

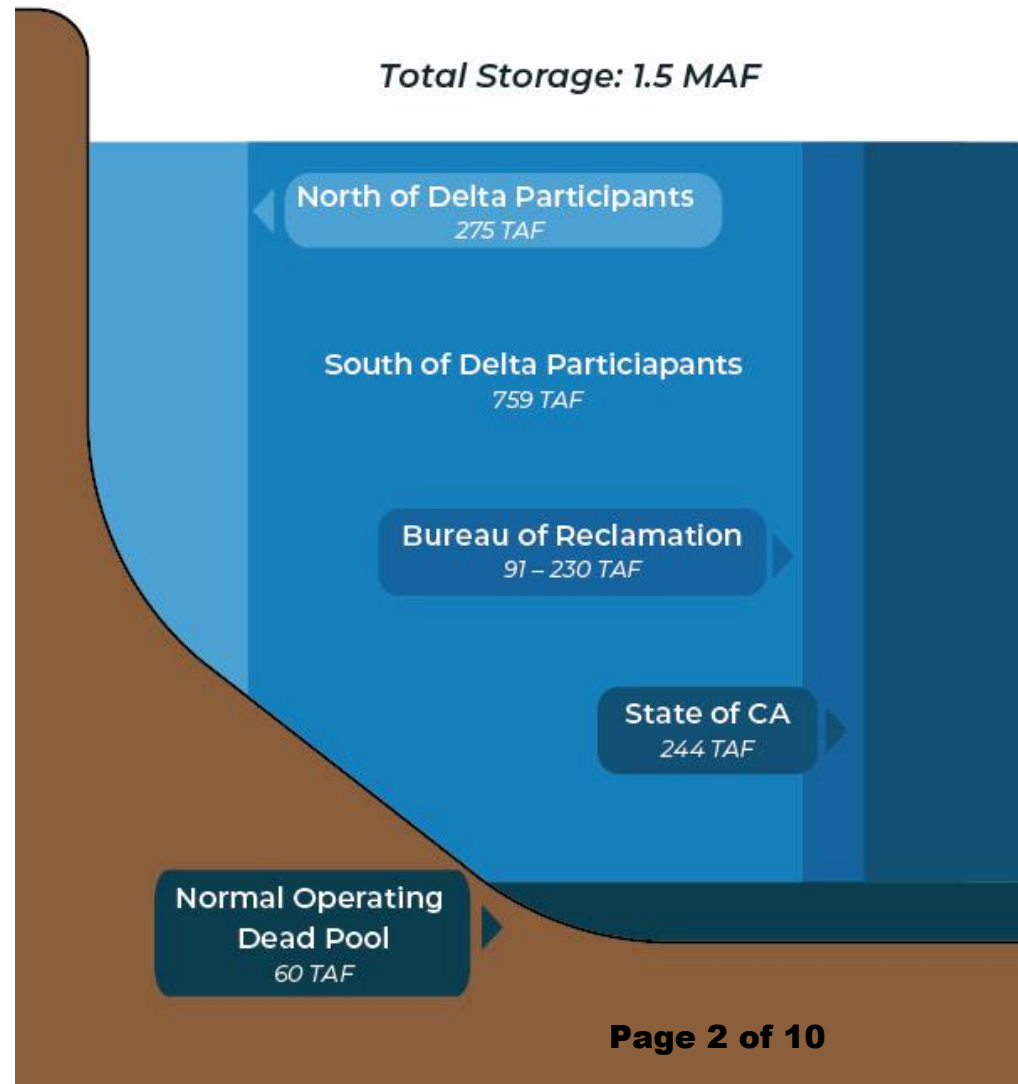
Handouts

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Sites Reservoir Project Overview

May 2023

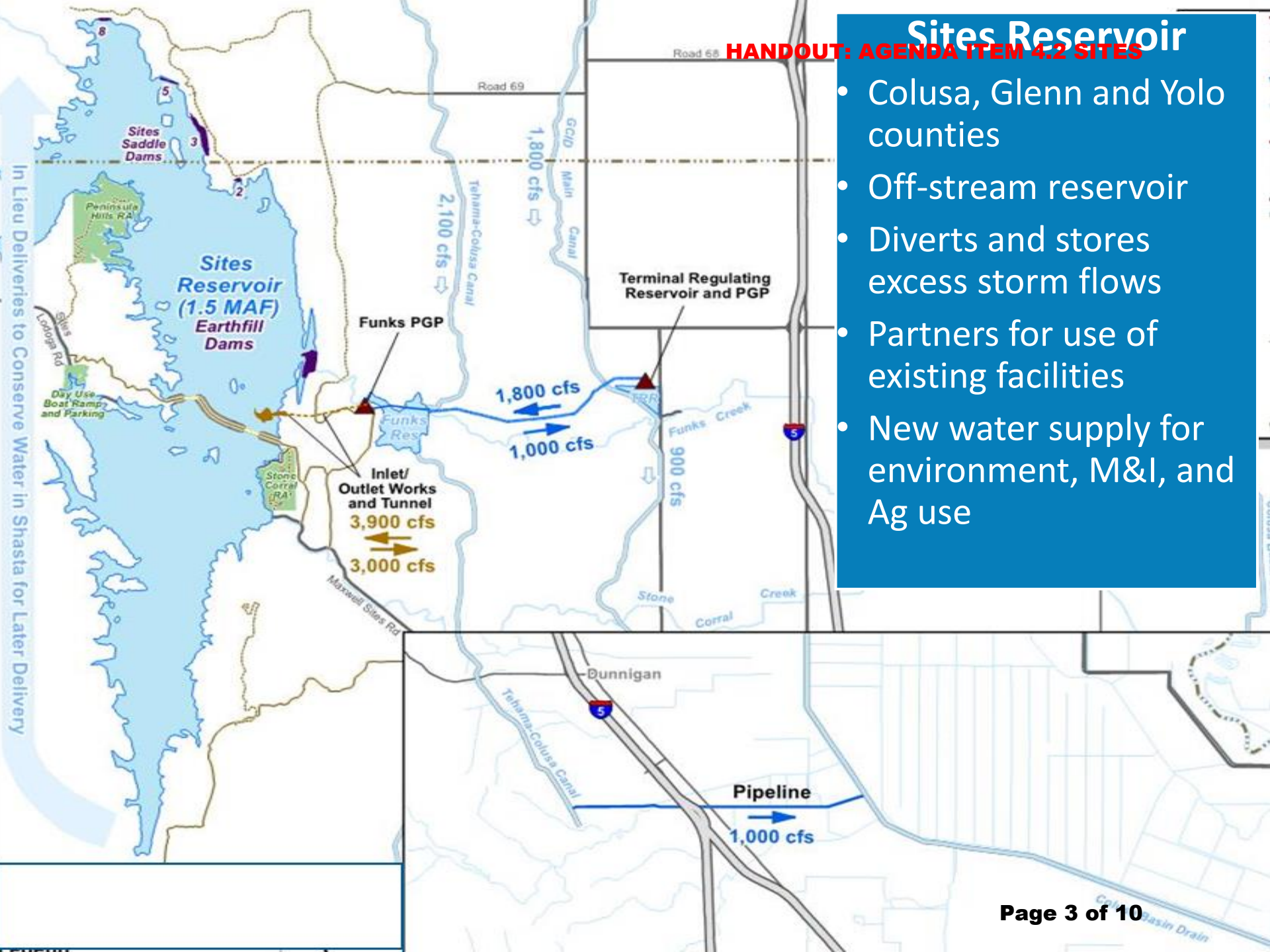
What is the Sites Project?



Sites Reservoir

HANDOUT: AGENDA ITEM 4.2 SITES

- Colusa, Glenn and Yolo counties
- Off-stream reservoir
- Diverts and stores excess storm flows
- Partners for use of existing facilities
- New water supply for environment, M&I, and Ag use



Project Overview



Off-stream Storage

Does not create a barrier to native fish migration



Federal and State Agencies Manage Environmental Water

Adaptable to current and future conditions and priorities



Local Leadership and Cooperation

Aligns with Sacramento Valley's values and fosters regional and statewide collaboration



Cooperative Operation

Increases effectiveness and efficiency of existing water storage infrastructure



Adaptable to Climate Change

Contributes to system reliability and performance with climate change



Dry Year Water Supply

Reliable dry year water supply for California communities, farms and businesses



Recreational Opportunities

Provides northern Sacramento Valley with additional opportunities for recreation



Environmental Support

Provides environmental water in drier periods for native fish, and habitat for native species and birds

Feasibility Project Cost Estimate

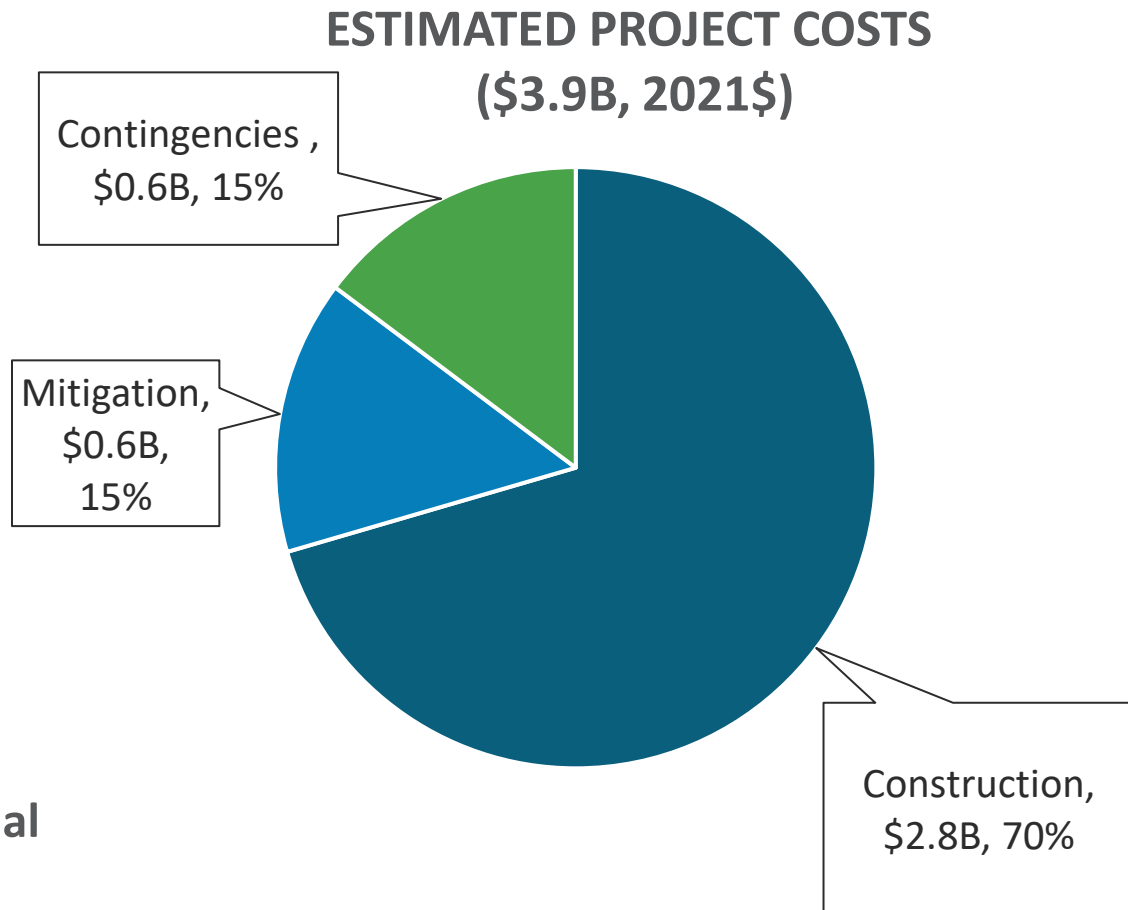
Serving California's
environment, families,
and **farms** takes:

1.5 million acre-ft of storage

9 new dams

12 miles of big pipes (9-32ft)

20 million cubic yards of material



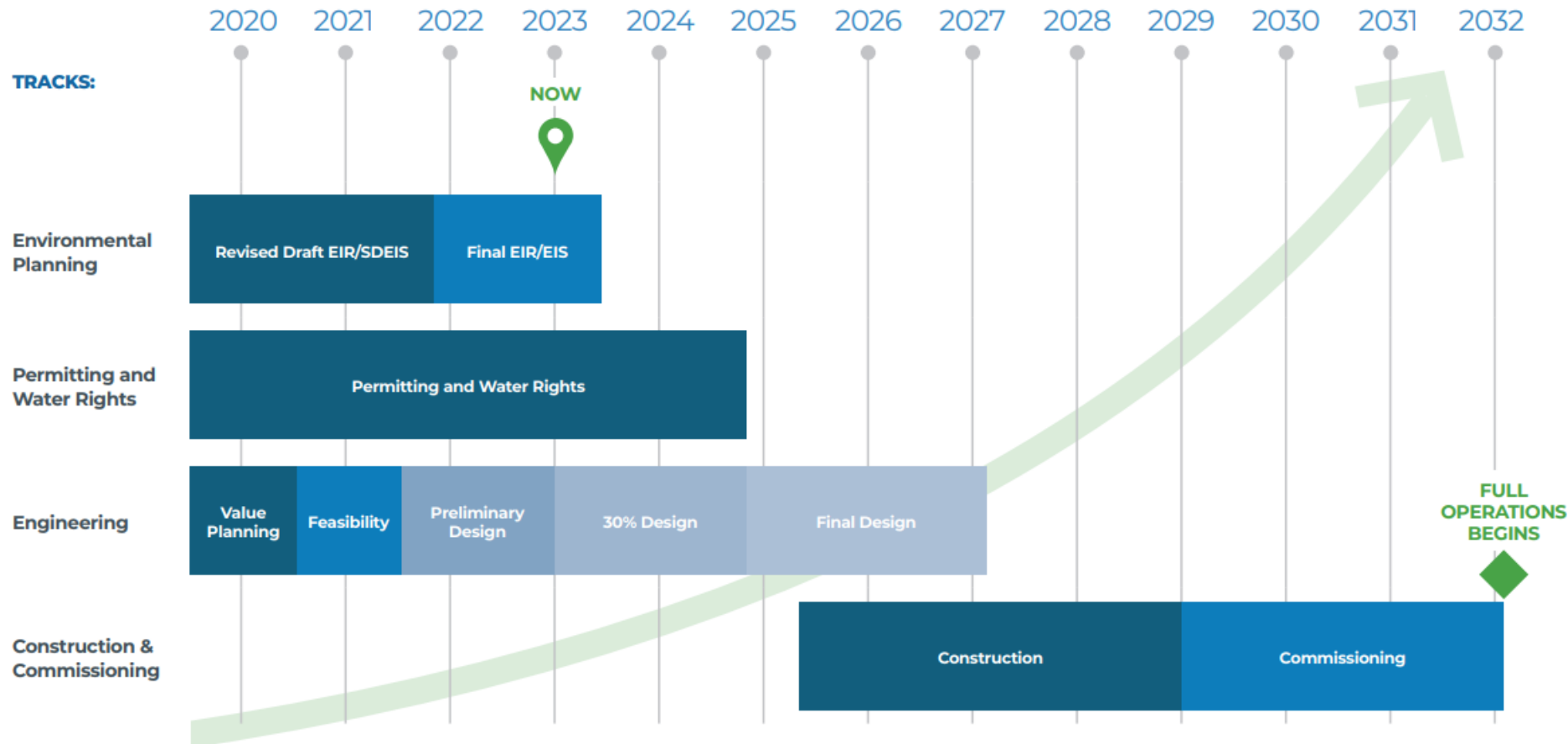
Estimated construction costs are based on the class 4 cost estimate

Project Funding

- Total Estimated Project Costs: \$3.9 Billion (2021 Dollars)
- Funding Sources:
 - WSIP/State Funding: \$875 Million
 - Federal Funding:
 - \$214 Million to date
 - \$975 Million at 16% investment
 - Participant Funding: About \$2.76 Billion
 - Submitted Application for \$2.2 Billion WIFIA Loan
 - USDA Loan for \$450 Million
 - Bonds or Cash for \$110 Million
 - Note, adds to greater than \$3.9 billion as funding sources assume costs at mid-point of construction

Project Schedule

Sites Reservoir Project Schedule



Key Project Milestones

- WIFIA Loan Application submitted March 2023
- Water Rights Application submitted May 2022
- Final EIR/EIS anticipated Summer 2023
- Begin drafting Benefits & Obligations Contract in Summer 2023
- WIFIA Loan expected Spring 2024
- Water Rights Permit expected Fall 2024
- Final Participation Decision expected late 2024/early 2025

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B.F. Sisk Dam Raise & Expansion Project Update
Valley Water Storage Exploratory Committee
May 12, 2023

Agenda



Meeting Purpose

Project Milestones

Upcoming Funding Request

Questions & Next Steps

Meeting Purpose

Provide status update for B.F. Sisk Expansion in advance of upcoming funding decision for continued planning.

Sisk Stage Gate Overview

STAGE GATE I PRE-CONSTRUCTION

- Principles of Agreement (MoU)
- RoD Execution
- ✓ Validate Cost Estimate
- Updated Schedule
- ✓ Validate \$/AF Analysis
- ✓ Pre-Construction Cost Share Agreement and/or MoU

July 1, 2023 – September 30, 2023
\$2,500,000 (Quarterly)

STAGE GATE II DESIGN

- Determine Implementation Plan (JPA?)
- Final Cost Estimate
- Final Schedule
- Updated \$/AF Analysis
- Operations Agreement
- Implementation Cost Share Agreement (Const/OMR)
- Initiate Repayment Discussion w/ Reclamation

October 1, 2024
\$10,000,000

STAGE GATE III CONSTRUCTION

- Finance Plan (Bonding)
- 100% Design
- Bid Results
- Construction Oversight Agreement

October 1, 2025
\$TBD

Santa Clara Valley Water District

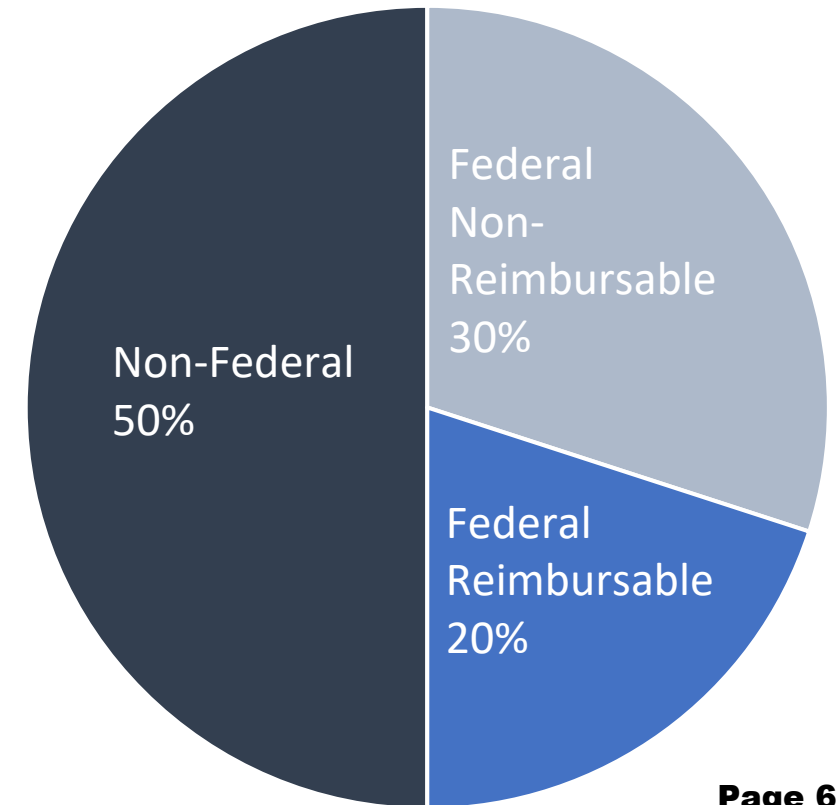
Agency	Requested Storage Capacity (AF)	Current Storage Capacity (AF)	Current Storage Capacity Allocation %	\$10M Commitment Based On % of Current Storage Capacity*	\$2.5M Quarterly Contribution at Current Capacity	Requested Storage Capacity Allocation**	\$2.5M Quarterly Contribution at Requested Storage Capacity
Santa Clara Valley Water District	38,000	5,540	8.5%	\$ 852,239	\$ 213,060	58.5%	\$ 1,461,538

Investor Share Requested: (58.5% of 65,000 AF) 38,000 AF

Investor Current Allocation: (8.5% of 65,000) 5,540 AF

Summary of Project

- 130 TAF expanded storage to be split between local partners and CVP
 - 50+ % for Investor use
 - Up to 50% for CVP use
- CVP cost allocations are based on the Separable Costs - Remaining Benefits (SCRB) Method



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Potential Interactions with other Projects

- How will new upstream storage projects impact?
 - Minimal affect to benefits of San Luis enlargement
 - Reclamation participation in Sites Reservoir will benefit CVP South of Delta
- How will climate change impact?
 - Speculative – but likely minimal effect
 - 2020 and 2040 level CalSim results demonstrate similar benefit
- How will downstream water management programs impact?
 - Competition for same Delta excess supply
 - Effect depends on diversion capacity of other projects
- How will other things impact?
 - State Water Board Delta Criteria
 - New Biological Opinions
 - New State Incidental Take Permits
 - Reductions in exports will reduce water supplies available for all project

Project Benefits

- Reduces risk of loss of rescheduled water
- Reduces risk of loss of carryover transfer water
- Enhances ability to maintain groundwater basin sustainability
 - Creates greater opportunity to take direct delivery of surface water, reducing reliance on groundwater
 - Enables temporary storage of surface water to extend periods for direct recharge
- Reduces Rescheduling and Warren Act charges

Permitting Update

Federal ESA Permitting

- FWS issued a BO in December 2022
- Reclamation continues to meet with both NOAA Fisheries and FWS to review Delta operational effects described in the BA consistent with the existing CVP and SWP BiOps

California ESA Permitting

- SLDMWA prepared and submitted an Incidental Take Permit application to the California Department of Fish and Wildlife
- CDFW is completing its initial 30-day determination of application completeness
- Full CDFW review of the ITP will initiate following that determination

Permitting Update

Project Clean Air Act Permitting

- SLDMWA and Reclamation continue coordination with the SJVAPCD on Clean Air Act compliance
- Reclamation released for public review a draft General Conformity Determination in March 2023
- Work on the final General Conformity Determination is now underway to address comments received from the EPA and SJVAPCD

Project NHPA Permitting

- SLDMWA and Reclamation are currently revising the BF Sisk Dam Raise and Reservoir Expansion Project Cultural Resources Inventory Report to reflect these recent changes to the SOD Project
- Submittal to the SHPO planned in 2023