

MINUTES OF BOARD OF DIRECTORS MEETING
WATER ISSUES COMMITTEE
ORANGE COUNTY WATER DISTRICT
October 10, 2018 @ 8:00 a.m.

Director Green called the Water Issues Committee meeting to order at 8:00 a.m. in the District Boardroom. The Assistant District Secretary called the roll and reported a quorum of the insert

Committee Members

Cathy Green
Bruce Whitaker
James Vanderbilt (absent)
Vicente Sarmiento (absent)
Tri Ta

OCWD

Mike Markus – General Manager
Mike Wehner – Assistant General Manager
Jeremy Jungreis – General Counsel
Christina Fuller–Assistant District Secretary

Alternates

Shawn Dewane
Steve Sheldon
Dina Nguyen (absent)
Roger Yoh (absent)
Denis Bilodeau

CONSENT CALENDAR

The Consent Calendar was approved upon motion by Director Dewane, seconded by Director Ta, and carried [4-0].

Ayes – Green, Whitaker, Ta, Dewane

1. Minutes of Water Issues Committee Meeting Held September 12, 2018

The Minutes of the Water Issues Committee meeting held September 12, 2018 were approved as presented.

2. Agreement with Intera For Capture Zone Modeling and Analysis of North Basin Extraction Well Ew-1

Recommended for approval at October 17 Board meeting: Authorize issuance of Agreement to Intera for Three-Dimensional Capture Zone Analysis for OCWD North Basin Extraction Well EW-1 for an amount not to exceed \$76,932.

3. Agreement to Ramboll to Conduct Geophysical Investigation in Lower Off-River Channel

Recommended for approval at October 17 Board meeting: Authorize issuance of agreement to Ramboll for a geophysical investigation of the Lower Off-River Channel for an amount not to exceed \$23,000.

4. Sponsoring UCI Sustainable Groundwater Workshop

Recommended for approval at October 17 Board meeting: Authorize partnering with Water UCI in hosting workshop on Sustainable Groundwater and contribute up to \$15,000 to UCI to host the workshop.

5. Contract GBM-2018-1 Destruction of Monitoring Well WBS-3R and Construction of Replacement Monitoring Well OCWD-HG2: Notice of Completion

Recommended for approval at October 17 Board meeting: 1) Ratify issuance of Change Order No. 1 to BEKS Acquisition DBA BC2 Environmental to decrease the Contract amount by \$871; and 2) Accept completion of work and authorize filing a Notice of Completion for Contract GBM-2018-1, Destruction of Monitoring Well WBS-3R and Construction of Replacement Monitoring Well OCWD-HG2.

6. Alamitos Barrier Improvement Project: Notice of Completion for Contract No. AB-2016-1 Alamitos Barrier Improvement Project Injection Well Improvements

Recommended for approval at October 17 Board meeting: 1) Ratify Change Order Number 7 to Kiewit Infrastructure West Company for a total deduction in the amount of (\$14,378.70); and 2) Accept the completion of work and authorize filing a Notice of Completion for Contract AB 2016-1 Alamitos Barrier Improvement Project Injection Well Improvements.

7. Annual Santa Ana River Stream Gauging Joint Funding Agreement with the United States Geological Survey

Recommended for approval at October 17 Board meeting: 1) Approve and authorize Joint Funding Agreement with USGS to conduct stream gauging of the Santa Ana River below Prado Dam and Santiago Creek at Santa Ana for the period of November 1, 2018 to October 31, 2019; and 2) Authorize payment of \$55,832 to the USGS for OCWD's share of costs for these services.

8. Agreement to Tetra Tech for Santiago Pump Station Modifications Project Design and Construction Support Services

Recommended for approval at October 17 Board meeting: Authorize issuance of Agreement to Tetra Tech for an amount not to exceed \$178,000 for the Santiago Pump Station Modifications Project Design and Construction Support Services.

9. Termination of Agreement to Keh & Associates for Design Services for the Anaheim Lake Valve Vault Project

Recommended for approval at October 17 Board meeting: Authorize termination of Agreement No. 1324 with KEH & Associates, Inc. and execute a new agreement with the same terms and conditions with Gannett Fleming for design services for the Anaheim Lake Valve Vault Project.

MATTERS FOR CONSIDERATION

10. Phase II Scoping Study on Forecast-Informed Reservoir Operations (FIRO) at Prado Dam

Recharge Planning Manager Adam Hutchinson reported that Phase I of a Scoping Study on forecast-informed reservoir operations (FIRO) at Prado Dam has been completed. He recalled that to increase the amount of stormwater that can be temporarily impounded in the Conservation Pool, OCWD has been working with the US Army Corps of Engineers (USAC) on a Feasibility Study to permanently allow for the temporary impoundment of stormwater up to elevation 505 ft msl year-round. He stated that until the Feasibility Study is complete, OCWD is working to allow for storage up to 505 ft msl during the storm season on a temporary basis (5-yrs). Mr. Hutchinson advised that Phase II of the Scoping Study involves conducting the technical studies to complete a full FIRO Viability Assessment Workplan for Prado Dam. He reviewed the Phase II Scoping Study tasks,

activities and benefits to OCWD, stating that the primary benefit to OCWD is the potential development of a customized FIRO tool that will be used by the USACE to manage the water conservation pool at Prado Dam. He stated that even slight improvements in stormwater capture efficiency at Prado will more than offset the costs needed to develop a FIRO tool and yield long-term benefits to the groundwater basin.

Upon motion by Director Dewane, seconded by Director Ta and carried [4-0], the Committee recommended that the Board at its October 17 meeting: Authorize amending agreement with UC San Diego/Scripps Institution of Oceanography by adding an amount not to exceed \$325,000 for Phase II of Scoping Study on Forecast-Informed Reservoir Operations at Prado Dam.

Ayes – Green, Whitaker, Ta, Dewane

11. Approval of Common Interest and Joint Defense Agreement for Upper Santa Ana Watershed Habitat Conservation Plan

Executive Director Greg Woodside recalled that Santa Ana Watershed agencies are collaborating to develop an Upper Santa Ana River Habitat Conservation Plan (HCP), which will provide the basis for agencies to secure regulatory permits for their projects that affect flow in the river and its tributaries. He stated that an agreement has been proposed that provides for the agencies to share privileged and confidential documents and also provide for a common defense if the HCP is legally challenged. Mr. Woodside advised that OCWD's active participation enables consideration of the Districts interests in Prado basin and protects the District's investments in habitat programs and Prado wetlands operations. He reported that in the event that the District determined in the future the development of the HCP was adverse to the District's interest and decided to legally challenge the HCP, the District can withdraw from the agreement and proceed with legal action after withdrawal.

Upon motion by Director Dewane, seconded by Director Ta and carried [5-0], the Committee recommended that the Board at its October 17 meeting: Approve and authorize execution of Common Interest and Joint Defense Agreement for the Upper Santa Ana River Habitat Conservation Plan, subject to review as to form by General Counsel.

Ayes – Green, Whitaker, Ta, Dewane, Bilodeau

INFORMATIONAL ITEMS

12. Irvine Ranch Water District – Strand Ranch Storage Program

Irvine Ranch Water District (IRWD) representative Paul Weghorst presented an overview of IRWD's Strand and Stockdale Integrated Water Banking Projects (Water Banks) as well as a proposed pilot program with the Municipal Water District of Orange County (MWDOC) that would allow IRWD to share water storage supplies. He also provided an overview of the Kern Fan Groundwater Storage Project for which IRWD and Rosedale-Rio Bravo Water Storage (Rosedale) were recently awarded \$67.5 million in Water Storage Investment Program funding from the California Water Commission.

Mesa Water District General Manager Paul Shoenberger stated that the Mesa Board has not yet taken a position on the proposed MWDOC pilot project and is focused on three elements of the project: the need of the project, the price of the water and how it compares to the South County emergency project.

IRWD Director Peer Swan stated its important to consider alternatives to various proposed projects.

Municipal Water District of Orange County (MWDOC) Assistant General Manager Karl Seckel stated that regarding the proposed pilot program, MWDOC is still in ongoing discussions on many of the comments/questions raised at today's meeting, including the need, price, and terms of the program as well as the other concerns addressed today. He stated that MWDOC will share additional information and findings with member agencies in the future. He noted that in regards to the question of how many times MET has been in a shortage situation, that there have been two times that the county has been on the verge of facing severe shortages and allocation.

Director Dewane requested Mr. Seckel's comments be included in the record in their entirety. For full meeting audio, please visit the Orange County Water District's website @ www.ocwd.com.

13. OCWD to Receive Stephen J. Klaine Environmental Award


General Manager Mike Markus reported that the District's Environmental Education Program has been selected to receive the 2018 Stephen J. Klaine Environmental Education Award which recognizes an individual, group or organization for significant contributions to environmental education. He advised the award will be acknowledged at the Society of Environmental Toxicology and Chemistry (SETAC) North America 38th Annual Meeting in Sacramento.

CHAIR DIRECTION AS TO ITEMS IF ANY TO BE AGENDIZED AS MATTERS FOR CONSIDERATION AT THE OCTOBER 17 BOARD MEETING

It was agreed to place items No. 2-11 on the Consent Calendar at the October 17 Board meeting.

ADJOURNMENT

There being no further business, the meeting was adjourned at 9:55 a.m.


Cathy Green, Chair