

MINUTES OF BOARD OF DIRECTORS MEETING  
WATER ISSUES COMMITTEE  
ORANGE COUNTY WATER DISTRICT  
September 11, 2019 @ 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 Committee as follows.

Committee Members

Cathy Green  
Dina Nguyen  
Ahmad Zahra  
Jordan Brandman (absent)  
Tri Ta

OCWD

Mike Markus – General Manager  
John Kennedy – Executive Director  
Christina Fuller – Assistant District Secretary  
Jeremy Jungreis – General Counsel

Alternates

Steve Sheldon (absent)  
Roger Yoh (absent)  
Kelly Rowe  
Denis Bilodeau (absent)  
Vicente Sarmiento

**CONSENT CALENDAR**

The Consent Calendar was approved upon motion by Director Rowe, seconded by Director Ta, and carried [3-0].

**Yes – Green, Ta, Rowe**

1. Minutes of Water Issues Committee Meeting held August 14, 2019

**The Minutes of the Water Issues Committee meeting held August 14, 2019 were approved as presented.**

2. Amendment to Agreement with W.A. Rasic Construction Company Inc. For Vault Replacements at Monitoring Wells AMD-6 and SAM-6

**Recommended for approval at September 18 Board meeting: Authorize issuance of Amendment No. 1 to Agreement No. 1349 with W.A. Rasic Construction Company Inc., increasing the contract amount by \$4,790 to replace the vaults for OCWD monitoring wells AMD-6 and SAM-6.**

3. Renewal of Annual Software Support for GWRS Process Control System

**Recommended for approval at September 18 Board meeting: Authorize issuance of five-year Agreement with Emerson's limited business partner, Caltrol, in the amount of \$294,875.**

4. Authorize Funding and Purchase Order to Install Gate for Santiago Creek Recharge Enhancement Project

**Recommended for approval at September 18 Board meeting: Authorize issuance of Purchase Order to Crown Fence in the amount of \$6,912 to install a new 20-foot-wide gate to provide access to Santiago Creek for District equipment through MWD's property on Tustin Avenue, Orange.**

5. Purchase Order to Thermo Electron North America LLC for an Ion Chromatograph (IC) for the Philip L. Anthony Laboratory

**Recommended for approval at September 18 Board meeting: Authorize issuance of Purchase Order to Thermo Electron North America LLC in the total amount of \$84,244 for the purchase of an ICS-6000 IC system.**

6. Additional Studies and Regulatory Oversight – Prado Shooting Range Restoration

**Recommended for approval at September 18 Board meeting: Authorize \$67,068 additional funding for finalization of the risk assessment and waste consolidation plan at the Prado Shooting Range to be paid as follows: Department of Toxic Substance Control \$42,268 and AECOM \$24,800.**

7. Award Contract GBM-2019-1 Construction of Replacement Monitoring Well OCWD-M43R at Orange Coast College to Best Drilling and Pump, Inc.

**Recommended for approval at September 18 Board meeting: 1) Receive and file Affidavit of Publication of Notice Inviting Bids for Contract No. GBM-2019-1; and 2) Accept bid and award Contract GBM-2019-1 to Best Drilling and Pump, Inc. for an amount not to exceed \$573,601.**

#### **MATTER FOR CONSIDERATION**

8. Award of Construction Contract No. FV-2019-2: to iBuild Spectrum Inc. for the Annex Building Locker Room Refurbishment Project

This item was removed from today's agenda at the request of General Manager Mike Markus.

Directors Nguyen, Zahra and Sarmiento arrived during discussion of the following item.

#### **INFORMATIONAL ITEMS**

9. Geophysical Investigations of Off-River and Lower Santa Ana River Channels

Recharge Planning Manager Adam Hutchinson stated that staff is investigating the subsurface conditions in the District's Off-River and Santa Ana River Channels to assess the potential for increasing recharge capacities. He reported that a recent Electromagnetic Induction (EM) survey in the Lower Off-River Channel shows that while there are no large shallow sedimentary layers that might restrict recharge, there is the potential that recharge rates could be increased by deep ripping of sediments. He stated that staff is considering extending the EM survey to downstream facilities, including the Five Coves Basins, Lincoln Basin and adjacent Santa Ana River Channel where there is a known fine-grained layer that could be negatively affecting recharge rates. Mr. Hutchinson stated that an EM survey of these facilities could define the lateral and vertical extent of this fine-grained layer to assess potential removal options. He advised that staff is proceeding with the Board-approved resistivity survey to examine the upper 300 feet of sediments in the Lower Santa Ana River Channel. He reported that this survey is designed to identify the extent of an aquitard between the shallow and Principal aquifers as well as the location of the Peralta Hills Fault. He advised that this information will be crucial in evaluating the potential for subsurface recharge of GWRS water in the area using injection wells or a horizontal collector well.

10. Basin Storage Update for Water Year 2018-19

Principal Engineer Tim Sovich reported that staff evaluated water level conditions throughout the basin and constructed groundwater elevation contour maps representing the end of the water year. He reported that using the "full basin" benchmark for all three aquifer layers in the basin, an accumulated overdraft of 236,000 acre-feet (AF) was calculated as of June 30, 2019. He stated the basin experienced an annual storage increase of 41,000 AF for water year 2018-19.

11. Status of FY2019-20 Water Purchase Budget


Executive Director John Kennedy reported the District budgeted \$48.3 million to purchase 65,000 acre-feet of untreated imported water to recharge the groundwater basin in FY2019-20. He stated staff had previously suspended purchasing any imported water to offset the potential loss of Replenishment Assessment revenues due to a possible decline in groundwater pumping due to the PFAS issue. He advised that the anticipated reduction in groundwater pumping and corresponding loss in Replenishment Assessment revenues will not be as great as previously thought. He reported staff has initiated a plan to purchase approximately 33,000 acre-feet of imported water this year.

**CHAIR DIRECTION AS TO ITEMS IF ANY TO BE AGENDIZED AS MATTERS FOR CONSIDERATION AT THE SEPTEMBER 18 BOARD MEETING**

It was agreed to place item Nos. 2-7 on the consent calendar at the September 18 Board meeting.

**ADJOURNMENT**

There being no further business, the meeting was adjourned at 8:40 a.m.

  
Cathy Green, Chair