



Topic: **Authority Board Agenda Item 5-1** **2018 Dec 17**

Subject: **Report on Sites Project Joint Authority/Reservoir
Committee Workshop – November 27, 2018**

Requested Action:

No action requested. Informational item.

Detailed Description/Background:

Reservoir Committee officers and/or Staff to provide a report on the November 27, 2018 Sites Project Joint Authority/Reservoir Committee Workshop.

The Sites Project Authority's meeting package can be viewed at:

https://www.sitesproject.org/wp-content/uploads/2018/11/Sites-Reservoir-Committee-Workshop-Agenda_2018Nov27.pdf

Prior Authority Action:

None.

Fiscal Impact/Funding Source:

None.

Staff Contact:

Rob Thomson/Jim Watson

Attachments:

Attachment A – Sites Project Joint Authority/Reservoir Committee Workshop Agenda

Attachment B – Workshop Presentation

Meeting: **Phase 1 Reservoir Project Agreement**

2018 Nov 27

Subject: **Joint Authority/Reservoir Committee
Workshop**

2:30 PM– 4:00 PM

Location: Manchester Grand Hyatt – Promenade A
1 Market Place, San Diego, CA 92101

Chair: Thad Bettner (Glenn-Colusa Irrigation District)

Vice Chair: Doug Headrick (San Bernardino Valley Municipal Water District)

Treasurer Jamie Traynham (Davis Water District)

Workshop AGENDA

NO ACTION WILL BE TAKEN AT THE WORKSHOP

CALL TO ORDER:

- Introductions

1. Chairpersons' Report:

Bettner & Headrick

- 1.1 Introductory remarks

2. Manager's Report:

Thomson

- 2.1 Sites Project Update

- Water Commissioner's Decisions
- Consultant Selections
- 2019 Participation & Budget
- Near Term Next Steps

3. Recap & Adjourn

Bettner/Headrick

- 3.1 Upcoming Reservoir Committee meetings:

Reservoir Committee Meeting:

December 20, 2018 2:00 PM – 4:00 PM

Tsakopoulos Library Galleria (West Meeting Room)
828 I Street, Sacramento, CA 95814

ADJOURN

PERIOD OF PUBLIC COMMENT: Any person may speak about any subject of concern, provided it is within the jurisdiction of the Directors and is not already on today's agenda. The total amount of time allotted for receiving such public communication shall be limited to a total of 15 minutes per issue and each individual or group will be limited to no more than 5 minutes each within the 15 minutes allocated per issue. **Note:** No action shall be taken on comments made under this comment period.

Action items serve as meeting minutes

Status: Issued for Use
Purpose: Informational
Caveat 1: Subject to change
Caveat 2:

Version: A
Date: 2018 Nov 27
Ref/File #:
Page: 1 of 2

ADA COMPLIANCE: Upon request, Agendas will be made available in alternative formats to accommodate persons with disabilities. In addition, any person with a disability who requires a modification or accommodation to participate or attend this meeting may request necessary accommodation. Please make your request to the County Board Clerk, specifying your disability, the format in which you would like to receive this Agenda, and any other accommodation required no later than 24 hours prior to the start of the meeting.

Sites Reservoir Committee Workshop

Project Update:

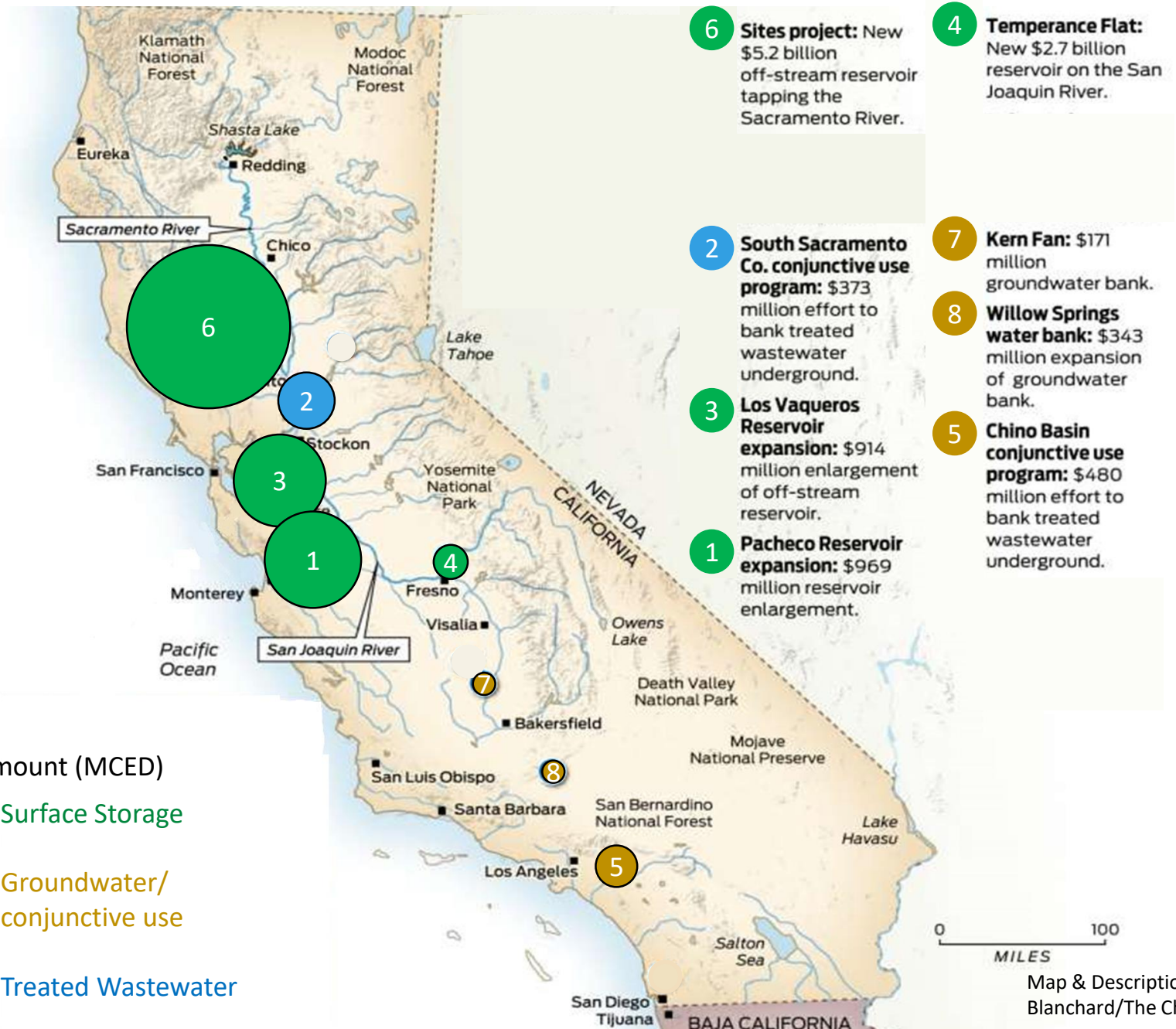
ACWA Conference, November 27, 2018

Topics

1. Water Commissioner's Decisions
2. Consultant Selections
3. 2019 Participation & Budget
4. Next Steps



Water Commission Results



Legend:

6 Rank

Size = Funding amount (MCED)

Green: Surface Storage

Brown: Groundwater/
conjunctive use

Blue: Treated Wastewater

Water Commissioner's Decisions

1. Eligible Funding (Public Benefits) \$ 816.3 million
 - Water for wildlife refuges
 - Water for Delta smelt
 - Recreation
 - Flood reduction
2. Early Funding (cost-share) \$ 40.8 million
 - Environmental documentation
 - Approvals, certifications, and agreements
3. Submitted 1st Quarterly report

BENEFITS

The Sites Reservoir
Delivers water to
California's water
system for...



Drinking Water



Irrigation



Climate Change Resiliency



Enhanced Water Quality



New Recreational
Opportunities



Flood Management



Ecosystem Improvements

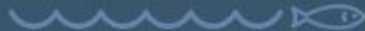


Renewable Energy

Stabilize Sacramento River
fall flows for salmon



Conserve coldwater pools
in existing reservoirs later
into the summer months to
improve conditions for salmon
spawning and rearing



Provide nutrient rich water
to the Yolo Bypass to
benefit smelt



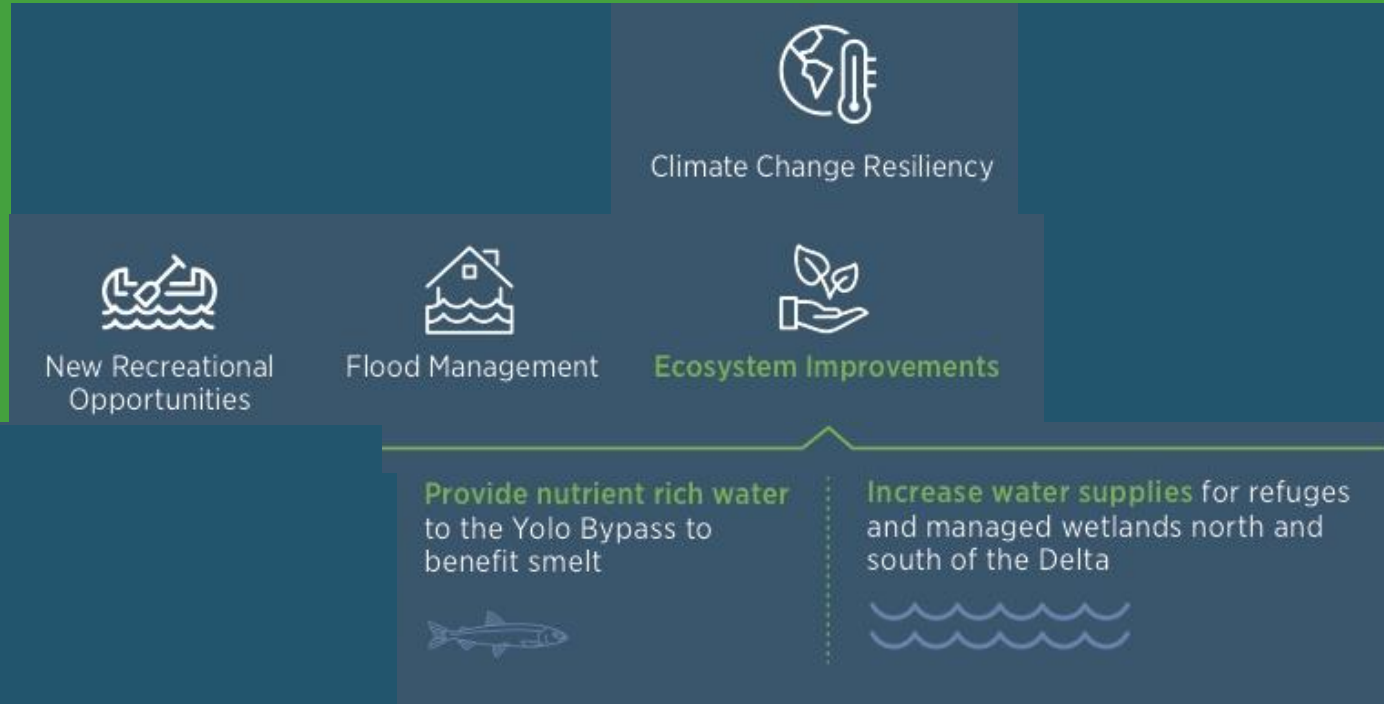
Increase water supplies for refuges
and managed wetlands north and
south of the Delta



Net improvements in ecosystem and water quality conditions in the Sacramento River system
and Sacramento-San Joaquin Delta

BENEFITS State of California (Proposition 1)

The Sites Reservoir
Delivers water to
California's water
system for...



Net improvements in ecosystem and water quality conditions in the Sacramento River system and Sacramento-San Joaquin Delta

BENEFITS US Bureau of Reclamation (WIIN Act)

The Sites Reservoir
Delivers water to
California's water
system for...



Climate Change Resiliency



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Ecosystem Improvements



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Net improvements in ecosystem and water quality conditions in the Sacramento River system
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BENEFITS Water Agencies

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Drinking Water



Irrigation



Climate Change Resiliency



Enhanced Water Quality



New Recreational
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Flood Management



Renewable Energy

Net improvements in ecosystem and water quality conditions in the Sacramento River system
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Topics

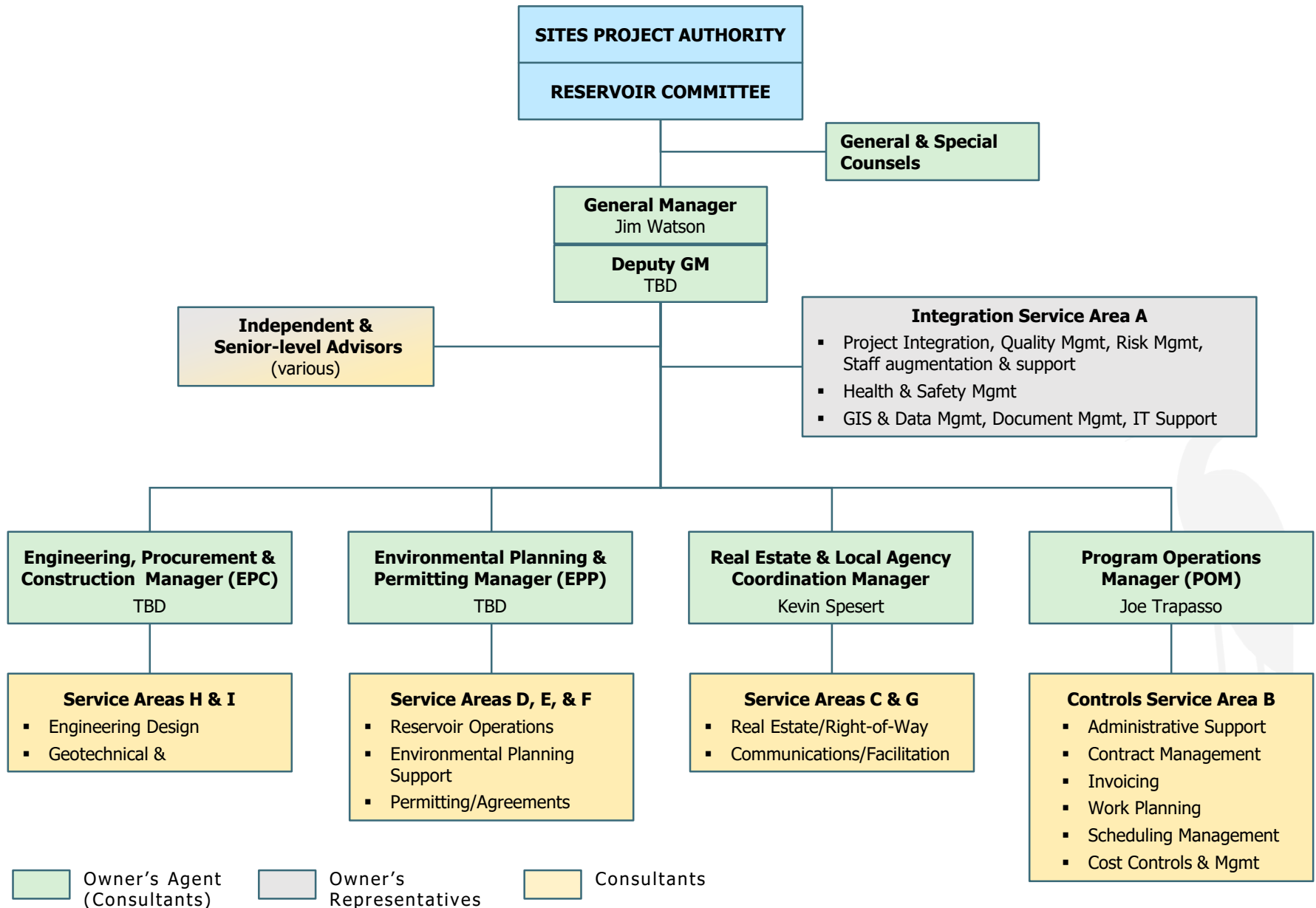
1. Water Commissioner's Decisions
- 2. Consultant Selections**
3. 2019 Participation & Budget
4. Next Steps



Consultant Selections – 9 Service Areas

<u>Service Area:</u>	<u>SOQs</u>	<u>Status:</u>
A. Integration	3	Intent to award to HDR
B. Controls	3	Intent to award to Brown & Caldwell
C. Communications	4	Intent to award to Katz & Associates
D. Reservoir Operations	1	Intent to award to Ch2m Hill
E. Environmental Planning	1	Deferred
F. Permits and Agreements	2	Intent to award to ICF
G. Real Estate	2	Intent to award to Bender Rosenthal
H. Engineering	1	Deferred
I. Geology & Geotechnical	2	Intent to award to Fugro

Phase 2 Organization

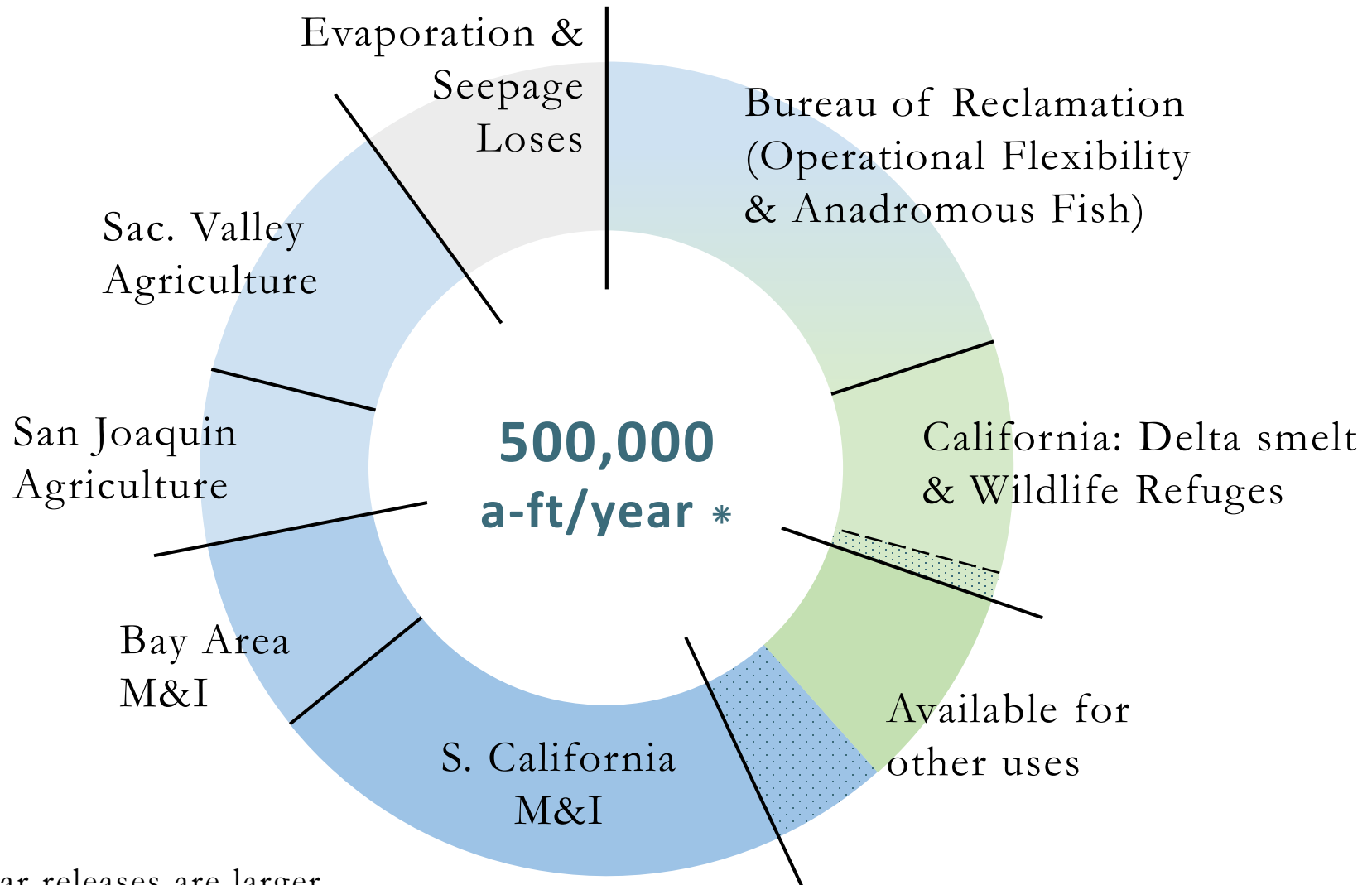


Topics

1. Water Commissioner's Decisions
2. Consultant Selections
3. **2019 Participation & Budget**
4. Next Steps



Estimated 2019 Participation



* Drier year releases are larger
Water Supply is FOB Holthouse

Current list of Phase 2 Participants:

Sacramento Valley

<u>Authority Board</u>	<u>Acre-ft.</u>
Colusa County	10,000.
Colusa County Water District	13,100.
Glenn County	-
Glenn-Colusa Irrigation District	5,000.
PCWA & City of Roseville	-
Reclamation District 108	5,000.
Sacramento Co WA & City of Sacramento	-
Tehama-Colusa Canal Authority	-
Western Canal Water District	-
Westside Water District	15,000.
<u>Associate Members</u> (non voting)	
Maxwell Irrigation District	-
Orland-Artois Water District (<i>pending</i>)	-
TC-4 (<i>pending</i>)	-
Cortina Water District	300.
Davis Water District	2,000.
Dunnigan Water District	2,774.
LaGrande Water District	1,000.
<u>Reservoir Committee</u>	
American Canyon, City of	4,000.
Carter MWC	500.

Beyond the Sacramento Valley

<u>Reservoir Committee</u>	<u>Acre-ft.</u>
Antelope Valley-East Kern WA	500.
Coachella Valley Water District	10,000.
Desert Water Agency	6,500.
Metropolitan Water District	50,000.
Pacific Resources MWC	20,000.
San Bernardino Valley Muni WD	21,400.
San Gorgonio Pass Water Agency	14,000.
Santa Clara Valley Water District	24,000.
Santa Clarita Valley Water Agency	5,000.
Wheeler Ridge-Maricopa WSD	14,000.
Zone 7 Water Agency	10,000.

Total acre-ft: 234,074.

Board: 12 Agencies

Combined: 31 Agencies

+ Key Stakeholders (Non-Voting):

US Bureau of Reclamation

Department of Water Resources

Four Strategies Evaluated for Phase 2

S in Millions	2019	2020	2021	2022	2023	TOTAL	Relative Risk
Plan A	85.4	98.6	110.3	83.6		377.8 *	Lowest
Participants	34.4	72.0	88.2	66.9		261.5	
WIIN	17.1	19.7	22.0	16.7		75.6	
WSIP	33.9	6.9				40.8	
Plan B	23.2	98.0	217.7	43.9		382.7	Highest
Participants	9.7	46.4	174.1	35.1		265.4	
WIIN	4.6		43.5	8.8		76.5	
WSIP	8.8	2.0				40.8	
Plan C	40.2	103.7	180.7	43.5		368.1	Moderate
Participants	15.0	59.3	144.6	34.8		253.7	
WIIN	8.0	20.7	36.1	8.7		73.6	
WSIP	17.2	23.6				40.8	
Plan D	24.2	97.3	147.6	79.1	152.5	500.6	
Participants	10.0	46.4	118.0	63.3	122.0	359.7	
WIIN	4.8	19.5	25.5	15.8	30.5	100.1	
WSIP	9.3	31.5				40.8	



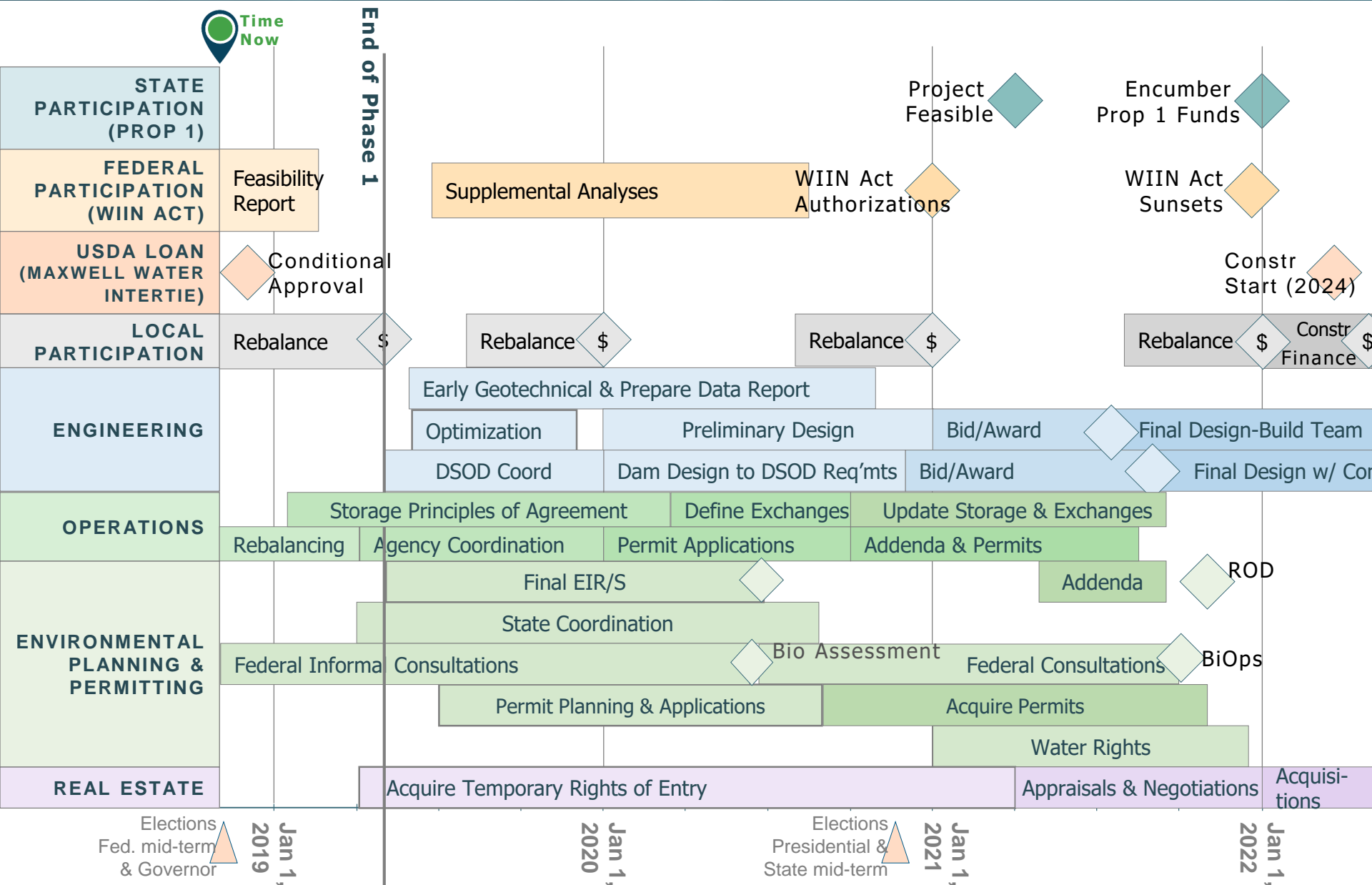
NOTE: State and Federal cost-share amounts shown are to conservatively estimate Participants' cost-share. Should additional funding become available, the work plan amounts could be increased.

* \$ 420 million is provided in the Sept 7 financial package. This included funds to keep the Project moving forward until construction financing is in place, which is the difference equal to \$ 42.2 million.

Overview of Plan C for 2019

1. Utilize Phase 1 funding to March 31, 2019
2. New Participation Agreement
 - April 1 to Dec 31, 2019
 - Cash call \$60/acre-ft (not to exceed) \$ 14.0 million
3. Utilize 2 additional funding sources
 - WSIP (50% cost-share) \$ 8.8 million
 - WIIN Act (subject to appropriations) \$ 10.1 million
4. Critical activities & tasks **\$ 32.9 million**
 - Project's operations
 - Field data collection
 - Management & controls
 - Permits & agreements
 - Engineering (power and dam safety)

Phase 2 (Plan C) Schedule



Topics

1. Water Commissioner's Decisions
2. Consultant Selections
3. 2019 Participation & Budget
4. **Next Steps**



MWI Announcement



Next Steps – 2019 (New) Participation Agreement

- ✓ Nov. 16 Approve revised Work Plan & Agreement
- Nov. 30 Distribute both 2019 participation agreement & updated plan of finance/repayment
- Dec. 17 & Jan. 28 Approve reprioritized Phase 1 task orders, select service contracts with initial task orders
- Feb. 15 Participants return signed agreements
- Feb 25 Approve participation agreements & distribute invoices
- Mar 25 Approve remainder of service contracts & initial task orders

Sites Reservoir Project

Questions?

