

CALLEGUAS MUNICIPAL WATER DISTRICT
SPECIAL BOARD OF DIRECTORS MEETING
October 10, 2018

MINUTES

The special meeting of the Board of Directors of Calleguas Municipal Water District was held at the District Office, 2100 Olsen Road, Thousand Oaks, California, on October 10, 2018.

The meeting was called to order by Thomas L. Slosson, President of the Board, at 9:00 a.m.

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

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

Staff Present: Susan Mulligan, General Manager
Eric Bergh, Manager of Resources
Tony Goff, Manager of Operations & Maintenance
Henry Graumlich, Manager of Strategic Planning
Kristine McCaffrey, Manager of Engineering
Dan Smith, Manager of Finance & Human Resources
Dan Drugan, Resources Program Administrator
Sue Taylor, Acting Clerk of the Board

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

B. MINUTES

None

C. ORAL COMMUNICATION

None

D. ENGINEERING AND CONSTRUCTION

1. Discussion regarding approval of professional services by Kennedy/Jenks Consultants to perform Phase 2.2 of the Water Supply Alternatives Study for an amount not to exceed \$2,491,673

The Manager of Engineering said that Calleguas has undertaken the Water Supply Alternatives Study (WSAS) to identify and evaluate potential water supplies to enable Calleguas to continue to cost effectively provide a reliable water supply to its service area, particularly during outages when imported water is not available. Calleguas does not currently have sufficient local supplies to meet demands during a 6 month outage of imported water, particularly in the higher demand summer months. After Lake Bard is depleted (less than 6 weeks when the Lake Bard Water Filtration Plant is operating at full capacity), Calleguas would be unable to meet water demands for health and safety. With existing and planned sources, the estimated shortfall in supply under outage conditions is 80 to 110 cubic feet per second, depending on the level of demand reduction achieved during the outage.

Previously, Calleguas worked with its purveyors and the public to develop a list of potential alternatives that could help address this supply shortfall; Phase 1 determined which of those alternatives were feasible. Alternatives deemed feasible were refined into projects through meetings with major purveyors and other nearby water agencies. Phase 2.1 "piloted" the project evaluation approach for a limited number of projects to verify its effectiveness. With Phase 2.1 largely complete, Phase 2.2 is ready to begin.

For each project, the work includes:

- Gathering information from Calleguas, purveyors, and other sources.
- Estimating the water supply made available.
- Identifying the facilities/improvements needed.
- Preparing conceptual level costs.
- Preparing a written summary of the analysis and results.
- Preparing a "Fact Sheet" summarizing key features, including:
 - Conceptual level description of infrastructure needed and its location
 - Water source(s)
 - Cost
 - Potential to be operational following a seismic event
 - Potential yield and duration of yield
 - 6-month high-demand period (May to October)
 - 6-month low-demand period (November to April)
 - Capacity Charge (CC) period (May to September) in cases where CC period operation could create a cost savings
 - Geography where supply would be available
 - Technical complexity
 - Institutional arrangements needed
 - Anticipated environmental compliance requirements
 - Timeframe to implement
 - Other ancillary benefits
 - Risks and vulnerabilities

Additionally, the work includes the following:

- Addressing demand reductions during outages by:
 - Determining how much reduction in demand could be achieved with extreme measures for conservation, cutbacks, or allocations in an outage.
 - Developing an implementation approach to achieve that reduction in demand.
 - Calculating how much demand remains to be met.
- Evaluating moving water from lower hydraulic grade lines (HGLs) to higher HGLs, both from Lower Zone to Upper Zone and around pressure regulating stations.
- Identifying projects that:
 - Are near-term
 - Are mutually exclusive (e.g., they rely on the same source water, meet the same demands)
 - Have the shortest timeframe to implement
 - Have the greatest potential yield
 - Are most cost effective
 - May benefit from being built together or share common conveyance facilities
- Compiling and summarizing the results into a comprehensive report.

The Manager of Engineering described each of the 99 projects to be studied. She said that Kennedy/Jenks Consultants successfully performed Phase 1 of the WSAS and has nearly completed Phase 2.1. Their work has demonstrated a strong understanding of local water supply issues and the cost is reasonable for the work involved.

The General Manager said that this is a comprehensive study with a commensurate cost but it will provide the Board with the information necessary to make decisions about investing in reliability projects for decades to come.

The Board asked questions and the Manager of Engineering answered them.

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

E. FUTURE AGENDA ITEMS

None

F. ADJOURNMENT

Director Slosson declared the meeting adjourned at 10:08 a.m.

Respectfully submitted,



Andy Waters, Board Secretary