



BAWSCA Service Area

Every drop counts. Use Water Wisely.

“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


June 8, 2022

Call to Order and Roll Call




Comments by Chair



 **Replace your lawn with a water-wise landscape**

We're in a drought, cut waste out.

BAWSCA
Bay Area Water Supply & Conservation Agency

 **Hetch Hetchy
Regional Water System**
Service of the San Francisco Public Utilities Commission

bawsca.org/conserve

Consent Calendar

- Adoption of Resolution #2022-08, Declaring that BPC meetings will continue to be held via Teleconference.
- Approval of April 13, 2022 Minutes



Public Comments on Items Not on the Agenda



Action Items



 **Only wash when the hamper's full**

 **Not full? Not today**


We're in a drought, cut waste out.


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Authorization of Professional Services Contract for Redesign and Implementation of Water Conservation Database



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Water Conservation Database (WCDB) Redesign & Implementation Support Services

- BAWSCA is soliciting proposals from qualified database development service providers to assist in the development and implementation of a redesigned and enhanced WCDB
- Project Timeline:
 - RFP issued - May 13, 2022
 - Proposals due - June 10, 2022
 - Interviews (if needed) - June 17, 2022
 - Selection – on or before June 30, 2022
 - Board approval – July 21, 2022
 - Work completion – on or before 4th Quarter FY 2022/23
- Budget: \$120K allocation in approved FY 2022-23 budget

WCDB Redesign & Implementation – Objectives and Key Tasks

- The redesigned WCDB should:
 - Provide a reliable and user-friendly interface for input of water use and conservation data
 - Facilitate ease of State Board reporting in accordance with SB 606 / AB 1668
 - Enable simple export of data for completion of BAWSCA's work plan (Annual Survey, Conservation Reporting, etc.)
 - Use a platform that provides a simple process for future database modifications
- Key Tasks:
 - Task 2 - Review existing WCDB
 - Task 3 - WCDB redesign scope & needs assessment with significant WMR engagement
 - Task 4 - Develop WCDB
 - Task 5 - User training
- BAWSCA will require that the selected consultant provide
 - On-going technical support (of the redesigned WCDB) and
 - Offer a one-year warranty on the package developed

Recommended Action

That the Committee recommend the Board authorize the CEO/General Manager to negotiate and execute a contract with the selected consultant, subject to legal counsel's final review, for an amount not to exceed \$120,000 to support the redesign and implementation of BAWSCA's WCDB.

Authorization of Professional Services Contract with Maddaus Water Management to Support Member Agencies with Water Use Efficiency Legislation

Item #5B



Water Use Efficiency Legislation Requirements Support Services for Commercial, Industrial and Institutional (CII) Accounts

- BAWSCA issued a Request for Proposal (RFP) to secure professional services to:
 - Help member agencies understand and meet new State standards for water use efficiency
 - Develop, identify, and implement requirements for CII performance measures
- BAWSCA intends to partner with Valley Water on this effort
 - MOA prepared and undergoing final legal review by the parties
 - Valley Water may provide a 50% cost share, up to a maximum of \$75k
 - Work will support BAWSCA member agencies and Valley Water retail agencies
- Timeline:
 - RFP issued on April 22, 2022
 - One proposal received from Maddaus Water Management
 - Selection by June 2022 – currently refining scope of work and cost estimate
 - Board approval – July 21, 2022
 - Completion expected on or before 4th Quarter FY 2022/23
- Budget: \$86K allocation in approved FY 2022-23 budget

Consultant Work Product and Key Tasks

- Task 2 – Prepare a CII Classification System Roadmap
 - The roadmap will describe reporting requirements and best practices for mapping and maintaining the CII classification system as will be required by the State
- Task 3 – Prepare a CII Dedicated Irrigation Meter Conversion Threshold Roadmap
 - The roadmap will describe reporting requirements for the CII DIM Conversation Threshold performance measure and provide best practices for: 1) identifying CII landscapes that meet this requirement, and 2) determining which compliance pathway is most technically and financially feasible
- Task 4 – Prepare a CII Best Management Practices Roadmap
 - The roadmap will describe reporting requirements and best practices for developing and implementing a CII BMP program
- Each roadmap will surface potential challenges agencies will encounter when implementing the CII performance measure requirements and provide solutions to ensure agencies achieve compliance

Recommended Action

That the Committee recommend the Board authorize the CEO/General Manager to negotiate and execute a contract between BAWSCA and Maddaus Water Management subject to legal counsel's final review, for an amount not to exceed \$86,000 to provide support services to develop compliance strategies for new California water use efficiency standards.

Acceptance of BAWSCA's Amended Conflict of Interest Code



Acceptance of BAWSCA's Amended Conflict of Interest Code

- BAWSCA must review its Conflict of Interest Code every even-numbered year or as needed when applicable organizational changes necessitate amendments
- Code last reviewed in 2018 and amended to revise the title of a designated position to “Finance Manager”
- Code approved in 2018 did not reflect the current organizational chart in the list of designated positions, specifically Senior Water Resources Engineer position
 - Board authorization provides for flexibility in the water resources staff level position: Water Resources Specialist/Engineer and Senior Water Resources Specialist/Engineer
 - Negin Ashoori, Senior Water Resources Engineer hired in Fall 2019
- 2021 Code review by BAWSCA staff and legal counsel, in concert with the FPPC, resulted in FPPC approving an amended Code that includes a new designated position of “Senior Water Resources Engineer”

Recommended Action

That the Committee recommend the Board accept the amended Conflict of Interest Code, as approved by the FPPC.

(note: underlined language reflects addition to recommended action presented in staff memo)

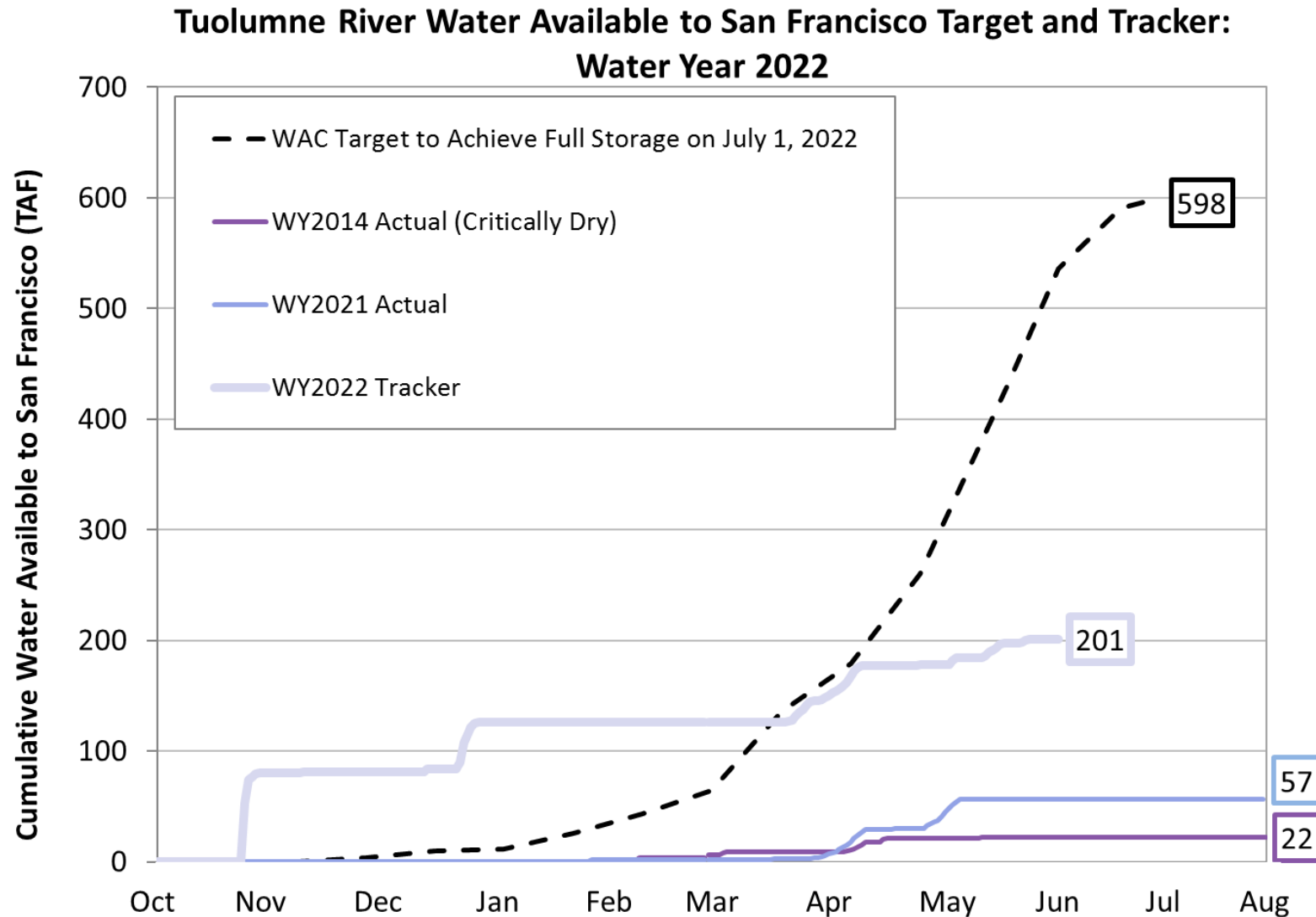
CEO Reports



June 6, 2022 Reservoir Storage

Reservoir	Current Storage ^{1,2,3} (AF)	Maximum Storage ⁴ (AF)	Available Capacity (AF)	Percent of Maximum Storage	Normal Percent of Maximum Storage ⁵
<u>Tuolumne System</u>					
Hetch Hetchy	362,900	360,360	0	100.0%	95.0%
Cherry	271,300	273,345	2,045	99.3%	-
Eleanor	26,620	27,100	480	98.2%	-
Water Bank	239,852	570,000	330,148	42.1%	95.5%
Total Tuolumne Storage	900,672	1,230,805	332,673	73.2%	-
<u>Local System</u>					
Calaveras	61,973	96,670	34,697	64.1%	-
San Antonio	47,590	53,266	5,676	89.3%	-
Crystal Springs	50,489	58,309	7,820	86.6%	-
San Andreas	12,456	19,027	6,571	65.5%	-
Pilarcitos	2,825	3,030	205	93.2%	-
Total Local Storage	175,333	230,302	54,969	76.1%	-
Total System Storage	1,076,005	1,461,107	387,642	73.6%	86.4%
Total without water bank	836,153	891,107	57,494	93.8%	-

Tuolumne River Water Available to the City



National Precipitation Forecast

Precipitation (in)
during the period:

Mon, 06 JUN 2022 at 00Z

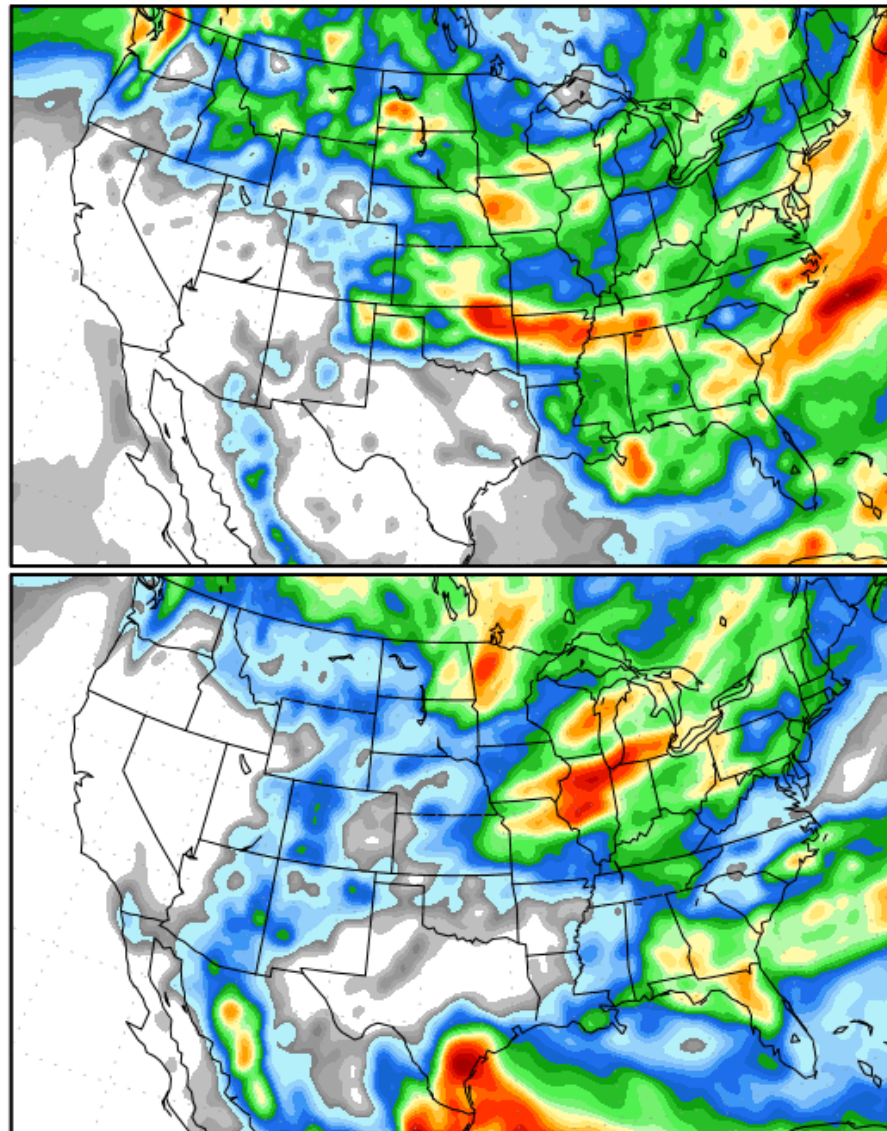
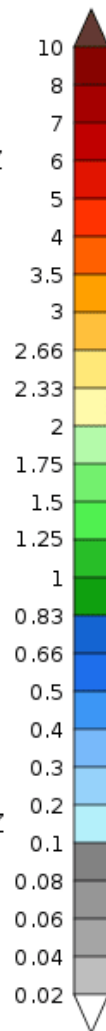
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Tue, 14 JUN 2022 at 00Z

Tue, 14 JUN 2022 at 00Z

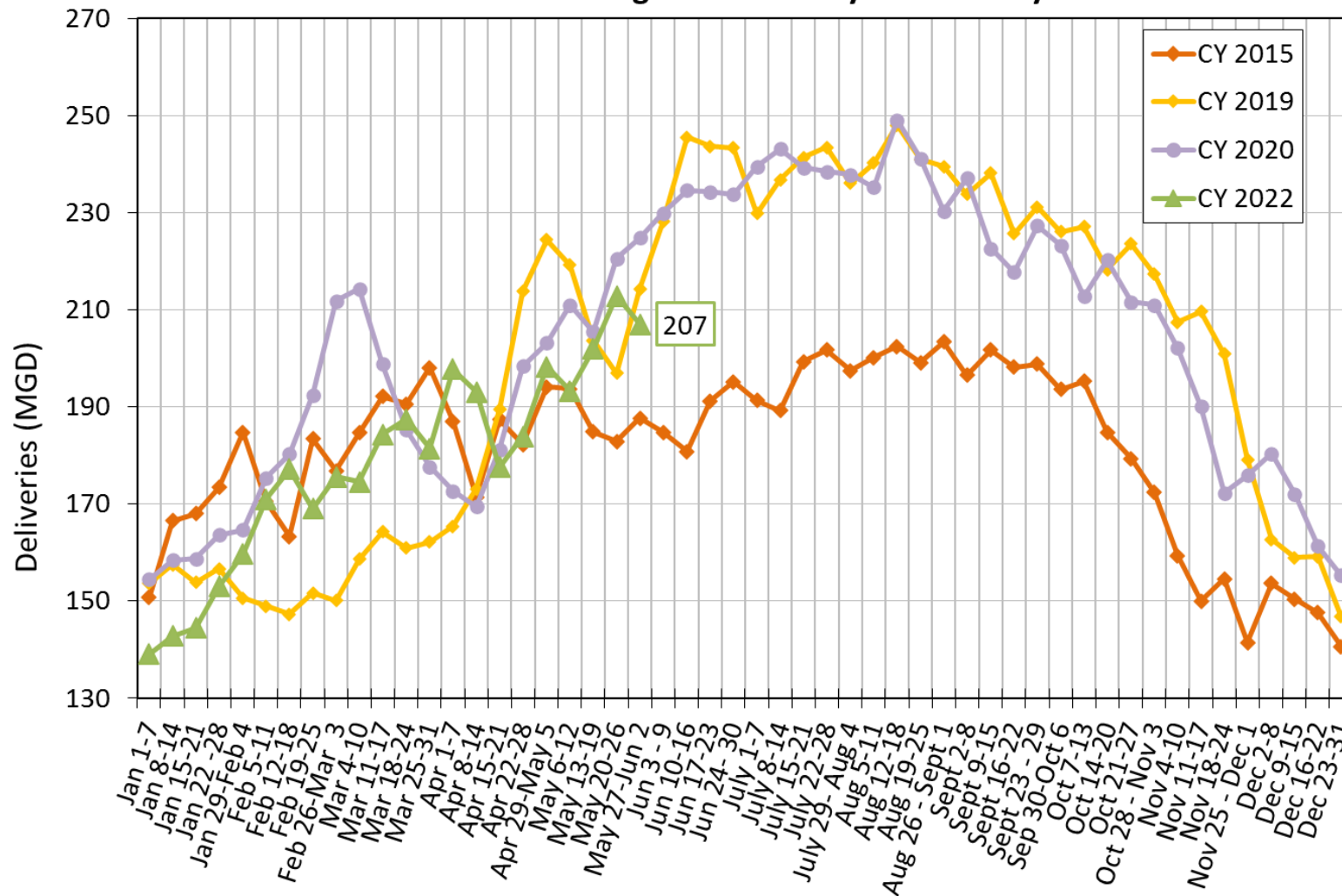
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Wed, 22 JUN 2022 at 00Z

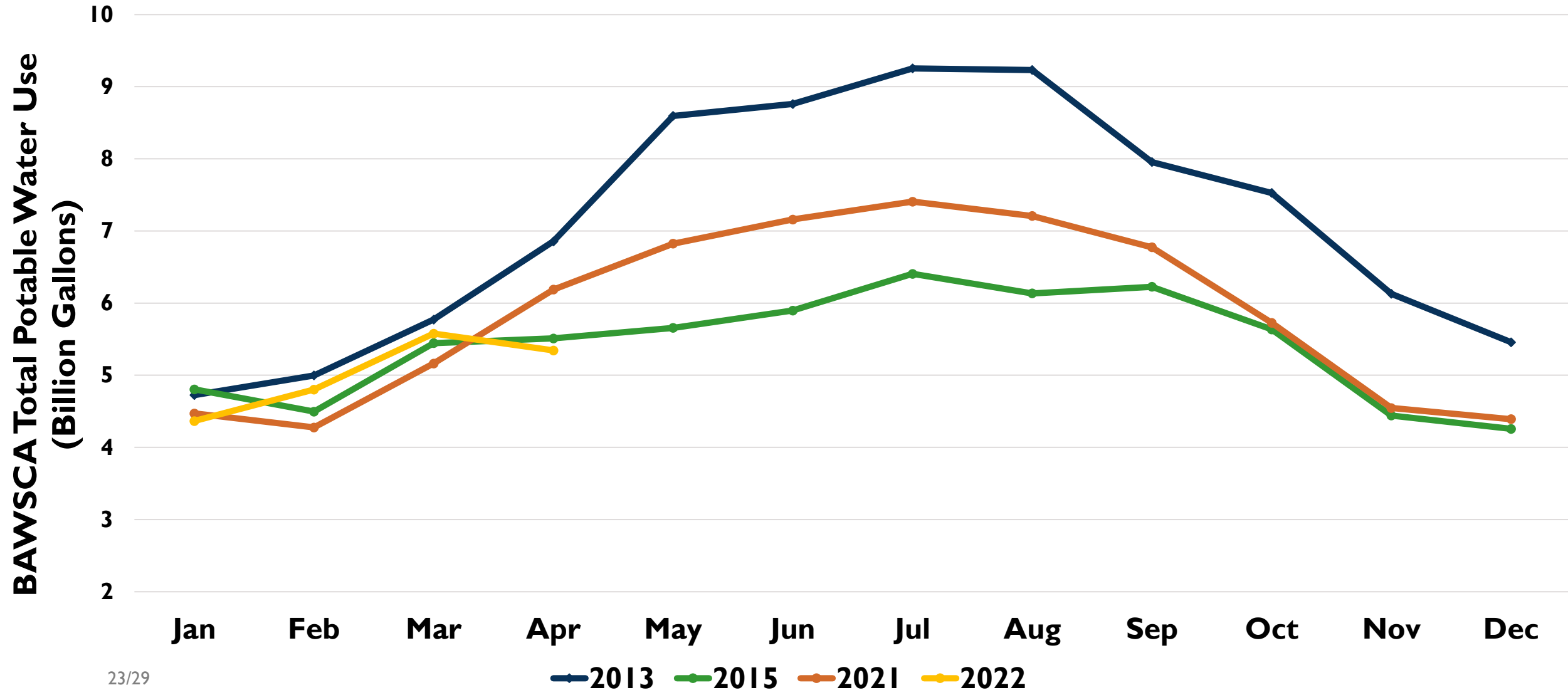


Total Deliveries

Regional Water System Total Deliveries
Source: SFPUC Regional Water System County Meters



BAWSCA April 2022 Total Potable Water Use 21.5% Less Than April 2013 and 13.7% Less Than April 2021



Drought Emergency Regulations – Stage 2 Water Shortage Contingency Plan Demand Reduction Actions

- May 24th – State Water Board adopted regulations requiring water suppliers implement all conservation actions in their locally adopted plans meant to address at least a water shortage level of 10 to 20 percent (Level 2) by June 10th
- Status of Member Agencies:
 - 15 agencies have already declared a Stage 2 water shortage
 - 5 agencies plan to declare a Stage 2 water shortage
 - 1 agency plans to implement demand reduction actions associated with a Stage 2 water shortage without making a formal declaration
 - 1 agency is determining whether to declare Stage 2 or simply implement the demand reduction actions
 - 4 agencies are not impacted (i.e., Brisbane/GVMID, Purissima, and Stanford are not urban water suppliers as defined by the CA Water Code)

Drought Emergency Regulations – Other Requirements

- Urban water suppliers were required to submit preliminary water supply and demand assessments (WSDA) to the Department of Water Resources by June 1st
 - Final WSDAs required by July 1st
- Owners and managers of commercial, industrial, and institutional properties must not use potable water for irrigating non-functional turf
 - Non-functional turf is defined as ground cover surface of mowed grass that is ornamental and not otherwise used for human recreation purposes
 - Non-functional turf does not include school fields, sports fields, and areas regularly used for civic or community events
 - The ban does not apply to irrigation with recycled or non-potable water
 - The ban only applies to the commercial, industrial, and institutional (CII) sectors and HOAs where the turf is HOA property
 - The regulation does not restrict the watering of trees

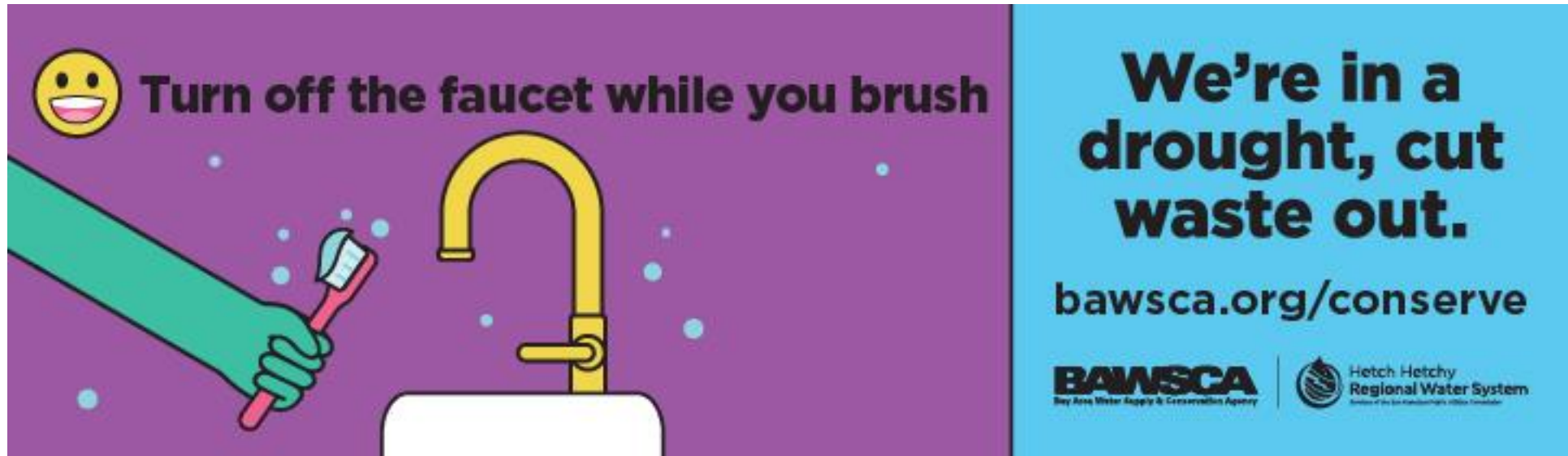
BAWSCA Focused on Protecting Water Users Interests in State's Bay Delta Plan Efforts

- In 2019, BAWSCA intervened in Bay Delta lawsuit to protect the unique interests of the Wholesale Customers
 - Whatever San Francisco agrees to or is subject to as a result of the Bay Delta Plan lawsuit, the Wholesale Customers will pay 2/3 of the cost in both money and water
 - By intervening, BAWSCA will be able to participate directly in settlement negotiations
- BAWSCA continuing to press SFPUC to clarify its plan to protect the water supply for its constituents in light of impacts of adopted Bay Delta Plan
 - It is SFPUC's responsibility to resolve this issue given its obligations to BAWSCA agencies and the environment
 - Commission needs to intensify its efforts with State Board and Governor's staff to resolve issue
- BAWSCA efforts are continuing on multiple fronts
 - Legal action remains ongoing
 - Pressing for negotiations on a voluntary agreement with State, SF, and others
 - Working to identify other avenues for legislative support to protect water customers
 - SFPUC Alternative Water Supply Program planning work continues as necessary

Closed Session



Comments by Committee Members



Next Meeting and Adjournment

Next Meeting

August 10, 2022

1:30 pm

Location and Format TBA