

# **Agenda Item 03-03 Lower Colusa Basin Drain System: Initial Assessment and Potential Agreements**

**Reservoir Committee and Authority Board**

January 19, 2024

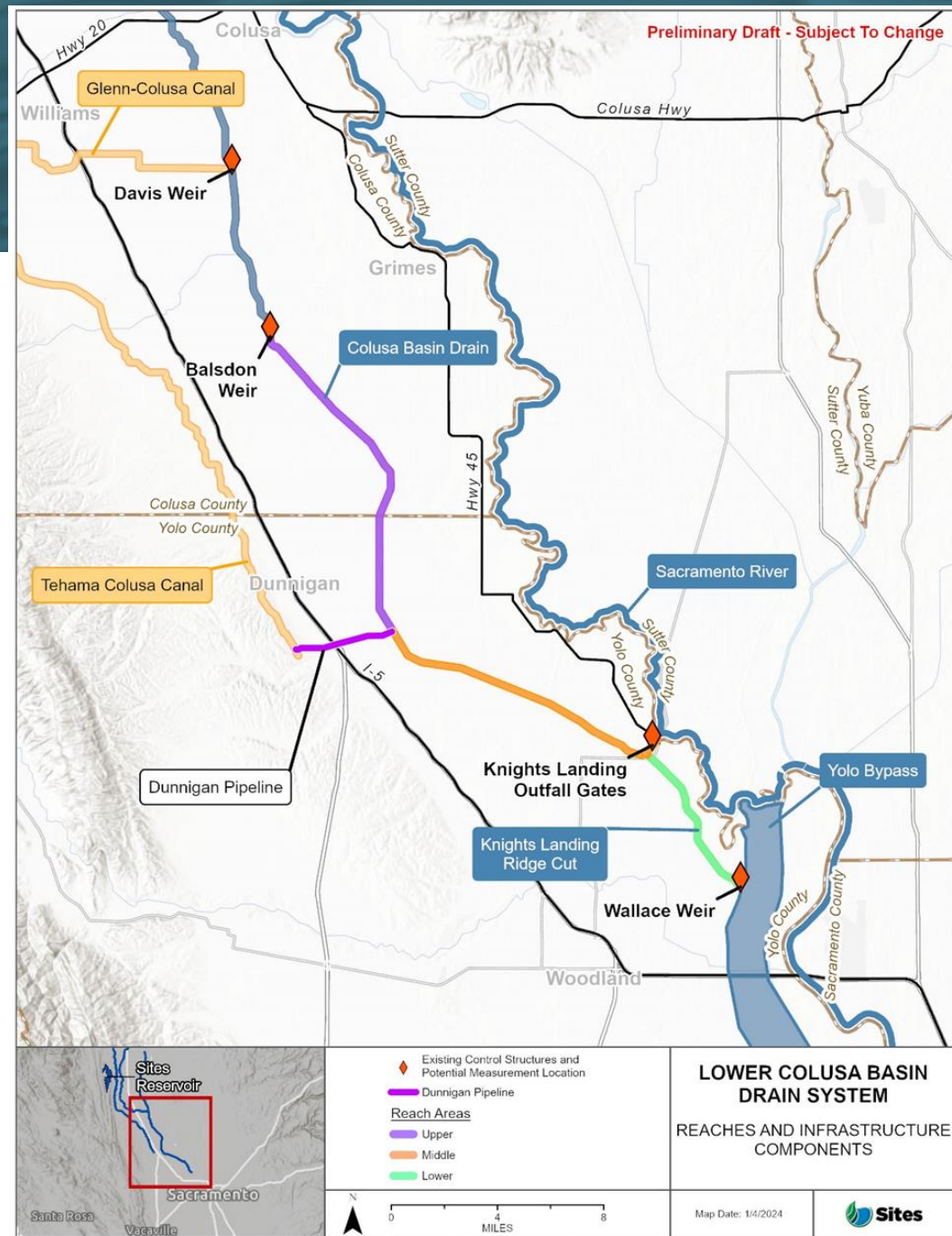


# Lower Colusa Basin Drain System: Principles

In September 2023, Sites Authority adopted the “*Principles of Use*”, which establish guidelines for the Project’s use of the Lower Colusa Basin Drain (CBD) System.

# Lower Colusa Basin Drain System

- Colusa Basin Drain (CBD)
  - 70-mile earthen channel constructed in the 1920s
  - conveys water supply, ag drainage, and stormwater
  - flows into Sacramento River and Yolo Bypass
- Lower CBD System
  - About 30 miles long
  - New Dunnigan Pipeline would connect it to Tehama Colusa Canal, about 40 miles downstream of the reservoir
  - Will convey Sites water for water supply and environmental uses



# Initial Assessment and Potential Agreements

Opportunities and concerns related to Project operations in the Lower CBD System have been identified.

- ‘Principles of Use’ have been guiding discussions with agencies and local community.
- RD 108 is supporting planning efforts.
- Opportunities/concerns have informed the list of potential long-term agreements.
  - A subset of these agreements will support the Benefits and Obligations (B&O) Contract development process.

*Staff seeks review and comment on the list of agreements and related near-term actions.*

# Potential Agreements

**X** = Agreement needed  
**P** = Agreement needed, priority for Amendment 3 work period

\*Subject to results of additional studies and discussions. +Permit for work on Federal levees on the east side of the Middle Reach and encroachment permit for levee work on non-Federal levees on the west side of CBD (if needed).

Potential Parties and Agreements	PLANNING/ DESIGN	CONSTRUCTION				OPERATION & MAINTENANCE			
	Access Agreements for field studies	Land rights for temporary construction needs	Land rights for permanent facilities	Design & Construction Agreements*	Levee Permits* <sup>+</sup>	Flowage Agreements	KLOG Operations	Wallace Weir Operations	Maintenance Agreement*
<b>Individual Landowners</b>									
Upper Reach	x								
Middle Reach	x	x	P	x		P			
Lower Reach	x			x		P			
<b>Agencies</b>									
Colusa Basin Drainage District									x
Central Valley Flood Protection Board					x				
Department of Water Resources							P		
Knights Landing Ridge Drainage District									x
Reclamation District 108						P		P	x
US Army Corps of Engineers					x				
US Department of Agriculture			x						

\* Water rights issues are being addressed separately through the water right permitting process.

# Priority Agreements for the B&O Contract

- Land rights for temporary construction/permanent facilities - conservation easement.
- Flowage agreements.
- Term sheet/s with DWR for KLOG operations and RD 108 for Wallace Weir operations.

QUESTIONS?

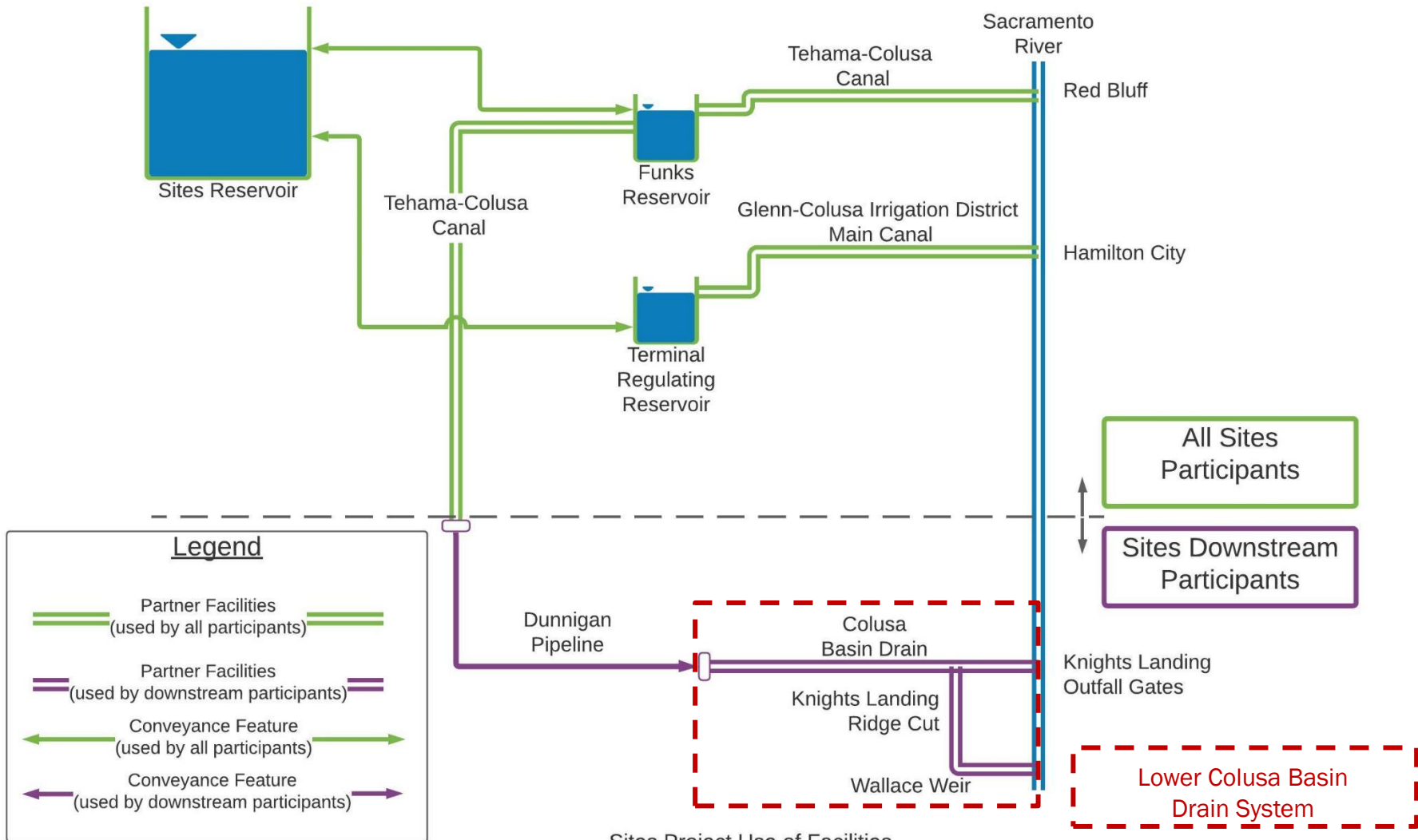


# BULLPEN





# Sites and the Lower CBD System



Sites Project Use of Facilities

# Areas of Opportunities and Concerns



# Proposed Landowner Agreements

- Planning, Design, and Construction Phases:
  - Access agreements for field studies
  - Temporary and/or permanent land rights
  - Design and construction agreements
- Operations and Maintenance Phases:
  - Flowage agreements
  - Temporary and/or permanent access permissions
  - Coordination/communication for KLOG/Wallace Weir operation

# Proposed Agency Agreements

- Planning, Design, and Construction Phases:
  - USDA – Sites Authority will work with the landowner and USDA during the real estate process to secure the needed land rights for construction and operation.
  - USACE/Central Valley Flood Protection Board (CVFPB) – permits for potential levee improvements, if any.
- Operations and Maintenance Phases:
  - DWR and RD 108 – KLOG and Wallace Weir operational adjustments.
  - CBDD, RD 108, KLRDD, others – Potential development of a maintenance program for the Lower CBD System.

# Lower CBD System: Next Steps

STEP	LEAD	TIMELINE
Continued engagement with the Lower CBD Working Group	Sites Project Agreements Team	Approximately quarterly through 2024.
Continued refinement of hydraulic modeling coupled with field verifications	Sites Modeling Team and Real Estate Team for land access	2024
Continued coordination with KSN/CBEC on the Flood Plains Reimagined Project	Sites Modeling Team and Sites Environmental Permitting Team	2024-2025
Desktop Seepage Study in the Lower Reach/KLRC	Sites Modeling Team	Early 2024
*Discussions with USDA regarding conservation easement	Sites Real Estate Team	January-July 2024
*Development and refinement of land rights needs based upon engineering design	Sites Real Estate Team	January-July 2024
*Development of term sheet with DWR and RD 108 regarding KLOG and Wallace Weir operations	Sites Project Agreements and External Affairs Teams	January-July 2024
Analysis of jurisdictions and legal authorities in the Lower CBD System	RD 108's Legal Counsel	January-March 2024
Facilitation of discussions around long-term maintenance program for the Lower CBD System with potential partners	Sites Project Agreements Team	January-December 2024

\*Near-term actions to support the B&O Contract development process.

\*The Sites Environmental Planning and Permitting team will continue the water right permitting process with the State Water Resources Control Board to address water right-related issues.