



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

Regular Meeting  
July 20, 2023 – 10:00 a.m.

Directors participating telephonically:

Jose Gutierrez	3130 North Fresno Street, Fresno, California 93703
Antonio Martinez	1331 Concord Ave. Concord, California 94520
Steve Ritchie	525 Golden Gate Avenue, San Francisco, California 94102
Jonathan Wunderlich	43885 S. Grimmer Blvd., Fremont, California 94538

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This meeting will be conducted remotely 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/83227564437?pwd=SnBST0lHQXdkbm8rNEp0ODB0NjN0dz09>**

**Webinar ID: 832 2756 4437**

**Passcode: 567930**

**Or One tap mobile:**

**US: +16699006833,,83227564437#,,,\*567930#**

**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 Clerk by 4:00 p.m. on the day prior to the meeting for the 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](mailto:rperea@lagerlof.com) by 4:00 p.m. on July 19, 2023 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](http://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

Antonio Martinez – Contra Costa 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 15, 2023 Operations and Engineering Committee Meeting Summary**

**1.2 Presentation on Anticipated Water Rights Petition and Related Water Rights Issues**

## **FUTURE AGENDA ITEMS**

## **ADJOURNMENT**

**ITEM 1.1: JUNE 15, 2023 OPERATIONS AND ENGINEERING COMMITTEE MEETING SUMMARY**

**RESPONSIBLE/LEAD STAFF MEMBER:**

James Ciampa, General Counsel

**DISCUSSION:**

Attached for the Committee's information is the summary prepared for the June 15, 2023 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 15, 2023 Operations and Engineering Committee meeting.



## **SUMMARY OF REGULAR MEETING OF OPERATIONS AND ENGINEERING COMMITTEE**

June 15, 2023 – 10:00 a.m.

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Chair Jose Gutierrez and Committee Members Jonathan Wunderlich and Steve Ritchie participated telephonically. Committee Member Antonio Martinez was absent. Staff and eleven others also participated. The meeting was called to order at 10:00 a.m.

Chair Jose Gutierrez called for public comment on non-agenda items. None were received.

### **1.1 March 16, 2023 Operations and Engineering Committee Meeting Summary.**

The summary from the March 16, 2023 Operations and Engineering Committee meeting was presented. On motion by Committee Member Ritchie, seconded by Committee Member Wunderlich, the draft summary was unanimously accepted with no revisions and will be included in the next Board meeting packet.

### **1.2 Update on Pumping Plant No. 1 Replacement Design.**

Executive Director Taryn Ravazzini provided a brief background on Pumping Plant No. 1 and introduced Stan Ali of Contra Costa Water District to provide a detailed update on that facility. Mr. Ali stated Pumping Plant No. 1 has a current capacity of 100 cubic feet per second (cfs) and that capacity must be increased to 350 cfs (approximately 30,000 acre-feet per year) in order to deliver contemplated supplies to the Authority members through the Neroly High Lift Pump Station, as well as to meet CCWD's reliability needs when the Los Vaqueros Reservoir is taken out of service.

Mr. Ali reviewed the current status of the design of the replacement facility for Pumping Plant No. 1, including reviewing the results of the geotechnical investigation completed in July 2022 and the results from the physical model of the Pumping Plant No. 1 replacement. He also stated some changes were made as a result of value engineering and reviewed the anticipated construction schedule and related design coordination agreements that are needed and noted that construction on Pumping Plant No. 1 is scheduled to commence in January 2025.

Committee Member Ritchie inquired whether the cost considerations and recommended revisions to the facility made through the value engineering efforts would reduce reliability or structural integrity. He was assured those revisions and cost considerations would not impact reliability or structural integrity. With respect to the specified 120-week lead time for the

transformers, Committee Member Ritchie asked whether anything could be done to speed up the process and stated his agency recently had a positive experience a company based in San Carlos that provided transformers with a much shorter lead time. Committee Member Ritchie will provide contact information for that supplier to CCWD.

Committee Member Wunderlich asked when the overall project cost estimate would be available. Mr. Ali advised CCWD is nearing completion on that update and will have that information available in early July. Committee Member Wunderlich also commented on the potential for giving the JPA members enhanced priority of deliveries through Pumping Plant No. 1.

Chair Gutierrez asked who will maintain the Contra Costa Canal. Mr. Ali responded CCWD will maintain that canal, but the area upstream of the Rock Slough Fish Screen Afterbay will be maintained by the Bureau of Reclamation and the area below the Afterbay will be maintained by CCWD. Chair Gutierrez also inquired regarding any operational constraints. Maureen Martin of CCWD advised that the modeling and environmental analysis conducted to date has shown the project can provide all contemplated benefits through the facilities as designed.

Committee Member Ritchie left the meeting at 10:31 a.m.

Chair Jose Gutierrez called for public comments. None were received.

### **1.3 Update on Transfer-Bethany Pipeline**

Executive Director Ravazzini then introduced Bryan Perkins, Senior Engineer on CCWD's Los Vaqueros Project team, who provided an update on the status of the Transfer-Bethany Pipeline (TBPL), which will deliver water from the expanded Transfer Pump Station to the California Aqueduct. Mr. Perkins reviewed the selected TBPL alignment and hydraulic profile of the TBPL. Mr. Perkins also gave the Committee an overview of the Turn-In Agreement that is under negotiation with the Department of Water Resources and provided an update on the Turn-In design. Mr. Perkins also provided the results of the geotechnical and environmental site investigations conducted to date, discussed right-of-way acquisition and reviewed the TBPL schedule. Bidding for the project will take place in late 2025 and construction is anticipated to be completed in 2028.

Committee Member Wunderlich asked whether the selected pipeline alignment shown is the same alignment previously presented to the California Department of Fish and Wildlife. Mr. Perkins advised that it was. Committee Member Wunderlich also asked about ownership of the TBPL. Mr. Perkins stated it is anticipated the Authority will own most of the TBPL, but DWR will own the facilities on its land, which is approximately one mile in length.

Chair Jose Gutierrez called for public comments. None were received.

### **FUTURE AGENDA ITEMS:**

- Update on costs and construction of the pipeline.

Next Operations and Engineering Committee meeting: July 20, 2023

The meeting was adjourned at 10:50 a.m.

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*James D. Ciampa*

James D. Ciampa  
General Counsel

**ITEM 1.2: PRESENTATION ON ANTICIPATED WATER RIGHTS PETITION AND RELATED WATER RIGHTS ISSUES**

**RESPONSIBLE/LEAD STAFF MEMBER:**

Taryn Ravazzini, Executive Director

**DISCUSSION:**

The Los Vaqueros Reservoir Expansion Project Phase 2 (Project) will increase the reservoir's capacity from 160,000 acre-feet to 275,000 acre-feet and add new and modified conveyance facilities to provide environmental, water supply reliability, operational flexibility, water quality, and recreational benefits. To achieve these benefits, Contra Costa Water District (CCWD), the U.S. Bureau of Reclamation and the California Department of Water Resources (DWR) will file water rights change petitions with the State Water Resources Control Board in connection with the Phase 2 Expansion operations.

Lucinda Shih, CCWD Water Resources Manager, will provide an overview of the status, need, procedures, and next steps relating to those water rights petitions and related issues.

**ALTERNATIVES:**

For information only.

**FISCAL ANALYSIS:**

Not applicable.

**ENVIRONMENTAL REQUIREMENTS:**

Not applicable.

**EXHIBITS/ATTACHMENTS:**

Water Rights Presentation.

The logo for the Los Vaqueros Reservoir Expansion Project. It features the words "LOS VAQUEROS" in blue, "RESERVOIR EXPANSION" in green, and "PROJECT" in green. To the right of the text is a stylized graphic of a reservoir dam or expansion structure, composed of several horizontal bars of varying heights, colored in shades of blue and green.

# LOS VAQUEROS RESERVOIR EXPANSION PROJECT

The background of the slide is a scenic landscape. In the foreground, there are rolling green hills with a paved path. In the middle ground, a large blue reservoir is visible, with a dam structure. In the background, there are more rolling green hills and a line of wind turbines under a clear sky.

## Water Rights for Phase 2 Los Vaqueros Reservoir Expansion Project

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# Water Rights Approach

- **LVE will divert, store, and deliver water under existing water rights already available to partners**
  - **Changes to existing CCWD, CVP & SWP water rights permits are needed to enable operations**
  - **Partners are evaluating third-party transfers and other water supplies as well**
- **No new water rights are being sought as part of the LVE**

# Partner Water Sources

- **CVP Contractors:**

- **Byron-Bethany Irrigation District**
- **City of Tracy**
- **Contra Costa Water District**
- **Del Puerto Water District**
- **East Bay Municipal Utility District**
- **Panoche Water District**
- **Santa Clara Valley Water District**
- **Westlands Water District**
- **Grassland Water District and other wildlife refuges**

- **SWP Contractors:**

- **Alameda County Water District**
- **Santa Clara Valley Water District**
- **Zone 7 Water Agency**

- **San Francisco Public Utilities Commission is securing separate water supply**

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# CCWD Water Rights History

- **As a CVP Contractor, CCWD has been diverting water under CVP water rights from Rock Slough intake since the 1940s**
- **For the original Los Vaqueros Project, State Water Resources Control Board (SWRCB) issued Water Rights Decision 1629 for CCWD & Reclamation water rights permits**



# Existing CCWD & CVP Water Rights

- **Permitted points of diversion at Rock Slough, Old River, Middle River intakes**
- **Permitted diversion rates**
  - **350 cfs at Rock Slough intake**
  - **250 cfs at Old River and Middle River intakes, 320 cfs combined**
  - **200 cfs filling to Los Vaqueros**
- **No change to CCWD or CVP places of use**
- **No change to overall CVP developed use – LVE will provide a new pathway to deliver water for existing uses**

# CCWD & CVP Water Rights Changes



- **Add Rock Slough intake as point of diversion to Los Vaqueros storage (CCWD & CVP rights)**
  - **Due to Neroly High-Lift Pump Station**
- **Add Freeport intake as point of diversion to other CVP permits**
- **Add diversion to storage under CVP rights**
- **Increase total permitted diversions through CCWD intakes to 439 TAF/year**
- **Update fishery protection terms to be consistent with new fishery permit (ITP)**

# SWP Water Rights Changes

- **Add CCWD and Freeport intakes as points of diversion**
- **Add Los Vaqueros Reservoir as place of storage**
- **Subject to same limits and terms as CCWD & CVP permits**
- **No change to overall SWP developed use – LVE will provide a new pathway to deliver water for existing uses**

# Water Rights Schedule

- **CCWD, Reclamation & DWR water rights team meets biweekly with SWRCB staff**
  - **SWRCB staff are currently reviewing draft CCWD & Reclamation change petitions**
- **CCWD, Reclamation & DWR plan to file petitions together as a package this fall**
- **SWRCB staff will notice the change petitions**
  - **CCWD and LV JPA team will continue to conduct stakeholder outreach to minimize protests**

