



**LOS VAQUEROS RESERVOIR JOINT POWERS AUTHORITY
OPERATIONS AND ENGINEERING COMMITTEE
AGENDA**

Regular Meeting
August 18, 2022 – 10:00 a.m.

SPECIAL NOTICE OF TELECONFERENCE ACCESSIBILITY

Pursuant to the provisions of Government Code Section 54953(e), as amended by Assembly Bill 361, any Committee Member and any member of the public who desires to participate in the open session items of this meeting may do so by accessing the Zoom link below without otherwise complying with the Brown Act's teleconference requirements.

Please click the link below to join the Meeting/Webinar:

<https://lagerlof.zoom.us/j/86287179399?pwd=eG83b3NMeVJMTkxkSEpUNVVVYTkIFZz09>

Meeting ID: 862 8717 9399

Passcode: 600779

Or One tap mobile:

US: +16699006833,,86287179399#,,,*600779#

or Telephone: +1 669 900 6833

Any member of the public wishing to make any comments to the Committee may do so by accessing the above-referenced link where they may select the option to join via webcam or teleconference. Members of the public may also submit written comments to the Interim Clerk by 4:00 p.m. on the day prior to the meeting for the Interim Clerk to read into the record (subject to three-minute limitation). The meeting Chair will acknowledge such individual(s) at the appropriate time in the meeting prior to making their comment. Members of the public will be disconnected from the meeting prior to any Closed Session, if applicable.

NOTE: To comply with the Americans with Disabilities Act, if you need special assistance to participate in this Committee meeting, please contact the Authority's Interim Clerk at rperea@lagerlof.com by 4:00 p.m. on August 17, 2022 to inform the Authority of your needs and to determine if accommodation is feasible. Each item on the Agenda shall be deemed to include any appropriate motion, resolution, or ordinance, to take action on any item. Materials related to items on this Agenda are available for public review at: www.losvaquerosjpa.com/board-meetings.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

ROLL CALL OF COMMITTEE MEMBERS

Jose Gutierrez – Chair, San Luis & Delta-Mendota Water Authority

Jonathan Wunderlich – Alameda County Water District

Steve Ritchie – San Francisco Public Utilities Commission

PUBLIC COMMENT ON NON-AGENDA ITEMS

Any member of the public wishing to address the Operations and Engineering Committee regarding items not on the Agenda should do so at this time. The Committee welcomes your comments and requests that speakers present their remarks within established time limits and on issues that directly affect the Authority or are within the jurisdiction of the Authority.

DISCUSSION ITEMS

1.1 June 16, 2022 Operations and Engineering Committee Meeting Summary

1.2 Overview of Contracts for Administration of Public Benefits

FUTURE AGENDA ITEMS

ADJOURNMENT

ITEM 1.1: JUNE 16, 2022 OPERATIONS AND ENGINEERING COMMITTEE MEETING SUMMARY

RESPONSIBLE/LEAD STAFF MEMBER:

James Ciampa, Interim General Counsel

DISCUSSION:

Attached for the Committee's information is the summary prepared for the June 16, 2022 Operations and Engineering Committee meeting.

ALTERNATIVES:

Any suggested revisions to the attached summary will be considered.

FISCAL ANALYSIS:

Not applicable.

ENVIRONMENTAL REQUIREMENTS:

Not applicable.

EXHIBITS/ATTACHMENTS:

Summary from June 16, 2022 Operations and Engineering Committee meeting



SUMMARY OF REGULAR MEETING OF OPERATIONS AND ENGINEERING COMMITTEE

June 16, 2022 – 10:00 a.m.

All members of the Committee (Jose Gutierrez, Chair; Jonathan Wunderlich and Steve Ritchie) were present.

1.2 May 26, 2022 Operations and Engineering Committee Meeting Summary

The summary from the May 26, 2022 Operations and Engineering Committee meeting was presented and was unanimously accepted without change.

1.2 Overview of Los Vaqueros Dam Design and Cost Estimate

Marguerite Patil, Interim Administrator, introduced Stan Ali, Senior Engineer at Contra Costa Water District (CCWD), who provided the Committee with a PowerPoint presentation that gave an overview of the design of the proposed changes to the Los Vaqueros Dam and presented the current draft cost estimate for such project-related work as well as next steps in design. The current construction cost estimate is \$253 million (2021 dollars), which is lower than prior estimates due to refinements made during the design phase. An updated cost model is in development.

Members of the Committee posed questions on certain items discussed in the presentation. Ms. Patil and Mr. Ali provided further clarification, including with respect to the involvement of the California Department of Water Resources, Division of Safety of Dams in the review and oversight of the Project during both the design and construction phases. Chris Hentz, Los Vaqueros Reservoir Expansion Project Engineering Manager at CCWD, addressed the risk assessment issue. He stated that based on prior work done on expanding the dam, most of the risks have already been identified and mitigated. He further stated the primary risk at this point is the potential for construction cost increases.

Future Agenda Items:

Ms. Patil asked members of the Committee for input regarding future items to be discussed. Committee members suggested a presentation that could provide more detailed information on underlying projects that are in progress and a presentation on South Bay Aqueduct in connection with the Phase 2 Los Vaqueros Reservoir Expansion Project.

It was the consensus of the Committee to cancel the July meeting and to schedule the next meeting in August.

The meeting was adjourned at 10:47 a.m.

James D. Ciampa

James D. Ciampa
Interim General Counsel

ITEM 1.2: OVERVIEW OF CONTRACTS FOR ADMINISTRATION OF PUBLIC BENEFITS

RESPONSIBLE/LEAD STAFF MEMBER:

Marguerite Patil, Interim Administrator

DISCUSSION:

CCWD staff will provide the Committee with an overview of the Contracts for Administration of Public Benefits (CAPBs) that are a key element of the California Water Commission's Water Storage Investment Program (WSIP). The Authority is required to execute CAPBs with the California Department of Water Resources and the California Department of Fish and Wildlife prior to the Final Award Hearing for the Phase 2 Los Vaqueros Reservoir Expansion Project. CAPBs establish the requirements and procedures for the administration of the public benefits funded by the WSIP.

ALTERNATIVES:

For information only; no alternatives applicable.

FISCAL ANALYSIS:

Fiscal impact will depend on the final public benefits to be implemented.

ENVIRONMENTAL REQUIREMENTS:

Not applicable

EXHIBITS/ATTACHMENTS:

The slide presentation will be posted following the Committee meeting.

A scenic landscape view of the Los Vaqueros Reservoir. The reservoir is a large body of water in the middle ground, surrounded by rolling green hills. In the foreground, a winding road or path curves through the hills. The sky is blue with scattered white clouds. Wind turbines are visible on the distant hills.

**Los Vaqueros Reservoir
Joint Powers Authority
Operations & Engineering Committee
Agenda Item 1.2**

August 18, 2022

Water Storage Investment Program Overview

- Total amount of state funding awarded by the California Water Commission (CWC) is based on the public benefits that were recognized in the Maximum Conditional Eligibility Determination
 - Proposition 1 established the allowable categories of public benefits
 - At least 50% of the public benefits were required to be ecosystem benefits
 - The CWC's regulations for their Water Storage Investment Program (WSIP regulations) established the requirements for the quantification of public benefits and long-term management of public benefits

LVE Project WSIP Public Benefits

Ecosystem

- Increased water supply for San Joaquin Valley wildlife refuges
- Improved survival of salmonids migrating through Delta

Emergency Response

- Catastrophic emergency
- Drought emergency

Recreation

- Enhance recreation at Los Vaqueros Reservoir & Watershed



Water Storage Investment Program (WSIP) Requirements

WSIP Regulations require completion of the following items to receive final CWC funding:

- ✓ Feasibility studies and final environmental documentation
- Funding agreement between the JPA and its Members to ensure project is fully funded (Service Agreement)
- All federal, state, and local approvals, certifications and agreements required
- **California Department of Fish and Wildlife (CDFW) and California Department of Water Resources (DWR) make individual findings that public benefits meet all the requirements of Water Code 79750 *et seq.***
- **JPA executes contracts for administration of public benefits (CAPBs) with CDFW and DWR**
- CWC holds a public hearing allowing for public review and comment (CWC Final Award Hearing) and determines all requirements have been met

Contracts for Administration of Public Benefits

WSIP regulations require Contracts for Administration of Public Benefits (CAPBs) to contain:

- Adaptive management plan
- Description of public benefits
- Reporting requirements (to CDFW, DWR and CWC)
- Assurances regarding how the project will be operated, maintained, repaired, replaced and rehabilitated
- Allowance for CDFW and DWR inspection during project construction and operation
- Actions the administering agency may take if project fails to comply with contractual responsibilities
- Other provisions deemed necessary by CDFW and DWR

Contracts for Administration of Public Benefits (cont.)

- CAPBs will supersede any preliminary operations, monitoring, and management commitments described in the WSIP application
- CAPBs are anticipated to establish the required duration of the public benefits
 - WSIP regulations do not include a specific requirement for duration
- CAPBs are anticipated to consider long-term average of public benefits as well as inter-annual variability

Adaptive Management

WSIP regulations require adaptive management plans include:

- Public benefit monitoring metrics
- Monitoring locations, frequencies, and timing
- Metric evaluation methodology and trigger levels that initiate adaptive management actions
 - Based on best available science
- Decision making process, including the administering agency role, and the adaptive management actions that would be taken when a trigger is reached
- Funding sources and financial commitments to implement the adaptive management plan
- Other items deemed necessary on a case-by-case basis by administering agencies

Contract for Administration of Ecosystem Benefit

- CDFW is responsible for:
 - verifying the public ecosystem benefits
 - administration of public ecosystem benefits
- CDFW has provided a first draft of contract for administration of ecosystem benefit
 - Appears to closely track the WSIP regulations
- CDFW has reviewed permit applications & operations modeling to confirm ecosystem benefits
- CDFW is requiring issuance of their incidental take permits prior to execution of CAPB
- CDFW is in the process of developing adaptive management plan framework

Contract for Administration of Emergency Response and Recreation Benefits

- DWR is responsible for:
 - verifying the public emergency response and recreation benefits
 - administration of public emergency response and recreation benefits
- DWR has initially indicated they prefer a combined CAPB (emergency response and recreation)
- DWR has assigned staff, but has not yet provided a draft of the contract or adaptive management framework

Next Steps for CAPBs

- Continue to work with CDFW to advance permitting
- Work with CDFW to complete development of CAPB and adaptive management plan for ecosystem benefits
- Work with DWR to develop CAPB and adaptive management plan for emergency response and recreation benefits
- Work with CWC to determine additional reporting requirements, if any, and prep for Final Award Hearing
- Continue to coordinate with other WSIP project proponents on approach to CAPB development