

SACRAMENTO REGIONAL  
**WATER BANK**



*A Sustainable Storage & Recovery Program*



# Water Bank, Phase 1 Project Committee Meeting

September 16, 2020



# Overview

1. Welcome
2. Update on Water Bank
3. Phase 2 Discussion
4. Action Items/Next Steps



Update on Water Bank

# Original Water Bank Development Phases as Proposed from 2019

## PHASE 1 – Pre-Feasibility Activities

*through June 2020*

- Model and Tool Development
- Water Market Analysis and Partner Engagement
- Asset Development and Investment Evaluation
- Initial Governance and Implementation Options
- Stakeholder Engagement

## PHASE 2 – Final Feasibility and Program Acceptance

*July 2020 – January 2022*

- Financial Feasibility
- Governance Structure
- Environmental Compliance
- External Partners Agreements
- Monitoring, Accounting, Reporting, and Adaptive Management
- Stakeholder Engagement

# A Water Bank would operate as a hybrid of two programs



— BUREAU OF —  
RECLAMATION

## Groundwater Banking Guidelines for Central Valley Project Water

Effective Date: November 12, 2014  
Updated October 4, 2019

- Multi-year storage
- Storage before recovery
- Loss factor over length of storage
- Monitoring and mitigation

**DRAFT**  
**Technical Information**  
**for Preparing Water Transfer Proposals**

**(Water Transfer White Paper)**

**Information for Parties Preparing Proposals**  
**for Water Transfers**  
**Requiring Department of Water Resources or**  
**Bureau of Reclamation Approval**

**December 2019**

Prepared By:  
CALIFORNIA DEPARTMENT OF WATER RESOURCES  
AND  
BUREAU OF RECLAMATION, MID-PACIFIC REGION



- Single year transfers
- Storage is not required
- One-time loss factor
- Monitoring and mitigation

# Phase 2 Discussion



# Getting to Fully Operational Bank

A lot of information and analyses are still needed.

## Reclamation Requirements

- 14 specific information needs to provide when requesting approval of a federally recognized bank

## Local Needs/Requirements

- Other information/analyses needs to inform participating agencies

Category	Task	2021	2022	Comments
Technical	Confirm Operational Assumptions	\$ 50,000		Reaffirms local agencies' level of participation in Water Bank operations
	Temperature Modeling	\$ 50,000		Assumes use of existing model. Could be up to \$250K, if have to develop model
	Stream Depletion Factor	\$ 100,000		Supports state/federal agency review and assumes a model run
	Water Accounting Framework		\$ 200,000	Work with GSAs during GSP development. Assumes a model run
	Monitoring/Mitigation Plans		\$ 50,000	Develop generic components that can be used for annual transfers
Environmental	CEQA/NEPA Scoping	\$ 50,000		Determines level of analysis and assumptions
	CEQA/NEPA Documents	\$ 100,000	\$ 300,000	Assumes Environmental Assessment for NEPA. Cost could range higher for greater level of assessment
Institutional	Governance	\$ 25,000	\$ 25,000	Assumes RWA-managed program. Work is to address policy-related issues (e.g., fees from transfers, environmental commitments to Water Bank, etc.)
	Legal Support	\$ 25,000	\$ 25,000	Development/review of contracts
Miscellaneous	Outreach/Engagement	\$ 30,000	\$ 20,000	Limited materials development. Significant local stakeholder engagement
	Committee Support	\$ 50,000	\$ 50,000	Assumes up to 8 meetings per year
	USBR Participation	\$ 20,000	\$ 30,000	Funds USBR staff to provide guidance on Water Bank criteria and NEPA
	Total	\$ 500,000	\$ 700,000	



## Phase 2 Near-Term Budget Needs

- Propose to develop Phase Program Agreement that identifies full not-to-exceed budget, but collects funds over two years
- Estimated \$500k to be collected for first year (2021)
- Have \$90k unauthorized under Phase 1 that can be reallocated to other Water Bank priorities, ***with water bank committee's approval***

Action Items/Next Steps

# Action Items/Next Steps

- **Sept/Oct** – Develop Draft Phase 2 program agreement with funding plan
- **Nov** – Next committee meeting
- **Dec** – Finalize Phase 2 program agreement