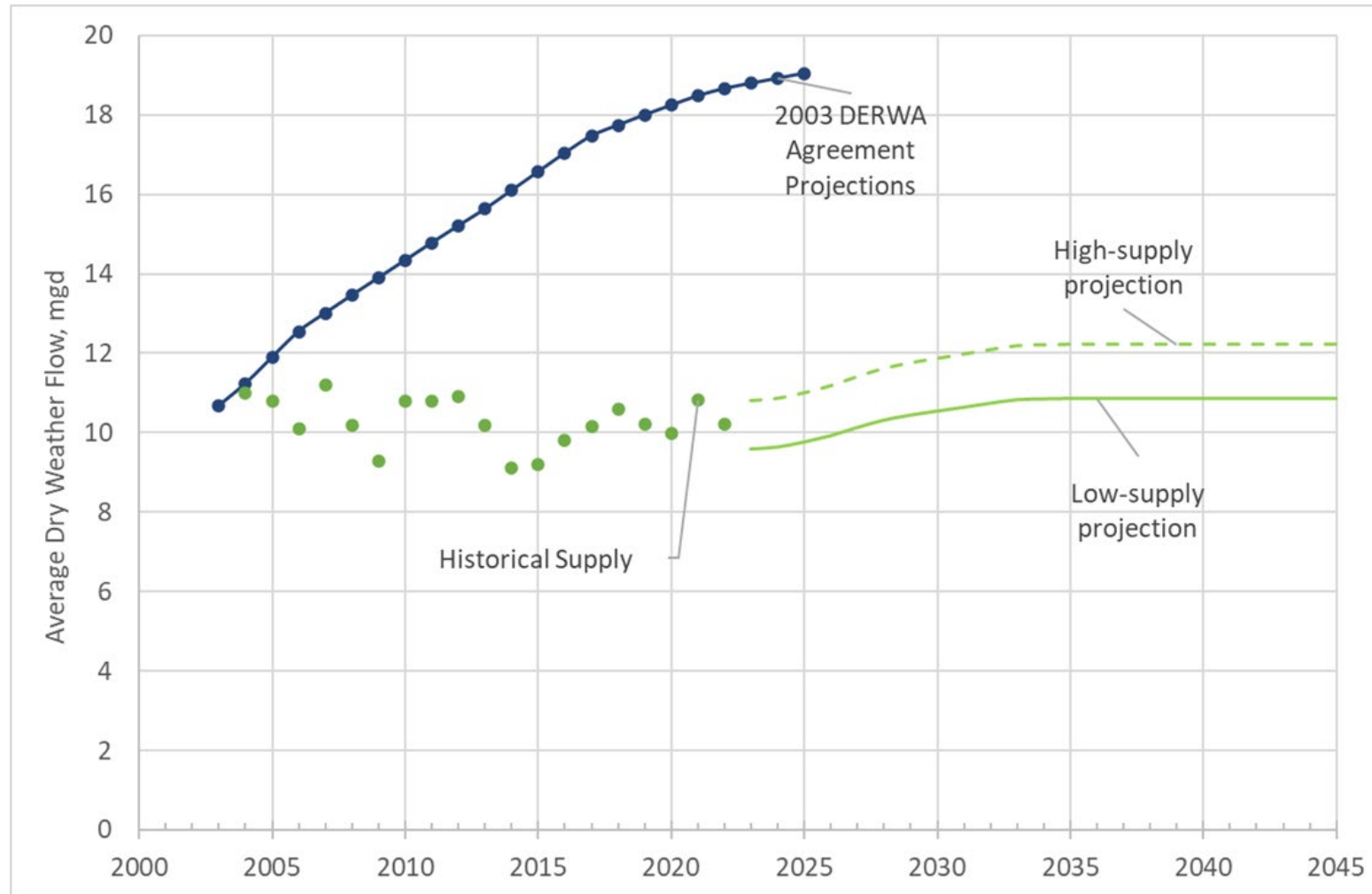
EBMUD: 76 customer sites

City of Pleasanton: 84 customer sites

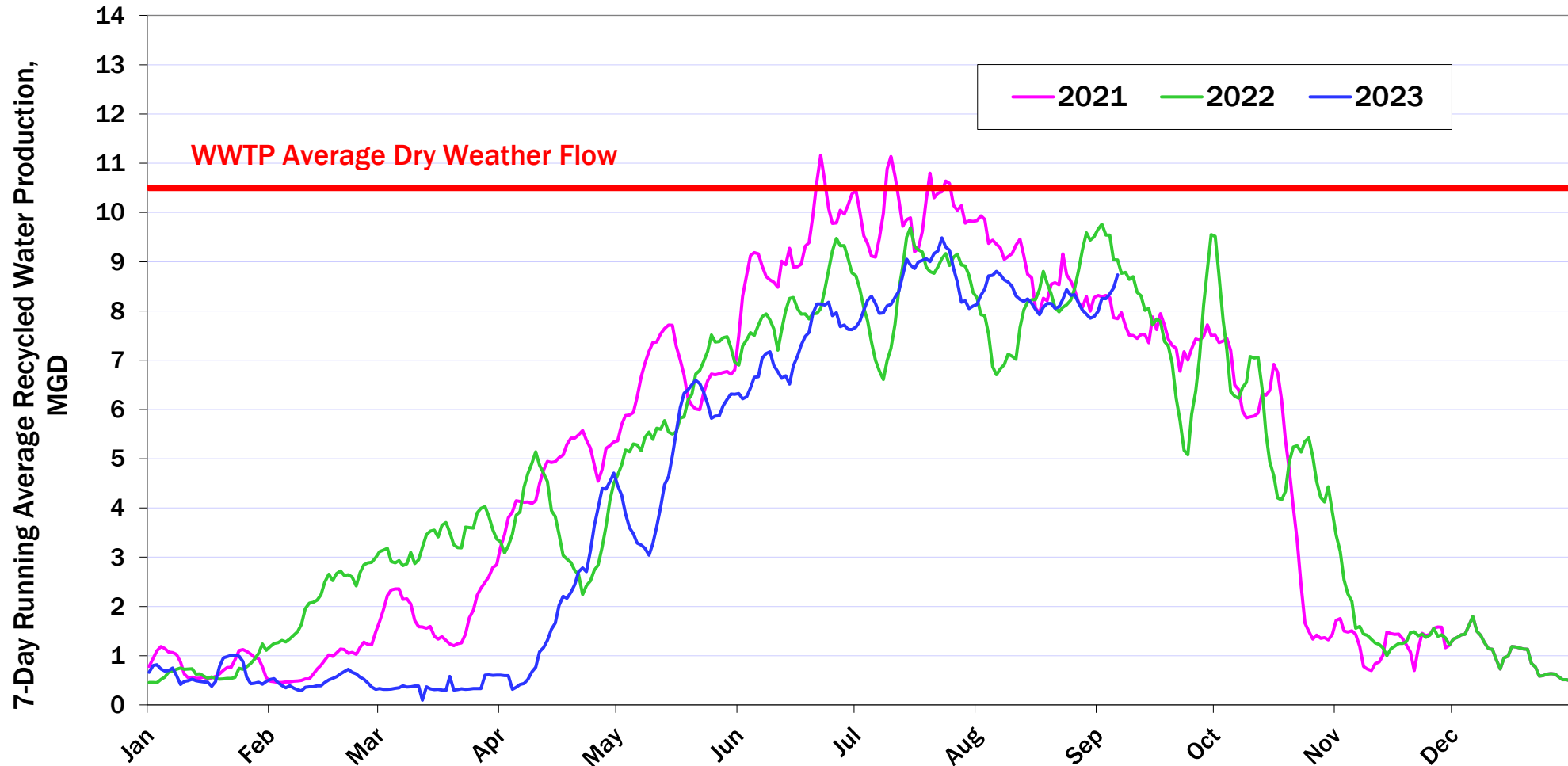
Growth in Recycled Water Program



Recycled Water Supply Projections



Limited Supply during Peak Summer Months



Note: 2021 demands do not include Crow Canyon and Canyon Lakes golf courses

Near-term Options to Address Shortage



Use of WWTP Basins for Operational Storage



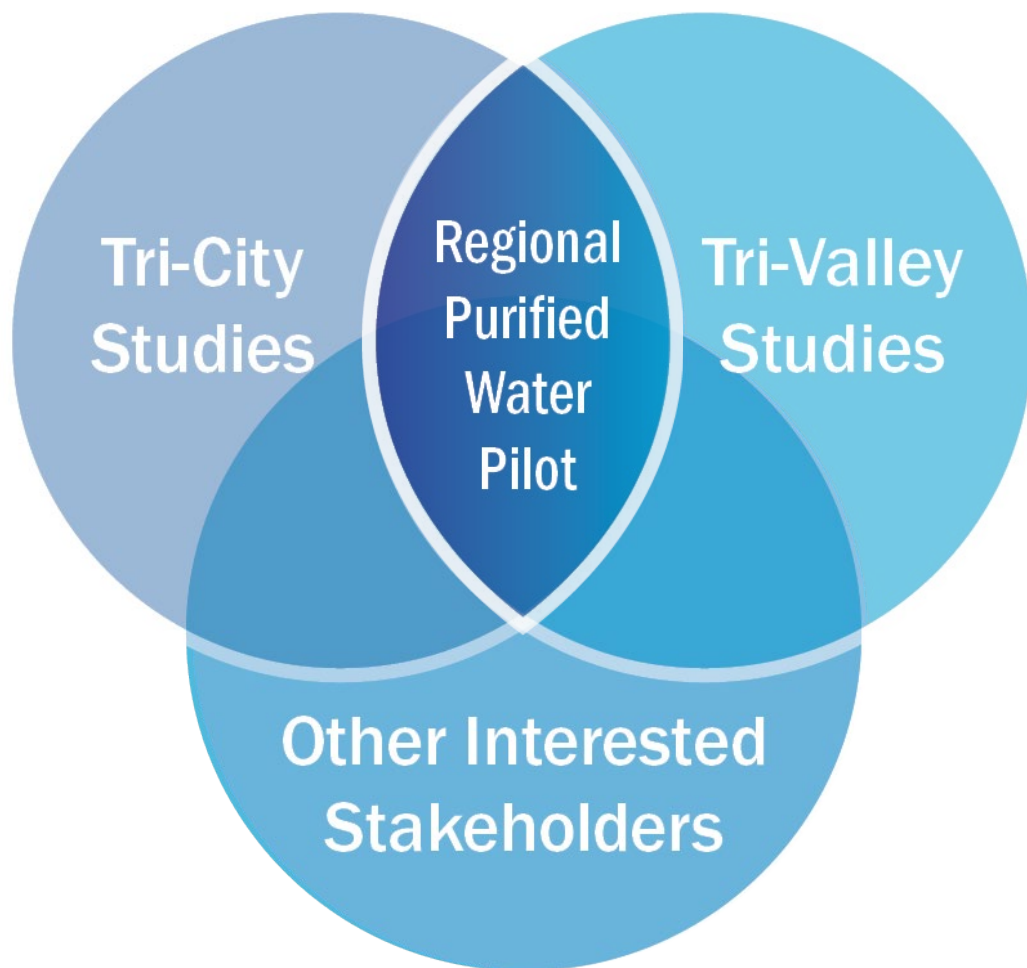
Temporary Central San – DERWA Diversion Project



Next Steps

- 2023 Annual Report on Temporary Central San – DERWA Diversion Project
- Complete DERWA Recycled Water Supply and Operations Plan Update by early 2024

Regional Purified Water Pilot Project

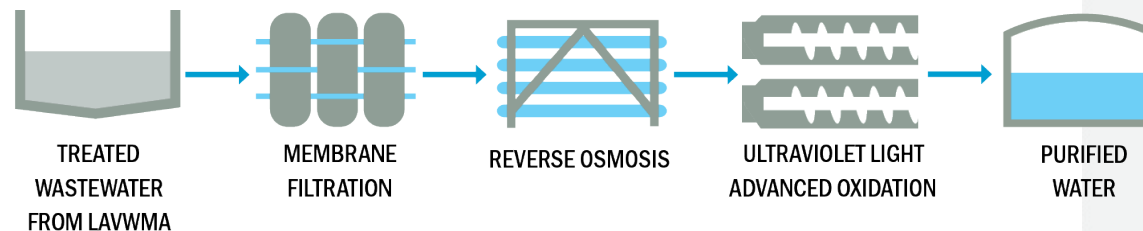


Potential pilot project partners:



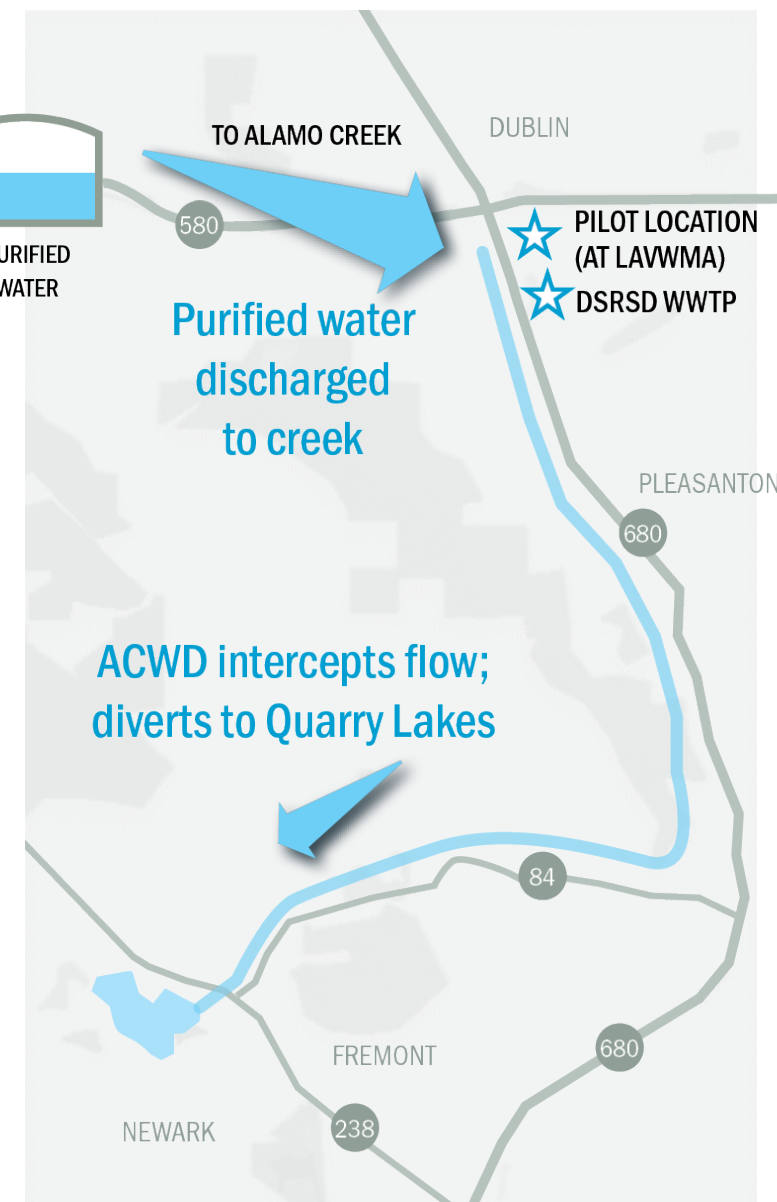
Regional Purified Water Pilot Concept

Small, temporary
advanced treatment
system at LAVWMA:



Pilot project would...

- Produce up to **0.2 mgd of purified water** from secondary effluent currently discharged to SF Bay
- Deliver purified water to **supplement flow in Alameda Creek**
- Allow ACWD to divert flow downstream for **groundwater recharge**



Public Outreach and Education



The pilot would be designed to enable public tours and other interactive outreach components, such as displaying real-time water quality data and producing purified water on-site.

Phased Approach

- » Phase 1: Initial feasibility study – *Completed 2022*
- » Phase 2: Public outreach and grant funding
- » Phase 3: Complete CEQA and implement pilot

