
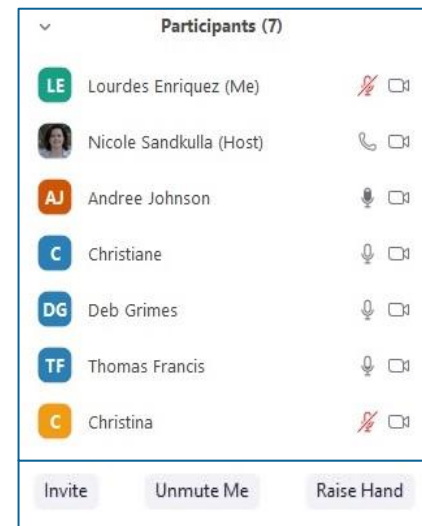


Meeting Instructions While We Gather

- You have been muted upon entry
 - Please feel free to unmute yourself to say “Hi” and test your sound connection
 - Please mute yourself during meeting when you are not talking
 - **During the meeting, BAWSCA staff will mute your sound and video if necessary**

 - The **Raise Hand** button is at the bottom of your “Participants” list.
 - To get the “Participants” list, click on the “Participants” button at the bottom of your Zoom Screen.
- 
- If you have technical difficulties, please text Lourdes at 650-799-3854

Bottom left corner
of your screen





BAWSCA Service Area

“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 10, 2021

Call to Order and Roll Call



L. Ash, 2017

Comments by the Chair



Public Comment on Items Not on the Agenda



Jensen, 2011

Consent Calendar



S. Ritchie, 2019

Action Calendar



Jensen, 2011

FY 2021-22 Bond Surcharges Conform to BAWSCA's Bond Indenture

- BAWSCA calculates surcharges every year
 - to pay debt service payments,
 - bond administration expenses, and
 - replenish the Stabilization Fund as necessary
- No change in the methodology from last year
- Total surcharge for FY 2021-22 is \$24,692,592
 - equivalent to \$0.39/Ccf or \$170/AF (assuming SFPUC's projected wholesale water consumption 129 mgd)

Proposed FY 2021-22 Bond Surcharges

Agency	Annual Bond Surcharge	Monthly Bond Surcharge	Agency	Annual Bond Surcharge	Monthly Bond Surcharge
Alameda County WD	\$1,381,116	\$115,093	Mid Pen WD	\$513,000	\$42,750
Brisbane Water	\$55,380	\$4,615	Millbrae	\$321,240	\$26,770
Burlingame	\$645,276	\$53,773	Milpitas	\$1,265,664	\$105,472
Coastside County WD	\$145,620	\$12,135	Mountain View	\$1,395,312	\$116,276
CWS - Bear Gulch	\$2,299,284	\$191,607	North Coast WD	\$388,512	\$32,376
CWS - Mid Peninsula	\$2,442,804	\$203,567	Palo Alto	\$1,737,240	\$144,770
CWS - South SF	\$830,532	\$69,211	Purissima Hills WD	\$321,720	\$26,810
Daly City	\$765,468	\$63,789	Redwood City	\$1,657,920	\$138,160
East Palo Alto WD	\$282,132	\$23,511	San Bruno	\$185,640	\$15,470
Estero Municipal ID	\$810,408	\$67,534	San Jose (North)	\$719,796	\$59,983
Guadalupe Valley	\$48,504	\$4,042	Santa Clara	\$836,796	\$69,733
Hayward	\$2,521,752	\$210,146	Stanford University	\$251,124	\$20,927
Hillsborough	\$468,768	\$39,064	Sunnyvale	\$1,714,320	\$142,860
Menlo Park	\$509,076	\$42,423	Westborough WD	\$178,188	\$14,849
Total				\$24,692,592	\$2,057,716

Excess Stabilization Funds Not Reflected in Proposed FY 2021-22 Surcharges

- Current excess stabilization fund balance is approx. \$1.25M
 - Excess has been built up due to both the investment earnings and an increase in the market value of the existing investments
- In the next 6-12 months, the excess fund balance is estimated to be between \$675K and \$1.35M
 - Range reflects Investment Advisor's expectation of the current market and interest earnings that the portfolio continues to receive
- BAWSCA evaluated all possible uses for the excess funds
- Preliminary recommendation is to use them to pay down the principal amount at the time of 2013A bonds refunding
 - Possibly use to fund the non-contingent cost of issuance for the refunding that is currently estimated to be approx. \$200K

Recommendation

That the Committee recommend Board approval of the proposed FY 2021-22 bond surcharges.

Reports and Discussion Items



Jensen, 2011

Preliminary FY 2021-22 Work Plan Will Achieve BAWSCA's Goals

- Preliminary Work Plan aligned with BAWSCA's legislated authority and three goals
 - Table 1 presents draft Preliminary Work Plan
 - Table 2 presents activities not included
- Addresses critical issues identified between now and 2050
- Includes additional program activity and staff time to:
 1. Provide drought support to member agencies
 2. Scope an update to BAWSCA's 2009 Long-term Reliable Water Supply Strategy (Strategy)
 3. Refresh & update BAWSCA 2020 Regional Water Demand and Conservation Projections Study (2020 Demand Study)
 4. Initiate development of an updated Tier 2 Drought Implementation Plan
 5. Refund BAWSCA's Revenue Bonds Series 2013A
 6. Addressing BAWSCA's unfunded pension liability
 7. Implement a new diversity Internship Program

Preliminary Budget Reflects Board Input Provided During Budget Planning Session

- 5 comments provided by Board
- 4 comments addressed in preliminary FY 2021-22 Work Plan
- Analysis in response to a single comment will be provided with materials for March Board meeting
 - “Please review the option to hire staff vs. continuing to utilize consultants”

Major Tasks in FY 2021-22 Preliminary Work Plan – *Reliable Water Supply*

- Facility Reliability: Monitor SFPUC WSIP, 10-Year CIP, Asset Management Program and Emergency Response



SFPUC Biennial
Budget
FY2020-21 and
FY2021-22

Water Enterprise

January 23, 2020
Steven R. Ritchie
Asst. General Manager, Water



HETCH HETCHY WATER SYSTEM IMPROVEMENT PROGRAM

QUARTERLY REPORT

Regional Projects
Q2 FY 2020 | 2021
October 2020 — December 2020

Rebuilding Today for a Better Tomorrow

Major Tasks in FY 2021-22 Preliminary Work Plan – *Reliable Water Supply*

- Long-Term Supply Solutions: Implement Strategy
 - *Refresh & update BAWSCA's 2020 Demand Study*
 - *Scope update to BAWSCA's Strategy*
 - Participate in development of Bay Area Regional Reliability (BARR) Phase 2 (Water Marketing Strategy) with other water agencies
 - Complete Potable Reuse Exploratory Plan (PREP) Phase 2 feasibility study
 - Utilize the BAWSCA Reliability Model to evaluate impacts on water supply from climate change, Bay Delta Plan voluntary agreements, alternative new supplies, and drought rationing. *Facilitate use of BAWSCA member by member agencies via a new subscription program.**

Refresh & Update BAWSCA's 2020 Demand Study

- BAWSCA 2020 Demand Study completed in June 2020 following 18 months of work with member agencies
 - Schedule driven by need to support member agencies' Urban Water Management Plan (UWMP) development
- Significant changes have occurred since study was initiated that impact demand projections
 - COVID-19
 - State's efficiency guidelines, anticipated Fall 2021
 - SFPUC climate change study results anticipated in Spring 2021
 - Results of 2020 UWMPs
- Extensive “refresh” of the 2020 Demand Study will address these issues with agency-specific feedback and involvement
- Anticipated that these demand projections will support SFPUC's Alternative Water Supply Planning Program
- Estimated FY 2021-22 cost: \$200k

Complete Scoping for an Update to BAWSCA's 2009 Strategy

- BAWSCA Strategy initiated in 2009 and completed in 2015
 - Comprehensive regional assessment of member agencies' water supply reliability needs
 - Evaluation of potential water management actions that could be implemented
 - Identification of recommended actions to increase regional reliability
- Strategy recommendations implemented through annual Work Plan
 - BAWSCA Pilot Water Transfer, Los Vaqueros Enlargement, PREP and BARR, support for member agencies local projects, and increased efforts for water conservation
- Changes in member agency projections, SFPUC actions and Regional Water System reliability, and State efficiency requirements indicate an update is timely
- Estimated FY 2021-22 cost: \$50k

Major Tasks in FY 2021-22 Preliminary Work Plan – *Reliable Water Supply*

- Near-Term Supply Solutions: Water Conservation
 - *Provide drought support to member agencies and their customers*
 - Represent member agency interests in discussions related to “Making Water Conservation a Way of Life” requirements
 - Provide coordination to support AMI implementation and data management
 - Implement existing core conservation programs that benefit all customers
 - Implement existing subscription water conservation programs
 - *Implement two new subscription programs: Irrigation Hardware Rebates and Residential Self Audit tool**
 - *Develop a leak repair and training certification program for implementation in FY 2022-23*

Provide Drought Support to Member Agencies and Their Customers

- Hydrologic conditions for water year 2020-21 indicate potential for drought conditions
- SFPUC will continue to assess Regional Water System (RWS) water supply availability
 - Regular updates including final estimate by April 15th
- BAWSCA provided assistance to member agencies during most recent drought (2014-2017)
- Possible actions for BAWSCA include
 - Demand management actions to reduce use (e.g., increased conservation programs, public outreach)
 - Work with SFPUC/others as needed to bring on new supplies
 - Regulatory and policy support
- Estimated FY 2021-22 cost: \$26K

Develop Leak Repair and Training Certification Program for Implementation in FY 2022-23

- BAWSCA began development of a leak repair and training certification program this year
 - New program that must be developed from scratch
 - Partnering with Valley Water to develop and possibly implement
- Program development efforts next year will include
 - Research training methods and procedures to employ
 - Develop program promotion plan
 - Develop methods for testing and certification
- Strong member agency support for this program
 - Targets an important water use sector with potential for savings
- Estimated FY 2021-22 cost: \$34K

Twelve Existing and Planned Core Conservation Programs for FY 2021-22

Water Efficient
Landscape
Education Classes

now 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

Participation in
Technology
Research Pilot
Projects and
Studies

Water Loss
Evaluation and
Knowledge (LEAK)
Workgroup

Advanced
Metering
Infrastructure
(AMI) Support

Water
Conservation
Database (WCDB)

Public Outreach

Leak Repair Training
Program

New for FY 21-22!

Residential Self-
Audit Program

New!

Fourteen Existing and Planned Subscription Conservation Programs for FY 2021-22

Lawn Be Gone! Turf Replacement Rebates	EarthCapades School Assemblies <i>now virtual!</i>	Large Landscape Audits	Water Loss Management Program
Rain Barrel Rebates	Water-Wise School Education Kits & Curriculum <i>now virtual!</i>	WaterSmart Customer Engagement	Customer Meter Accuracy Testing
Smart Controller Rebates	WaterSense Fixtures Bulk Orders	Lawn Be Gone! Inspection Services	DSS Model Support Services
	Landscape Area Measurements <i>New for FY 21-22!</i>	Irrigation Hardware Upgrade Rebates <i>New!</i>	

Major Tasks in FY 2021-22 Preliminary Work Plan – *Reliable Water Supply*

- Protect Water Supply Interests in Administering 2009
 - *Monitor SFPUC's development of new supplies through its Alternative Water Supply Planning Program **
 - Protect members' water supply interests to ensure SFPUC meets its legal and contractual obligations for water supply reliability
 - Adopt 4th temporary extension of Tier 2 drought allocation plan
 - *Initiate development of an updated Tier 2 drought allocation plan*
 - Protect members' water supply and financial interests in the SFPUC's required 2028 decisions
- Protect Members' Interest in Reliable Water Supply
 - SWRCB Bay Delta Water Quality Control Plan
 - La Grange and Don Pedro FERC Relicensing

Initiate Development of an Updated Tier 2 Drought Implementation Plan

- Tier 2 Plan allocates the Wholesale Customers' share of available water supply from Regional Water System during a drought among individual Wholesale Customers
- Existing Tier 2 Plan first adopted in 2011 and expired Dec. 31, 2018
 - Has been extended each year by BAWSCA Board since its expiration
 - Current expiration Dec. 31, 2021
- Renegotiation on hold pending information regarding new statewide water use efficiency requirements and completion of UWMPs
 - State guidelines expected in October 2021
- Development of a new Tier 2 Plan can be initiated in Fall 2021
 - Will take more than one year
 - Significant involvement of member agencies thru Water Mgmt. Reps
- A new Tier 2 Plan must be adopted by governing body of each member agency
- Estimated FY 2021-22 cost: \$75K

Major Tasks in FY 2021-22 Preliminary Work Plan – *Reliable Water Supply*

- Pursue Grant Opportunities
 - Pursue and use grant funds, including Prop I Integrated Regional Water Management conservation grant
 - Pursue grant funding with regional partners
 - Investigate potential grant funds to support Strategy implementation
- Reporting and Tracking of Water Supply and Conservation Activities
 - Annual Survey
 - Annual Water Conservation Report
 - *Review BAWSCA's Water Conservation Database and scope a possible update **

Major Tasks in FY 2021-22 Preliminary Work Plan – *High Water Quality*

- Support Member Agencies in Receiving Reliable Communication on Water Quality Issues
 - Coordinate members participation in Joint Water Quality Committee
 - Continue increased BAWSCA participation in Joint Water Quality Committee
 - Relay important information to member agencies

Major Tasks in FY 2021-22 Preliminary Work Plan – *Fair Price*

- Perform Matters Delegated to BAWSCA in 2009 WSA
 - Administer WSA to protect financial interests of member agencies*
 - Administer bonds issued by BAWSCA to retire capital debt owed to SF
 - *Work on the authorization and execution of the refunding of a portion of BAWSCA's bonds*

San Francisco Public Utilities Commission

Wholesale Revenue Requirement
for
Fiscal Year 2018-19

Financial Planning – Rate Administration
SFPUC, Business Services
525 Golden Gate Avenue, 4th Floor
San Francisco, CA 94102

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

10118728.1

Refunding of BAWSCA's Revenue Bond Series 2013A

- Objective of potential refunding of BAWSCA's 2013A bond funds is to generate debt service savings and save water customers money
- Recent funding analysis indicates that a tax-exempt forward delivery most appropriate
 - Ms. Tang will provide further details of funding analysis in separate item
- Preliminary cost estimate to refund bonds is \$1 – 1.2M
 - Both contingent and non-contingent cost
 - Contingent costs can be paid through the refunding bond proceeds
 - Non-contingent costs estimated at \$200k
- Estimated FY 2021-22 cost: \$200k

Major Tasks in FY 2021-22 Preliminary Work Plan – *Agency Effectiveness*

- Maintain Community Allies and Contacts with Environmental Interests
- Manage the Activities of the Agency Professionally and Efficiently
 - *Initiate a 3 to 6 month Underserved Student Internship Program*
 - *Implement Board policy directives for management of BAWSCA's unfunded pension liability obligations*

Initiate a New 3 to 6 Month Underserved Student Internship Program

- Implementation of an internship program was originally planned for this fiscal year
 - Put on hold due to COVID-19
- BAWSCA seeking an outside partner to provide support and other assistance to BAWSCA in program implementation
 - Reduce administrative burden on BAWSCA
 - Increased ability to reach qualified candidates
- Plan to release Request for Qualifications this Spring
- Select organization partner in time to start work July 1
- Unclear if it is possible to bring on an intern this fiscal year, but work will support subsequent year program
- Estimated FY 2021-22 cost: \$44K (assumes intern hired)

Implement Policies Related to Management of BAWSCA's Unfunded Pension Liability

- Board has initiated a discussion related to alternatives for management of BAWSCA's unfunded pension liability
- Ms. Tang will provide the financial analysis of alternatives as part of a separate agenda item
- Staff time to support this item is included in preliminary work plan at this time
- Cost to include in preliminary budget for FY 2021-22 will depend on feedback received from BPC

FY 2021-22: Initial Budget Considerations

- Operating budget continues to reflect Strategy implementation and updates
 - Demand study refresh and scoping for Strategy Update
 - Implementation of new conservation measures
- Regional Water System reliability remains 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
- Increased focus on financial issues internal to BAWSCA
- CEO to examine forecast for end of year spending
 - Understand impact on year end reserve balance and
 - Use of General Reserve to fund Operating Budget
- Considerations for funding the operating budget will be presented to Board in March
 - FY 2020-21 budget required no assessment increase and a \$334K transfer from General Reserve
 - Can be anticipated that funding FY 2021-22 budget will require more than just assessment increases
 - Board decision regarding bond refunding and addressing pension liability will dramatically impact overall budget

Next Steps

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



L. Ash, 2017

Financial Impact Analysis Performed for BAWSCA's Unfunded Pension Liability Funding Alternatives

- Projected pension UAL as of June 30, 2022: \$707,333
 - Scheduled to be paid off by 6/30/2038
 - CalPERS' required minimum contribution for FY 2021-22: \$68,648
- Goal: To pay off BAWSCA's unfunded pension liability sooner than what CalPERS' minimum amortization policy requires
- In December, BPC expressed preference for "Additional Discretionary Payments (ADPs)" option
 - Are allowed by the CalPERS any time and in any amount
 - Serves to reduce the UAL and result in significant long-term savings
- Based on BPC feedback received, a financial impact analysis was performed for differing ADP levels and alternative funding approaches

Estimated Present Value Savings of Alternative Unfunded Pension Liability Funding Approaches

Fiscal Year Ending June 30	Current Funding Schedule			Alternative #1			Alternative #2			Alternative #3			Alternative #4		
	Unfunded Liability (UAL) Balance	Amortization Payments (APs)	Present Value (PV) of APs	UAL Balance	APs	PV of APs	UAL Balance	APs	PV of APs	UAL Balance	APs	PV of APs	UAL Balance	APs	PV of APs
2022	707,333	68,648	68,648	707,333	727,423	727,423	727,423	376,010	376,010	727,423	259,052	259,052	727,423	165,805	165,805
2023	681,372	72,964	71,184	0	0	0	376,012	376,010	366,839	501,157	259,052	252,734	600,932	165,805	161,761
2024	648,949	77,454	73,721				0	0	0	259,052	259,052	246,569	465,586	165,805	157,816
2025	609,426	82,124	76,260						0	0	0	0	320,766	165,805	153,966
2026	564,754	84,426	76,486										165,808	165,805	150,211
2027	523,181	78,407	69,301										0	0	0
2028	476,556	80,479	69,396												
2029	424,466	82,607	69,494												
2030	366,468	84,793	69,594												
2031	302,087	87,040	69,695												
2032	230,810	89,348	69,799												
2033	152,091	91,720	69,904												
2034	65,333	94,157	70,011												
2035	49,826	19,413	14,082												
2036	32,769	19,861	14,056												
2037	14,041	20,322	14,032												
2038	(5,674)	20,796	14,009												
Total Payments		1,144,211	979,672		727,423	727,423		752,020	742,849		777,156	758,355		829,025	789,559
Estimated Savings					(416,788)	(252,249)		(392,191)	(236,823)		(367,055)	(221,317)		(315,186)	(190,113)

Next Steps

- Feedback from the BPC on the alternative funding approaches is requested
- Further investigation will focus on the potential funding sources for any additional UAL payments
- Guidance for any consideration of additional funding to be included in the FY 2021-22 Operating Budget would also be useful at this time



Jensen, 2011

Potential Refunding of Revenue Bond Series 2013 A

- Objective of a potential refunding of Series 2013A tax-exempt bonds is to save water customers money
 - Par amount: \$163.8 million
 - Call date: 4/1/2023
 - Average weighted interest rate: 4.75%
 - Preliminary estimated NPV savings: Over \$23 million assuming market conditions of 1/28/2021
- In January 2021, BAWSCA evaluated 3 refunding scenarios
 - Taxable advance refunding in mid-2021
 - Tax-exempt forward delivery, priced in Jan 2022 and delivered in Jan 2023
 - Tax-exempt regular delivery, priced near and delivered in Jan 2023

Tax-exempt Forward Delivery vs. Tax-exempt Regular Delivery

	TE Forward Delivery	TE Regular Delivery
Issuance Date	January 2023	January 2023
Timing of Pricing	Up to a year prior to delivery	Usually 2-4 weeks prior to delivery
Interest Rates	Higher due to a pricing premium	Lower due to no forward premium

- Tax-exempt forward delivery bonds have higher interest costs relative to tax-exempt regular delivery bonds, with the primary tradeoffs being able to lock in rates/savings earlier

Summary of Three Refunding Scenarios

Market Scenario:	A. Current Market Conditions			B. Current Market Conditions + 50 bps		
Refunding Scenario:	Taxable	TE Forward	TE Regular	Taxable	TE Forward	TE Regular
Approx. Pricing Timeframe:	in Mid 21	in Early 22	in Early 23	in Mid 21	in Early 22	in Early 23
Price Date vs. Taxable:	--	+6 mos.	+18 mos.	--	+6 mos.	+18 mos.
Est. Net PV Savings:	\$23,203,016	\$29,255,236	\$35,597,842	\$17,001,085	\$23,785,266	\$30,011,352
Pct. Bonds Refunded:	14.2%	17.9%	21.7%	10.4%	14.5%	18.3%
All-in True Interest Cost:	1.82%	1.63%	0.95%	2.32%	2.11%	1.43%
Negative Arbitrage Cost:	\$4,568,152	\$498,486	\$254,569	\$5,243,345	\$585,064	\$342,033
	Tax-exemt vs. Taxable Scenarios			Tax-exemt vs. Taxable Scenarios		
Est. Net PV Savings:		\$6,052,220	\$12,394,826		\$6,784,182	\$13,010,267
Pct. Bonds Refunded:		3.7%	7.6%		4.1%	7.9%
All-in True Interest Cost:		-0.19%	-0.87%		-0.21%	-0.89%
Negative Arbitrage Cost:		(\$4,069,666)	(\$4,313,583)		(\$4,658,281)	(\$4,901,313)
Approx. Break-even (basis points):		65 bps	135 bps		75 bps	140 bps
	Annual and Total Savings			Annual and Total Savings		
<u>Year</u>						
2022:	\$955,462	\$0	\$0	\$723,854	\$0	\$0
Avg. 2023-34:	2,108,097	2,778,390	3,381,603	1,598,954	2,343,901	2,959,483
Total:	\$26,254,317	\$33,340,676	\$40,579,232	\$19,915,861	\$28,126,817	\$35,513,794

Tax-Exempt Refunding is Preliminarily Determined More Appropriate than Taxable Advance Refunding

- Four primary reasons:
 1. In general, tax-exempt bonds result in a much lower interest rate than taxable bonds based on the same market conditions
 2. Negative arbitrage can significantly reduce the savings on advance refundings
 3. Shorter-term bonds results in slightly lower interest rates and ultimately greater savings to the member agencies
 4. Compared to taxable advance refunding, the yields would need to rise 65-75 bps (or 135-140 bps) before BAWSCA would be worse off by waiting until Jan 2022 (or Jan 2023) to refund the bonds based on tax-exempt forward delivery (or TE regular delivery)
- Possible federal legislation re-authorizing tax-exempt advance refunding in the near future
 - Status of such potential legislation will be monitored

Preliminary Estimate of Total Cost of Issuance

- Preliminary estimated cost of issuance: approx. \$1-\$1.2M
 - Contingent cost: \$800K- \$1M (upon successful delivery)
 - Non-contingent cost: \$200K to be paid
 - Near issuance (mid-2021) under taxable refunding
 - Near pricing (late 2021) under tax-exempt forward delivery
 - Near issuance (early 2023) under tax-exempt regular delivery
- Out-of-pocket costs can be reimbursed by the bond proceeds, contingent upon successful delivery of new bonds
 - Possibly funded by portion of excess stabilization funds

Next Steps

- Feedback from the BPC on the refunding methods available for Series 2013A bonds is requested
- Given BAWSCA's bond issuance authorization process is longer compared to most other public agencies, staff anticipates the need to bring bond counsel onboard for this effort soon

Reports



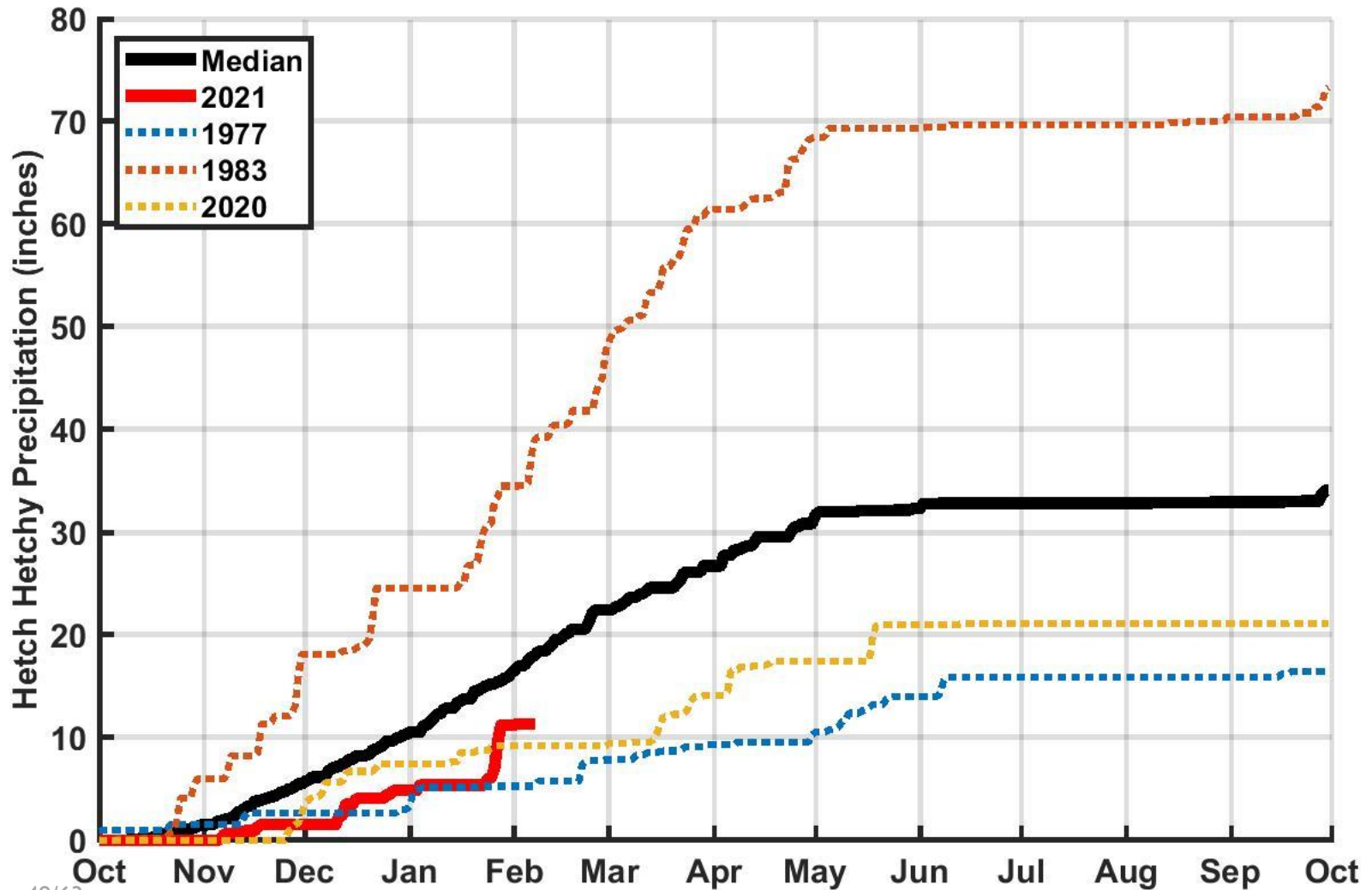
Jensen, 2011



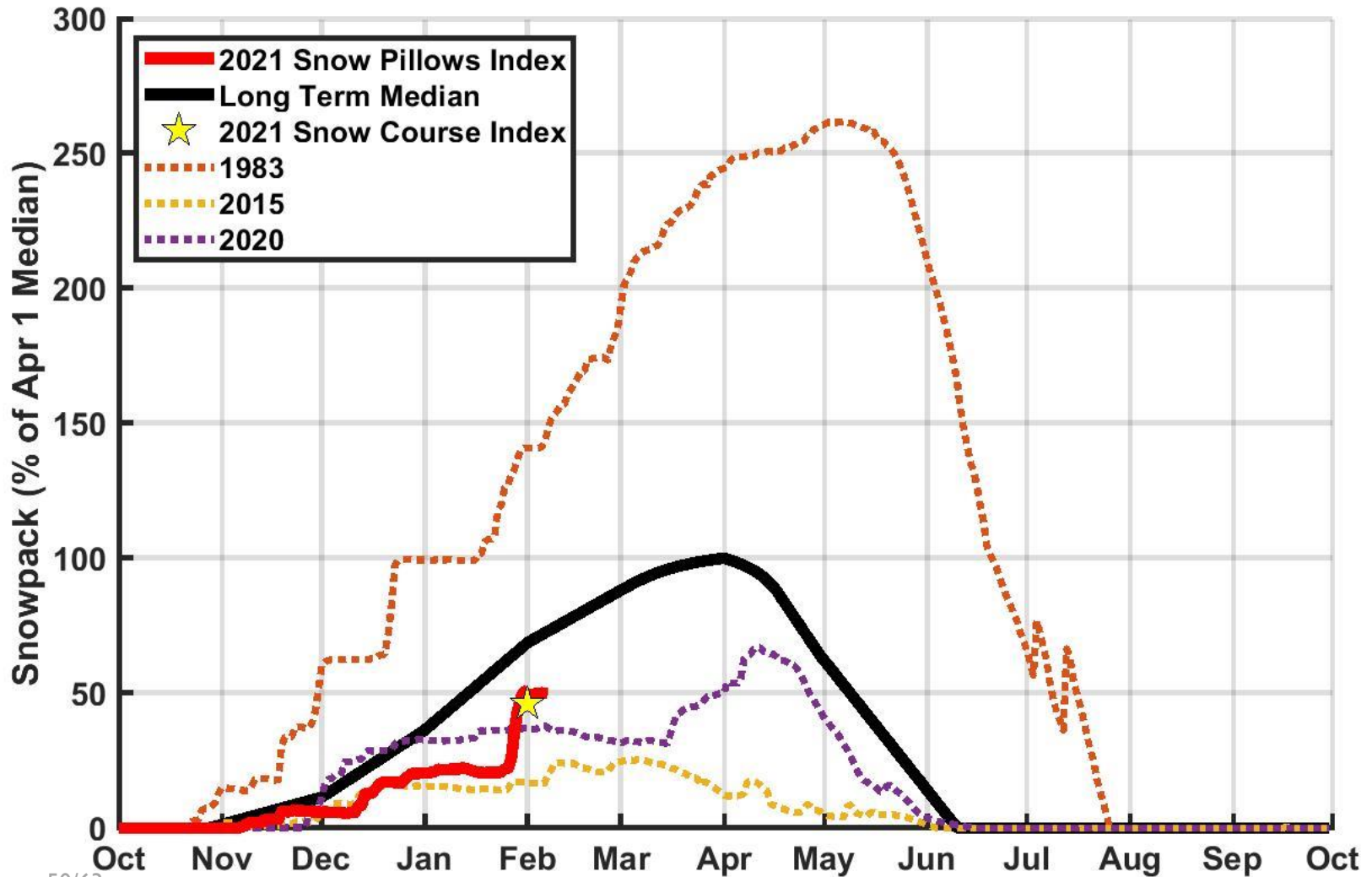
February 8, 2021 Reservoir Storage

Reservoir	Current Storage ^{1,2,3} (AF)	Maximum Storage ^{3,4} (AF)	Available Capacity (AF)	Percent of Maximum Storage	Normal Percent of Maximum Storage ⁵
<u>Tuolumne System</u>					
Hetch Hetchy	195,500	340,830	145,330	57.4%	64.1%
Cherry	194,200	268,810	74,610	72.2%	-
Eleanor	11,170	21,495	10,325	52.0%	-
Water Bank	544,333	570,000	25,667	95.5%	98.6%
Total Tuolumne Storage	945,203	1,201,135	255,932	78.7%	-
<u>Local System</u>					
Calaveras	58,709	96,670	37,961	60.7%	-
San Antonio	44,179	53,266	9,087	82.9%	-
Crystal Springs	52,491	58,309	5,818	90.0%	-
San Andreas	16,455	19,027	2,572	86.5%	-
Pilarcitos	1,804	3,030	1,226	59.5%	-
Total Local Storage	173,638	230,302	56,664	75.4%	-
Total System Storage	1,118,841	1,431,437	312,596	78.2%	80.3%
Total without water bank	574,508	861,437	286,929	66.7%	-

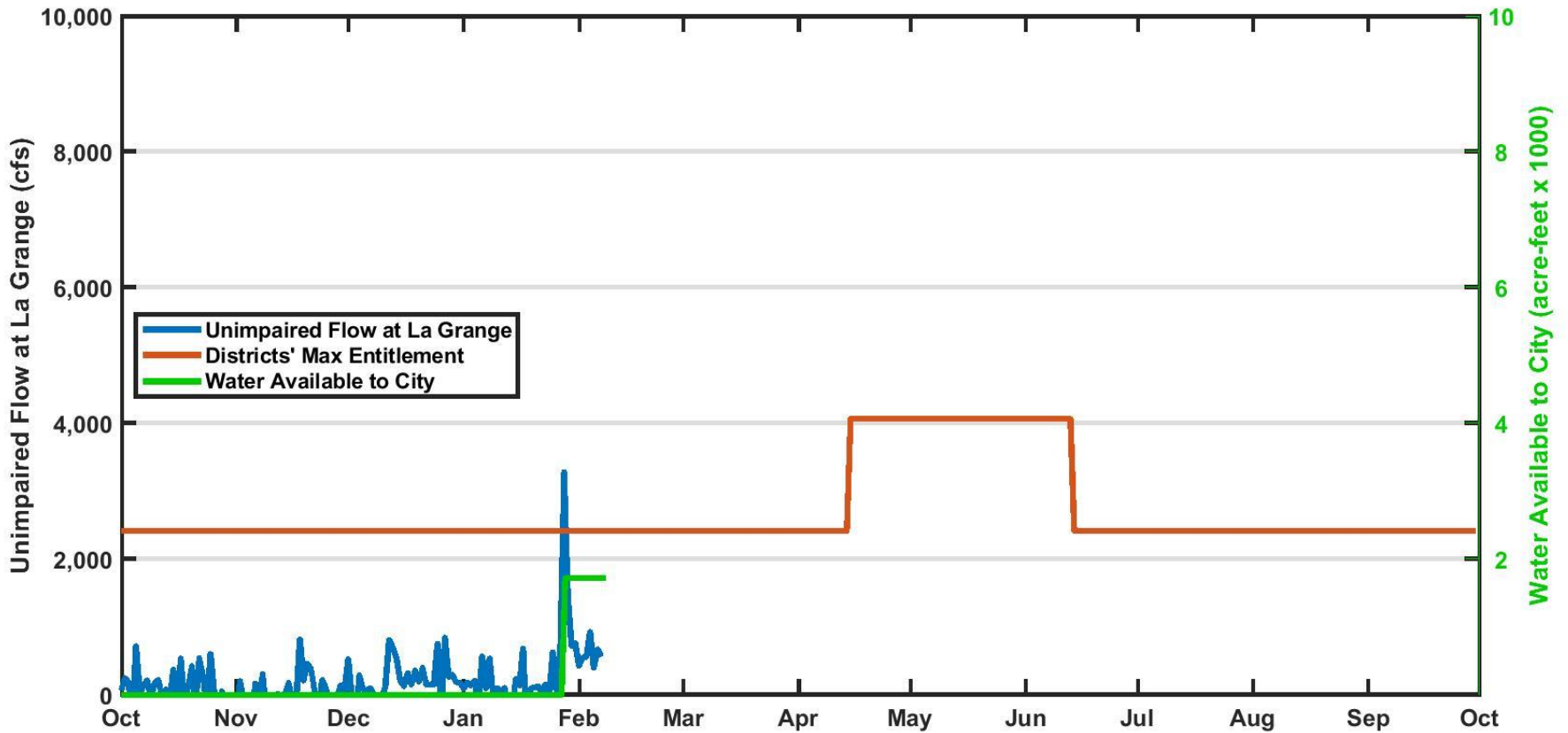
Hetch Hetchy Precipitation



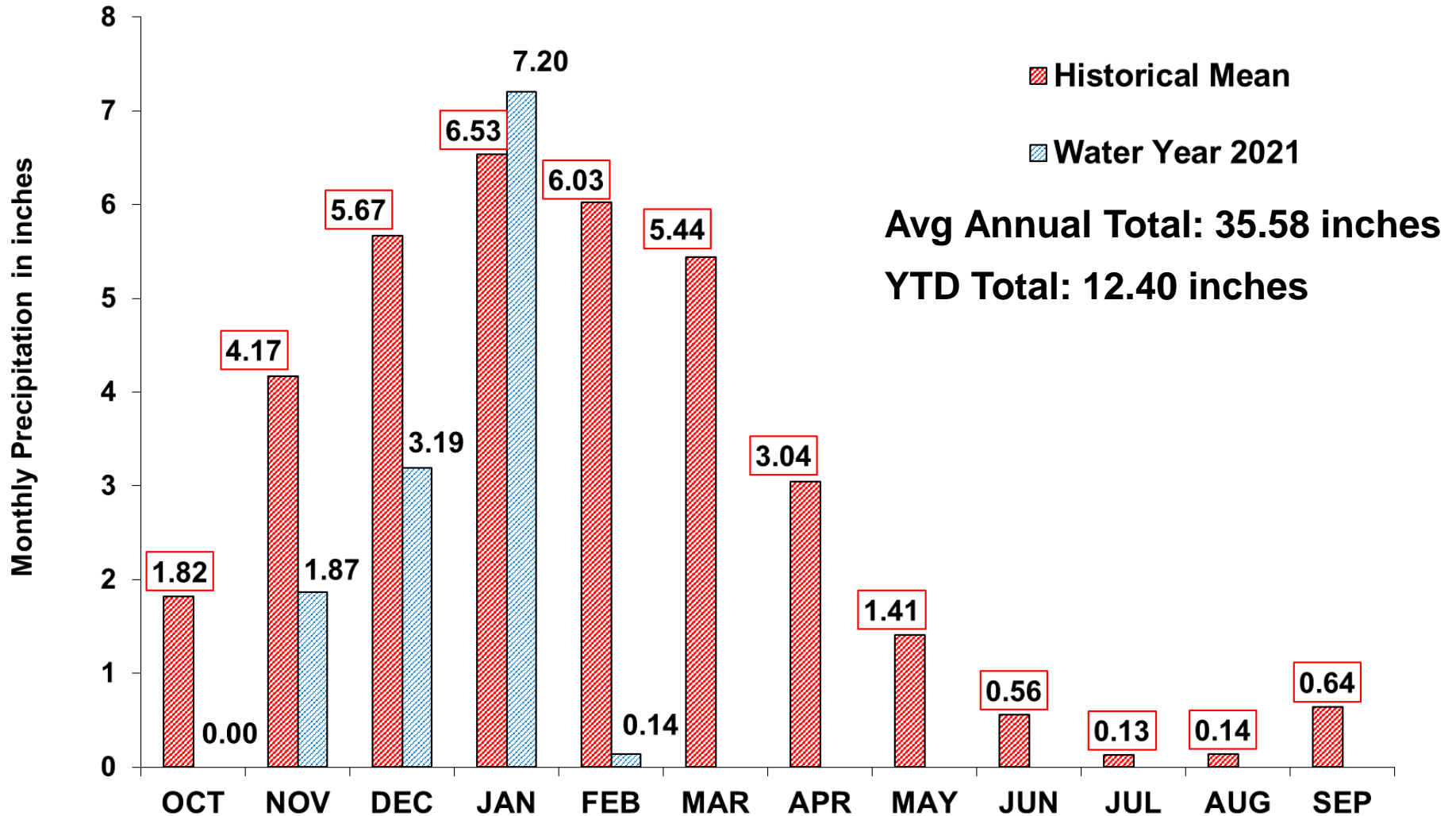
Upcountry Snowpack



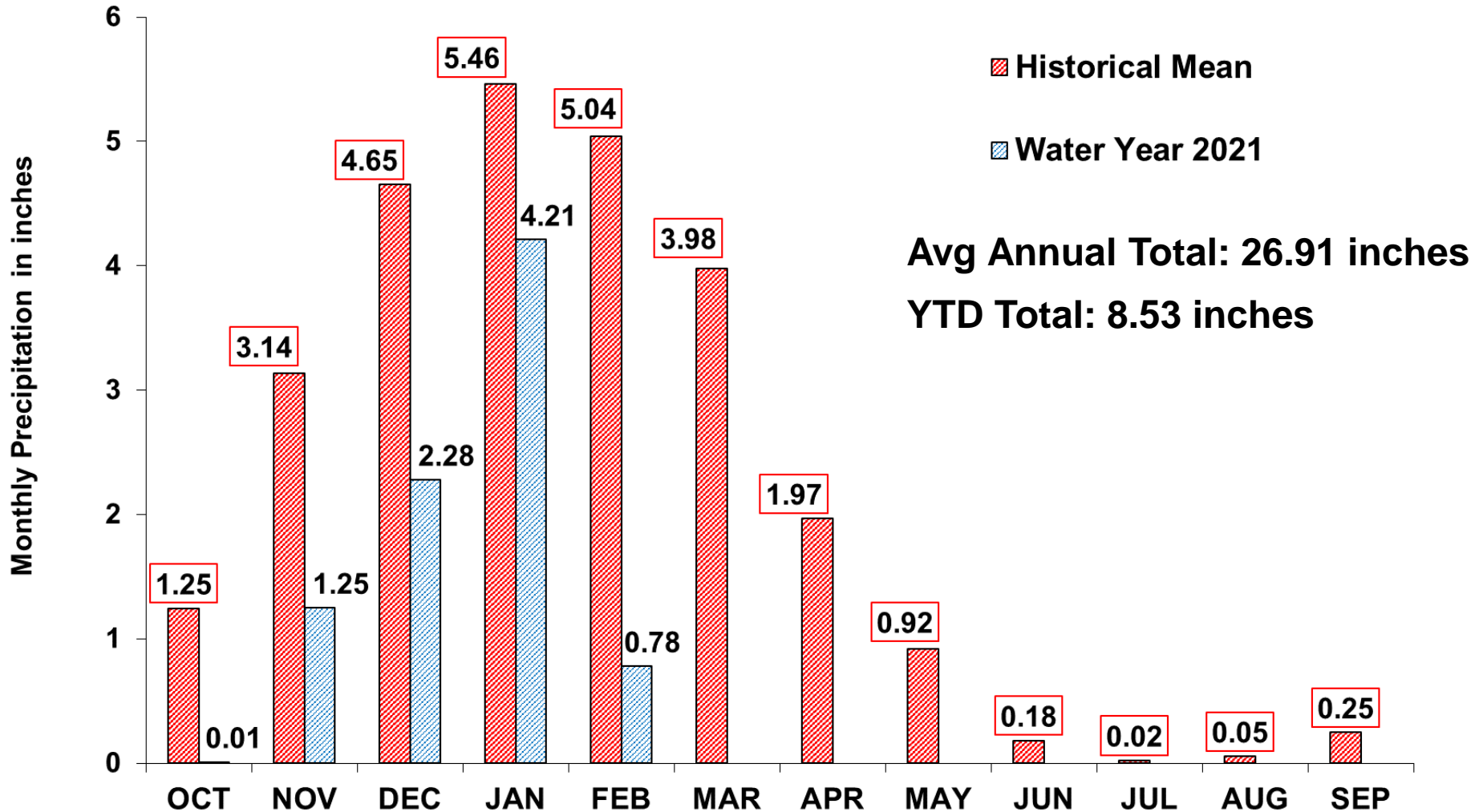
Water Available to the City



Upcountry 6-station Precipitation Index as of February 07, 2021



Bay Area 7-station Precipitation Index as of February 07, 2021

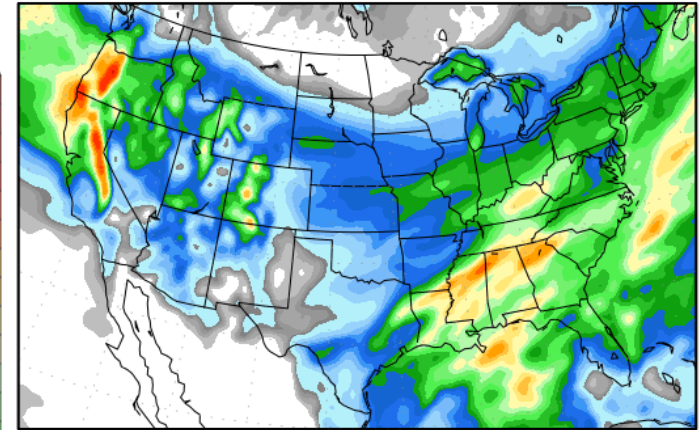
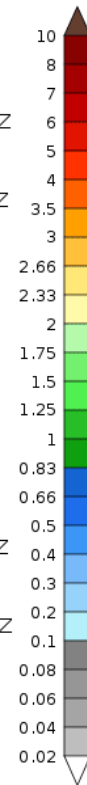


National Precipitation Forecast

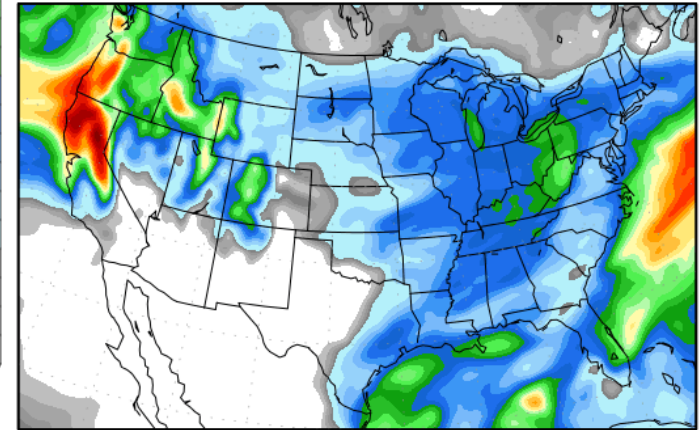
Precipitation Forecasts

Precipitation (in)
during the period:

Mon, 08 FEB 2021 at 00Z
-to-
Tue, 16 FEB 2021 at 00Z

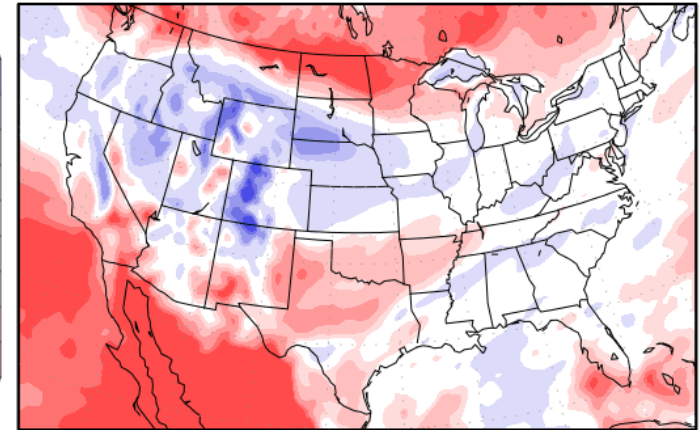
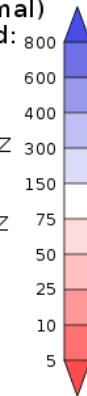


Tue, 16 FEB 2021 at 00Z
-to-
Wed, 24 FEB 2021 at 00Z



Precipitation (% of normal)
during the first period:

Mon, 08 FEB 2021 at 00Z
-to-
Tue, 16 FEB 2021 at 00Z



Precipitation forecasts from the National Centers for Environmental Prediction.
Normal rainfall derived from Xie-Arkin (CMAP) Monthly Climatology for 1979-2003.
Forecast Initialization Time: 00Z08FEB2021

New Don Pedro FERC Relicensing Update

- July 2020 – Final Environmental Impact Statement (FEIS) released
 - Identified the Tuolumne River Voluntary Agreement (TRVA) as the preferred FERC alternative
 - Several parties have submitted comments to FERC
 - SFPUC & BAWSCA coordinating on potential additional comments
- Critical procedural steps regarding water quality certification of FERC action are ongoing
 - State Board and FERC both engaged in this process
 - State Board issued Clean Water Act 401 Certification on January 15, 2021 that includes the Bay-Delta Plan 40% unimpaired flow requirement
 - FERC denied the Districts' request to declare that the State Board waived its 401 Certification authority on January 19, 2021
- BAWSCA closely monitoring this issue

SFPUC February 5 Workshop Presented Details of the Tuolumne River Voluntary Agreement (TRVA)

- SFPUC is hosting a series of workshops related to water planning issues
- Workshop #2 presented the scientific basis for proposed Tuolumne River Voluntary Agreement (TRVA)
 - Regulatory context for in-stream flows and habitat restoration on Lower Tuolumne River
 - Lower Tuolumne River environmental setting and hydrology
 - Scientific basis for development of the TRVA
- Workshop included a panel of scientific experts
- There was also an opportunity for non-governmental organizations (NGO) to provide a response
 - Based on response from NGO's, there remains disagreement on some of the science that the TRVA relies upon (or does not rely upon)
- January 26th BAWSCA statement to Commission noted the following:
 - Workshop #2 is the venue for SFPUC to present necessary scientific data to support and defend the TRVA and SFPUC's position
- SFPUC did a good job of presenting the science that supports the TRVA and defends the SFPUC's position

BAWSCA Focused on Having State Board Evaluate the TRVA as an Alternative

- BAWSCA and its member agencies continue to
 - Support Bay-Delta Plan objectives
 - Be committed to working with other stakeholders to protect water quality in the Bay-Delta for humans, fish and other wildlife
 - Support voluntary agreements to resolve this critical issue
- TRVA currently only voluntary agreement ready to be analyzed as an alternative to the Bay-Delta Plan
 - TRVA is developed sufficiently to enable necessary review by the State Board
 - TRVA identified as preferred alternative in the recent analysis by FERC for the relicensing of New Don Pedro Reservoir
- BAWSCA is advocating having the State Board perform a technical and environmental evaluation of the TRVA as an alternative to the Bay-Delta Plan

Closed Session



Jensen, 2011

Amendment to Legal Services Contract Needed to Provide Necessary Resources

- Expenses associated with completing the following work plan items this fiscal year are significantly greater than budgeted
 - Bay Delta Plan
 - FERC
 - Minimum Purchase Transfer WSA amendment
- In preparing current fiscal year budget, anticipated high level of activity in 2 out of 3 of those critically important work areas
- Additional resources needed to support work necessary to protect interests of the member agencies and their water customers
 - These 3 critical work areas
 - Other areas including WSA administration and contract support for conservation and other programs

Recommendation

That the Committee recommend the Board authorize the CEO/General Manager to:

1. amend the professional services contract with Hanson Bridgett by \$200,000 for a total not to exceed amount of \$806,500;
2. to transfer \$142,000 from the General Reserve to the Operating Budget to fund a portion of this contract increase; and
3. to use \$57,500 from budgeted contingency to fund a portion of this contract increase.

Comments by Committee Members



Jensen, 2011

Adjournment

Next Committee Meeting

- April 14, 2021
- Time: 1:30 pm
- Location: “Virtual” Zoom Meeting

Adjourn



L. Ash, 2017