

## MINUTES OF ADJOURNED REGULAR MEETING – JULY 31, 2018

The adjourned regular meeting of the Board of Directors of the Irvine Ranch Water District (IRWD) was called to order at 11:00 a.m. by President Reinhart on July 31, 2018 in the Multi-Purpose Room, 15600 Sand Canyon Avenue, Irvine, California.

Directors Present: Matheis, Withers (arrived at 11:15 a.m.), Reinhart, LaMar and Swan.

Directors Absent: None.

Also Present: General Manager Cook, Executive Director of Finance Clary, Executive Director of Water Policy Weghorst, Executive Director of Engineering and Water Quality Burton, Director of Treasury and Risk Management Jacobson, Director of Water Resources Sanchez, Director of Public Affairs Beeman, Director of Administrative Services Mossbarger, Director of Human Resources Roney, Director of Maintenance Drake, Director of Recycling Operations Zepeda, Secretary Bonkowski, Legal Counsel Casey, Principle Engineer Akiyoshi, Water Operations Manager Pfister, Engineer Robinson, Mr. Carl Cassidy, and Ms. Megan Yoo Schneider.

Written and Oral Communications: None.

Items too later to be agendized: None.

### REVIEW OF IRWD 2018 GOALS AND TARGET ACTIVITIES

General Manager Cook reported that the foundational documents, the IRWD Mission, Vision and Values Statement and the IRWD Strategic Objectives, are provided in the agenda package and asked if the Board wished to discuss or make recommendations for refining these documents. Following a comment from Director Swan relative to changing conditions on the current goals and activities, he asked for a status update relative to purchasing land in Kern County be added to the August Supply Reliability Programs Committee meeting.

### GROUNDWATER WORKPLAN UPDATE

Using a PowerPoint presentation, Principle Engineer Akiyoshi provided an update on the groundwater workplan. Mr. Akiyoshi reported on the changed conditions since 2014 including well site acquisition in future Tustin Legacy Park, expansion of an existing well site on Redhill, maintaining existing Well No. 52, and implementation of an annual well rehabilitation program. He also reported on state-mandated 16% demand reduction for the District; demands in response to drought and wet years; pace of development, and OCWD policies and programs. Director Withers arrived at 11:15 a.m.

Using graphs, Mr. Akiyoshi reported on historical water use and groundwater production. He also reviewed future water demand projections and calculating groundwater production requirements.

## RECESS AND CLOSED SESSION

At 11:55 a.m., President Reinhart recessed the Board meeting to hold a Closed Session with legal counsel Casey relative to existing litigation – Government Code Section 54956.9(d)(1) IRWD v. OCWD Case No. 30-2016-00858584-CU-WM-CJC.

## RECONVENE AND OPEN SESSION

Following the Closed Session, the meeting was reconvened at 1:04 p.m. with five Directors present. President Reinhart said no action was reported in Closed Session.

## WATER USE EFFICIENCY AND POTENTIAL IMPACTS ON IRWD OPERATIONS

Using a PowerPoint presentation, General Manager Cook reported that during the 2013-2017 statewide drought, many utilities in California implemented successful conservation programs and subsequently experienced operational impacts due to declining sewer flows. Mr. Cook said that in 2018, legislation was passed designed to make water use efficiency a “way of life” in California with long-term reductions in water use, and that potential impacts on utility operations has become a topic of discussion throughout the state.

Director of Water Resources Sanchez reported that with the statewide drought conditions, outdoor use and incentives for turf replacement with drought tolerant plants have been implemented. Using a graph, Ms. Sanchez provided trends on the residential gallons per capita per day from 1988 through 2017 throughout the District’s service area. She reviewed measures the District has taken to reduce indoor and outdoor demands since 1990. With charts and graphs, she further reviewed the percentages of water used by residential customers comparing indoor use versus outdoor use.

Using graphs, Executive Director of Engineering and Water Quality Burton reported on actual and projected trends of the Michelson Water Recycling Plant influent flows from 2010 to 2018.

Director of Recycling Operations Zepeda reported on the operations and potential impacts including: 1) distribution system status; 2) collection system’s sewer gravity mains; 3) inspection and maintenance program for sewers with performance indicators; and 4) treatment plant influent water quality trends.

General Manager Cook reviewed various studies completed from 2014 through current along with ongoing studies including a potable reuse potential reuse conceptual study, a water efficiency study, and a sewage treatment master plan. Mr. Cook further reported that there have been no significant negative impacts on operations due to conservation during the drought; indoor use is demand hardened; water efficiency programs focus on outdoor use; and proactive operation and maintenance programs are in place to avoid and minimize any potential impacts.

## ADJOURNMENT

There being no further discussion, President Reinhart adjourned the meeting at 2:07 p.m.

APPROVED and SIGNED this 13th day of August, 2018.

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President, IRVINE RANCH WATER DISTRICT

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Secretary IRVINE RANCH WATER DISTRICT

APPROVED AS TO FORM:  
LEWIS BRISBOIS BISGAARD & SMITH, LLP

By: \_\_\_\_\_  
District Counsel