

CALLEGUAS MUNICIPAL WATER DISTRICT
SPECIAL BOARD OF DIRECTORS MEETING
December 08, 2021

MINUTES

The meeting of the Board of Directors of Calleguas Municipal Water District was held telephonically and via videoconference in accordance with the State of Emergency Declaration issued on March 4, 2020 by the Governor of the State of California, Government Code §54953(e) and Calleguas Resolution No. 2031.

The meeting was called to order by Steve Blois, President of the Board, at 5:01 p.m.

A. CALL TO ORDER, PLEDGE OF ALLEGIANCE, AND ROLL CALL

Directors Present via Videoconference: Steve Blois, President
Scott Quady, Treasurer
Raul Avila, Secretary
Andy Waters, Director

Directors Absent: Andres Santamaria, Vice President

Staff Present at District Headquarters and Participating via Videoconference: Anthony Goff, General Manager
Henry Graumlich, Associate General Manager
Rob Peters, Manager of Operations and Maintenance
Kristine McCaffrey, Manager of Engineering
Dan Drugan, Manager of Resources
Dan Smith, Manager of Administrative Services
Steve Sabbe, IT Coordinator

Staff Present via Videoconference: Grant Burton, Manager of Human Resources
Kara Wade, Clerk of the Board
Kayde Wade, Administrative Assistant

Legal Counsel Present via Videoconference: Robert Cohen, Cohen & Burge, LLP, District Counsel

B. MINUTES

On a motion by Director Avila, seconded by Director Waters, the Board of Directors voted 4-0 to approve the November 17, 2021 minutes.

AYES: Directors Waters, Avila, Quady, Blois

NOES: None

ABSENT: Director Santamaria

C. WRITTEN COMMUNICATION

1. Letter regarding Integrated Resources Plan (IRP) draft key findings

The Associate General Manager said that, through this letter, Calleguas and other member agencies provided comments to Metropolitan on the IRP draft's key findings. He noted that the letter illustrated Calleguas' cooperation with the Los Angeles Department of Water and Power, and the San Diego County Water Authority, along with other member agencies with whom Calleguas has worked in the past. It is anticipated that there will be continued discussion about the draft findings pending finalization by the Metropolitan Board. No action was taken.

D. PUBLIC FORUM/ORAL COMMUNICATION

None

E. GENERAL MANAGER

1. General Manager's Report

The General Manager reported on meetings attended and matters of interest to the Board of Directors.

2. November 2021 Monthly Status Report

The Board asked questions, which the General Manager and department managers answered. No action was taken.

F. ADMINISTRATIVE SERVICES

1. October 2021 Financial Statements

The Manager of Administrative Services presented the report. No action was taken.

G. HUMAN RESOURCES

None

H. OPERATIONS AND MAINTENANCE

1. Lake Bard Quagga Monitoring Program

The Manager of Operations and Maintenance presented a video on the District's Lake Bard Monitoring Program. Staff routinely monitors for larval "veliger" stage Quagga mussels in Lake Bard. The Operations and Maintenance Department continues to work

with the Resources and Public Affairs Department on videos and other content that highlight work accomplished by Calleguas staff. No action taken.

I. RESOURCES AND PUBLIC AFFAIRS

1. Water Supply Update

The Manager of Resources provided an update on water supplies. No action was taken.

J. ENGINEERING AND CONSTRUCTION

1. Discussion regarding the Water Supply Alternatives Study

The Manager of Engineering provided an update on the Water Supply Alternatives Study, presenting the results of the following projects from Phase 2.2:

- Truck Desalinated Water from Mobile Desalination Plant at Point Mugu to Lake Bard
- Lake Cachuma Storage and Connection to Calleguas with New Water Treatment Plant
- Lake Cachuma Storage and Connection to Calleguas with Use of Ventura Water Facilities
- 5th Street Reservoir and Water Filtration Plant
- 5th Street Reservoir and Conveyance to Lake Bard
- Alternative Delivery of Imported Water – Raw Water Supply Pipeline + Storage in Fillmore and Piru Basins
- Alternative Delivery of Imported Water – Santa Clara River + Storage in Piru and Fillmore Basins
- Alternative Delivery of Imported Water – Conveyance Through Piru Creek + Storage in Fillmore and Piru Basins
- Increased Pumping from Simi Valley Basin During Outage
- Pumping West Las Posas Credits for Multiple Agency Use

The fact sheets for these projects were provided in the packet. The packet also included a summary of the projects being evaluated and their status. No action was taken.

2. Discussion regarding approval of a capital project budget increase in the amount of \$190,000 for CCNB Broken Back Rehabilitation, Phase 4 (Project No. 598)

The Manager of Engineering said that the CCNB Broken Back Rehabilitation, Phase 4 (Project No. 598) was previously approved by the Board to rehabilitate five locations along Calleguas Conduit North Branch (CCNB) using carbon fiber reinforcement that are susceptible to broken back failures. Broken back failures can occur in prestressed concrete cylinder pipe (PCCP) where steel casings or concrete encasements transition

to soil. Calleguas has experienced several failures of this kind and broken back rehabilitation was previously identified as one of the most important capital projects in an evaluation by Board and staff.

One of the most challenging aspects of broken back rehabilitations is locating the pipe segment at risk of a broken back failure from the inside of the pipe since concrete encasements and steel casings are typically located under creeks, railroads, and other locations where potholing is not possible due to access constraints or permitting restrictions. As a result, encasements and casings need to be located from inside the pipe using specialized tools and instruments. In order to test and verify the effectiveness of these locating tools, staff previously buried a single 15-foot-long section of PCCP to springline and encased it in concrete at Wellfield No. 2 to test three concrete encasement locating technologies: shear wave ultrasonic tomography, impulse response, and ground penetrating radar.

Results from the shear wave ultrasonic tomography and impulse response testing were promising and warranted additional testing to verify their accuracy. In order to do so, staff recommended constructing a testing site that more accurately reflects field conditions. The testing configuration would include fully buried 51-inch and 78-inch PCCP, concrete encasement that is not visible from the surface, and precast manholes for safe entry and exit from the interior of the pipeline. A suitable location for the testing site was identified at Wellfield No. 1. Lash Construction will perform the construction under the As-Needed Pipeline Services Contract. Engineering support for locating instrument testing will be provided by Wiss Janney Elstner Associates.

In addition, the buried pipe facility will provide a confined space entry and rescue training site for District staff. Rescue personnel are required to be present at each permit-required confined space entry to aid in the immediate rescue of an entrant that cannot conduct self-rescue, which requires that the District perform rescue training and drills for certain staff annually. This facility will allow staff to receive training and practice rescue techniques in a location that closely replicates actual conditions in the District's system without shutting down any facilities.

The initial budget previously approved was intended to cover the design and installation of the pipe and encasement testing site. Design was completed and staff worked with the design engineer and Lash Construction to minimize the cost, but ultimately it was not possible to modify the design sufficiently to reduce the cost enough to perform the work within the existing budget.

This phase covers the construction of the pipe and encasement testing site and encasement locating instrument testing effort. Once locating instruments have been successfully tested, design will follow under a separate capital project budget allocation.

On a motion by Director Quady, seconded by Director Avila, the Board of Directors voted 4-0 to approve the budget increase.

AYES: Directors Waters, Avila, Quady, Blois

NOES: None

ABSENT: Director Santamaria

3. Approval of a new capital project: Crew Building Improvements and Networking Center Relocation (Project No. 603)

The Manager of Engineering provided an overview of the project. She said that the Crew Building was originally constructed in 1984 and designed to house approximately 17 Operations & Maintenance (O&M) employees. In 2005, the Crew Building was modified to add an additional office and space for technicians. Today, the Crew Building has exceeded its capacity and houses 26 staff members requiring O&M to lease a mobile trailer for the Safety Officer and file cabinets due to space constraints in the Crew Building. Space constraints will be exacerbated by the need to relocate the Instrumentation and Controls Division (both staff offices and workshop space) and the Emergency Operations Center, which are currently located in the CPS Building that will be demolished as part of the upcoming Conejo Pump Station (CPS) Rehabilitation.

In order to accommodate the current staff and anticipated future growth in the O&M department, staff recommends the expansion of the Crew Building to provide an adequately-sized safe, efficient, and legally compliant workspace for O&M staff, including staff and facilities that must be relocated due to the CPS Rehabilitation. These improvements include the construction of a new 11,500 square foot (sf), single-story, pre-engineered, stand-alone structure addition to the existing Crew Building containing:

- Approximately 8,300 sf of office space, workshops, and storage.
- Approximately 2,000 sf combined Emergency Operations Center and large conference room.
- Men's restroom and locker rooms.

The existing Crew Building will also be remodeled to include:

- Seismic retrofit of the entire building.
- Conversion of office space into a mud room with personal protective equipment lockers.
- Conversion of the existing men's locker and bathroom into a women's locker and bathroom.
- Conversion of the existing women's bathroom into a gender-neutral bathroom.
- Removal of propane system and conversion of existing heating, ventilation, and air conditioning (HVAC), hot water, and cooking appliances to electric.

The hydropneumatic system that serves the existing Crew Building and a handful of other nearby facilities also needs to be upgraded and replaced to meet the demands of the modified facilities.

The relocation of the Networking Center (NWC) is also necessary due to:

- The planned rehabilitation of CPS will include the demolition of the CPS building, which will make it difficult, if not impossible, to maintain power to and operation of the NWC throughout construction. Relocating the NWC ahead of time will ensure the NWC, one of the District's most critical facilities, remains operational at all times and would simplify sequencing of the already complicated CPS rehabilitation.
- The space occupied by the NWC was constructed in 1965, predating current seismic standards. A seismic evaluation of the building found that the concrete masonry unit walls are partially grouted and reinforcing does not meet current standards. While the building appears to present no life safety hazard in a significant earthquake, operation of the NWC could be disrupted.
- The networking equipment is approaching the end of its useful life cycle and will require replacement by 2024. Combining the relocation of the NWC and equipment replacement will be more efficient and facilitate sequencing.

Additionally, the existing roofs of the Control, Chemical, Ozone, and Preozone Buildings need to be replaced, similar to the recent replacement of the Administration Building Roof. Incorporating the roof replacements into this project is more efficient than performing the roof replacements under a separate construction contract.

Lastly, additional space in the Administration Building and water quality laboratory is needed. A 200 sf addition at the southwestern corner of the Administration Building will provide for additional storage. The current water quality laboratory in the Control Building needs to be remodeled to accommodate additional space for a work bench, storage, a new fume hood, and additional work area.

The Board previously approved conceptual design for the rehabilitation of Conejo Pump Station (Project No. 480), which included the expansion of the existing Crew Building and relocation of the Networking Center. Conceptual design of the Crew Building Improvements and relocation of the Networking Center has been completed. Conceptual design of CPS Rehabilitation is underway but, due to the magnitude and complexity of the project, it will still take several years for design to be completed and construction to commence. To address the space constraints in the Crew Building in a more timely fashion, staff recommended the approval of a new capital project to move forward with the improvements of the Crew Building and relocation of the Networking Center separately.

Due to the wide variety of improvements involved in this project, the design requires numerous disciplines, including architectural; civil; mechanical; HVAC; structural;

plumbing and fire suppression; instrumentation; and electrical, resulting in nearly 200 plan sheets.

This budget covers engineering design activities. Estimated construction costs are anticipated to be approximately \$9,510,000.

On a motion by Director Avila, seconded by Director Quady, the Board of Directors voted 4-0 to approve the new capital project and budget of \$2,220,000.

AYES: Directors Waters, Avila, Quady, Blois

NOES: None

ABSENT: Director Santamaria

4. Discussion regarding approval of professional services by Kennedy Jenks to perform design of the Crew Building Improvements and Networking Center Relocation (located at the District's headquarters at 2100 Olsen Rd) for an amount not-to-exceed \$1,704,500

The Manager of Engineering said that, as described above, the Crew Building Improvements and Networking Center Relocation are needed to provide sufficient space for existing and future O&M staff, including office space, locker rooms, conference rooms, and an appropriately sized and equipped Emergency Operations Center. The Networking Center also needs to be relocated to accommodate CPS Rehabilitation, several roofs in the Lake Bard Water Filtration Plant (LBWFP) need to be replaced, and additions and modifications are needed at the Administration Building and Lab.

Kennedy Jenks (KJ) was the design engineer for the LBWFP and its subsequent expansion; they have also provided architectural type design services for several other projects on the property, including the Administration Building Expansion and the Administration Building Roof Replacement. KJ's work has been excellent thus far and the cost for professional services is reasonable for the work required.

On a motion by Director Quady, seconded by Director Avila, the Board of Directors voted 4-0 to approve the professional services.

AYES: Directors Waters, Avila, Quady, Blois

NOES: None

ABSENT: Director Santamaria

K. WATER POLICY AND STRATEGY

1. Update on Regional and State Actions Affecting Water Supply to Metropolitan's State Water Project Dependent Areas

The Associate General Manager provided an update on State and Metropolitan actions related to the State Water Project (SWP) dependent areas. On December 1, the Department of Water Resources (DWR) announced an initial SWP allocation of zero percent. DWR may make health and safety deliveries if there is insufficient water to provide a SWP allocation. Discussions are ongoing between Metropolitan staff and DWR on how to characterize critical commercial, industrial, and institutional water demands as a potential additional element to domestic health and safety demands. There are other issues in the Delta that will need to be balanced in determining the water available to meet SWP demands, including the Bay Delta Water Quality Control Plan, Federal and State coordinated interim delta facility operations, and conflicting Federal and State biological opinions governing exports from the delta. If there continues to be insufficient precipitation for the State to increase the SWP allocation in February 2022, Metropolitan may consider more stringent drought emergency measures to balance demand and supply. No Board action was taken.

L. DISTRICT COUNSEL

District Counsel said that the Las Posas Adjudication Phase II trial remains on the calendar for January 19, 2022.

M. BOARD OF DIRECTORS

1. Oral reports on meetings attended by Board members

Board members provided oral reports on meetings attended at the expense of the District, pursuant to Government Code Section 53232.3(d). All expenses would be filed at the end of the month, accompanied by receipts.

2. Discussion regarding upcoming meetings to be attended by Board members

The Board discussed meetings they planned to attend.

3. Metropolitan update

Director Blois provided an update on the latest Metropolitan Board of Directors meetings and matters of interest to the Calleguas Board of Directors. Director Blois noted that the Board is focused primarily on drought response issues including a variety of projects to increase the operational flexibility on the East Branch of the SWP dependent areas to access Colorado River water. He has been advocating for similar

projects that would benefit the West Branch of the SWP which serves the District, Las Virgenes Municipal Water District, and a large portion of the City of Los Angeles.

O. OTHER BUSINESS

None

P. FUTURE AGENDA ITEMS

- Finance Committee Meeting
- Overview of LAFCo Issues
- Results of the District's Ocean Outfall Permit Mixing Zone Study
- Redistricting

Q. ADJOURNMENT

Director Blois declared the meeting adjourned at 7:18 p.m.

Respectfully submitted,

DocuSigned by:



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Raul Avila, Board Secretary