

“A multicounty agency authorized to plan for and acquire supplemental water supplies, encourage water conservation and use of recycled water on a regional basis.”

*[BAWSCA Act, AB2058 (Papan-2002)]*

## Board Policy Committee Meeting

February 14, 2024



**BAWSCA**  
Bay Area Water Supply & Conservation Agency

# Call To Order/Roll Call



BAWSCA 2018



**BAWSCA**  
Bay Area Water Supply & Conservation Agency

# Comments by Chair



Jensen, 2011



# Consent Calendar

- Approval of December 13, 2023 Minutes



# Public Comments on Items Not on the Agenda



# Authorization of Professional Services Contract to Support the Preparation of the 2021-23 Drought Report



BAWSCA 2018



**BAWSCA**  
Bay Area Water Supply & Conservation Agency

# BAWSCA Proposing to Prepare a 2021-2023 Drought Report

- Given the 2021-2023 drought has passed, BAWSCA intends to prepare a report summarizing the drought and responses by agencies
  - Similar to the report that was produced following the 2014-2017 drought
- BAWSCA proposes to secure consultant support for the report preparation
  - EKI selected as the preferred consultant in accordance with procurement policy
- BAWSCA currently conducting contract negotiations with selected consultant
- Proposed schedule
  - Board consideration for approval on March 21, 2024
  - Work to begin in early April 2024
  - Work to be completed in Fall 2024



# Key Tasks and Proposed Cost

## Key Tasks

- Documents and records collection and review
- Stakeholder engagement
- Review of whether recommended actions provided in 2014-2017 Drought Report were implemented
- Analysis of the effectiveness of drought response measures enacted during FY 2021-2023 drought
- Report preparation

## Proposed Cost

- Total cost = \$135,000
  - Phase 1 (FY 2023-24) cost = \$35k
  - Phase 2 (FY 2024-25) cost = \$100k
- Approved FY 2023-24 operating budget includes the required funds for Phase 1
- Proposed FY 2024-25 operating budget will include required funds for Phase 2



# New Task from Prior Drought Report: Effectiveness of Drought Response Measures (DRMs)

- Separate the impacts (water use reduction) of regional DRMs versus individual agency DRMs
  - What regional DRMs were most effective?
  - Were there common local DRMs that worked better at one agency versus another?
  - Were there unique local DRMs that proved effective?
- Evaluate whether demographic factors, including geographic or socioeconomic profiles, impacted effectiveness
  - Can “hot spots” and “cold spots” be identified using census tract data?
- Compile findings and recommendations that will assist BAWSCA agencies in planning for how to employ DRMs during future droughts



# Recommended Action

That the Board Policy Committee recommend the Board to authorize the CEO/General Manager to negotiate and execute a contract with EKI Water & Environment, Inc., subject to legal counsel's final review, for a total of \$135,000, of which \$35,000 will be approved for FY 2023-24 and the remaining \$100,000 is subject to future board approval of the FY 2024-25 operating budget, to support the preparation of a 2021-2023 Drought Report.



# Preliminary Fiscal Year 2024-25 Work Plan and Results to be Achieved



BAWSCA 2018



**BAWSCA**  
Bay Area Water Supply & Conservation Agency

# Preliminary FY 2024-25 Work Plan Will Achieve BAWSCA's Goals

- Preliminary Work Plan aligns with BAWSCA's legislated authority and three goals
  - Table 1 presents draft preliminary FY 2024-25 Work Plan
  - Table 2 presents activities not included
- Addresses critical issues identified between now and 2065
- Includes additional program activity and staff time to:
  - Initiate development of BAWSCA's Strategy 2050
  - Initiate development of Updated Regional Water Demand Projections
- Includes continuation of previously approved multi-year projects
  - Prepare BAWSCA 2021-2023 Drought Summary Report
  - Support Members with water use efficiency legislation CII performance measure requirements
  - Facilitate negotiation and adoption of an updated Tier 2 Plan



# Preliminary FY 2024-25 Work Plan Reflects Board Input Provided During January 18<sup>th</sup> Budget Planning Session

- Table 4 provides responses to the comments provided by the Board and members of the public in January
- New information provided in response to request for information about staff loading and as part of staff analysis performed in preparing the preliminary work plan:
  - Chart I “Staff Resource Analysis for Preliminary FY 2024-25 Work Plan”
  - Table 3 “Estimated Staff Hours and FTE by Preliminary FY 2024-25 Work Plan Item”



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – *Reliable Water Supply*

- I. Facility Reliability: Monitor SFPUC's WSIP, 10-Year Capital Plan, Asset Mgmt. Program, and Emergency Response
  - a. Monitor WSIP scope, cost, and schedule **including extending State oversight as necessary** through to completion
  - b. Review and monitor SFPUC's Regional 10-Year Capital Plan to ensure that identified projects and programs meet the needs of the members in a cost-effective and appropriate manner
  - c. Review and monitor SFPUC's Asset Management Program to ensure ongoing long-term maintenance and protection of RWS assets
  - d. Provide assistance to members and help facilitate engagement with the SFPUC regarding emergency response matters
  - e. Engage with and track the SFPUC Capital Planning Improvements Initiative
  - f. Review the SFPUC 2024 State of Water System Report



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – *Reliable Water Supply*

2. Long-Term Supply Solutions: Implement Strategy
  - a. ***Initiate development of Strategy 2050***
  - b. ***Initiate development of updated regional water demand projections***
  - c. Participate in Bay Area Regional Reliability (BARR) Partnership
  - d. Participate in the continued planning of the PureWater Peninsula portable reuse project.
  - e. Facilitate development of other local water supply options
  - f. Use BAWSCA Reliability Model to evaluate Bay Delta Plan/VA impacts
  - g. Facilitate use of the BAWSCA Reliability Model by members via subscription program



# Staff Resources to Initiate Development of Strategy 2050 Included in FY 2024-25 Work Plan but Not Funding

- Scope of work for Strategy 2050 will be complete this fiscal year
  - Reflects significant input from Board and members
- Preliminary FY 2024-25 Work Plan includes staff resources to initiate Strategy 2050 development
  - Based on staffing analysis and identified limitations, preliminary work plan assumes work to be initiated in January 2025
- Alternative funding source will be recommended for Strategy 2050
  - WSA provides for the SFPUC to include a “Water Management Charge” in water bills sent to Wholesale Customers if requested by BAWSCA
  - Water Management Charge can be used to support conservation, recycling, and development of alternative supplies
- Recommended Board action on Strategy 2050 consultant contract will include a recommended funding source



# Initiate Development of Updated Regional Water Demand Projections (2025 Demand Study)

- BAWSCA has coordinated regional water demand projections since 2002
  - Projections done generally every 5 years
  - Most recent 2022 Demand Study provided projections thru 2045
- Updated demand projections necessary to support
  - Strategy 2050
  - 2025 Urban Water Management Plans
  - Other regional planning efforts
- Staff has initiated consultant selection process and anticipates bringing recommended contract to Board in May 2024
  - New demand projections will take 18 months to complete
  - Work will be performed in FY 2024-25 and FY 2025-2026
- Estimated FY 2024-25 Cost: \$400K



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – *Reliable Water Supply*

3. Near-Term Supply Solutions: Water Conservation and Drought Response
  - a. Prepare the BAWSCA 2021-2023 Drought Summary Report
  - b. Represent member agency interests in discussions related to “Making Water Conservation a California Way of Life” requirements as appropriate
  - c. Provide regional coordination to support AMI implementation and data management
  - d. Implement BAWSCA’s core conservation programs that benefit all customers\*
  - e. Implement BAWSCA’s subscription conservation rebate programs\*
  - f. Engage with CalWEP and others to promote 3rd party development and administration of a lead repair and training certification program
  - g. Participate in San Mateo County C/CAG one watershed pilot program
  - h. Represent members in regional and State-level discussions relative to water conservation



# Twelve Existing and Planned Core Conservation Programs for FY 2024-25

Water Efficient  
Landscape  
Education Classes  
*In Person & Virtual*

Water-Wise  
Gardening in the  
Bay Area Tool

Native Garden  
Tours and  
Symposiums

Qualified Water  
Efficient  
Landscaper  
(QWEL) Program

“Making  
Conservation a  
Way of Life”  
Strategic Plan

Residential Self-  
Audit Program

Water Loss  
Evaluation &  
Knowledge  
Workgroup

Advanced  
Metering  
Infrastructure  
(AMI) Support

Water  
Conservation  
Database (WCDB)

LEAK Workgroup

2021-2023  
Drought Summary  
Report

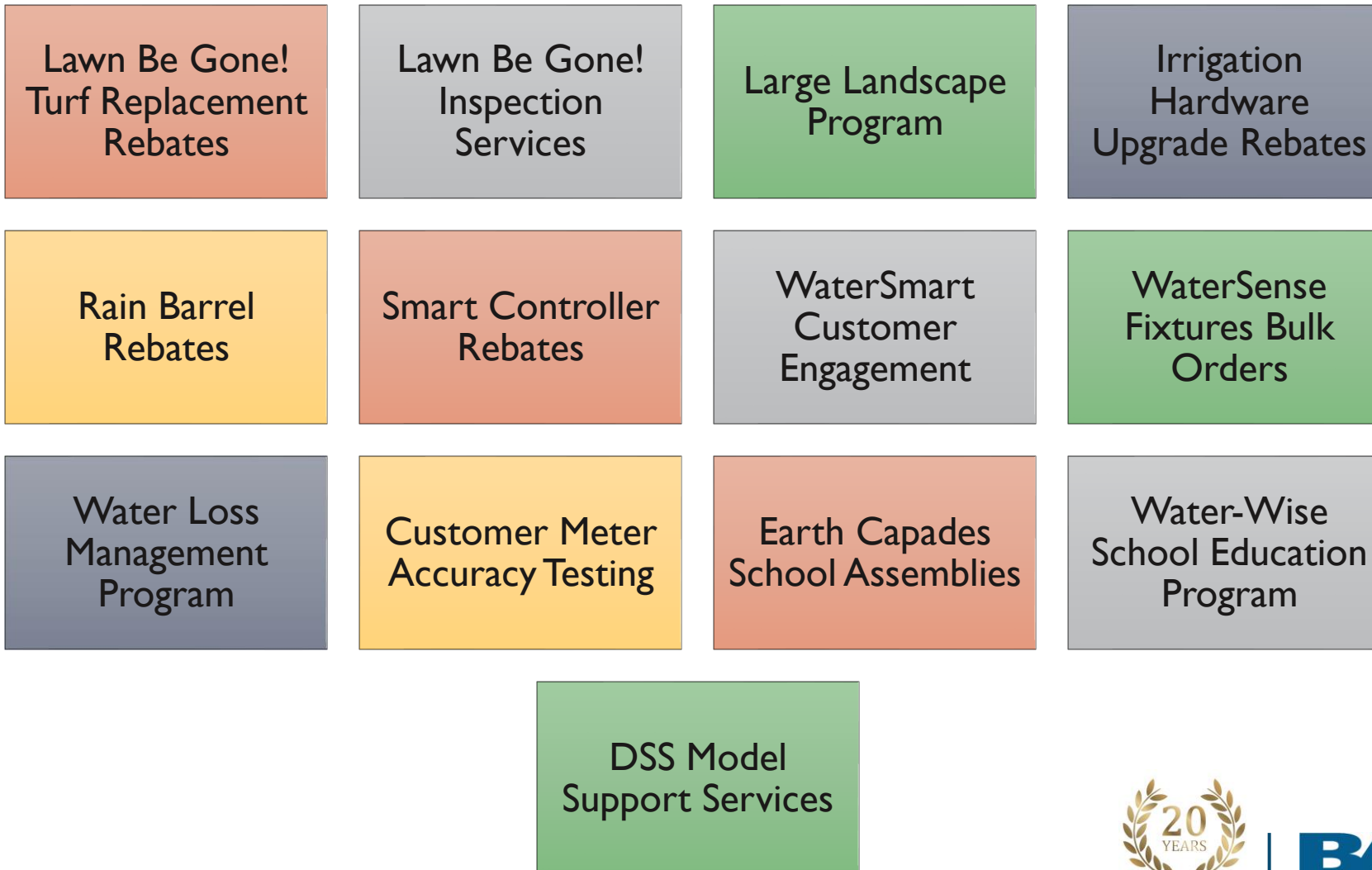
2021-2023 Drought  
Summary Report

BAWSCA Grant  
Tracking Program

Water Use Efficiency  
Legislation Support



# Fifteen Existing and Planned Subscription Conservation Programs for FY 2023-24



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – *Reliable Water Supply*

4. Take Actions to Protect Members' Water Supply and Financial Interests in WSA Administration
  - a. Monitor SFPUC's implementation of its Alternative Water Supply (AWS) Program
  - b. Protect members' interests to ensure SFPUC meets its legal and contractual water supply obligations
  - c. Adopt temporary extension of Tier 2 Plan that expires December 2024 if necessary
  - d. Facilitate final negotiations and adoption of an updated Tier 2 Plan
  - e. Protect members' water supply and financial interests in the SFPUC's required 2028 decisions
  - f. Ensure correct implementation of asset classification adjustments associated with 2018 WSA amendment
  - g. Ensure correct implementation of 2023 WSA amendments allowing for minimum purchase transfers
  - h. ***If proposed by SFPUC, support members in considering a possible new amendment to the WSA related to Minimum Purchase obligations***



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – *Reliable Water Supply*

5. Protect Members' Interest in Reliable Water Supply
  - a. Participate in SWRCB Bay Delta Water Quality Control Plan proceedings
  - b. Participate in La Grange and Don Pedro FERC Relicensing proceedings
6. Pursue Grant Opportunities
  - a. Pursue and use grant funds, including Prop I Integrated Regional Water Management conservation grant
  - b. Pursue grant funding with regional partners
  - c. *Implement BAWSCA grant tracking tool to support members' access to grant funds***
  - d. Investigate potential grant funds to support implementation of BAWSCA's Strategy
7. Reporting and Tracking of Water Supply and Conservation Activities
  - a. Annual Survey
  - b. Annual Water Conservation Report
  - c. In partnership with members, operate and maintain updated Water Conservation Database



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – *High Water Quality*

8. Support Member Agencies in Receiving Reliable Communication on Water Quality Issues
  - a. Coordinate members participation in Joint Water Quality Committee to ensure it addresses Wholesale Customer needs
  - b. Relay important water quality information to member agencies
  - c. Review and act on, if necessary, State legislation affecting water quality regulations



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – Fair Price

9. Perform Matters that Member Agencies have Delegated to BAWSCA in WSA
- a. Administer WSA to protect financial interests of member agencies
  - b. Administer BAWSCA's revenue bonds issued to retire capital debt owed by the Wholesale Customers to SF

**AMENDED AND RESTATED**  
**WATER SUPPLY AGREEMENT**  
**between**  
**THE CITY AND COUNTY OF SAN FRANCISCO**  
**and**  
**WHOLESALE CUSTOMERS**  
**in**  
**ALAMEDA COUNTY, SAN MATEO COUNTY AND**  
**SANTA CLARA COUNTY**

**NOVEMBER 2018**

**\$135,115,000\***  
**BAY AREA WATER SUPPLY AND CONSERVATION AGENCY**  
**REFUNDING REVENUE BONDS**  
**(CAPITAL COST RECOVERY PREPAYMENT PROGRAM), SERIES 2023A**  
**(THE "BONDS")**

**CERTIFICATE OF FINALITY OF PRELIMINARY OFFICIAL STATEMENT**

October 8, 2021

The undersigned hereby states and certifies:

1. That she is a duly authorized officer of the Bay Area Water Supply and Conservation Agency and such is duly

**PRELIMINARY OFFICIAL STATEMENT DATED OCTOBER 8, 2021**

**NEW ISSUE - BOOK-ENTRY ONLY**

**RATINGS:** Moody's: "Aa3"  
S&P: "AA-"  
See "RATINGS" herein.

*In the opinion of Orrick, Herrington & Sutcliffe LLP, Bond Counsel to the Agency, based on an analysis of existing laws, regulations, rulings and court decisions, and assuming, among other matters, the accuracy of certain representations and compliance with certain covenants, interest on the Series 2023A Bonds is excluded from gross income for federal income tax purposes under Section 103 of the Internal Revenue Code of 1986 and is exempt from State of California personal income taxes. In the further opinion of Bond Counsel, interest on the Series 2023A Bonds is not a specific preference item for purposes of the federal alternative minimum taxes. Bond Counsel expresses no opinion regarding any other tax consequences related to the ownership or disposition of, or the amount, accrual or receipt of interest on, the Series 2023A Bonds. See "TAX MATTERS" herein. Delivery of the Series 2023A Bonds and delivery of Bond Counsel's opinion with respect to the Series 2023A Bonds are subject to the satisfaction of certain terms and conditions provided in the Bond Purchase Contract as described under the heading "FORWARD DELIVERY OF THE SERIES 2023A BONDS."*

**BAWSCA**  
Bay Area Water Supply & Conservation Agency

**\$135,115,000\***  
**BAY AREA WATER SUPPLY AND CONSERVATION AGENCY**  
**Refunding Revenue Bonds**  
**(Capital Cost Recovery Prepayment Program), Series 2023A**

**Dated:** Date of Delivery **Due:** October 1, as shown on inside cover page

The Bay Area Water Supply and Conservation Agency Refunding Revenue Bonds (Capital Cost Recovery Prepayment Program), Series 2023A (the "Series 2023A Bonds"), will be registered in the name of Cede & Co., as nominee of The Depository Trust Company, New York, New York ("DTC"). DTC will act as securities depository of the Series 2023A Bonds. Individual purchasers of Series 2023A Bonds will be made in book-entry form only, in denominations of \$5,000 or any integral multiple thereof. Purchasers of Series 2023A Bonds will not receive certificates representing their interest in the Series 2023A Bonds purchased but will receive a credit balance in the records of DTC. Principal and interest are payable directly to DTC by The Bank of New York Mellon Trust Company, N.A., as trustee (the "Trustee"). The Series 2023A Bonds will be issued pursuant to a Revenue Bond Indenture, dated as of January 1, 2013, by and between the Bay Area Water Supply and Conservation Agency (the "Agency") and the Trustee, and a Second Supplemental Revenue Bond Indenture, dated as of October 1, 2021 (the "Second Supplement"), by and between the Agency and the Trustee (said indenture as amended and supplemented, including as supplemented by the Second Supplement collectively, the "Indenture").

Principal is payable on the dates set forth on the inside cover page. Interest on the Series 2023A Bonds is payable semiannually on each April 1 and October 1, commencing April 1, 2023. Upon receipt of payments of principal and interest, DTC is obligated in turn to remit such principal and interest to the DTC Participants (as defined herein) for subsequent disbursement to purchasers of the Series 2023A Bonds, as described herein. As used herein, the term "Bonds" means the Bay Area Water Supply and Conservation Agency Revenue Bonds authorized by, and at any time Outstanding pursuant to, the Indenture.

The Series 2023A Bonds are subject to optional redemption prior to maturity. See "THE SERIES 2023A BONDS-Redemption" herein.

The Series 2023A Bonds are being issued to (i) refund a portion of the Bay Area Water Supply and Conservation Agency Revenue Bonds (Capital Cost Recovery Prepayment Program), Series 2013A and (ii) pay costs of insurance incurred in connection with the issuance of the Series 2023A Bonds. The Series 2023A Bonds will be secured by a pledge of and payable from surcharges imposed by the Agency and collected by the Public Utilities Commission of the City and County of San Francisco on water sold to certain retail water service providers in Alameda County, Santa Clara County and San Mateo County (the "Members") and interest and investment earnings on amounts held by the Trustee under the Indenture ("Revenues").

The Bonds are special, limited obligations of the Agency. The Bonds shall not be deemed to constitute a debt or liability of the Agency, the State of California or of any political subdivision thereof within the meaning of any constitutional or statutory provision, or a pledge of the faith and credit of the Agency, the State of California or of any political subdivision thereof, but shall be payable, except to the extent of certain amounts held under the Indenture pledged thereto, solely from Revenues. Neither the faith and credit nor the taxing power of the State of California or of any political subdivision thereof is pledged to the payment of the principal of, premium, if any, or the interest on the Bonds. The issuance of the Bonds shall not directly or indirectly or contingently obligate the State of California or any political subdivision thereof to levy or to pledge any form of taxation or to make any appropriation for their payment. The Agency has no taxing power.

This cover page contains information for quick reference only. It is not a summary of this issue. Potential purchasers must read the entire Official Statement to obtain information essential to making an informed investment decision.

The Series 2023A Bonds are offered when, as, and if delivered to and received by the Underwriters, subject to the approval of legitimacy by Orrick, Herrington & Sutcliffe LLP, Bond Counsel. Certain legal matters will be passed upon for the Agency by Hansen Bridgett LLP and for the Underwriters by Stridling, Yoon, Carlson & Bault, a Professional Corporation. The Series 2023A Bonds are expected to be available for delivery through the facilities of The Depository Trust Company on or about January 5, 2023. \* See "FORWARD DELIVERY OF THE SERIES 2023A BONDS" for a discussion regarding the delayed delivery of the Series 2023A Bonds, certain conditions to the obligations of the Underwriters to purchase the Series 2023A Bonds and certain risks to purchasers of the Series 2023A Bonds resulting from the delayed delivery thereof.

**Goldman Sachs & Co. LLC** **J.P. Morgan**

Dated: October \_\_, 2021

\* Preliminary, subject to change

**\*\*DRAFT\*\***



# Major Tasks in Preliminary FY 2024-25 Work Plan

## – Agency Effectiveness

### I0. Maintain Community Allies and Contacts with Environmental Interests

- a. Maintain close relationships with BAWSCA's local legislators and allies, and activate them if necessary, to safeguard the health, safety, and economic well-being of residents and communities
- b. Maintain a dialogue with responsible environmental and other groups, who will participate in the permitting and approval process for efforts to maintain system reliability
- c. Maintain effective communications with members, customers, and others to achieve results and support goals
- d. In conjunction with SFPUC, conduct tours of the water system for selected participants

### I1. Manage the Activities of the Agency Professionally and Efficiently

- a. Implement BAWSCA's Student Internship Program
- b. Implement Board policy directives for management of BAWSCA's unfunded OPEB and pension liability obligations
- c. Maintain a motivated, trained, and effective workforce
- d. Continue development of a staff-led plan to address BAWSCA's long-term policy and operational resilience to inform future policy making
- e. **Implement directive to make Board and BPC meetings available to public via livestream**



# Preliminary FY 2024-25 Work Plan Includes Continuation of Three Previously Approved Multi-Year Projects

1. Prepare BAWSCA 2021-2023 Drought Summary Report
  - Contract with EKI being presented to BPC today for Board consideration in March for total cost of \$135K
  - Work to begin this fiscal year and be complete in FY 2024-25
  - Estimated FY 2024-25 Cost: \$100K
2. Support Members with Water Use Efficiency Legislation CII Performance Measure Requirements
  - BAWSCA has been collaborating with Valley Water since 2022 to provide support to Members in meeting 2018 water use efficiency legislation requirements
  - State Water Board rulemaking is delayed and now anticipated to be finalized in October 2024
  - FY 2024-25 results will include finalizing the guidance documents to reflect adopted regulations and training sessions
  - Estimated FY 2024-25 Cost: \$65K



# Preliminary FY 2024-25 Work Plan Includes Continuation of Three Previously Approved Multi-Year Projects

## 3. Facilitate Negotiation and Adoption of an Updated Tier 2 Plan

- Starting in FY 2021-22, the Board directed BAWSCA to facilitate negotiations with Members to update the existing Tier 2 Plan
- For FY 2024-25 work planning purposes, it is assumed that negotiations will be complete July 1 and effort transitions to preparing contract materials and support adoption by governing bodies
- Estimated FY 2024-25 Cost: \$130K (\$50K for legal; \$80K for technical consultants)

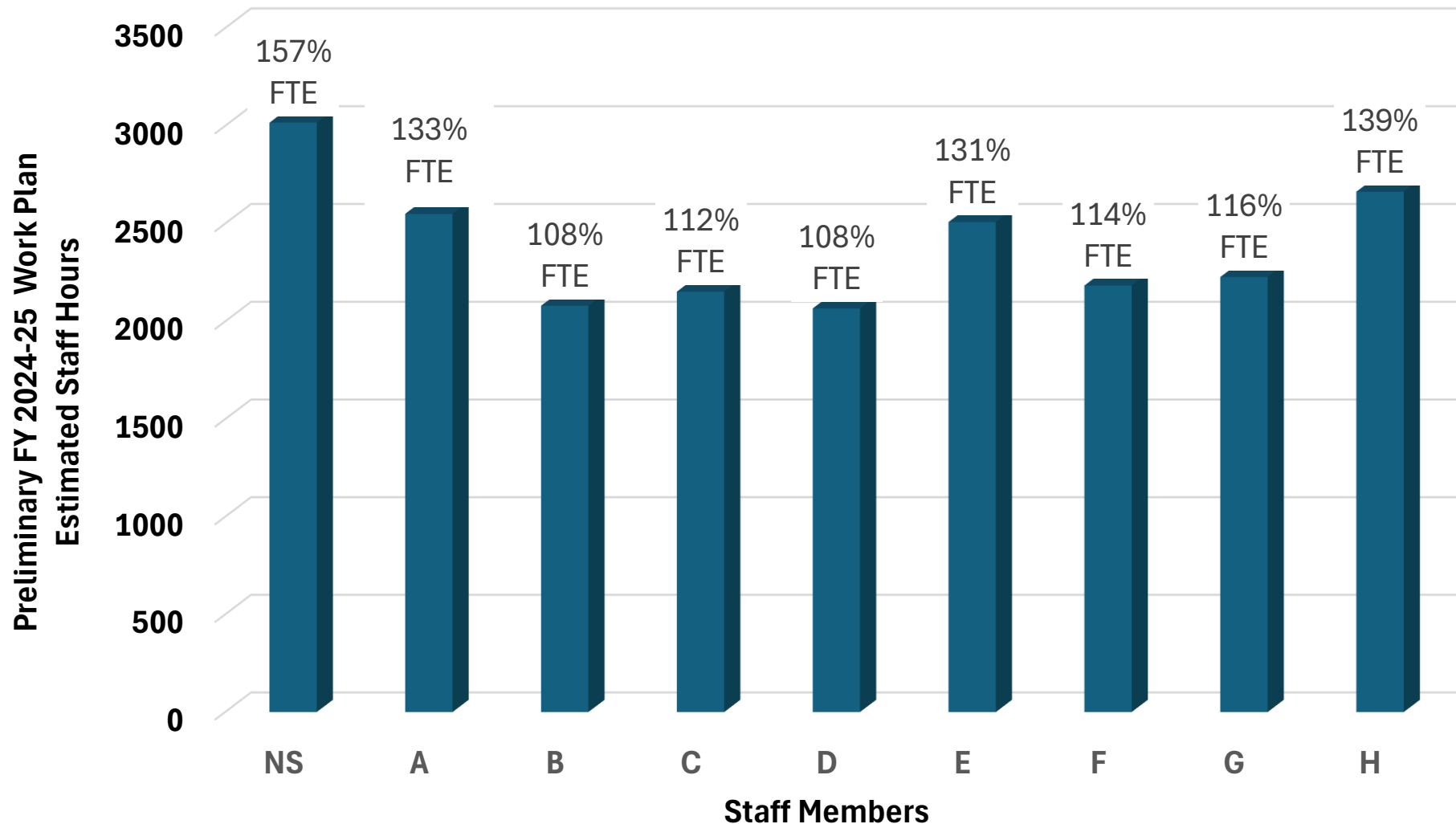


# Staffing Constraints Identified in the Development of Preliminary FY 2024-25 Work Plan

- Work plan development includes estimating staff hours by task
- First iteration of preliminary FY 2024-25 Work Plan showed significant overloading for several staff members
  - 3 staff with an estimated workload at 150% or greater
- Challenge is that FY 2024-25 Work Plan includes several major work areas with external drivers that impact staff workload
  - Tier 2 negotiations and 2025 Demand Study
- Preliminary FY 2024-25 Work Plan presented today reflects a modification to mitigate this issue
  - Delay start of Strategy 2050 until January 2025
- This modification helps but staffing resource constraint remains and will need to be monitored carefully in FY 2024-25
  - Will continue to look for areas to trim down work plan



# Preliminary FY 2024-25 Work Plan Will Require Close Management to Ensure Sufficient Staff Resources to Implement



## Staff Analysis Results

- Only CEO allocated hours above 150% FTE
- All staff allocated hours above 100% FTE
- BAWSCA approved staff level is 9 FTE
- Estimated 21,445 staff hours, or 11.2 FTE, to implement Work Plan

# Estimated Staff Hours and FTE by Preliminary FY 2024-25 Work Plan Item

Staff Hrs.	# of FTE	% of Total	Results to be Achieved in FY 2024-25
RELIABLE WATER SUPPLY			
<b>764</b>	0.4	4%	1. Facility Reliability: Monitor SFPUC WSIP, 10-Year CIP, Asset Mgmt. and Emergency Response
<b>2,270</b>	1.2	11%	2. Long-Term Supply Solutions: Implement Strategy
<b>4,166</b>	2.2	19%	3. Near-term Supply Solutions: Water Conservation and Drought Response
<b>1,846</b>	1.0	9%	4. Take Actions to Protect Members' Water Supply and Financial Interests in WSA Administration
<b>580</b>	0.3	3%	5. Protect Members' Interests in a Reliable Water Supply
<b>756</b>	0.4	4%	6. Pursue Grant Opportunities Independently and in Coordination with Regional Efforts
<b>304</b>	0.2	1%	7. Reporting and Tracking of Water Supply and Conservation Activities
HIGH QUALITY WATER			
<b>216</b>	0.1	1%	1. Support Member Agencies in Receiving Reliable Communication of Water Quality Issues
FAIR PRICE			
<b>2,504</b>	1.3	12%	1. Perform Matters that Member Agencies Delegated to BAWSCA in the WSA
AGENCY EFFECTIVENESS			
<b>1,046</b>	0.5	5%	1. Maintain Community Allies and Contacts with Environmental Interests
<b>6,993</b>	3.6	33%	2. Manage the Activities of the Agency Professionally and Efficiently
<b>21,445</b>	11.2	100%	TOTAL Estimated Staff Hours and FTE to Implement Preliminary FY 2024-25 Work Plan

# FY 2024-25: Initial Budget Considerations

- Operating budget continues to reflect implementation of water resources activities in support of Strategy
  - Implementation of BAWSCA's Core and Subscription conservation programs
  - Continued funding for ongoing approved projects
  - New funding needs for 2025 Demand Study
- Regional Water System reliability remains a critical Work Plan task
  - WSIP, CIP, and Asset Management oversight
  - Ensuring SF meets its legal and contractual water supply obligations
- Sustained level of effort for Phase I Bay Delta Plan and FERC
- CEO to examine forecast for end of year spending to understand impact on year-end General Reserve balance



# Preliminary Operating Budget and Considerations for Funding will be Presented to the Board in March

- Preliminary FY 2024-25 Operating Budget will be presented to the Board in March
- Considerations for funding the Operating Budget will also be presented at that time
- BAWSCA's primary source of funding is its assessments on member agencies as provided for in its enabling legislation (AB 2058)
- No assessment increases were required to fund the approved FY 2023-24 Operating Budget
  - BAWSCA FY 2023-24 Operating Budget \$4,983,419
  - BAWSCA FY 2023-24 Assessments \$4,838,897
- One item that will not be included in the preliminary Operating Budget is funding the development of BAWSCA's Strategy Update
  - This will be a separate action item for Board in FY 2024-25
  - Previous Strategy (2015 Strategy) development funded via separate Water Management Charge
  - Anticipated that similar funding plan would be recommended again



# Next Steps

- Feedback from today will be incorporated into the Preliminary FY 2024-25 Work Plan & Operating Budget
- March Board Meeting: Memo and presentation to Board
- April BPC Meeting: Final FY 2024-25 Work Plan and Operating Budget presented for further discussion
- May Board Meeting: Recommended Action



# Update on Negotiations of a New Tier 2 Drought Allocation Plan



SFPUC



# Planned Schedule for the Tier 2 Plan Update for CY 2024

- Lead negotiators working towards finalizing updated Tier 2 Plan by end of June for unanimous adoption by governing bodies by December 2024
  - Approximately a 6-month process for unanimous adoption
- Existing Tier 2 Plan expires December 31, 2024
- BAWSCA continues to believe that the lead negotiators will come to agreement on final key parameters by end of June
- However, if progress appears to stall, BAWSCA plans to provide Board and BPC with increasingly thorough updates on the strawperson concept
- Will facilitate Board decision by October/November on whether to extend the existing Tier 2 Plan or adopt a new Plan



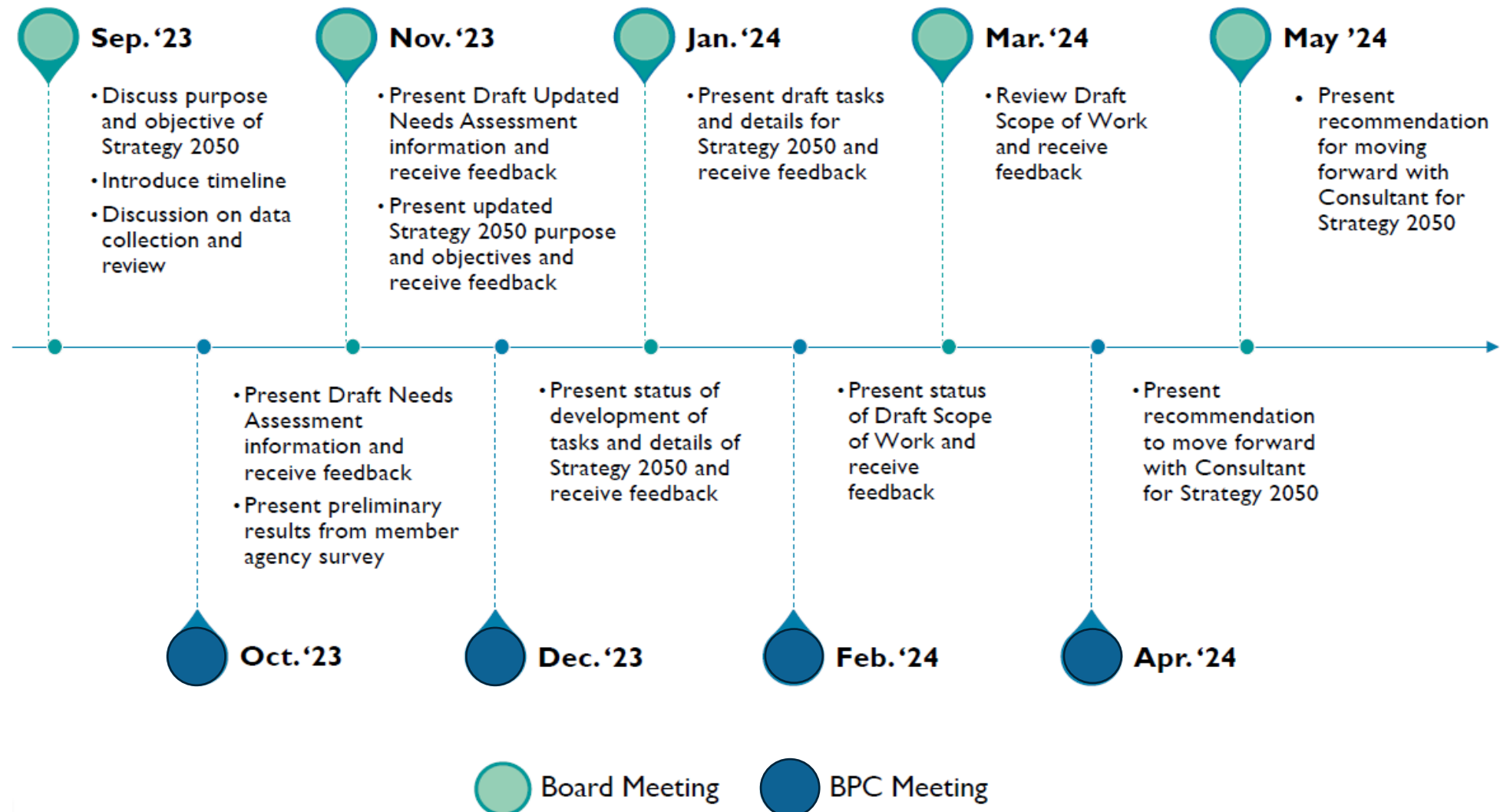
# BAWSCA's Long-Term Reliable Water Supply Strategy 2050



BAWSCA 2018



# Feedback from BPC and Board are Critical Throughout Scope Development for Strategy 2050



# Strategy 2050 Regional Water Supply & Demand Management Purpose and Objectives Updated to Reflect WMR and Board Input

## Strategy 2050 Purpose

Identify the water supply and demand management needs and opportunities for the BAWSCA region and establish a framework to collectively support water reliability and resilience.

## Strategy 2050 Objectives

1

Provide a comprehensive picture of the region's supply and demand management needs and options.

2

Establish a framework for collectively maintaining and improving regional water supply reliability and resilience.

3

Elevate awareness of and support the region's interests in new and emerging regulations that impact water supply and demand management.

4

Expand regional dialogue and collaboration to collectively address common needs.

5

Close the gap on funding needed for water supply resilience and reliability.

6

Support availability of affordable water supplies and demand management strategies to all customers.

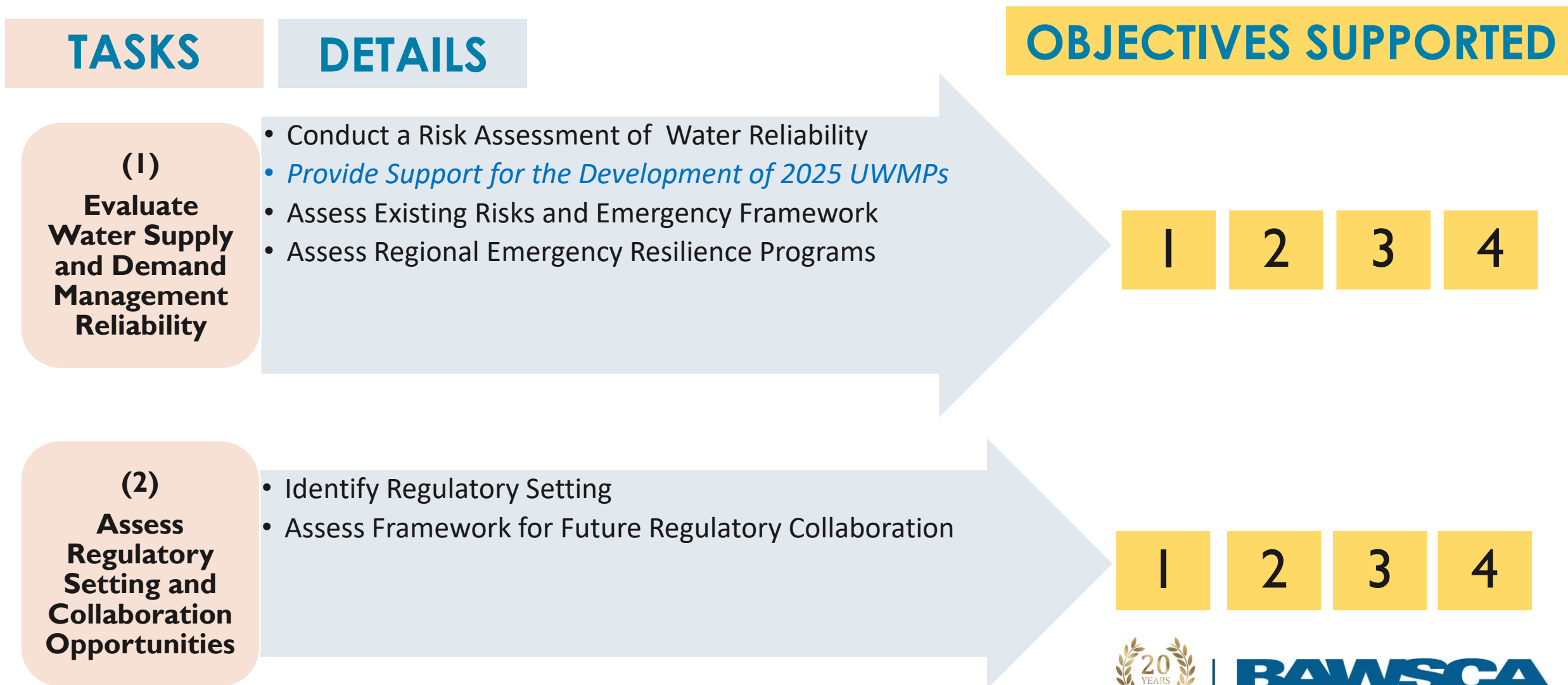
# Purpose and Objectives of Strategy 2050 Supports the Identification of 7 Preliminary Tasks for the Scope of Work

1. Evaluate Water Supply and Demand Management Reliability
2. Assess Regulatory Setting and Collaboration Opportunities
3. Evaluate Existing Project Concepts / Identify New Regional Project Opportunities
4. Provide Support to Member Agencies in their Efforts to Obtain External Funding
5. Document Water Affordability Challenges and Opportunities
6. Develop Method to Track and Report on Status of Strategy 2050 Implementation
7. Report Preparation – Including Findings, Near and Long-Term Recommendations



# Strategy 2050 Preliminary Tasks Updated to Reflect WMR and Board Input

## – Tasks # 1 and #2



# Strategy 2050 Preliminary Tasks Updated to Reflect WMR and Board Input

## – Tasks # 3 and #4

### TASKS

### DETAILS

### OBJECTIVES SUPPORTED

(3)  
**Evaluate  
Existing Project  
Concepts/  
Identify New  
Regional Project  
Opportunities**

- Establish and Refine Project Inventory
- Develop Additional Water Supply and Demand Management Project Concepts
- Develop Comparative Metrics
- Develop Project Portfolios
- *Update Regional Groundwater Model*
- Provide Individual Reliability Planning Services (Subscription Program)

(4)  
**Provide Support  
to Member  
Agencies in their  
Efforts to Obtain  
External Funding**

- Develop Grants Tracking Tool
- Establish Regional Funding Strategy and Advocacy Approach
- Provide Funding Application *and Administrative* Support (Subscription Program)

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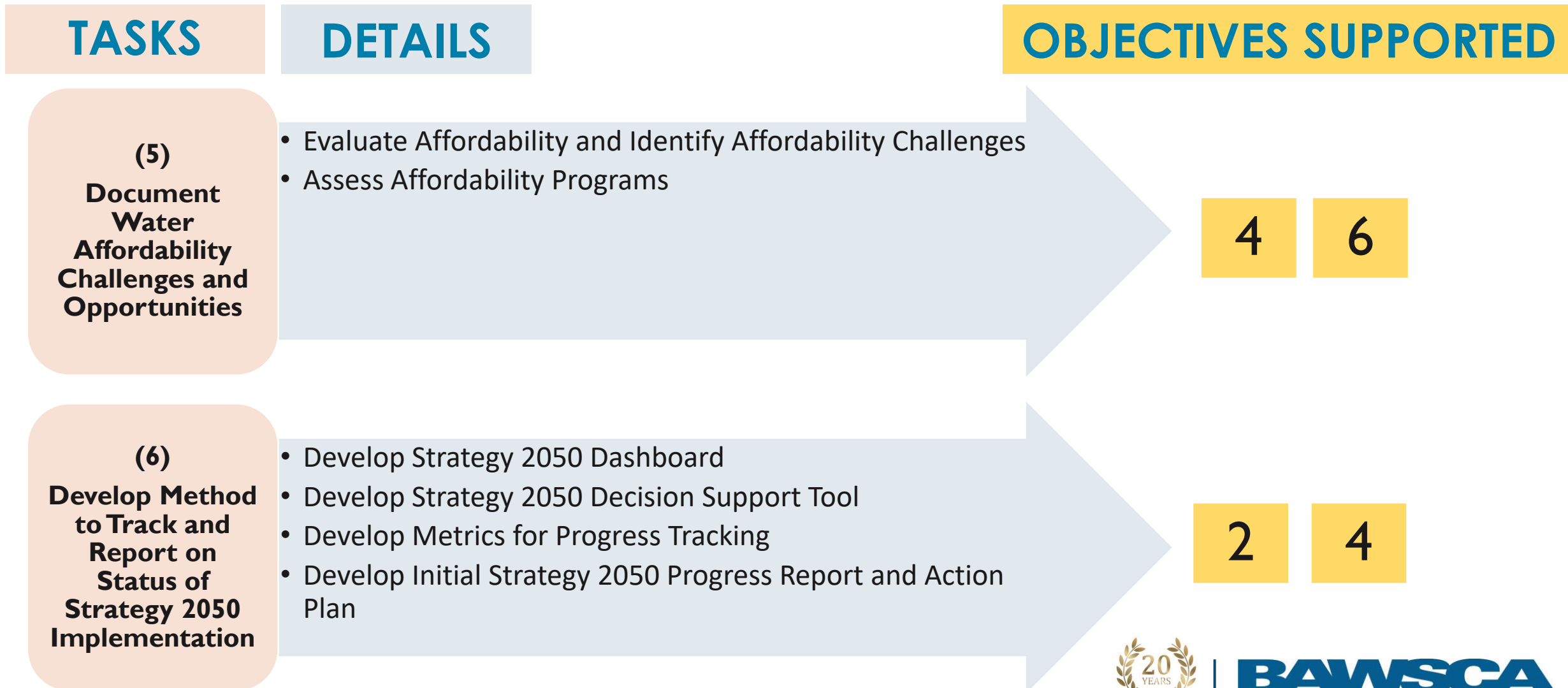
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# Strategy 2050 Preliminary Tasks Updated to Reflect WMR and Board Input

## – Tasks # 5 and #6



# Strategy 2050 Preliminary Tasks Updated to Reflect WMR and Board Input

## – Task #7

### TASKS

### DETAILS

### OBJECTIVES SUPPORTED

**(7)**  
**Report Preparation**  
– Including Findings,  
Near and Long-  
Term  
Recommendations

- Develop Strategy 2050 Report
- Develop Strategy 2050 Communication Materials

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# Next Steps Towards Preparing a Draft Scope of Work

- Inputs received will be considered prior to finalizing the draft Scope of Work for Strategy 2050
- Draft Scope of Work for Strategy 2050 will be discussed with Board in March 2024
- Schedule anticipates Board action to authorize a recommended consultant contract and associated scope of work in Spring 2024
- Start of work may be delayed until mid FY 2024-25 to address BAWSCA staff availability



# Water Supply Update



BAWSCA 2018



# Current Reservoir Storage (2/11/24)

Storage as of: 12-Feb-2024

Reservoir	Current Storage <sup>1,2,3</sup> (AF)	Maximum Storage <sup>4</sup> (AF)	Available Capacity (AF)	Percent of Maximum Storage	Normal Percent of Maximum Storage <sup>5</sup>
<u>Tuolumne System</u>					
Hetch Hetchy	322,300	360,360	38,060	89.4%	67.7%
Cherry	249,700	273,345	23,645	91.3%	-
Eleanor	23,480	27,100	3,620	86.6%	-
Water Bank	566,141	570,000	3,859	99.3%	98.6%
<b>Total Tuolumne Storage</b>	<b>1,161,621</b>	<b>1,230,805</b>	<b>69,184</b>	<b>94.4%</b>	<b>-</b>
<u>Local System</u>					
Calaveras	94,045	96,670	2,625	97.3%	-
San Antonio	47,803	53,266	5,463	89.7%	-
Crystal Springs	44,036	68,953	24,917	63.9%	-
San Andreas	15,584	18,675	3,091	83.4%	-
Pilarcitos	2,557	3,125	568	81.8%	-
<b>Total Local Storage</b>	<b>204,025</b>	<b>240,689</b>	<b>36,664</b>	<b>84.8%</b>	<b>-</b>
<b>Total System Storage</b>	<b>1,365,646</b>	<b>1,471,494</b>	<b>105,848</b>	<b>92.8%</b>	<b>80.3%</b>
<b>Total without water bank</b>	<b>799,505</b>	<b>901,494</b>	<b>101,989</b>	<b>88.7%</b>	<b>-</b>

<sup>1</sup> Upcountry storage is the date's 8AM storage value taken from USGS data

<sup>2</sup> Water bank storage reported by HHWP for 02/11/2024

<sup>3</sup> Local storage is the date's 8AM storage value taken from USGS data

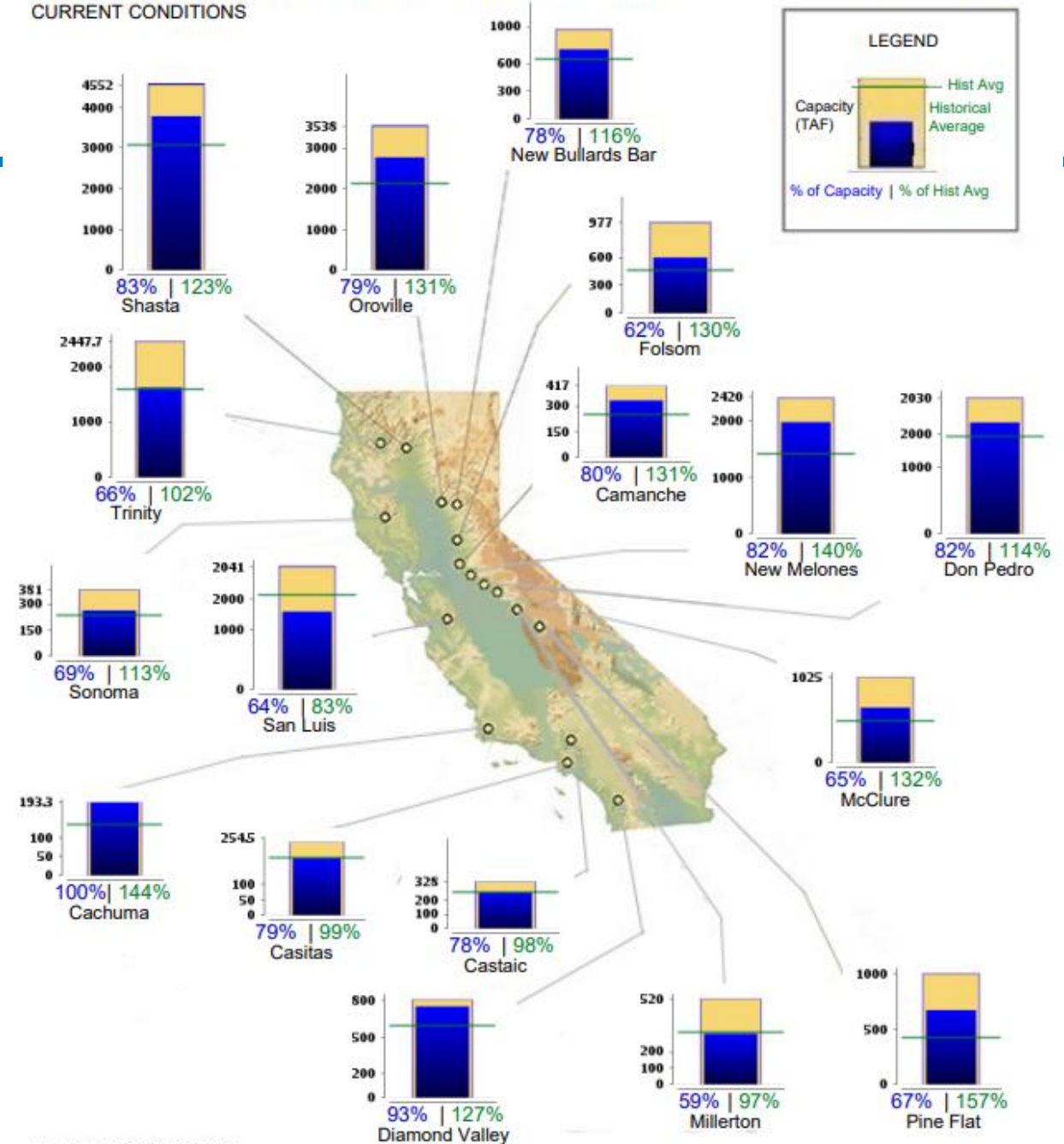
<sup>4</sup> Hetch Hetchy maximum storage is with drum gates activated. Cherry and Eleanor maximum storage is with flashboards in. All maximum storages taken from rating curve.

<sup>5</sup> The ratio of median storage for this day over maximum storage capacity. Median storage for this day is based on historical storage data from years 1991 - 2020

## Other California Reservoirs

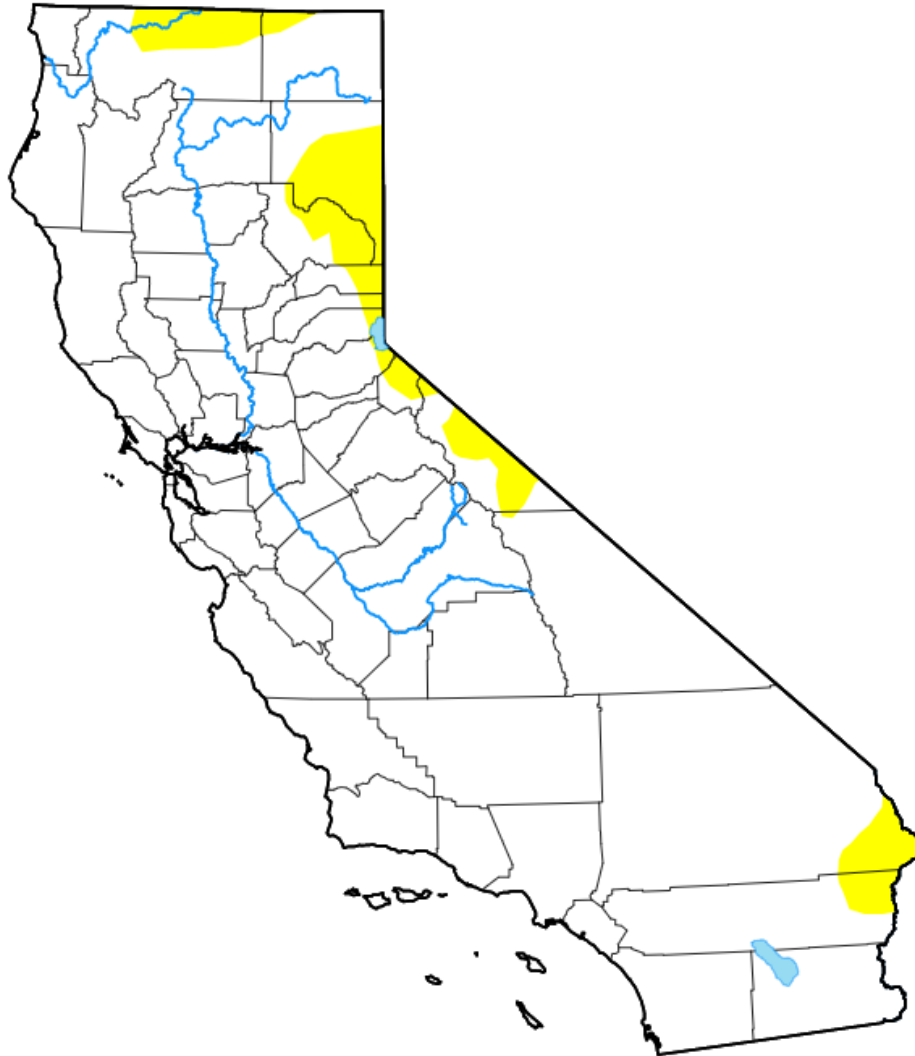
### CALIFORNIA MAJOR WATER SUPPLY RESERVOIRS CURRENT CONDITIONS

Midnight - February 11, 2024



Updated 02/12/2024 12:48 PM

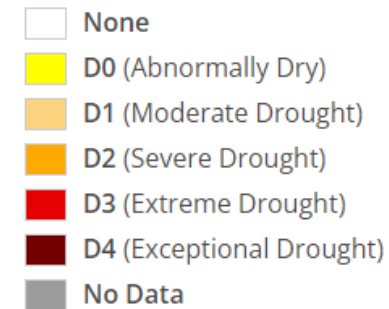
# California Drought Monitor



Map released: Thurs. February 8, 2024

Data valid: February 6, 2024 at 7 a.m. EST

## Intensity



## Authors

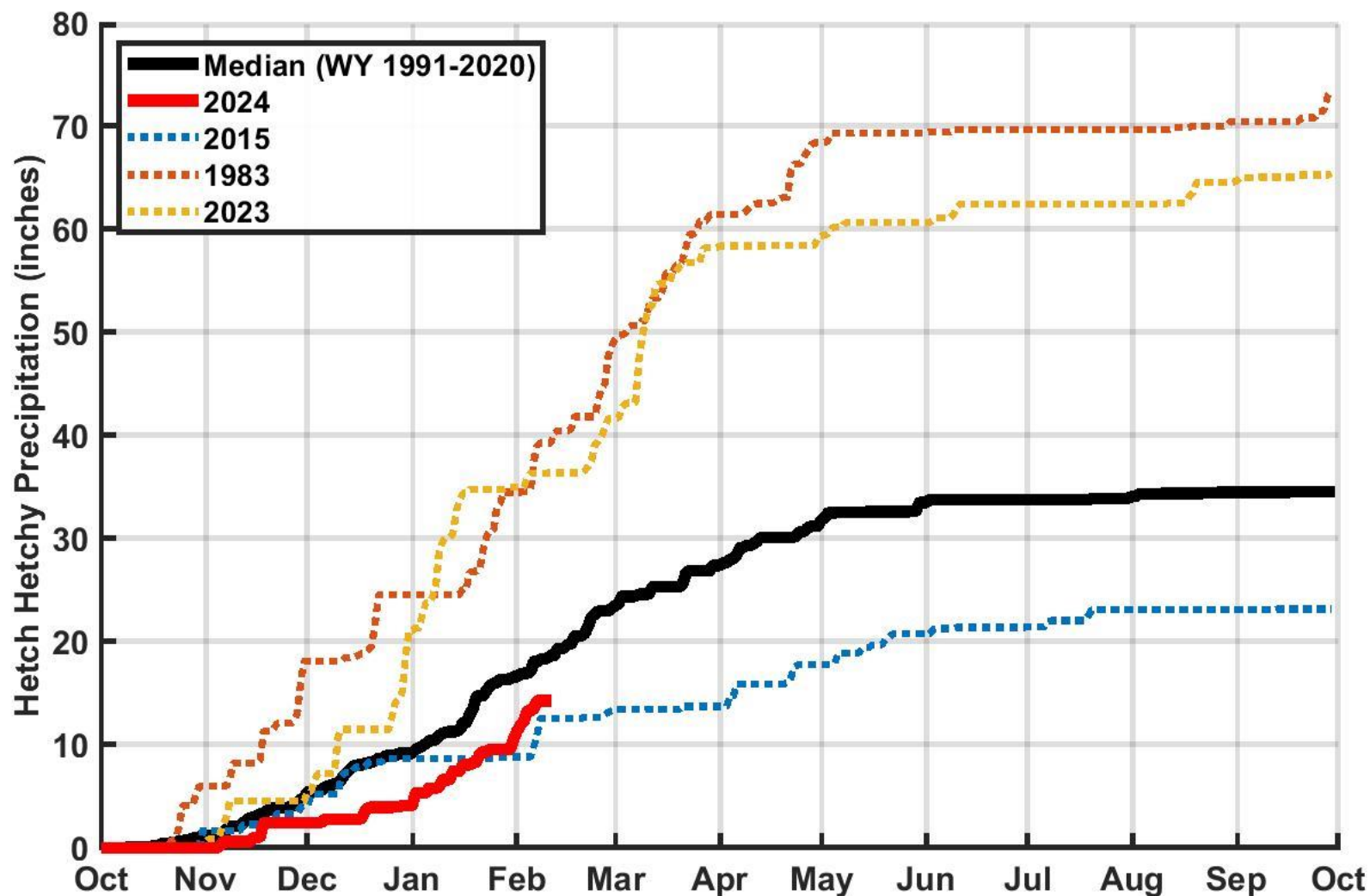
United States and Puerto Rico Author(s):

[Deborah Bathke](#), National Drought Mitigation Center

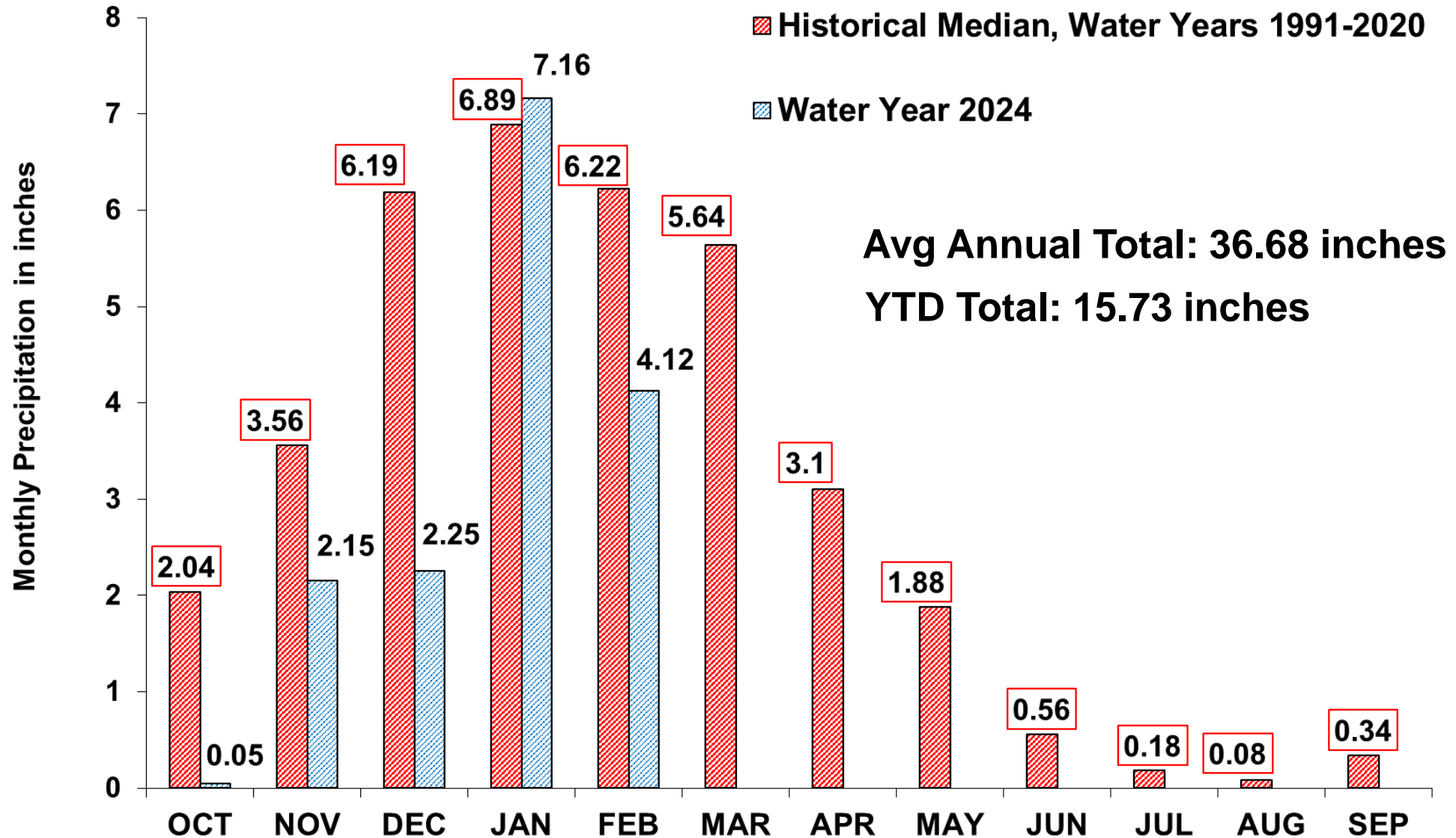
Pacific Islands and Virgin Islands Author(s):

[Richard Tinker](#), NOAA/NWS/NCEP/CPC

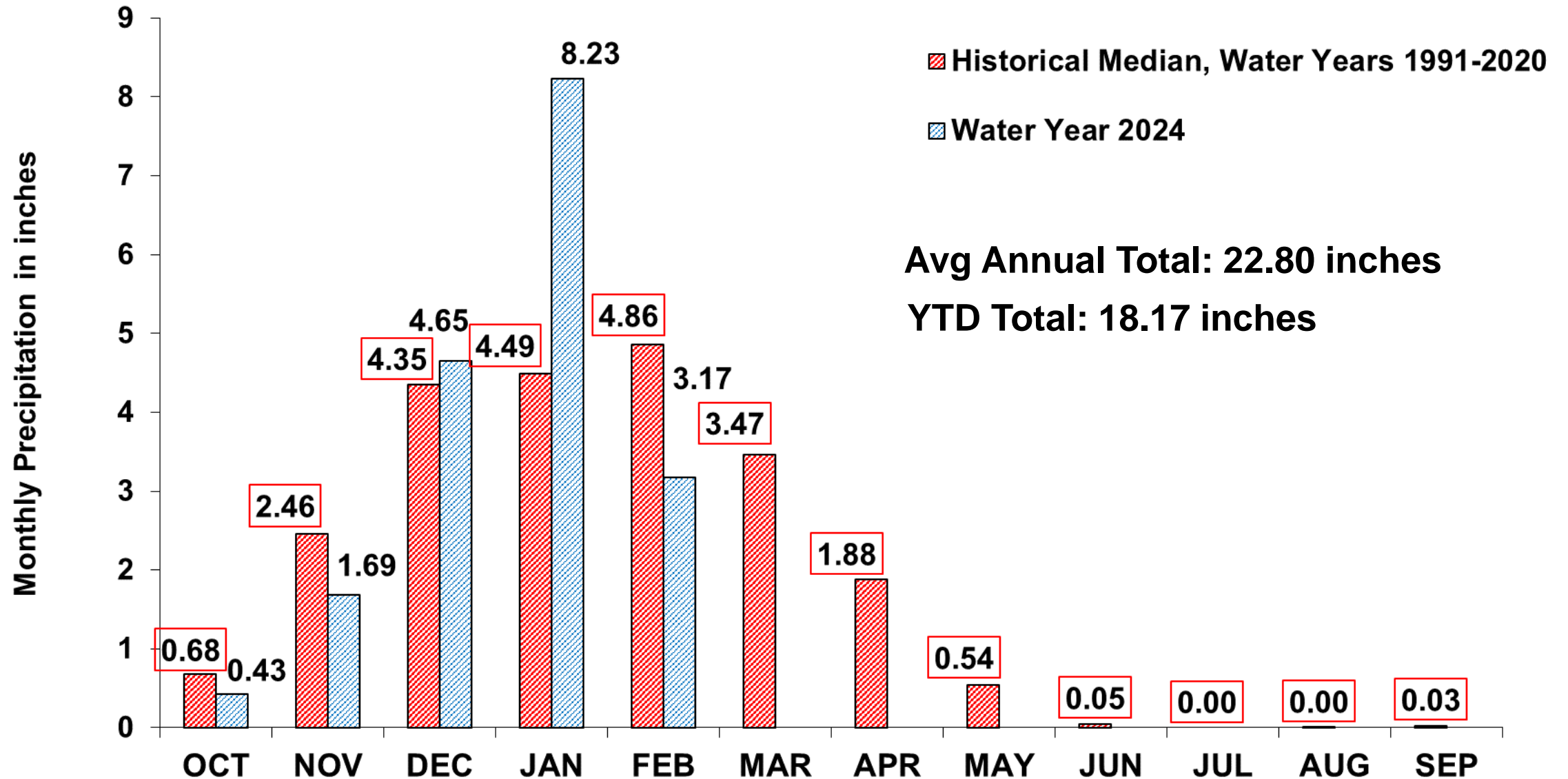
# Hetch Hetchy Precipitation as of 2/11/24



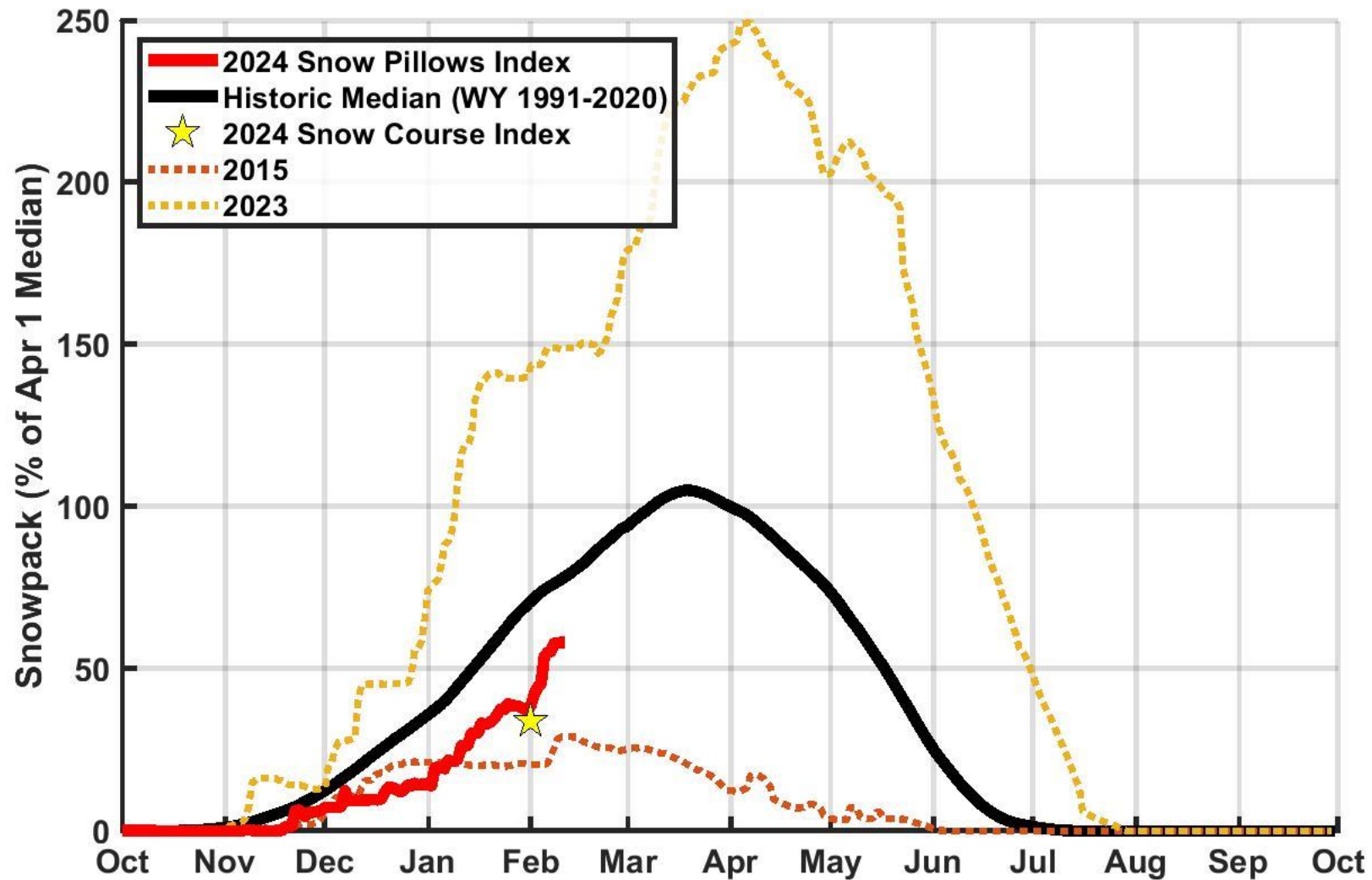
# Upcountry 6-station Precipitation Index as of February 11, 2024



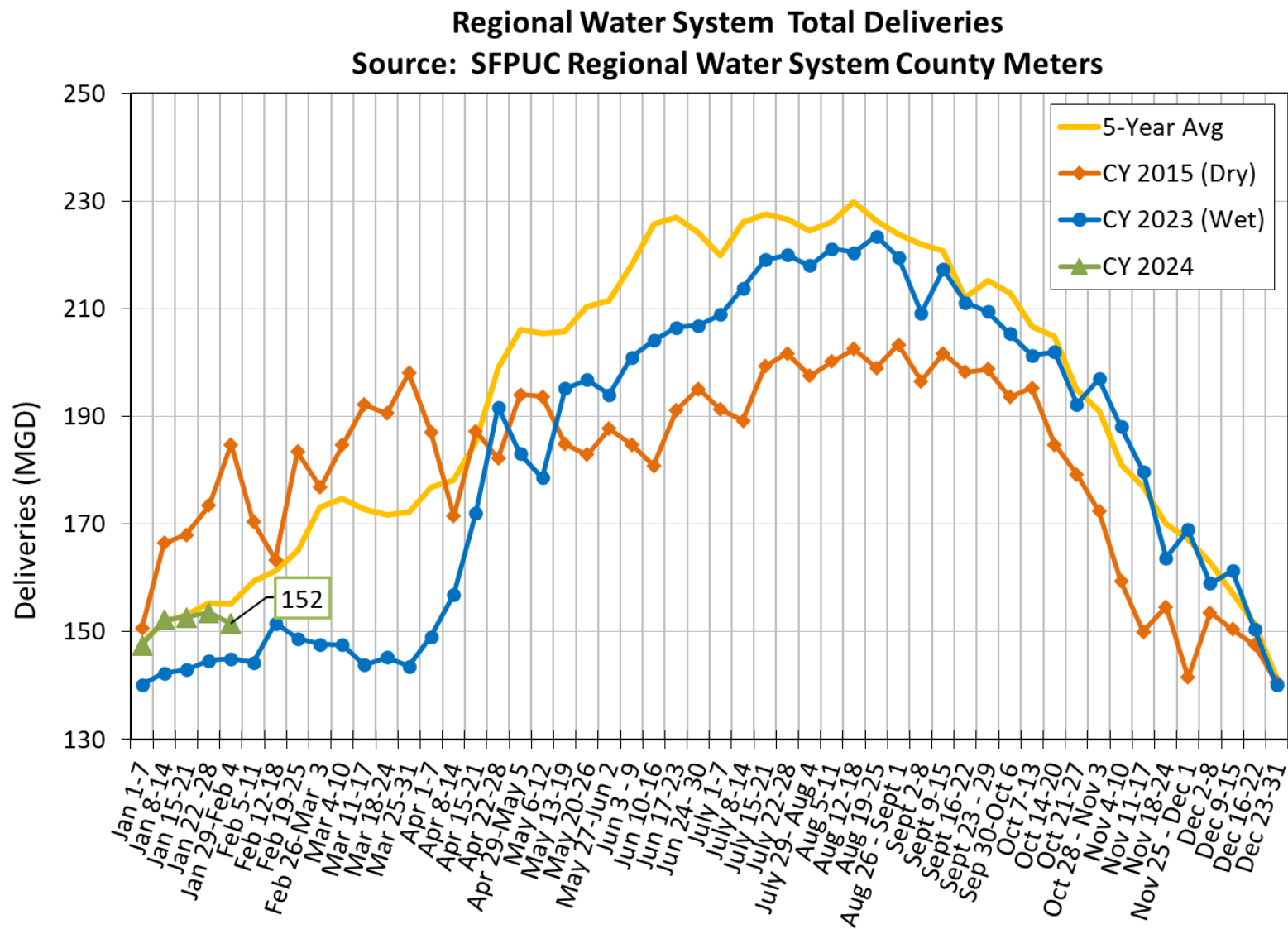
# Bay Area 7-station Precipitation Index as of February 11, 2024



# Upcountry Snowpack



# Total Deliveries

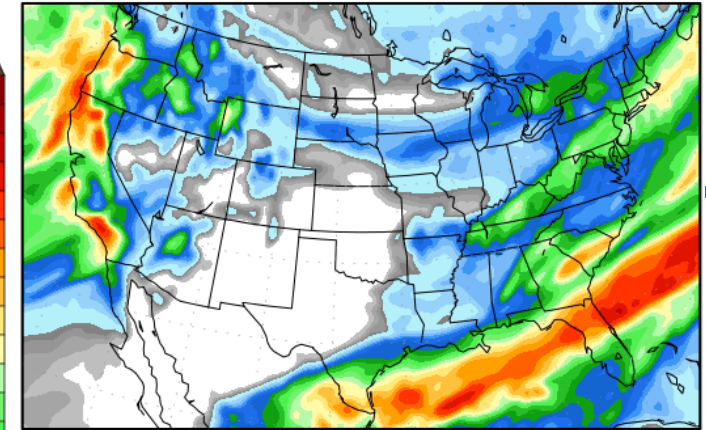
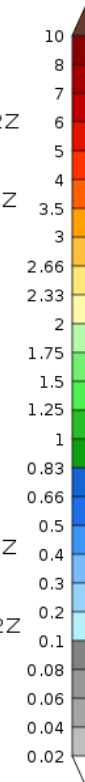


# National Precipitation Forecast

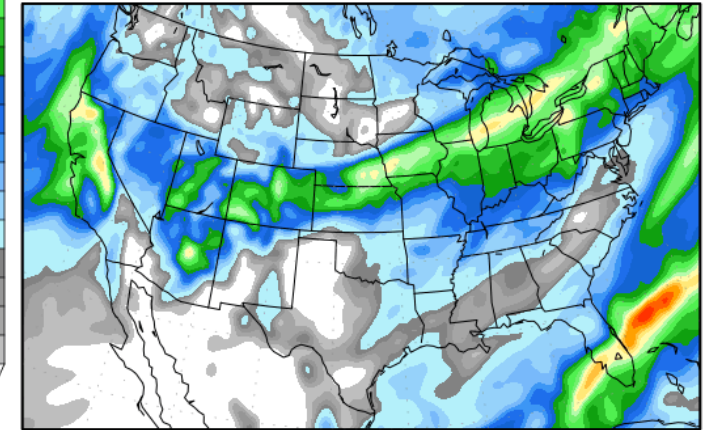
## Precipitation Forecasts

Precipitation (in)  
during the period:

Mon, 12 FEB 2024 at 12Z  
-to-  
Tue, 20 FEB 2024 at 12Z

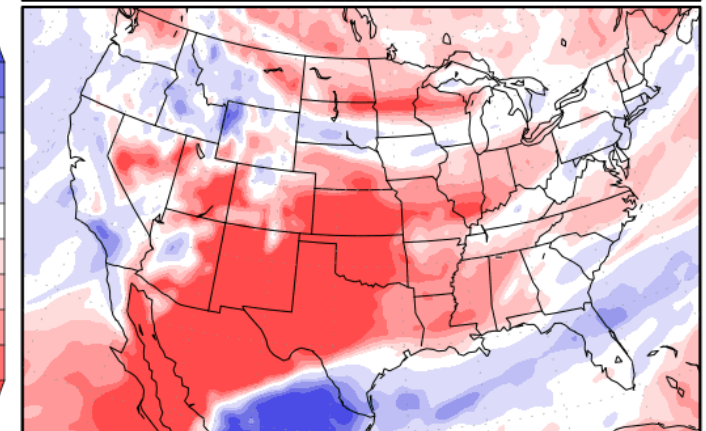
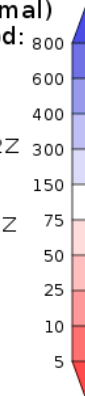


Tue, 20 FEB 2024 at 12Z  
-to-  
Wed, 28 FEB 2024 at 12Z



Precipitation (% of normal)  
during the first period:

Mon, 12 FEB 2024 at 12Z  
-to-  
Tue, 20 FEB 2024 at 12Z



Precipitation forecasts from the National Centers for Environmental Prediction.  
Normal rainfall derived from Xie-Arkin (CMA) Monthly Climatology for 1979-2003.  
Forecast Initialization Time: 12Z12FEB2024

# Bay Delta Plan and FERC Process



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**BAWSCA**  
Bay Area Water Supply & Conservation Agency

# Developments on Bay Delta Phase I and Phase 2 Plan Amendments and Voluntary Agreements

Delayed

- Phase I Voluntary Agreement (VA): CEQA review ongoing
  - Tuolumne River Scientific Basis Report Supplement for Phase I VA – anticipated in Fall 2023
  - Staff Report (CEQA Equivalent) for Phase I VA – Winter/Spring 2024
  - State Board workshop & consideration of Phase I VA – Winter/Spring 2024
- Sacramento/Delta Updates to the Bay Delta Plan (Phase 2 Plan) and VA
  - September 28, 2023: Draft Phase 2 Plan Staff Report released for public review & comment
  - Written comments were due on Jan. 19, 2024
  - BAWSCA submitted comments
  - **“The Board plans to consider adoption of the Sacramento/Delta updates in late 2024 during a public process.”**



# Awaiting Court Ruling Following Conclusion of Oral Arguments in State Water Board Cases

- Oral argument in the State Water Board Cases concluded on October 24, 2023
- On October 25, 2023, the Judge issued an Order separating the case into two phases
  - “Merits” Phase
  - “Potential Remedies” Phase
- This change extends the timeline for final decision to potentially early summer
  - “Merits” Phase preliminary ruling by January 22, 2024
  - “Potential Remedies” Phase proceeding afterwards
- On January 18<sup>th</sup>, the Court issued an order indicating it needed more time to draft its ruling, citing complex subject matter and extensive record
- Court now has 90 days from January 18<sup>th</sup> to issue its ruling
  - Court indicated it expects to issue ruling “well before” that new deadline
  - **No ruling from Court as of today**



# Closed Session



Ragsdale, 2023



# Comments by Committee Members



BAWSCA 2018



# Next Meeting and Adjournment

## Next Meeting

April 10, 2024  
1:30 pm  
Burlingame Community Center

