



Bay Area Regional Reliability (BARR) Partnership

December 14, 2021



Overview

- Background & Purpose of BARR Partnership
- Progress and Recent Initiatives
- Recommendation

Bay Area Regional Reliability (BARR) Partnership Background

- Formed to strengthen regional water supply reliability and improve drought preparedness through cooperation among agencies
- Developed after 2014 drought
- Prepare for future uncertainties (climate change, regional pop. & job growth, regulatory drivers, etc.)

BARR Partnership:

8 agencies serving over 6 million people



Purpose of Partnership

Board adopted Resolution No. 8274 in 2014 approving guiding principles:

BARR's Guiding Principles

- Evaluate water supply projects that engage multiple agencies.
- Leverage existing facilities and resources, and evaluate new interconnections
- Encourage participation of member agencies and other interested parties.
- Strive for equity, transparency, and betterment for the public.

Timeline

- 2014
 - BARR agencies adopt BARR guiding principles
- 2015
 - Agencies sign Memorandum of Agreement to develop BARR Plan based on principles and committed \$50K each
 - BARR receives USBR grant to develop Drought Contingency Plan
- 2016-2017
 - Drought Contingency Plan is developed and finalized
- 2018-2023
 - Shared Water Access Program (SWAP) grant received from USBR
 - Underway: Development of Strategy Report for SWAP

Assess Regional Vulnerabilities

- Developed a regional Drought Contingency Plan (DCP) in 2017
 - Focused on drought mitigation and response
 - Assesses vulnerability of supply sources
 - Proposed regional drought response actions and mitigation measures
- Funded in part by the U.S. Bureau of Reclamation

Bay Area Regional Reliability Drought Contingency Plan

Final

December 19, 2017



Funded in part by the Department of the Interior, Bureau of Reclamation
Under a WaterSMART Drought Contingency Planning Grant
Agreement number: R15AC00080

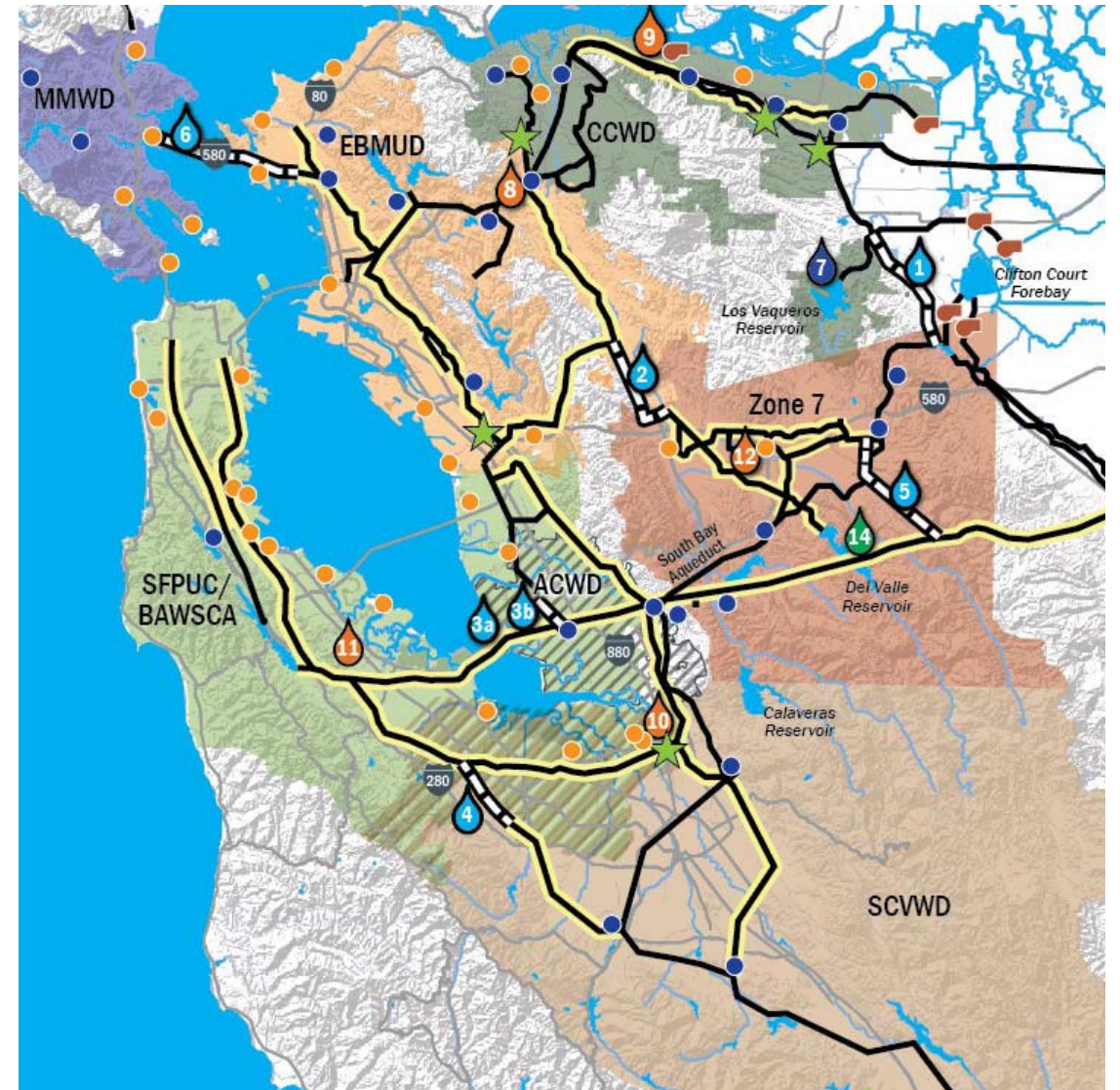
BARR Drought Contingency Plan: Mitigation Measures

Interties

1. Transfer-Bethany Pipeline
2. Zone 7-EBMUD Intertie
3. ACWD-SFPUC Intertie - Local Supply and Indirect Potable Reuse
4. West Side SFPUC-SCVWD Intertie
5. SFPUC-Zone 7 Intertie
6. **MMWD-EBMUD Intertie**

Storage

7. **Los Vaqueros Reservoir Expansion**



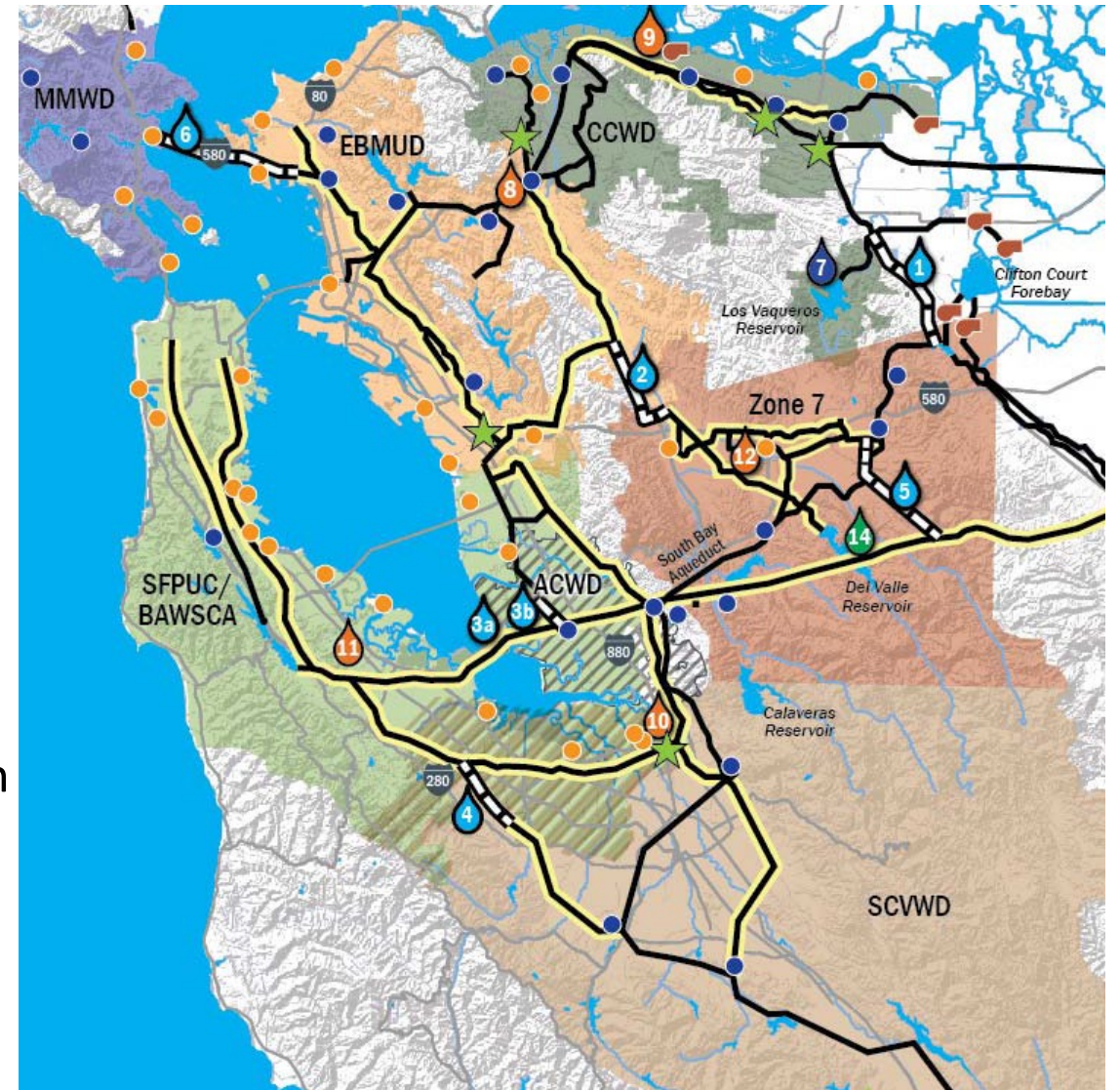
BARR Drought Contingency Plan: Mitigation Measures

Treatment/Supply

- 8. Walnut Creek Water Treatment Pretreatment Facility
- 9. **Regional Desalination Plant**
- 10. Silicon Valley Advanced Water Purification Center Expansion
- 11. Mid-Peninsula Potable Reuse Exploratory Plan
- 12. Joint Tri-Valley Potable Reuse Feasibility Study

Operations

- 13. Regional Advanced Metering Infrastructure Study
- 14. Del Valle Reservoir Water Supply Storage Expansion Project
- 15. **BARR Shared Water Access Program (SWAP)**



Early Actionable Efforts

- **Los Vaqueros Expansion:** Additional 115 TAF storage for regional reliability
 - On track to receive Prop 1 funding and Federal WIIN ACT funding
- **Bay Area Shared Water Access Program** (previously Regional Water Market)
 - Develop roadmap for Bay Area water exchanges and transfers
 - Received a \$400K grant from USBR to develop a strategy report (September 2022)

Key Components of MOA Amendment 2

- BARR Memorandum of Agreement is extended through March 31, 2023
- MMWD is included as a Participating Partner in the Bay Area Shared Water Access Program (previously Regional Water Market Program)

Recommendation

- Authorize the General Manager to execute the Second Amendment to the Memorandum of Agreement to Participate in the Bay Area Regional Reliability Plan