

CALLEGUAS MUNICIPAL WATER DISTRICT
BOARD OF DIRECTORS MEETING
September 2, 2020

MINUTES

The meeting of the Board of Directors of Calleguas Municipal Water District was held telephonically and via videoconference in accordance with Executive Orders N-25-20, N-29-20, and N-33-20 of the State of California on September 2, 2020.

The meeting was called to order by Thomas Slosson, President of the Board, at 5:02 p.m.

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

Directors Present Via Videoconference: Thomas L. Slosson, President
Andres Santamaria, Vice President
Scott Quady, Treasurer
Steve Blois, Director
Andy Waters, Secretary

Staff Present at District Headquarters and Participating Via Videoconference: Anthony Goff, General Manager
Dan Drugan, Manager of Resources
Kristine McCaffrey, Manager of Engineering
Rob Peters, Manager of Operations and Maintenance

Staff Present Via Videoconference: Dan Smith, Manager of Administrative Services
Henry Graumlich, Associate General Manager
Kara Wade, Clerk of the Board

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

B. MINUTES

On a motion by Director Blois, seconded by Director Santamaria, the Board of Directors voted 5-0 to approve the August 19, 2020 minutes.

AYES: Directors Blois, Waters, Quady, Santamaria, Slosson

NOES: None

C. WRITTEN COMMUNICATION

None

D. PUBLIC FORUM/ORAL COMMUNICATION

None

E. GENERAL MANAGER

The General Manager gave a report on upcoming agenda items and recent meetings that he attended

- At the next Board meeting, nomination of a Calleguas Board member to serve on the Local Agency Formation Commission (LAFCo) Board in the special district regular member seat will be on the agenda. LAFCo nominations are due by September 25.
- On August 24, the District hosted a Purveyor Managers Meeting where the Manager of Resources discussed Calleguas' Imported Water Outage Protocol (IWOP), a planning effort intended to formalize demand reduction actions with District purveyors in the event of a medium- to long-term outage of imported water. This was the first in a series of workshops to review the District's water supply capabilities in the event of an outage and seek input from purveyor managers. The next workshop is scheduled for September 23 to discuss allocation methods and outreach.
- On August 26, the General Manager attended the Fox Canyon Groundwater Management Agency (FCGMA) meeting. The Consensus Building Institute Facilitators for the Oxnard and Pleasant Valley Basins presented on progress with the facilitated process. The FCGMA Board also decided to support Mary Anne Rooney for LAFCo's special district regular member seat.
- On August 27, the General Manager, Associate General Manager, Manager of Engineering, and Manager of Resources met with Casitas MWD's executive management team to hear a detailed presentation on the development and operation of the Casitas system.
- On August 28, the General Manager attended the Metropolitan General Managers Working Group Meeting, facilitated by the Associate General Manager, with a presentation on Metropolitan Water District of Southern California's (Metropolitan) Integrated Water Resources Plan and subsequent discussion by the Member Agency General Managers.
- On September 1, the General Manager monitored the facilitated meeting for the Oxnard and Pleasant Valley Basins stakeholders where United Water Conservation District discussed Basin Optimization Scenarios and the stakeholders made the decision to continue with facilitation process.

- In October 2020, Calleguas will celebrate 60 years as a Metropolitan member agency. Staff is developing a video to commemorate this noteworthy milestone.

1. August 2020 Monthly Status Report

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

F. ADMINISTRATIVE SERVICES

None

G. OPERATIONS AND MAINTENANCE

None

H. RESOURCES AND PUBLIC AFFAIRS

None

I. ENGINEERING AND CONSTRUCTION

1. Approval of a new capital project: CCNB Broken Back Rehabilitation, Phase 4 (Project No. 598)

The Manager of Engineering said that the CCNB Broken Back Rehabilitation, Phase 4 will rehabilitate the Calleguas Conduit North Branch (CCNB), a 66" and 78" diameter pre-stressed concrete cylinder pipe (PCCP), at 5 locations in Simi Valley using carbon fiber reinforcement. The 5 sites are located throughout the City of Simi Valley and a location map was provided in the Board packet. These sites were selected to comprise the next phase in order to address some of the most critical locations; those located on the CCNB, adjacent to a railroad track, and constructed under a soft bottom channel.

This rehabilitation approach at particularly vulnerable locations should prevent a type of failure known as a "broken back", which can occur in PCCP where casings or encasements transition to soil. Calleguas has experienced several failures of this kind and broken back rehabilitation was previously identified as the most important capital project in an evaluation by Board and staff. The sites have been prioritized into phases for implementation and this is the fourth of approximately seven anticipated phases.

Most recently, three locations were rehabilitated in 2016 using carbon fiber reinforcement. During that work, there were significant difficulties with accurately locating the extent of the concrete encasements from inside the pipeline, which is essential in order to properly install the carbon fiber, necessitating potholing of the encasements. Since that time, no additional locations have been rehabilitated as

potholing the extent of the encasement is not feasible at the remaining locations. Staff has been investigating potential alternative encasement locating technologies.

Staff previously buried a single 15-foot long section of PCCP up 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 warrant 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" and 78" PCCP (which are available at the wellfield), 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 has been identified at Wellfield No. 1. Lash Construction would perform the construction under the As-Needed Pipeline Services contract. Engineering support for locating instrument testing would 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.

This initial budget covers the installation of the pipe and encasement testing site to enable encasement locating instrument testing and provide a location for confined space entry and rescue. Once locating instruments have been successfully tested, design will follow.

The Manager of Engineering provided a brief presentation on the history of broken backs rehabilitation and investigation into the encasement locating tools.

On a motion by Director Blois, seconded by Director Santamaria, the Board of Directors voted 5-0 to approve the new capital project and budget of \$211,000.

AYES: Directors Blois, Waters, Quady, Santamaria, Slosson
NOES: None

- 2. Discussion regarding Resolution No. 2002, award of the contract for the Lake Sherwood Pump Station Rehabilitation, Project No. 591, located approximately 400 feet southwest of 493 Hillsborough Street, Thousand Oaks**

A RESOLUTION OF THE BOARD OF DIRECTORS
OF CALLEGUAS MUNICIPAL WATER DISTRICT

AWARDING THE CONTRACT FOR THE CONSTRUCTION OF
LAKE SHERWOOD PUMP STATION REHABILITATION

The Manager of Engineering said that, on August 20, the District received five bids for the Lake Sherwood Pump Station Rehabilitation (Project No. 591) ranging from \$2,844,000 to \$3,398,644. The low bid was 5.2 percent below the Engineer's estimate of \$3 million. The Design Engineer and Calleguas staff have reviewed the bids; their recommendation is to award the project to the lowest responsive bidder, Mehta Mechanical Company, Inc., dba MMC, Inc., for a contract amount of \$2,844,000. MMC, Inc., meets the experience requirements to perform the work.

On a motion by Director Waters, seconded by Director Quady, the Board of Directors voted 5-0 to adopt Resolution No. 2002. Resolution No. 2002 is attached and made part of these minutes.

AYES: Directors Blois, Waters, Quady, Santamaria, Slosson
NOES: None

3. Discussion regarding approval of professional services by Northern Digital, Inc., to design and fabricate control panels for the Lake Sherwood Pump Station Rehabilitation (Project No. 591) for an amount not-to-exceed \$516,872

The Manager of Engineering said that, as discussed above, the District opened bids for construction of the Lake Sherwood Pump Station Rehabilitation. The project will require three control panels as follows:

- Pump Station Control Panel for operation of the pump station; this control panel will also incorporate the controls equipment for the Lake Sherwood Turnout, which provides control and collects flow data for water purchased by Ventura County Waterworks District No. 38, serving Lake Sherwood.
- Reservoir Control Panel for Lake Sherwood Reservoir in order to relay reservoir level information to the Supervisory Control and Data Acquisition (SCADA) system to facilitate operation of the pump station.
- Temporary Pump Station Control Panel, which will allow the District to maintain control and operation of Lake Sherwood Pump Station and the turnout while the contractor constructs the new pump station facilities, including the electrical and controls equipment during the period the existing equipment is being replaced.

Northern Digital, Inc.'s (NDI) scope of work for designing and fabricating these three control panels includes the following elements:

- Design and fabricate the Pump Station Control Panel, Reservoir Control Panel, and Temporary Pump Station Control Panel.
- Perform all necessary Programmable Logic Controller (PLC) programming.

- Develop the human-machine interface (HMI) screens necessary for the Control Room to operate the pump station.
- Deliver the control panels to the District's yard.
- Make the transition from the existing reservoir control panel to the new Reservoir Control Panel.
- Make the transitions from the existing control panel and turnout panel to the Temporary Pump Station Control Panel and then from the Temporary Pump Station Control Panel to the new Pump Station Control Panel after it has been installed.
- Test each component and the completed system.
- Integrate the new facilities into Calleguas' SCADA system.
- Develop record documentation and operations manual.

NDI has relevant experience and expertise and has performed similar services successfully on numerous Calleguas projects. NDI's work on other projects has been of good quality and the cost for professional services is reasonable for the work required.

On a motion by Director Quady, seconded by Director Blois, the Board of Directors voted 5-0 to approve the professional services.

AYES: Directors Blois, Waters, Quady, Santamaria, Slosson

NOES: None

J. WATER POLICY AND STRATEGY

1. Discussion regarding Metropolitan Water District's Integrated Water Resources Plan Update

The Associate General Manager provided an update on Metropolitan's scenario planning approach to updating its Integrated Water Resources Plan. The scenario planning approach involves iterative discussions and framing of issues between the Metropolitan Board of Directors, Metropolitan staff, the general public, subject area experts, and member agency managers and technical staff. The Associate General Manager reviewed various iterations of the scenario framework that will be used to define alternative futures to be analyzed as the process moves forward. No action was taken.

K. DISTRICT COUNSEL

District Counsel said that Phase I of the Las Posas Adjudication is scheduled for September 17, 2020. Phase 1 will be conducted through the submittal of documentation for review by the Judge, in lieu of live testimony.

L. BOARD OF DIRECTORS

1. Oral report 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. Under the Executive Orders N-25-20, N-29-20, and N-33-20 issued by the Governor of the State of California in response to COVID-19, all meetings will be attended and conducted via teleconference or videoconference.

3. Metropolitan update

Director Blois provided an update on Metropolitan Board and committee meetings. The Integrated Water Resources Plan continues to engage the Metropolitan Directors. The recruitment process for the next Metropolitan general manager is also moving ahead now that a recruitment firm has been selected. At the August Metropolitan Board meeting, Director Blois was appointed, along with six other new directors, to the Organization, Personnel & Technology Committee. That committee will provide recommendations on the recruitment to the Metropolitan Board. The Metropolitan Board will hold an election for Board Chair in October. The September Board Executive Committee typically is a forum for nominations for the October election for Board Chair.

N. OTHER BUSINESS

None

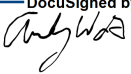
O. FUTURE AGENDA ITEMS

The General Manager said that there will be a presentation on the wellfield water levels and LAFCo nominations will be discussed at the September 16 Board Meeting.

P. ADJOURNMENT

Director Slosson declared the meeting adjourned at 6:17 p.m.

Respectfully submitted,

DocuSigned by:

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Andy Waters, Board Secretary