

REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
March 21, 2018, 8:30 a.m.

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS/PARTICIPATION

At this time, members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken. If the item is on the Consent Calendar, please inform the Board Secretary before action is taken on the Consent Calendar and the item will be removed for separate consideration.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize items(s) which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present, or, if less than two-thirds of the Board members are present, a unanimous vote of those members present.)

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

NEXT RESOLUTION NO. 2066

CONSENT CALENDAR (Items 1 to 9)

(All matters under the Consent Calendar will be approved by one motion unless a Board member requests separate action on a specific item)

1. MINUTES

- a. February 7, 2018 Workshop Board Meeting
- b. February 21, 2018 Regular Board Meeting
- c. February 10, 2018 Special Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: February 5, 2018
- b. Administration & Finance Committee Meeting: February 14, 2018
- c. Public Affairs & Legislation Committee Meeting: February 20, 2018

- d. Executive Committee Meeting: February 22, 2018

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of February 28, 2018
- b. MWDOC Disbursement Registers (February/March)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of January 31, 2018
- d. PARS Monthly Statement (OPEB Trust)
- e. Water Use Efficiency Projects Cash Flow

Recommendation: Receive and file as presented.

4. FINANCIAL REPORT

- a. Combined Financial Statements and Budget Comparative for the period ending January 31, 2018

Recommendation: Receive and file as presented.

5. ORANGE COUNTY QUALIFIED WATER EFFICIENT LANDSCAPER TRAINING PROGRAM

Recommendation: (1) Authorize a one-time payment of \$10,000 to become a Professional Certifying Organization through the Sonoma-Marín Saving Water Partnership, and (2) authorize the General Manager to enter into a professional services agreement with Blue Watchdog Conservation, Inc. in an amount not to exceed \$40,000 for program coordination and classroom instruction.

6. SOUTHERN CALIFORNIA WATER COALITION WATERFIX OUTREACH – PHASE 2

Recommendation: Authorize a bridge funding contribution to the Southern California Water Coalition WaterFix Outreach-Phase 2 of \$10,000 to help cover costs over the next several months during fiscal year 2017-18, and include an additional \$30,000 in funding towards future WaterFix outreach in the 2018-19 budget.

7. GRANT TRACKING AND ACQUISITION SERVICES

Recommendation: Authorize the General Manager to enter into a 3-year professional services contract with Soto Resources to provide grant tracking, writing (upon request) and acquisition. The award would be not to exceed \$20,000 in fiscal year 2017-2018, and not to exceed \$36,000 in fiscal year 2018-2019, and not to exceed \$36,000 in fiscal year 2019-2020; total authorization of this contract is \$92,000 over three years.

8. ATTENDANCE AT THE NATIONAL WATER RESOURCES ASSOCIATION (NWRA) FEDERAL WATER ISSUES CONFERENCE, APRIL 9-11, 2018, WASHINGTON, DC

Recommendation: Authorize attendance at the NWRA Federal Water Issues Conference to be held April 9-11, 2018 in Washington, DC.

9. ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) – “NO DRINKING WATER TAX” EDUCATION AND OUTREACH CAMPAIGN

Recommendation: Authorize contribution of \$5,000 to ACWA’s statewide outreach campaign.

– End Consent Calendar –

ACTION ITEMS**10-1 APPOINTMENT TO THE SANTIAGO AQUEDUCT COMMISSION**

Recommendation: Adopt Resolution approving the appointment of Jeffery M. Thomas as Representative, and Karl Seckel as Alternate to the Santiago Aqueduct Commission (SAC), for submission to SAC.

10-2 AB 2283 (HOLDEN) – INCOME TAXES: TURF REMOVAL WATER CONSERVATION PROGRAM

Recommendation: Adopt a support position on AB 2283 (Holden).

10-3 ELECTION OF OC LAFCO SPECIAL DISTRICT MEMBER AND ALTERNATE

Recommendation: Receive recommendation from the Public Affairs & Legislation Committee regarding a potential nomination and/or endorsement of candidate, authorize President Barbre and an alternate to vote in the appointment process, and direct staff to submit the appropriate forms to OC LAFCO by the deadlines outlined.

10-4 AUTHORIZE ATTENDANCE AT THE P3 WATER SUMMIT, SAN DIEGO, APRIL 3-4, 2018

Recommendation: Authorize attendance at the P3Water Summit to be held April 3-4, 2018 in San Diego.

INFORMATION CALENDAR (All matters under the Information Calendar will be Received/Filed as presented following any discussion that may occur)

11. GENERAL MANAGER'S REPORT, MARCH 2018 (ORAL AND WRITTEN)

Recommendation: Receive and file report(s) as presented.

12. MWDOC GENERAL INFORMATION ITEMS

- a. Board of Directors - Reports re: Conferences and Meetings
- b. Requests for Future Agenda Topics

Recommendation: Receive and file as presented.

ADJOURNMENT

Note: Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by contacting Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

**MINUTES OF THE WORKSHOP BOARD MEETING
OF THE BOARD OF DIRECTORS OF
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY (MWDOC)
WITH THE MWDOC MET DIRECTORS**

February 7, 2018

At 8:30 a.m. Vice President Finnegan called to order the Workshop Board Meeting of the Board of Directors of Municipal Water District of Orange County (MWDOC) at the District facilities located in Fountain Valley. MET Director Linda Ackerman led the Pledge of Allegiance and Secretary Goldsby called the roll.

MWDOC DIRECTORS

Brett R. Barbre* (arr. at 9:30 am)
Larry Dick*
Joan Finnegan
Wayne Osborne
Megan Yoo Schneider
Sat Tamaribuchi
Jeffery M. Thomas

MWDOC STAFF

Robert Hunter, General Manager
Karl Seckel, Assistant General Manager (absent)
Joe Byrne, Legal Counsel
Maribeth Goldsby, Board Secretary
Harvey De La Torre, Associate General Mgr.
Melissa Baum-Haley, Sr. Water Resource Analyst
Kevin Hostert, Water Resources Analyst
Damon Micalizzi, Dir. Of Public Affairs
Chris Lingad, Water Resources Analyst
Heather Baez, Government Affairs Manager

*Also MWDOC MET Directors

OTHER MWDOC MET DIRECTORS

Larry McKenney
Linda Ackerman

OTHERS PRESENT

Mark Monin
Jose Vergara
Fred Adjarian
Doug Reinhart
Peer Swan
Paul Weghorst
Don Froelich
Jake Vollebregt
Drew Atwater
Adam Hutchinson
John Kennedy
Jim Leach
Dennis Erdman
Tammy Hierling
Kevin Hunt
Ed Means
Debbie Cook
Liz Mendelson-Goossens

El Toro Water District
El Toro Water District
El Toro Water District
Irvine Ranch Water District
Irvine Ranch Water District
Irvine Ranch Water District
Moulton Niguel Water District
Moulton Niguel Water District
Moulton Niguel Water District
Orange County Water District
Orange County Water District
Santa Margarita Water District
South Coast Water District
Central Basin Municipal Water District
Central Basin Municipal Water District
Means Consulting

San Diego County Water Authority

ITEMS RECEIVED TOO LATE TO BE AGENDIZED - Determine need and take action to agendize item(s), which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present or, if less than two-thirds of the Board members are present, a unanimous vote.)

No items were presented.

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

President Barbre inquired as to whether there were any items distributed to the Board less than 72 hours prior to the meeting.

No items were distributed.

PUBLIC PARTICIPATION/PUBLIC COMMENTS

President Barbre inquired whether any members of the public wished to comment on agenda items.

No comments were received.

PRESENTATION/DISCUSSION/INFORMATION ITEMS

CENTRAL BASIN MUNICIPAL WATER DISTRICT LEGISLATIVE PROPOSAL ON METROPOLITAN BOARD GOVERNANCE

Mr. Kevin Hunt, General Manager of Central Basin Municipal Water District (CBMWD) presented information on CBMWD's proposed alternative and optional methodology for appointing directors to Metropolitan's Board of Directors, noting that such a change would require legislative changes to the Metropolitan Act. His presentation included an overview of CBMWD's service area, MET's current policy and process for retaining the number of Directors, problem or socio-economic impacts of such policy, CBMWD's MET assessed valuation history, and the proposed solution to CBMWD's issues with the current policy. The proposed solution would provide an alternative per-population based method for determining number of Directors allocated, which would not affect existing voting structure and would include a complimentary "either" – "or" option that would provide zero change for other member agencies. Mr. Hunt advised that CBMWD would like the Board's support in this efforts. The Board thanked Mr. Hunt for the presentation and received and filed the information.

ACTION ITEMS

STATE WATER RESOURCES CONTROL BOARD'S PROPOSED RULEMAKING ON WASTEFUL WATER USES

Sr. Water Resources Analyst, Melissa Baum-Haley, advised that on January 31, 2018, the State Water Resources Control Board (State Board) released another Notice of Proposed Regulatory Action for a Rulemaking to permanently prohibit certain wasteful water uses that were prohibited under the previous drought emergency regulation that expired on November

25, 2017. This notice includes changed text of the proposed regulation to permanently prohibit certain wasteful water uses from the comment period that closed December 26, 2017.

Ms. Baum-Haley further advised that at the February 5, 2018 Planning and Operations Committee meeting, MWDOC staff presented a draft comment letter and as a result of the feedback from the Committee, MWDOC staff is seeking Board approval of the revised comment letter.

Upon MOTION by Director Dick, seconded by Director Yoo Schneider, and carried (6-0), the Board approved sending the comment letter as revised by the Planning & Operations Committee to the State Water Resources Control Board. Directors Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi & Thomas voted in favor; Director Barbre was absent.

PRESENTATION/DISCUSSION/INFORMATION ITEMS

INPUT OR QUESTIONS ON MET ISSUES FROM THE MEMBER AGENCIES/MET DIRECTOR REPORTS REGARDING MET COMMITTEE PARTICIPATION

Director McKenney highlighted his activities with the MET Water Planning & Stewardship, and Conservation and Local Resources Committees. He also noted that the California WaterFix continues to be a main topic of discussion, and that the MET Board received an update from the consultant hired to review the Ethics office, noting the official report had not yet been released.

Director Ackerman concurred with Mr. McKenney's report.

Director Dick highlighted MET's California WaterFix activities.

Discussion ensued regarding the Local Resources Program, the WaterFix, MET water supply storage options/conditions, and the importance of filling the groundwater basins.

UPDATE ON THE CALIFORNIA WATER COMMISSION ACTIVITIES

Legal Counsel Joe Byrne provided an overview of the California Water Commission's activities, highlighting its review of the Water Bond, noting that \$2.7 billion dollars to be used for public benefit (ecosystem, flood control, water quality, recreation, etc.), and that 50% of the funds need to be allocated to ecosystem benefits. The Board received and filed the report.

METROPOLITAN'S 2017 YEAR-IN-REVIEW VIDEO

The Board and audience viewed MET's 2017 Year-In-Review video.

(President Barbre arrived at 9:35 a.m.)

METROPOLITAN'S PROPOSED BIENNIAL BUDGET SCHEDULE FOR FISCAL YEARS 2018/19 AND 2019/20

Associate General Manager, Harvey De La Torre, advised that MET has begun their two-year budget process, which covers fiscal years 2018/19 and 2019/20, and is set to adopt both budgets (as well as the corresponding rates and charges) in late spring. It was noted that staff

has invited Mr. Gary Breaux (MET Chief Financial Officer) to attend the March 7, 2018 Workshop Board meeting to present the draft biennial budget.

Following discussion regarding the Cyclic Storage Program, the Board received and filed the report.

WATER SUPPLY CONDITIONS UPDATE

It was stated that the Water Supply Report was included in the packet; the Board received and filed the report.

MWD ITEMS CRITICAL TO ORANGE COUNTY

- a. MET's Water Supply Conditions
- b. MET's Finance and Rate Issues
- c. Colorado River Issues
- d. Bay Delta/State Water Project Issues
- e. MET's Ocean Desalination Policy and Potential Participation by MET in the Doheny Desalination Project
- f. Orange County Reliability Projects
- g. East Orange County Feeder No. 2
- h. South County Projects

The Board received and filed the information as presented.

METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summary regarding January MET Board Meetings
- b. Review Items of significance for the Upcoming MET Board and Committee Agendas

The Board received and filed the report as presented.

ADJOURNMENT

There being no further business to come before the Board, the meeting adjourned at 9:54 a.m.

Maribeth Goldsby
Board Secretary

**MINUTES OF THE REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
February 21, 2018**

At 8:30 a.m., President Barbre called to order the Regular Meeting of the Municipal Water District of Orange County in the Board Room at the District facilities located in Fountain Valley. Director Wayne Osborne led the Pledge of Allegiance and Secretary Goldsby called the roll.

MWDOC DIRECTORS

Brett R. Barbre
Larry Dick
Joan Finnegan
Wayne Osborne
Sat Tamaribuchi
Jeffery M. Thomas
Megan Yoo Schneider
(via teleconference)

STAFF

Robert Hunter, General Manager
Karl Seckel, Assistant General Manager
Alisha Winterswyk, Legal Counsel
Maribeth Goldsby, Board Secretary
Harvey De La Torre, Associate General Manager
Melissa Baum-Haley, Sr. Water Resources Analyst
Damon Micalizzi, Director of Public Affairs
Joe Berg, Director of Water Use Efficiency
Heather Baez, Governmental Affairs Manager

ALSO PRESENT

Jose Vergara
Doug Reinhart
Brian Ragland
Michael Perea
Al Nederhood

El Toro Water District
Irvine Ranch Water District
City of Huntington Beach
Trabuco Canyon Water District
Yorba Linda Water District

TELECONFERENCE SITE

Director Yoo Schneider attended the meeting via telephone from San Antonio, Texas. All agenda requirements pursuant to the Ralph M. Brown Act were complied with.

PUBLIC PARTICIPATION/PUBLIC COMMENT

President Barbre announced members of the public wishing to comment on agenda items could do so after the item has been discussed by the Board and requested members of the public identify themselves when called on. Mr. Barbre asked whether there were any comments on other items which would be heard at this time.

No comments were received.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

No items were received.

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

President Barbre inquired as to whether there were any items distributed to the Board less than 72 hours prior to the meeting.

No items were distributed.

EMPLOYEE SERVICE AWARDS

President Barbre provided a service award to Harvey De La Torre for ten-years of service to the District.

CONSENT CALENDAR

President Barbre stated all matters under the Consent Calendar would be approved by one MOTION unless a Director wished to consider an item separately. Mr. Barbre confirmed that because Director Yoo Schneider was teleconferencing into the meeting, all voting would be done via roll call.

President Barbre pulled Item No. 6 from the Consent Calendar (Grant Tracking and Acquisition Services) and recommended this item be referred back to the Administration & Finance Committee for further discussion.

Upon MOTION by Director Thomas, seconded by Director Finnegan, and carried (7-0), the Board referred Item No. 6 (Grant Tracking and Acquisition Services) back to the Administration and Finance Committee for further discussion, and approved the balance of Consent Calendar items as follows. Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Thomas, and Tamaribuchi all voted in favor.

MINUTES

The following minutes were approved.

January 3, 2018 Workshop Board Meeting
January 17, 2018 Regular Board Meeting

COMMITTEE MEETING REPORTS

The following Committee Meeting reports were received and filed as presented.

Planning & Operations Committee Meeting: January 2, 2018
Administration & Finance Committee Meeting: January 10, 2018
Public Affairs & Legislation Committee Meeting: January 15, 2018
Executive Committee Meeting: January 18, 2018
MWDOC/OCWD Joint Planning Committee Meeting: January 24, 2018

TREASURER'S REPORTS

The following items were ratified and approved as presented.

MWDOC Revenue/Cash Receipt Register as of January 31, 2018
MWDOC Disbursement Registers (January/February)

The following items were received and filed as presented.

MWDOC Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of December 31, 2017

PARS Monthly Statement (OPEB Trust)

Water Use Efficiency Projects Cash Flow

FINANCIAL REPORT

The following items were received and filed as presented.

Combined Financial Statements and Budget Comparative for the period ending December 31, 2017

Quarterly Budget Report

2017-18 CONSUMER CONFIDENCE REPORTS

The Board approved entering into a contract with Stetson Engineers for preparation of the Consumer Confidence Reports (CCR) for 2017-18.

TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF A WATER LOSS CONTROL SHARED SERVICES BUSINESS PLAN

The Board authorized the General Manager to enter into a Professional Services Agreement with Water Systems Optimization, Inc. to develop a Water Loss Control Shared Services Business Plan.

ORANGE COUNTY RELIABILITY STUDY UPDATE BUDGET AUGMENTATION TO CDM SMITH

The Board approved a budget augmentation to CDM Smith in the amount of \$36,372 to complete the Water Reliability Study 2018 Update. The Board also included an additional contingency amount in the amount of \$8,000 for additional time, if required, for workshops, additional model runs, or meetings with agencies or groups of agencies beyond what was estimated.

TRAVEL TO WASHINGTON, DC TO COVER FEDERAL ADVOCACY INITIATIVES

The Board received and filed the report.

TRAVEL TO SACRAMENTO TO COVER STATE INITIATIVES

The Board received and filed the report.

END CONSENT CALENDAR

ACTION CALENDAR**PARS POST-EMPLOYMENT BENEFITS TRUST PROGRAM**

Upon MOTION by Director Thomas, seconded by Director Osborne, and carried (7-0), the Board adopted RESOLUTION NO. 2063 authorizing participation in the PARS Post-Employment Benefits Trust Program to be administered by Public Agency Retirement Services (PARS) and U.S. Bank, appointing the General Manager as the District's Plan Administrator, and authorizing the General Manager to execute the documents to implement the Program by the following roll call vote:

AYES: Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi & Thomas
NOES: None
ABSENT: None
ABSTAIN: None

ADOPT LEGISLATIVE POSITIONS

- a. AB 1876 (Frazier) - Sacramento-San Joaquin Delta: Delta Stewardship Council
- b. AB 2050 (Caballero) - Small System Water Authority Act of 2018
- c. SB 998 (Dodd) - Water Shutoffs: Urban and Community Water Systems

Upon MOTION by Director Tamaribuchi, seconded by Director Thomas, and carried (7-0), the Board adopted an oppose position on AB 1876 (Frazier) and authorized joining the Metropolitan Water District of Southern California's (MET) coalition letter in opposition; and adopted a support position on AB 2050 (Caballero), by the following roll call vote:

AYES: Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi & Thomas
NOES: None
ABSENT: None
ABSTAIN: None

Upon MOTION by Director Tamaribuchi, seconded by Director Thomas, and carried (6-1), the Board adopted oppose unless amended position on SB 998 (Dodd) by the following roll call vote:

AYES: Directors Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi & Thomas
NOES: Director Barbre
ABSENT: None
ABSTAIN: None

BOARD RESOLUTIONS HONORING CONGRESSMAN ED ROYCE AND CONGRESSMAN DARRELL ISSA

Upon MOTION by Director Dick, seconded by Director Finnegan, and carried (7-0), the Board adopted RESOLUTION NO. 2064 recognizing Congressman Ed Royce and RESOLUTION NO. 2065 recognizing Congressman Darrell Issa for their service and directed staff to prepare the RESOLUTIONS for presentation at the upcoming Washington, DC luncheon. Said

RESOLUTIONS were adopted by the following roll call vote:

AYES: Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi & Thomas
NOES: None
ABSENT: None
ABSTAIN: None

ACWA DC CONFERENCE – FEBRUARY 27-MARCH 1, 2018

Upon MOTION by Director Dick, seconded by Director Finnegan, and carried (7-0), the Board approved an additional attendee (staff) to the ACWA DC Conference by the following roll call vote:

AYES: Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi & Thomas
NOES: None
ABSENT: None
ABSTAIN: None

INFORMATION CALENDAR

GENERAL MANAGER'S REPORT, FEBRUARY 2018

General Manager Hunter advised that the General Manager's report was included in the Board packet.

General Manager Hunter highlighted the Elected Officials Forum to be held April 5, 2018 at 6:00 pm, and the Water Policy dinner scheduled for April 19, 2018. President Barbre asked that former MET Director Bob Wunderlich be honored for his service to MET at the Water Policy dinner.

The Board received and filed the report as presented.

MWDOC GENERAL INFORMATION ITEMS

a. BOARD OF DIRECTORS

The Board members each reported on their attendance at the regular (and special) MWDOC Board and Committee meetings. In addition to these meetings, the following reports were made on conferences and meetings attended on behalf of the District.

Director Dick reported on attending the following meetings: MWDOC Planning & Operations, Administration & Finance, Public Affairs & Legislation, MWDOC/OCWD Joint Planning, and Executive Committee meetings, the Workshop and Special Board meetings, the WACO and WACO Planning Committee meetings, the Urban Water Institute planning meetings and conference, the ISDOC Executive Committee meeting, the Association of California Cities breakfast event, a meeting with Ken Khachigian and Scott Slater re Cadiz, the Garden Grove Chamber of Commerce Legislative Committee, the MET planning meeting/luncheon, the MET

Executive Committee meeting, and the second Monday/Tuesday MET Board and Committee meetings.

Director Osborne advised that he attended the Planning & Operations, Administration & Finance, Public Affairs & Legislation, MWDOC/OCWD Joint Planning, and Executive Committee meetings, as well as the Workshop, Regular, and Special Board meetings.

Director Finnegan noted her attendance at the Planning & Operations, Administration & Finance, Public Affairs & Legislation, MWDOC/OCWD Joint Planning, and Executive Committee meetings, as well as the Workshop, Regular and Special Board meetings, the WACO Planning Committee meeting, and the ISDOC Executive Committee meeting. Director Finnegan reported that she would be attending an Ethics Training on February 26, 2018.

Director Tamaribuchi stated that he attended all of the regularly scheduled MWDOC Board and Committee meetings except the Planning & Operations Committee (Administration & Finance, Public Affairs & Legislation, and Executive Committee meetings, as well as the Workshop, Special, and Regular Board meetings), a MET operations briefing with Director Yoo Schneider and Brent Yamasaki, the WACO meeting, two meetings regarding the Delta Restoration and WaterFix, the Urban Water Institute Conference, and a meeting with representatives from the City of Newport Beach and Karl Seckel.

Director Thomas advised that he attended the Planning & Operations, Administration & Finance, Public Affairs & Legislation, and MWDOC/OCWD Joint Planning Committee meetings, as well as the Workshop, Special and Regular Board meetings, the MET meetings, the OC Water Summit planning meetings (2), a Colorado River Aqueduct inspection trip, and the ISDOC luncheon. Director Thomas reported he would be attending an Ethics Training on February 26, 2018.

Director Barbre reported on attending the following meetings in his capacity as a MET Director: audit firm interviews, the MWDOC/MET Director strategy luncheon, the MET fourth Tuesday Committee day, the ISDOC luncheon, the Colorado River Aqueduct inspection trip, the WACO meeting, a meeting with Gary Breaux re finance issues, the MWDOC/MET Directors caucus, the MET Caucus (Inland Empire), the MET Board and Committee meetings, a meeting regarding the MET inspection trip follow-up meeting with CSUF professors, a meeting with Al Mendez regarding inspection trip planning, a meeting with La Habra Councilman Tim Shaw regarding water issues, and the Brea City Council meeting. In his capacity as MWDOC Director, Director Barbre reported on attending the following meetings: the Planning & Operations, Administration & Finance, Public Affairs & Legislation, MWDOC/OCWD Joint Planning, and Executive Committee meetings, the Workshop, Special, and Regular Board meetings, the joint meeting with MWDOC, OCWD, and YLWD, the OC Water Summit planning meetings, and a meeting with Senator John Moorlach.

Director Yoo Schneider stated she attended the following meetings: Planning & Operations, Administration & Finance, Executive, and MWDOC/OCWD Joint Planning Committee meetings, the Workshop and Special Board meetings, a meeting with representatives from OCWD, a meeting with MWDOC staff, the Santa Margarita Water District strategic planning meeting, the OC Water Summit planning meetings, a MET operations briefing with Director Tamaribuchi and Brent Yamasaki, a meeting with Trabuco Canyon Water District, the South Orange County Watershed Management Area Executive and Funding meetings, the Association of California Cities – Orange County California WaterFix presentation, the Urban Water Institute conference, the CWA P3F conference (as a speaker), the San Juan Basin Authority meeting, meetings with

MET Directors Linda Ackerman and Larry McKenney, and representatives from the Santa Margarita Water District.

B. REQUESTS FOR FUTURE AGENDA TOPICS

No new items were requested.

ADJOURNMENT

There being no further business to come before the Board, President Barbre adjourned the meeting at 8:47 a.m.

Respectfully submitted,

Maribeth Goldsby, Secretary

MINUTES OF THE SPECIAL MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
February 10, 2018

At 9:00 a.m., President Barbre called to order the Special Meeting of the Municipal Water District of Orange County Board of Directors at the Westin Hotel, 686 Anton Blvd., Executive Board Room, 3rd Floor, Costa Mesa, California.

MWDOC DIRECTORS

Brett R. Barbre
Larry Dick
Joan Finnegan
Wayne Osborne
Megan Yoo Schneider
Sat Tamaribuchi
Jeffery M. Thomas

STAFF PRESENT

Robert Hunter, General Manager

ALSO PRESENT

No members of the public were present.

PUBLIC COMMENTS

No public comments were received.

CLOSED SESSIONS ITEM

PUBLIC EMPLOYEE PERFORMANCE EVALUATION

At 9:02 a.m., the Board adjourned to closed session pursuant to Government Code Section 54957, to conduct the performance evaluation of the General Manager.

RECONVENE

ANNOUNCEMENTS FROM CLOSED SESSION

The Board reconvened from closed session at 1:58 p.m., and President Barbre announced that no reportable action was taken in closed session.

ADJOURNMENT

At 1:58 p.m., President Barbre adjourned the special meeting.

Respectfully submitted,

Maribeth Goldsby, Secretary

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PLANNING & OPERATIONS COMMITTEE
February 5, 2018 – 8:30 am to 9:32 am
MWDOC Conference Room 101

P&O Committee:

Director Wayne Osborne
Director Sat Tamaribuchi (absent)
Director Yoo Schneider (arrived 8:35)

Staff:

Karl Seckel, Harvey De La Torre, Joe Berg
Katie Davanaugh, Matt Conway, Chris Lingad,
Charles Busslinger, Kevin Hostert, Heather Baez,
Francisco Soto, Melissa Baum Haley,
Damon Micalizzi

Also Present:

Director Jeff Thomas
Director Brett Barbre
Director Larry Dick
Director Joan Finnegan
Larry McKenney, MWDOC MET Director
Linda Ackerman, MWDOC MET Director
Adam Hutchinson, Orange County Water District
Don Froelich, Moulton Niguel Water District

Director Osborne called the meeting to order at 8:30 a.m. In the absence of Directors Tamaribuchi and Yoo Schneider, Directors Dick and Barbre sat on the Committee.

PUBLIC COMMENTS

No comments were received.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

No items were presented.

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

No items were distributed.

Director Yoo Schneider arrived and assumed her position as Committee member in place of Director Dick.

ACTION ITEMS

**TECHNICAL ASSISTANCE FOR THE DEVELOPMENT OF A WATER LOSS
CONTROL SHARED SERVICES BUSINESS PLAN**

Mr. Berg reported that staff has been implementing a Water Loss Control Program over the

past 2 years with the member agencies as well as the cities of Santa Ana, Fullerton and Anaheim and would like to embark on a program to expand those services. The request before the Committee is to develop a water loss control shared services business plan.

The District was awarded a \$100,000 from the Bureau of Reclamation to be used towards leak detection equipment and MWDOC is required to match that \$100,000. Director Barbre requested that staff seek approval of any changes in the use of grant funds with the Bureau. The request before the Committee is to shift the District's expenditure from equipment to consulting services in the amount of \$50,000 to develop a business plan for the leak detection services. Mr. Berg expects the business plan to be completed by the end of 2018 and presented to the Committee and Board for consideration at that time. The plan will be comprehensive and include, potential staffing, IT, insurance, equipment and all other anticipated costs associated with the loss control program.

Discussion was held on resources that might be available, potentially through Cal State Fullerton or private enterprise, to assist with this effort in developing the business plan or operating the equipment. Mr. Berg indicated that approximately 8,000 miles of 4" or larger mains would need to be inspected and is anticipated to take at least 3 years (for 2 staff working full time) to complete. This service is intended to be a choice service available to MWDOC's member agencies on a fee for service basis. It is possible that the business plan would recommend additional staff to operate the equipment should the shared services be approved by the Board and included in the FY 19-20 budget. It was noted that Yorba Linda and Irvine Ranch Water District currently operate their own leak detection services.

Director Yoo Schneider expressed support for MWDOC initiating leak detection services to its member agencies.

Upon MOTION by Director Yoo Schneider, seconded by Director Barbre, and carried (3-0), the Committee recommended this item for consideration at the February 21, 2018 Board meeting. Directors Yoo Schneider, Barbre and Osborne all voted in favor.

ORANGE COUNTY RELIABILITY STUDY UPDATE BUDGET AUGMENTATION TO CDM SMITH

Mr. Seckel's request is an augmentation of fees needed to complete the 2018 Water Reliability Study Update by CDM Smith. Included in the staff report is a report from CDM outlining changed conditions and the reasons for the 2018 study. The study is anticipated to be completed in May 2018.

Upon MOTION by Director Yoo Schneider, seconded by Director Barbre, and carried (3-0), the Committee recommended this item for consideration at the February 21, 2018 Board meeting. Directors Yoo Schneider, Barbre and Osborne all voted in favor.

DISCUSSION ITEMS

STATE WATER BOARD'S PROPOSED RULEMAKING ON WASTEFUL WATER USES

Mr. Berg provided an overview of the State Water Board's proposed rulemaking on wasteful

water uses, as outlined in the written staff report that was presented to the Committee and included in the packet materials. Additionally, staff is seeking input from the Board on whether MWDOC staff should prepare a comment letter to the State Water Resources Control Board. It was determined that the Board will further discuss and make a determination at the February 21, 2018 Board meeting.

INFORMATION ITEMS

STATUS REPORTS

- a. Ongoing MWDOC Reliability and Engineering/Planning Projects
- b. WEROC
- c. Water Use Efficiency Projects
- d. Water Use Efficiency Programs Savings and Implementation Report

The reports were received and filed.

REVIEW OF ISSUES RELATED TO CONSTRUCTION PROGRAMS, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, DISTRICT FACILITIES, and MEMBER-AGENCY RELATIONS

No information was presented.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 9:32 a.m.

**MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS OF
THE MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**

Jointly with the **ADMINISTRATION & FINANCE (A&F) COMMITTEE**

February 14, 2018 – 8:30 a.m. to 10:30 a.m.

MWDOC Conference Room 101

Committee Members:

Director Jeff Thomas, Chair

Director Joan Finnegan

Director Larry Dick

Staff:

Robert Hunter, Hilary Chumpitazi,

Cathy Harris, Katie Davanaugh,

Joe Berg, Harvey De La Torre,

Heather Baez, Damon Micalizzi,

Melissa Baum Haley, Jeff Stalvey

Also Present:

Director Wayne Osborne

Director Sat Tamaribuchi

Director Megan Yoo Schneider

Director Brett Barbre

Jennifer Meza, PARS

Keith Stribling, Highmark Capital

Marwan Khalifa, Mesa Water

Neely Shahbakhti, El Toro Water District

Mark Monin, El Toro Water District

Chuck Gibson, Santa Margarita Water

Director Thomas called the meeting to order at 8:30 a.m.

PUBLIC COMMENTS

No comments

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

No items were presented.

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

Mr. Hunter advised that the presentation material for Item 5, First Draft of the FY 2018-19 Budget was distributed and posted to the District's website.

Mr. Hunter noted that Item 6 (Grant Tracking and Acquisition Services) should be listed as an action item and the agenda was reorganized.

PROPOSED BOARD CONSENT CALENDAR ITEMS

TREASURER'S REPORT

- a. Revenue/Cash Receipt Report – January 2018
- b. Disbursement Approval Report for the month of February 2018
- c. Disbursement Ratification Report for the month of January 2018

- d. GM Approved Disbursement Report for the month of January 2018
- e. Water Use Efficiency Projects Cash Flow – January 31, 2018
- f. Consolidated Summary of Cash and Investment – December 2017
- g. OPEB Trust Fund monthly statement

The Committee reviewed the Disbursement Report and made inquiries on a few of the transactions listed in the report, with staff responding.

Upon MOTION by Director Finnegan, seconded by Director Thomas and carried (3-0), the Committee recommended the Treasurer's Report for approval at the February 21, 2018 Board meeting. Directors Thomas, Finnegan and Dick all voted in favor.

FINANCIAL REPORT

- a. Combined Financial Statements and Budget Comparative for the Period ending December 31, 2017
- b. Quarterly Budget Review

Upon MOTION by Director Finnegan, seconded by Director Thomas and carried (3-0), the Committee recommended the Financial Report for approval at the February 21, 2018 Board meeting. Directors Thomas, Finnegan and Dick all voted in favor.

ACTION ITEMS

PARS POST-EMPLOYMENT BENEFITS TRUST PROGRAM

Upon MOTION by Director Thomas, seconded by Director Finnegan and carried (3-0), the Committee recommended the PARS Post-employment Benefits Trust Program for approval at the February 21, 2018 Board meeting. Directors Thomas, Finnegan and Dick all voted in favor.

Jennifer Mesa from PARS and Keith Stribling from Highmark were present to answer questions and none were received. Director Barbre suggested it may be prudent to have them return in the future to review the accounting of the new trust account.

2017-18 CONSUMER CONFIDENCE REPORTS

Upon MOTION by Director Dick, seconded by Director Finnegan and carried (3-0), the Committee recommended the Board approve entering into a contract with Stetson Engineers for preparation of the Consumer Confidence Reports for 2017-18 at the February 21, 2018 Board meeting. Directors Thomas, Finnegan and Dick all voted in favor.

GRANT TRACKING AND ACQUISITION SERVICES

Upon MOTION by Director Dick, seconded by Director Finnegan and carried (3-0), the Committee recommended the Board enter into a three-year contract with Soto Resources to provide grant tracking, writing (upon request) and acquisition (not to exceed \$20,000 in fiscal year 2017-18, and not to exceed \$36,000 in fiscal year 2018-19, and not to exceed \$36,000 in fiscal year 2019-20 (total authorization is \$92,000 over three years). This item

will be presented to the Board on February 21, 2018. Directors Thomas, Finnegan and Dick all voted in favor.

Discussion was held on the selection of the consultant as a result of the Request for Proposal process; with Ms. Baez providing an overview of the services that Soto Resources will provide, as outlined in the staff report.

DISCUSSION ITEM

FIRST DRAFT OF THE FY 2018-19 BUDGET

Mr. Hunter provided a presentation on the 1st draft of the FY 2018-19 budget, noting that the schedule had moved up one month from last year in an effort to assist member agencies in preparing their budgets in a timely fashion. Mr. Hunter reviewed the budget schedule, unfunded reserve balance, rates, revenues, reserves and expenses. He also reviewed core expenses by line item (illustrated in percentages), the consolidated budget summary including total expenses, water purchases, operating expenses and revenue, along with meter service connection and groundwater charges. Other influencing factors in the budget process include MET's key budget assumptions as well as their proposed rates and charges for CY 2019 and 2020.

Items that were discussed by the Committee for consideration in the budget process for 2018-19 included a potential middle school water education program; a 1-day college education career event, participation in UCI Water Research Center, possible funding for the Southern California Water Coalition Water Fix Outreach Program, and various memberships and associations.

Discussion was held on LAFCO's dues structure, with Ms. Baez indicating that the process is still under review.

Considerable discussion was held on the proposed District participation costs in Exhibit "D", including elective participation in organizations such as Association of Metropolitan Water Agencies (AMWA), and others. The Committee recommended membership in AMWA be removed from budget.

Following discussion, it was noted that the elective memberships listed in Exhibit "D" would be further discussed (at a later date) for consideration.

INFORMATION ITEMS

2017 REBATE PROGRAM – 1099-MISC FILING

LEGAL AND PROFESSIONAL SERVICES OPEN PURCHASE ORDERS

SEMI-ANNUAL DIRECTORS ACTIVITIES REPORT

SEMI-ANNUAL OVERTIME REPORT

ANNUAL AUTO ALLOWANCE REPORT

ANNUAL REVIEW OF COASTAL MUNICIPAL WATER DISTRICT ISSUES

All of the above information items were received and filed.

DEPARTMENT ACTIVITIES REPORTS

- a. Administration
- b. Finance and Information Technology

MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

The informational reports were received and filed.

OTHER ITEMS

REVIEW ISSUES REGARDING DISTRICT ORGANIZATION, PERSONNEL MATTERS, EMPLOYEE BENEFITS FINANCE AND INSURANCE

No information was presented.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 10:30 a.m.

**MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**

Jointly with the
PUBLIC AFFAIRS AND LEGISLATION COMMITTEE

February 20, 2018 - 8:30 a.m. to 9:50 a.m.

MWDOC Conference Room 101

Committee:

Director Dick, Chairman
Director Jeff Thomas
Director Sat Tamaribuchi

Staff:

Robert Hunter, Karl Seckel, Sarah Wilson,
Pat Meszaros, Harvey De La Torre,
Damon Micalizzi, Melissa Baum-Haley,
Joe Berg, Bryce Roberto, Kevin Hostert
Heather Baez, Bryce Roberto

Also Present:

Wayne Osborne, MWDOC Director
Linda Ackerman, MWDOC MET Director
Dick Ackerman, Ackerman Consulting
Steve Lamar, Irvine Ranch Water District
Syrus Devers, BBK
John Lewis, Lewis Consulting
Alicia Dunkin, OCWD
Stacy Taylor, Mesa Water
Sherri Seitz, ETWD
Lori Kiesser, Inside the Outdoors
Stacy Reynolds, OC Dept. Education
Tony Solorzano, Discovery Cube
Tim Kearns, HashtagPinpoint Corp.
Kevin Perkins, HashtagPinpoint Corp.

Chairman Dick called the meeting to order at 8:30 a.m.

PUBLIC PARTICIPATION

No items were presented.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

No items were presented.

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

No items were presented.

DISCUSSION ITEMS**LEGISLATIVE ACTIVITIES****a. Federal Legislative Report (Barker)**

Mr. James Barker joined the meeting via teleconference and reported that Congress finally came to an agreement on funding for this and next year and passed a sweeping Omnibus Appropriations Bill to be funded at least at last year's level. That funding bill will be passed on March 23, 2018. Mr. Barker reported further on Trump's budget proposal, and the White House Infrastructure Program.

Mr. Hunter mentioned a legislative committee meeting that he and Heather participated in on Wednesday where federal legislation was discussed and asked Ms. Baez for a list of the bills. It was noted that Ms. Baez would send the list to both the Board and Mr. Barker (and Mr. Barker would provide a response to the legislation).

b. State Legislative Report (BBK)

Mr. Syrus Devers discussed that today is the day a report will be filed on Senator Mendoza and will be released tomorrow. The Rules Committee will be caucusing on what action to take. Mendoza has countered with a lawsuit against the Senate claiming lack of due process. Director Barbre inquired how many votes are needed to expel and whether it was 2/3 like in the House. Mr. Devers did not know but promised to find out and let us know later today.

Mr. Devers reported that the State Water Resources Control Board wants to make the emergency drought regulations permanent and, this time, there actually may be some who will sue. It's the doctrine that they're using. If the State Board can do this under their waste and unreasonable use powers, there's almost nothing they can't do. San Francisco PUC will likely lead the charge.

Director Dick inquired about SB 831 which he stated looked like another push to take away local government authority. Mr. Devers discussed Weiner's bill which involves auxiliary housing units which would prohibit someone from adding an additional unit without paying an additional meter fee.

Mr. Devers discussed SB 998 (Dodd) regarding disconnects and shutoffs. SB 998 would enact comprehensive new measures to prevent water agencies from shutting off water service for non-payment to a variety of disadvantaged customers.

Discussion ensued regarding the various provisions of SB 998. For example, the Health Department must come out. Also, accounts must be at least 60 days' delinquent before the process of shutoff is started. If there's a baby in the house or a disabled person, the water cannot be shut off. Mr. Devers stated that there could be some legal problems with this legislation and he has serious concerns. Also, Dodd is a good author and has the ability to move bills. Mr. Devers recommends suggesting amendments to this bill which will require discussion in the water community as the bill has not recognized the common practice of

the water community before shutting off accounts. Director Barbre noted that it hurts communities, like Detroit, and current practice has gone beyond what's in the statute. At Yorba Linda Water District, there are about twelve per month.

c. County Legislative Report (Lewis)

Mr. Lewis stated that today was the day the Santa Ana Riverbed was to be cleared of the homeless encampments. The County had to provide rooms for the homeless for three months. 116 were transferred to hotels and the County is negotiating for another 200 or 300.

Mr. Lewis then noted that the latest PPIC poll shows a 2% difference between Villaraigosa and Newsom in the Governor's race.

d. Legal and Regulatory Report (Ackerman)

Mr. Ackerman noted that he attended the Urban Water Institute where the main topic was: Who controls California water. The General Manager of San Francisco PUC had a pretty strong position about the State Board regarding the reach of the conservation proposals. Stanislaus County Water District is also prepared to take action against the State Board.

SOUTHERN CALIFORNIA WATER ISSUES CONGRESSIONAL DELEGATION BRIEFING LUNCHEON (DC)

Ms. Baez stated that the luncheon will be held again this year in the Gold Room in the Rayburn House Office Building on Wednesday, February 28, at noon. The briefing booklet, which will be provided to Legislators, is in the packet. Director Dick noticed we've expanded our footprint to reflect more of a Southern California presence. Director Barbre clarified that originally it was just MWDOC, then we included OCWD, then OCSD. Now we include several Metropolitan member agencies, Eastern, Western and Inland Empire Utility Agency.

Mr. Hunter noted that although the Board approved attendance by an additional Board member (from 2 to 3), it was noted that staff would likely be requesting the Board authorize an additional staff person to attend as well (Melissa Baum-Haley in addition to Rob Hunter and Heather Baez).

WEBSITE AND SOCIAL MEDIA ANALYTICS

Mr. Hunter noted that this month's report was condensed, as requested by the Board. Director Barbre stated that it's still rather detailed. Director Tamaribuchi stated he's interested in understanding better what the numbers mean. Mr. Micalizzi stated that in January, it was announced that the Facebook News Feed algorithm was changed to emphasize posts from friends and family instead of content from organizations or brands, hence marginalizing an entity's ability to successfully target a message. Mr. Micalizzi stated that our consultants did a really impressive job of re-programming our outreach to improve the success rate. Traffic to our website has doubled. There was a 200% uptick in website traffic with 60% new visitors.

Mr. Micalizzi stated further that for every post on Facebook, engagement numbers are

what's important—rather than likes. As long as the engagement numbers are up and stay high, then our social media program is successful. Mr. Kearns clarified what engagement is: for every post, one can like it or add a reaction, post a comment. Those are all forms of engagement.

ACTION ITEMS

TRAVEL TO WASHINGTON, DC TO COVER FEDERAL ADVOCACY INITIATIVES

TRAVEL TO SACRAMENTO TO COVER STATE INITIATIVES

Upon MOTION by Director Thomas, seconded by Director Tamaribuchi, and carried (3-0), the Committee recommended the Board receive and file the reports on travel to DC and Sacramento at the March 21, 2018 Board meeting. Directors Dick, Tamaribuchi and Thomas voted in favor.

ADOPT LEGISLATIVE POSITIONS

AB 1876 (Frazier) – Sacramento-San Joaquin Delta: Delta Stewardship Council

Upon MOTION by Director Tamaribuchi, seconded by Director Thomas, and carried (3-0), the Committee recommended the Board vote to adopt an oppose position on AB 1876 (Frazier) and join the Metropolitan Water District of Southern California's coalition letter in opposition at the March 21, 2018 Board meeting. Directors Dick, Tamaribuchi and Thomas voted in favor.

AB 2050 (Caballero) – Small System Water Authority Act of 2018

Upon MOTION by Director Thomas, seconded by Director Tamaribuchi, and carried (3-0), the Committee recommended the Board vote to adopt a support position on AB 2050 (Caballero) at the March 21, 2018 Board meeting. Directors Dick, Tamaribuchi and Thomas voted in favor.

SB 998 (Dodd) – Water Shutoffs: Urban and Community Water Systems

Upon MOTION by Director Thomas, seconded by Director Tamaribuchi, and carried (3-0), the Committee recommended the Board vote to adopt an oppose unless amended position on AB 998 (Dodd) at the March 21, 2018 Board meeting. Directors Dick, Tamaribuchi and Thomas voted in favor.

BOARD RESOLUTIONS HONORING CONGRESSMAN ED ROYCE AND CONGRESSMAN DARRELL ISSA

Director Tamaribuchi requested that "drinking" water be changed to just water on the resolution.

Upon MOTION by Director Thomas, seconded by Director Tamaribuchi, and carried (3-0), the Committee recommended the Board approve recognizing Congressman Ed Royce and Congressman Darrell Issa with honorary resolutions and direct staff to prepare the

resolutions for presentation at the upcoming Washington, DC luncheon at the March 21, 2018 Board meeting. Directors Dick, Tamaribuchi and Thomas voted in favor.

INFORMATION ITEMS

UPDATE ON 2018 OC WATER SUMMIT (JUNE 1, 2018)

The report was received and filed.

EDUCATION PROGRAM UPDATE

Mr. Micalizzi re-introduced Sarah Wilson who rejoined the district as Public Affairs Specialist. Sarah attended San Diego State University and received her masters at Cal State Long Beach. She was an intern at MWDOC three years ago and then went to work at Laguna Beach County Water District for the past three years. Mr. Micalizzi stated that he's thrilled to have her back on the Public Affairs team. The school Program will be one of her assignments.

PUBLIC AFFAIRS ACTIVITIES REPORT

Director Finnegan noted that she and other directors attended the ISDOC luncheon as it wasn't included in the General Manager's Report.

OTHER ITEMS

REVIEW ISSUES RELATED TO LEGISLATION, OUTREACH, PUBLIC INFORMATION ISSUES, AND MET

No information was presented.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 9:50 a.m.

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
jointly with the
EXECUTIVE COMMITTEE
February 22, 2018, 8:30 a.m. to 9:36 a.m.
Conference Room 102

Committee:

Director Barbre, President
Director Finnegan, Vice President
Director Osborne (absent)

Staff:

R. Hunter, M. Goldsby

Also Present:

Director Tamaribuchi
Director Dick
Director Yoo Schneider (via teleconference)
Al Nederhood, YLWD

At 8:30 a.m., President Barbre called the meeting to order.

TELECONFERENCE SITE

Director Yoo Schneider attended the meeting via telephone from San Antonio, Texas. All agenda requirements pursuant to the Ralph M. Brown Act were complied with.

PUBLIC PARTICIPATION

No public comments were received.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

No items were presented.

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

At the beginning of the meeting, Staff distributed the draft agendas for the upcoming month.

EXECUTIVE COMMITTEE PROPOSALS FOR FUTURE AGENDAS

The Committee reviewed and discussed the draft agendas for each of the meetings and made revisions/additions as noted below.

a. Planning & Operations Committee meeting

The Committee suggested a presentation regarding the Strand Ranch Project be added to the Committee agenda; staff was asked to contact IRWD.

Discussion ensued regarding a certification program for landscapers similar the programs offered through IRWD and SMWD.

b. Workshop Board meeting

No new items were added to the agenda.

c. Administration & Finance Committee

Committee requested the following items be added to the A&F agenda: (1) attendance at the National Water Resources Association Federal Water conference, (2) ACWA's request for funding for the "No Drinking Water Tax" outreach campaign; and (3) LAFCO dues (to the April agenda).

Discussion ensued regarding the Southern California Water Coalition request for funding and the Committee suggested staff include information on how MWDOC's 2017 contribution was allocated (in the write up).

d. Public Affairs & Legislation Committee

No new items were added to the agenda.

e. Executive Committee

No new items were added to the agenda.

DISCUSSION REGARDING UPCOMING ACTIVITIES OF SIGNIFICANCE

Discussion was held regarding the California WaterFix, MET's financial involvement in the WaterFix, and the newly introduced "staged" approach wherein the project would begin with one tunnel and may eventually lead to two tunnels.

MEMBER AGENCY RELATIONS

General Manager Hunter reported that he met with representatives from LAFCO regarding the upcoming Municipal Services Review (MSR). Discussion ensued regarding the MSR process, the potential change to LAFCO's dues structure, the upcoming LAFCO election. Committee suggested the LAFCO dues structure be included on the April 11, 2018 Administration & Finance Committee agenda.

GENERAL MANAGER'S REPORTS

Mr. Hunter advised that the retirement luncheon for Pat Meszaros was scheduled for March 26th.

REVIEW AND DISCUSS DISTRICT AND BOARD ACTIVITIES

The Committee reviewed and approved late business expense report from Melissa Baum-Haley.

Director Tamaribuchi referenced the monthly Water Supply Reports each Director emails to the member agencies, suggesting they be revamped so that the reports are more valuable to the recipient (fewer slides, better introductory information, etc.).

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 9:36 a.m.

**Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
February 2018**

WATER REVENUES

Date	From	Description	Amount
02/02/18	City of La Palma	December 2017 Water deliveries	4,054.57
02/02/18	City of Brea	December 2017 Water deliveries	93,699.95
02/02/18	City of San Clemente	December 2017 Water deliveries	594,811.37
02/05/18	Serrano Water District	December 2017 Water deliveries	9,486.94
02/05/18	City of Fountain Valley	December 2017 Water deliveries	167,594.70
02/05/18	Trabuco Canyon Water District	December 2017 Water deliveries	131,958.08
02/08/18	Laguna Beach County Water District	December 2017 Water deliveries	147,523.43
02/08/18	City of Westminster	December 2017 Water deliveries	304,666.57
02/08/18	City of Garden Grove	December 2017 Water deliveries	509,175.78
02/09/18	City of La Habra	December 2017 Water deliveries	5,897.85
02/12/18	El Toro Water District	December 2017 Water deliveries	505,328.57
02/12/18	Santa Margarita Water District	December 2017 Water deliveries	1,700,475.78
02/12/18	South Coast Water District	December 2017 Water deliveries	386,282.27
02/12/18	Mesa Water	December 2017 Water deliveries	336,407.80
02/13/18	City of Westminster	December 2017 Water deliveries	364,869.79
02/14/18	City of Orange	December 2017 Water deliveries	342,842.88
02/15/18	East Orange County Water District	December 2017 Water deliveries	357,964.96
02/15/18	Orange County Water District	December 2017 Water deliveries	43,551,644.50
02/15/18	Irvine Ranch Water District	December 2017 Water deliveries	862,780.17
02/15/18	Moulton Niguel Water District	December 2017 Water deliveries	1,929,084.60
02/15/18	Golden State Water Company	December 2017 Water deliveries	721,761.05
02/15/18	Yorba Linda Water District	December 2017 Water deliveries	581,667.32
02/22/18	City of Westminster	January 2018 Water deliveries	183,022.32

TOTAL REVENUES \$ 53,793,001.25

Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
February 2018

MISCELLANEOUS REVENUES

Date	From	Description	Amount
02/26/18	City of Santa Ana	6/1/18 OC Water Summit registration	130.00
02/28/18	Paypal	6/1/18 OC Water Summit registrations	1,763.92
02/26/18	Mesa Water	6/1/18 OC Water Summit sponsorship	7,500.00
02/28/18	Paypal	6/1/18 OC Water Summit sponsorships	3,495.00
02/02/18	Stan Sprague	February 2018 Retiree Health insurance	243.00
02/12/18	Christina Fuller	Movie tickets	34.00
02/26/18	SDRMA	Reimbursement for Loss Prevention program	1,000.00
02/28/18	US Bank	CAL Card rebate check	521.00
02/12/18	Santa Margarita Water District	October 2017 Smartimer rebate program	60.00
02/05/18	Irvine Ranch Water District	Oct-Dec 2017 Smartimer rebate program	2,584.21
02/09/18	City of Huntington Beach	Nov-Dec 2017 Smartimer rebate program	127.86
02/09/18	Mesa Water	December 2017 Smartimer rebate program	67.86
02/12/18	El Toro Water District	December 2017 Smartimer rebate program	59.00
02/05/18	City of Newport Beach	September 2017 Turf Removal rebate program	131.51
02/09/18	City of Orange	December 2017 Turf Removal rebate program	444.00
02/14/18	Irvine Ranch Water District	December 2017 Turf Removal rebate program	28,792.00
02/22/18	City of Westminster	December 2017 Turf Removal rebate program	111.00
02/16/18	City of San Clemente	December 2017 Spray to Drip rebate program	13.57
02/16/18	City of San Clemente	Oct & Dec 2017 Smartimer and Turf Removal rebate program	5,813.29
02/15/18	City of Fountain Valley	December 2017 Turf Removal and Spray to Drip rebate program	428.00
02/22/18	Moulton Niguel Water District	December 2017 Smartimer, Rotating Nozzle & Turf Removal rebate program	27,047.16
02/26/18	Moulton Niguel Water District	January 2018 So Cal Watersmart rebate program	10,600.00
02/12/18	El Toro Water District	Nov 17-Jan 18 So Cal Watersmart rebate program	1,240.00
02/14/18	Irvine Ranch Water District	Nov-Dec 2017 So Cal Watersmart rebate program	119,346.40
02/16/18	City of San Clemente	Nov-Dec 2017 So Cal Watersmart rebate program	1,875.00
02/22/18	Moulton Niguel Water District	Nov-Dec 2017 So Cal Watersmart rebate program	20,200.00
02/22/18	Laguna Beach County Water District	December 2017 So Cal Watersmart rebate program	150.00
02/15/18	City of Westminster	Addition to Choice School program FY 17-18	644.80

TOTAL MISCELLANEOUS REVENUES \$ **234,422.58**

TOTAL REVENUES \$ **54,027,423.83**

Robert J. Hunter, General Manager

Hilary Chumpitazi, Treasurer

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of March 2018**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Core Expenditures:		
	Richard C. Ackerman	
1166	February 2018 Consulting on legal and regulatory matters	2,150.00
	*** Total ***	2,150.00
	ALTA FoodCraft	
51803661	2/16/18 Coffee & tea supplies	233.20
	*** Total ***	233.20
	Awards & Trophies Co., Inc.	
17759	Name plate for S. Wilson	15.24
17858	Name plate for T. Muldoon	15.24
	*** Total ***	30.48
	Best Best and Krieger LLP	
55401-JAN18	January 2018 Legal services	5,931.27
815213	January 2018 State legislative advocacy services	8,167.72
	*** Total ***	14,098.99
	Board of Equalization	
2017	2017 Sales tax on purchases	748.91
	*** Total ***	748.91
	CDM Smith	
90039089	January 2018 Engineering services for O.C. Water Reliability Investigation	7,080.00
	*** Total ***	7,080.00
	Government Finance Officers Assoc.	
0122001-2018	4/1/18-3/31/19 Annual membership renewal	160.00
	*** Total ***	160.00
	Green Shades Software, Inc.	
127310	2017 W-2 Upload fee	17.36
	*** Total ***	17.36
	HashtagPinpoint Corporation	
1143	February 2018 Social media consultation and services	9,500.00
	*** Total ***	9,500.00
	IDS Group	
17X114.00-2	1/27/18-2/26/18 Architectural, space planning, design and engineering services for MWDOC office area	2,112.00
17S020.04-1	10/27/17-1/31/18 Structural engineering services for MWDOC Administration building seismic retrofit concepts	3,300.00
17S020.04-2	2/1/18-2/26/18 Structural engineering services for MWDOC Administration building seismic retrofit concepts	3,300.00
	*** Total ***	8,712.00

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of March 2018**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	James C. Barker, P.C.	
105-0218	February 2018 Federal legislative advocacy services	8,000.00
	*** Total ***	8,000.00
	Jill Promotions	
10148	Promotional mint tins with MWDOC logo	444.55
	*** Total ***	444.55
	Karen's Detail Custom Frames	
2993	Custom framing for resolutions for Senator Issa & Congressman Royce	306.01
	*** Total ***	306.01
	Lawnscape Systems, Inc.	
393249	March 2018 Gardening service for atrium	295.00
	*** Total ***	295.00
	Phil Letrong	
DEC2017	December 2017 Retiree medical premium	134.00
	*** Total ***	134.00
	Lewis Consulting Group, LLC	
2018-114	February 2018 Consulting services	2,937.50
	*** Total ***	2,937.50
	Edward G. Means III	
MWDOC-1056	February 2018 MET issues and guidance to Engineering staff	1,386.99
	*** Total ***	1,386.99
	MyBinding.com	
096565	2/19/18-2/18/19 Annual maintenance renewal for binding machine	695.00
	*** Total ***	695.00
	National Water Resources Association	
2018-NWRA	2018 Annual membership renewal	500.00
	*** Total ***	500.00
	New Horizons CLC	
INV-4011552-L1K4N	3/12/18-3/16/18 Cyber Security training for P. Dinh	1,833.00
	*** Total ***	1,833.00
	Norco Delivery Services	
712715	2/2/18 Delivery charges for Board packets	94.09
712817	2/16/18 Delivery charges for Board packets	139.92
	*** Total ***	234.01

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of March 2018**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	Office Solutions	
I-01315115	1,000 #9 Security window envelopes	183.99
I-01315116	2,500 #10 Regular envelopes	196.84
I-01317423	1,000 #10 Window envelopes	176.52
I-01321589	2/21/18 Office supplies	120.72
I-01322882	2/23/18 Office supplies	56.53
	*** Total ***	734.60
	Orange County Fast Print, Inc.	
55942	1,500 Business cards	166.63
	*** Total ***	166.63
	Orange County Water District	
18643	January 2018 50% share of WACO expense	217.50
18683	January 2018 Postage, shared office & maintenance expense	8,156.71
	*** Total ***	8,374.21
	Patricia Kennedy Inc.	
21725	March 2018 Plant maintenance	214.00
	*** Total ***	214.00
	Petty Cash	
DEC17-FEB18	December 2017-February 2018 Petty Cash reimbursement	277.47
	*** Total ***	277.47
	So. Cal. Water Committee	
1104	Annual membership renewal	1,000.00
	*** Total ***	1,000.00
	Spectrum Business Centers	
193318	3/19/18-3/19/19 Maintenance for Ricoh color copier	350.00
	*** Total ***	350.00
	Tetra Tech, Inc.	
51275532	November-December 2017 Services for Hydraulics/Interconnections calculations for CM-1	4,960.00
	*** Total ***	4,960.00
	USAFact, Inc.	
8030336	2/21/18 Pre-employment background check	35.06
	*** Total ***	35.06
	Total Core Expenditures	<hr/> 75,608.97

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of March 2018**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Choice Expenditures:		
	Discovery Science Center	
DSOC/IV/000689	February 2018 Elementary school program	43,506.54
	*** Total ***	43,506.54
	Droplet Technologies LLC	
1074	Annual license fee for web based rebate processing and database platform for Water Use Efficiency rebate programs	41,222.00
	*** Total ***	41,222.00
	Enterprise Information Sys Inc	
MWDOC-22006	January-March 2018 Technical support for California Sprinkler Adjustment Subscription System program	3,000.00
	*** Total ***	3,000.00
	Orange County Water District	
18683	January 2018 Postage for Water Use Efficiency rebate programs	297.53
	*** Total ***	297.53
	Top Hat Productions	
93797	3/1/18 Lunch for Water Use Efficiency Workgroup meeting	434.77
	*** Total ***	434.77
	Total Choice Expenditures	<hr/> 88,460.84

Other Funds Expenditures:

	Droplet Technologies LLC	
1074	Annual license fee for web based rebate processing and database platform for Water Use Efficiency rebate programs	850.00
	*** Total ***	850.00
	EcoTech Services, Inc.	
1102	1/26/18-2/25/18 One-on-One design assistance for Landscape Design program	3,600.00
	*** Total ***	3,600.00
	IDS Group	
17S020.02-2	11/24/17-2/28/18 Architectural and Structural services for support and bracing for WEROC S. EOC	3,010.00
	*** Total ***	3,010.00

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of March 2018**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<i>Mega Maids Cleaning Service</i>	
9389	February 2018 WEROC N. EOC cleaning services	80.00
	*** Total ***	80.00
	<i>Mission RCD</i>	
2431	February 2018 Field verifications for Water Use Efficiency rebate programs	11,098.11
	*** Total ***	11,098.11
	<i>Petty Cash</i>	
DEC17-FEB18	December 2017-February 2018 Petty Cash reimbursement	17.00
	*** Total ***	17.00
	<i>Total Other Funds Expenditures</i>	<u>18,655.11</u>
	<i>Total Expenditures</i>	<u><u>182,724.92</u></u>

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of February 2018**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Core Disbursements:				
137701	2/8/18	SPECTB	Spectrum Business	
		0375210012018	February 2018 Telephone and internet expense	1,098.04
			***Total ***	1,098.04
137703	2/8/18	VERIZO	Verizon Wireless	
		9800465219	January 2018 4G Mobile broadband unlimited service	114.03
			***Total ***	114.03
137713	2/15/18	IRONMO	Iron Mountain	
		PUB9248	February 2018 Archived document storage fees	195.29
			***Total ***	195.29
137718	2/15/18	SPECTB	Spectrum Business	
		0343564020118	February 2018 Telephone expense for 3 analog fax line	106.24
			***Total ***	106.24
137719	2/15/18	STAPLC	Staples Credit Plan	
		4362-FEB18	1 Pack Certificate paper for MET Inspection trips	44.17
			***Total ***	44.17
ACH003009	2/15/18	ACKEEX	Linda Ackerman	
		013118	January 2018 Business expense	76.30
			***Total ***	76.30
ACH003011	2/15/18	BAEZHE	Heather Baez	
		020118	January-February 2018 Business expense	354.72
			***Total ***	354.72
ACH003012	2/15/18	BERGJO	Joseph Berg	
		013118	January 2018 Business expense	219.37
			***Total ***	219.37
ACH003015	2/15/18	BUSSLI	Charles Busslinger	
		123117	December 2017 Business expense	79.64
			***Total ***	79.64
ACH003017	2/15/18	CHUMPI	Hilary Chumpitazi	
		013118	January 2018 Business expense	72.09
			***Total ***	72.09
ACH003018	2/15/18	CONWAY	Matthew Conway	
		020118	January-February 2018 Business expense	91.34
			***Total ***	91.34

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of February 2018**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
ACH003019	2/15/18	DELATO 012618	Harvey De La Torre January 2018 Business expense ***Total ***	 93.35 93.35
ACH003020	2/15/18	DICKEY 013118	Larry Dick January 2018 Business expense ***Total ***	 95.40 95.40
ACH003021	2/15/18	DINHPA 013118	Patrick Dinh January 2018 Business expense ***Total ***	 54.50 54.50
ACH003026	2/15/18	FINNEG 013118	Joan Finnegan January 2018 Business expense ***Total ***	 92.77 92.77
ACH003027	2/15/18	HARRIS 013118	Cathleen M. Harris January 2018 Business expense ***Total ***	 68.62 68.62
ACH003028	2/15/18	HOSTER 020118	Kevin Hostert January 2018 Business expense ***Total ***	 66.18 66.18
ACH003030	2/15/18	HUNTER 011518	Robert J. Hunter January 2018 Business expense ***Total ***	 58.60 58.60
ACH003031	2/15/18	RICOHMA 5052099744	Ricoh USA, Inc. September-November 2017 Reproduction costs ***Total ***	 825.17 825.17
ACH003049	2/15/18	ROBERT 013118	Bryce Roberto January 2018 Business expense ***Total ***	 211.70 211.70
ACH003050	2/15/18	SCHNEI 013118	Megan Yoo Schneider January 2018 Business expense ***Total ***	 510.10 510.10
ACH003051	2/15/18	TAMARI 013118	Satoru Tamaribuchi January 2018 Business expense ***Total ***	 124.81 124.81
ACH003052	2/15/18	THOMAS 013118	Jeffery Thomas January 2018 Business expense ***Total ***	 137.34 137.34

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of February 2018**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
		WAGEWO	Wageworks	
EFT-180223	2/23/18	INV496708	January 2018 Cafeteria plan administration	14.52
EFT-180223B	2/23/18	INV496716	January 2018 Cafeteria plan administration	166.73
			***Total ***	181.25
137753	2/28/18	USBANK	U.S. Bank	
		4140-JAN18	12/22/17-1/22/18 Cal Card charges	15,267.68
			***Total ***	15,267.68
			(See attached sheet for details)	
ACH003057	2/28/18	BAUMHA	Melissa Baum-Haley	
		123117	December 2017 Business expense	382.75
			***Total ***	382.75
Total Core Disbursements				20,621.45

Choice Disbursements:

ACH003012	2/15/18	BERGIO	Joseph Berg	
		013118	January 2018 Business expense	132.59
			***Total ***	132.59
Total Choice Disbursements				132.59

Other Funds Disbursements:

137699	2/8/18	ATTCALN	AT&T	
		000010847809	January 2018 WEROC S. EOC telephone expense	113.81
		000010847810	January 2018 WEROC N. EOC telephone expense	104.23
			***Total ***	218.04
137700	2/8/18	ATTEOC	AT&T	
		0532-JAN18	January 2018 WEROC N. EOC dedicated phone line	69.77
			***Total ***	69.77
137702	2/8/18	TURFRP	Turf Removal Program	
		TR11-R-BP-3143-21056A	L. Mahalingam (Re-issue)	278.00
			***Total ***	278.00
137703	2/8/18	VERIZO	Verizon Wireless	
		9800465219	January 2018 4G Mobile broadband unlimited service	38.01
			***Total ***	38.01
137706	2/15/18	ATTUVEOC	AT&T	
		8599-FEB18	February 2018 WEROC N. EOC U-verse internet service	60.00
			***Total ***	60.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of February 2018**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
137716	2/15/18	RWOSRP	Recycled Water Program	
		RTF4019	Recycled Water On-Site Retrofit program -	4,423.25
			TIC Investment Company LLC (Irvine)	
			***Total ***	4,423.25
137717	2/15/18	SEALBE	City of Seal Beach	
		DEC2017	December 2017 Credit for "In-Lieu" water purchase	22,031.85
			***Total ***	22,031.85
ACH003012	2/15/18	BERGJO	Joseph Berg	
		013118	January 2018 Business expense	4.50
			***Total ***	4.50
ACH003029	2/15/18	HUBBAR	Kelly Hubbard	
		123117	December 2017 Business expense	111.66
			***Total ***	111.66
		TURFRP	Turf Removal Program	
137721	2/22/18	TR10-R-SM-17622-17570	T. Knego	584.76
137722	2/22/18	TR11-R-ETWD-17833-	T. Crane	720.61
137723	2/22/18	TR11-R-IRWD-17849-17760	F. Stehberger	754.00
137724	2/22/18	TR11-R-IRWD-17864-17773	K. Patel	800.00
137725	2/22/18	TR11-R-SC-17900-17815	H. Hosseiny	3,662.00
137726	2/22/18	TR11-R-MNT-18904-18820	J. Kepner	3,914.00
137727	2/22/18	TR11-R-MNT-18908-18824	M. Sacks	548.94
137728	2/22/18	TR11-R-MNT-18922-18841	O. Aguilar	698.09
137729	2/22/18	TR11-R-SC-21055-20968	M. Marshall	1,054.00
137730	2/22/18	TR11-R-MNT-21082-20999	B. Christiansen	8,744.00
137731	2/22/18	TR11-R-SM-21135-21047	B. Wood	805.00
137732	2/22/18	TR11-R-MNT-21025-21057	M. Leventhal	594.00
137733	2/22/18	TR11-R-LB-21161-21075	J. Park	738.00
137734	2/22/18	TR11-R-SM-21167-21080	M. Milosevich	253.00
137735	2/22/18	TR11-R-MNT-22187-22097	J. Kratz	1,200.00
137736	2/22/18	TR11-R-SM-22211-22128	R. Barnett	400.00
137737	2/22/18	TR11-R-MNT-22225-22141	J. Samuelson	876.00
137738	2/22/18	TR11-R-IRWD-23250-23162	R. Hall	1,008.00
137739	2/22/18	TR11-R-MNT-23271-23182	S. Martinez	1,004.00
137740	2/22/18	TR11-R-MNT-23286-23194	M. Natale	854.00
137741	2/22/18	TR11-R-SM-23319-23230	M. Langes	902.00
137742	2/22/18	TR11-R-SM-23349-23255	N. Boatright	302.00
			***Total ***	30,416.40
		DRIPPR	Spray to Drip Program	
137743	2/23/18	S2D1-R-SM-21122-13078	E. Chun	350.00
137744	2/23/18	S2D1-R-SM-23319-13111	M. Langes	350.00
137745	2/23/18	S2D1-R-SM-23353-13113	C. Salmon	175.00
			***Total ***	875.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of February 2018**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
137748	2/28/18	CATALI 0015237	Catalina Island Conservancy February 2018 WEROC radio repeater site lease ***Total ***	 1,804.20 1,804.20
137752	2/28/18	SANTI1 DEC2017	Santiago Aqueduct Commission December 2017 SAC Pipeline operation surcharge ***Total ***	 3,912.16 3,912.16
ACH003068	2/28/18	SANTAM DEC2017	Santa Margarita Water District December 2017 SCP Pipeline operation surcharge ***Total ***	 23,582.40 23,582.40
ACH003069	2/28/18	SOTOFR 123117A	Francisco Soto December 2017 Business expense	39.71
ACH003070	2/28/18	013118	January 2018 Business expense ***Total ***	39.74 79.45
WIRE-180228	2/28/18	METWAT 9241	Metropolitan Water District December 2017 Water deliveries ***Total ***	 55,251,418.75 55,251,418.75
Total Other Funds Disbursements				55,339,323.44
Total Disbursements				55,360,077.48


Robert J. Hunter, General Manager


Hilary Chumpitazi, Treasurer

Cal Card Statement Detail
Statement Date: January 22, 2018
Payment Date: February 28, 2018

Date	Description	Amount
<u>K. Seckel Card</u>		
12/22/17	California Society of Municipal Finance Officers conference in Riverside, CA from Feb. 20-23, 2018 - Registration for H. Chumpitazi	370.00
12/22/17	Urban Water Institute Spring Water conference in Palm Springs, CA from Feb. 7-9, 2018 - Registration for Director Yoo Schneider	475.00
12/24/17	9/24/17-12/23/17 Web hosting service for MWDOC website	16.97
01/03/18	Flowers for staff member	64.54
01/04/18	5 Toner cartridges	160.95
01/04/18	ACWA DC conference in Washington, DC from Feb. 27-Mar. 1, 2018 - Registration for R. Hunter	690.00
01/04/18	ACWA DC conference in Washington, DC from Feb. 27-Mar. 1, 2018 - Registration for Director Barbre	552.00
01/04/18	ACWA DC conference in Washington, DC from Feb. 27-Mar. 1, 2018 - Registration for H. Baez	690.00
01/04/18	ACWA DC conference in Washington, DC from Feb. 27-Mar. 1, 2018 - Registration for Director Yoo Schneider	690.00
01/04/18	ACWA DC conference in Washington, DC from Feb. 27-Mar. 1, 2018 - Registration for Director Tamaribuchi	690.00
01/05/18	1/4/18-8/3/18 Subscription for Creative Cloud for Teams software	2,716.43
01/08/18	UPS delivery charges for Board packets on Jan. 5, 2018	7.33
01/08/18	California Secretary of State Statement of Information filing fee	20.00
01/09/18	Vectorization service to enhance artwork	108.00
01/10/18	Human Resources webinar training	145.00
01/11/18	Urban Water Institute Spring Water conference in Palm Springs, CA from Feb. 7-9, 2018 - Accommodations deposit for Director Yoo Schneider	182.41
01/11/18	Orange County Business Council Annual Advocacy trip in Sacramento, CA from Mar. 12-13, 2018 - Airfare for Director Yoo Schneider	267.98
01/11/18	CalDesal Annual conference in Monterey, CA from Jan. 31-Feb. 2, 2018 - Airfare for K. Seckel	238.60
01/12/18	Food for staff development meeting	30.98
01/12/18	Computer supplies	76.47
01/12/18	Computer supplies	221.12
01/12/18	Software to print and file IRS 1099 forms for Water Use Efficiency rebates	164.00
01/12/18	OneStop job post for WEROC Intern position	165.00
01/12/18	MET Inspection trip from Jan. 26-28, 2018 - Airfare for legislative guest A. Eisenberger	491.60
01/12/18	Brown and Caldwell job post for Public Affairs Assistant position	200.00
01/13/18	Legislative Activities in Washington, DC from Jan. 10-12, 2018 - Accommodations for Director Barbre	1,369.89 1
01/13/18	Legislative Activities in Washington, DC from Jan. 10-12, 2018 - Accommodations for H. Baez	660.70
01/15/18	UPS delivery charges for Board packets on Jan. 5, 10 & 12, 2018	124.68
01/16/18	Office supplies from Costco	279.52
01/16/18	California Water Efficiency Partnership meeting in Sacramento, CA on Jan. 23, 2018 - Airfare for J. Berg	381.96
01/17/18	Computer supplies	17.99

Cal Card Statement Detail
Statement Date: January 22, 2018
Payment Date: February 28, 2018

Date	Description	Amount
01/17/18	Lunch for Association of California Cities-Orange County meeting	170.50
01/17/18	Lunch for Managers' meeting	296.66
01/17/18	MET Inspection trip from Jan. 26-28, 2018 - Airfare for legislative guest I. Floley	593.60
01/17/18	MET Inspection trip from Jan. 26-28, 2018 - Airfare for legislative guest J. Roxburgh	593.60
01/17/18	MET Inspection trip from Jan. 26-28, 2018 - Airfare for legislative guest J. Roxburgh	570.60 [2]
01/18/18	Urban Water Institute Spring Water conference in Palm Springs, CA from Feb. 7-9, 2018 - Registration for Director Tamaribuchi	475.00
01/18/18	Custom coffee mug with new MWDOC logo	24.97
01/19/18	Urban Water Institute Spring Water conference in Palm Springs, CA from Feb. 7-9, 2018 - Accommodations deposit for Director Tamaribuchi	273.63
Total		<u>\$ 15,267.68</u>

- [1] Director Barbre reimbursed MWDOC \$793.01
[2] Airfare charged twice, Delta issued credit for \$570.60 on 2/28/18

R. Hunter Card

No Charges to report

\$ -

Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the month of February 2018

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Core Disbursements:				
Total Core Disbursements				<hr/> -
Choice Disbursements:				
Total Choice Disbursements				<hr/> -
Other Funds Disbursements:				
Total Other Funds Disbursements				<hr/> -
Total Disbursements				<hr/> <hr/> -

No items to report



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

(1) For disbursements that did not make the cut-off of previous month's Disbursement Approval report.
Disbursements are approved by GM for payment and need A & F Committee ratification.



Municipal Water District of Orange County
Consolidated Summary of Cash and Investment
 January 31, 2018

Street Address:
 18700 Ward Street
 Fountain Valley, California 92708

Mailing Address:
 P.O. Box 20895
 Fountain Valley, CA 92728-0895

(714) 963-3058
 Fax: (714) 964-9389
www.mwdoc.com

Brett R. Barbre
 President

Joan C. Finnegan
 Vice President

Larry D. Dick
 Director

Wayne S. Osborne
 Director

Megan Yoo Schneider
 Director

Sat Tamaribuchi
 Director

Jeffery M. Thomas
 Director

Robert J. Hunter
 General Manager

MEMBER AGENCIES

City of Brea
 City of Buena Park
 East Orange County Water District
 El Toro Water District
 Emerald Bay Service District
 City of Fountain Valley
 City of Garden Grove
 Golden State Water Co.
 City of Huntington Beach
 Irvine Ranch Water District
 Laguna Beach County Water District
 City of La Habra
 City of La Palma
 Mesa Water District
 Moulton Niguel Water District
 City of Newport Beach
 City of Orange
 Orange County Water District
 City of San Clemente
 City of San Juan Capistrano
 Santa Margarita Water District
 City of Seal Beach
 Serrano Water District
 South Coast Water District
 Trabuco Canyon Water District
 City of Tustin
 City of Westminster
 Yorba Linda Water District

District investments and cash balances are held in various funds designated for certain purposes as follows:


Fund	Book Value	% of Portfolio
Designated Reserves		
General Operations	\$3,156,569	20.23%
Grant & Project Cash Flow	1,500,000	9.61%
Election Expense	304,000	1.95%
Building Repair	350,407	2.25%
OPEB	209,006	1.34%
Total Designated Reserves	5,519,982	35.38%
General Fund	6,678,548	42.81%
Water Fund	2,533,020	16.23%
Conservation Fund	482,752	3.09%
Desalination Feasibility Study Fund	(145,165)	(0.93%)
WEROC Fund	504,850	3.24%
Trustee Activities	28,553	0.18%
Total	\$15,602,540	100.00%

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	3.57%	\$556,767	\$556,767
Short-term investment			
• LAIF	53.01%	\$8,271,219	\$8,271,219
• OCIP	25.13%	3,920,854	3,920,854
Long-term investment			
• Corporate Bond	7.39%	1,153,700	1,137,581
• Certificates of Deposit	10.90%	1,700,000	1,695,331
Total	100.00%	\$15,602,540	\$15,581,752

The average number of days to maturity/call as of January 31, 2018 equaled 157 and the average yield to maturity is 1.45%. During the month, the District's average daily balance was \$20,216,744.79. Funds were invested in Federal Agency Issues, Certificates of Deposit, Negotiable CD's, Miscellaneous Securities, the Local Agency Investment Funds (LAIF) and the Orange County Investment Pool (OCIP) during the month of January 2018.

The (\$20,788) difference between the book value and the market value on January 31, 2018 represents the exchange difference if all investments had been liquidated on that date. Since it is the District's practice to "buy and hold" investments until maturity, the market values are a point of reference, not an indication of actual loss or gain. There are no current plans or cash flow requirements identified in the near future that would require the sale of these securities prior to maturity.


 Robert J. Hunter
 General Manager


 Hilary Chumpitazi
 Treasurer



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Portfolio Management - Portfolio Summary January 31, 2018

1/31/2018	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,700,000.00	1,695,330.50	1,700,000.00	11.30	642	2.012
Corporate Bond	1,150,000.00	1,137,580.50	1,153,699.66	7.65	1,089	2.290
Local Agency Investment Funds	8,271,218.93	8,271,218.93	8,271,218.93	54.98	1	1.350
Orange County Investment Pool	3,920,854.49	3,920,854.49	3,920,854.49	26.07	1	1.171
Total Investments	15,042,073.42	15,024,984.42	15,045,773.08	100.00	157	1.450

Cash						
Cash	556,767.36	556,767.36	556,767.36		1	0.00
Total Cash and Investments	15,598,840.78	15,581,751.78	15,602,540.44		157	1.450

Total Earnings	Month Ending January	Fiscal Year to Date
Current Year	23,582.26	175,807.06
Average Daily Balance	24,839,093.85	
Effective Rate of Return	1.450%	

We certify that this report reflects the cash and investments of the Municipal Water District of Orange County and is in conformity with the Government Code requirements and the District Investment Policy and Guidelines in effect at the time of investment. The Investment Program herein shown provides sufficient cash flow liquidity to meet the next six month's estimated expenditure. The source for the market values are from Union Bank. Per Resolution 2059 there are no compliance exceptions to report.



Robert J. Hunter, General Manager

3-5-18

Date



Hilary Chumtipitzi, Treasurer

03/05/2018

Date

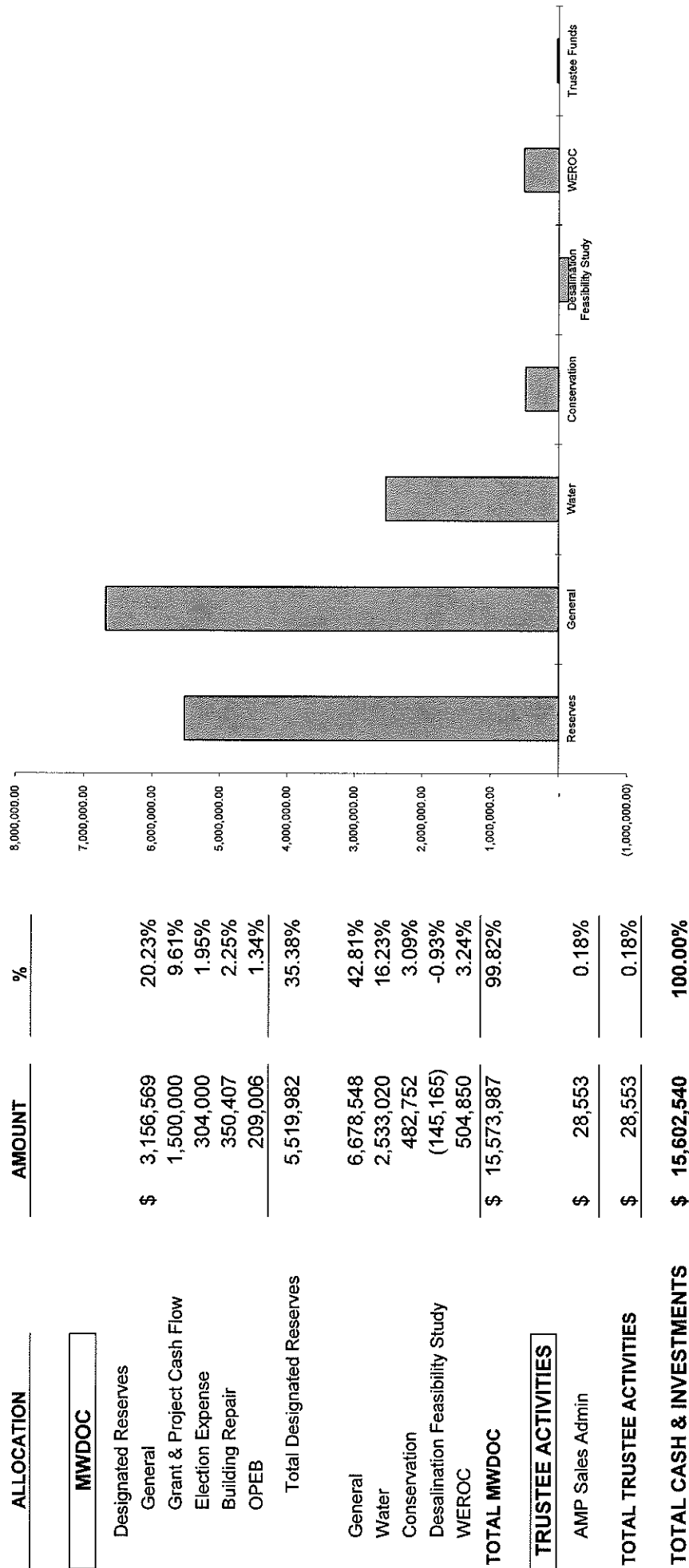
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Long-Term Portfolio Details - Investments
January 31, 2018

Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Negotiable Certificate Of Deposit									
Barclays Bank	06740KKY2	9/27/2017	250,000.00	246,725.00	250,000.00	2.250	2.250	1,700	9/27/2022
Capital One Bank	14042E6C9	9/2/2015	250,000.00	250,142.50	250,000.00	1.950	1.950	580	9/3/2019
Capital One Natl Assn	140420TY6	8/5/2015	250,000.00	250,000.00	250,000.00	1.700	1.700	187	8/6/2018
Comenity Capital Bank	20033AUX2	7/25/2017	200,000.00	197,458.00	200,000.00	2.000	2.000	1,262	7/16/2021
Discover Bank	2546712Y5	7/23/2014	250,000.00	249,980.00	250,000.00	1.600	1.600	173	7/23/2018
HSBC Bank	40434AK65	1/21/2016	250,000.00	250,870.00	250,000.00	2.250	2.534	171	1/21/2021
Synchrony Bank	87164XBY1	7/25/2014	250,000.00	250,155.00	250,000.00	2.050	2.050	545	7/30/2019
Sub Total			1,700,000.00	1,695,330.50	1,700,000.00	1.971	2.012	642	
Corporate Bond									
JP Morgan Chase	46625HKA7	11/2/2015	500,000.00	497,250.00	500,919.46	2.250	2.152	691	1/23/2020
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	195,306.00	200,000.00	2.500	2.500	1,626	7/15/2022
Wells Fargo	94974BGR5	1/13/2016	250,000.00	248,872.50	250,937.77	2.550	2.409	1,041	12/7/2020
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	196,152.00	201,842.43	2.500	2.278	1,609	6/28/2022
Sub Total			1,150,000.00	1,137,580.50	1,153,699.66	2.402	2.290	1,089	
Total Investments			2,850,000.00	2,832,911.00	2,853,699.66	2.145	2.125	823	
Total Earnings									
Current Year		Month Ending January	5,231.72		Fiscal Year To Date				
									35,556.66

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Short-Term Portfolio Details - Cash and Investments
January 31, 2018

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Local Agency Investment Funds									
LAIF LGIP	LAIF	6/30/2010	8,271,218.93	8,271,218.93	8,271,218.93	1.350	1.350	1	N/A
Sub Total			8,271,218.93	8,271,218.93	8,271,218.93	1.350	1.350	1	
Orange County Investment Pool									
County of Orange LGIP	OCIP	6/29/2005	3,920,854.49	3,920,854.49	3,920,854.49	1.171	1.171	1	N/A
Sub Total			3,920,854.49	3,920,854.49	3,920,854.49	1.171	1.171	1	
Total Investments			12,192,073.42	12,192,073.42	12,192,073.42	1.350	1.350		
Cash									
Bank of America Cash	CASH0547	7/1/2010	306,267.36	306,267.36	306,267.36	0.000	0.000	1	N/A
Petty Cash Cash	CASH	7/1/2010	500.00	500.00	500.00	0.000	0.000	1	N/A
Union Bank Cash	CASHUB	1/29/2018	250,000.00	250,000.00	250,000.00	0.000	0.000	1	N/A
Total Cash			556,767.36	556,767.36	556,767.36	0.000	0.000	1	
Total Cash and Investments			12,748,840.78	12,748,840.78	12,748,840.78	1.350	1.350	1	
Total Earnings									
Current Year			18,350.54		Fiscal Year To Date				
					140,250.40				

**Municipal Water District of Orange County
Cash and Investments at January 31, 2018**



MUNICIPAL WATER DIST OF ORANGE COUNTY
PARS OPEB Trust Program**Account Report for the Period**
1/1/2018 to 1/31/2018Rob Hunter
General Manager
Municipal Water Dist of Orange County
18700 Ward Street
Fountain Valley, CA 92708**Account Summary**

Source	Beginning Balance as of 1/1/2018	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 1/31/2018
OPEB	\$2,078,570.88	\$0.00	\$47,216.66	\$1,441.77	\$0.00	\$0.00	\$2,124,345.77
Totals	\$2,078,570.88	\$0.00	\$47,216.66	\$1,441.77	\$0.00	\$0.00	\$2,124,345.77

Investment Selection**Moderate HighMark PLUS****Investment Objective**

The dual goals of the Moderate Strategy are growth of principal and income. It is expected that dividend and interest income will comprise a significant portion of total return, although growth through capital appreciation is equally important. The portfolio will be allocated between equity and fixed income investments.

Investment Return

1-Month	3-Months	1-Year	Annualized Return			Plan's Inception Date
			3-Years	5-Years	10-Years	
2.27%	4.33%	14.35%	7.29%	7.54%	-	10/26/2011

Information as provided by US Bank, Trustee for PARS; Not FDIC Insured; No Bank Guarantee; May Lose Value

Past performance does not guarantee future results. Performance returns may not reflect the deduction of applicable fees, which could reduce returns. Information is deemed reliable but may be subject to change.

Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.

Account balances are inclusive of Trust Administration, Trustee and Investment Management fees

Municipal Water District of Orange County
WATER USE EFFICIENCY PROJECTS
Cash Flow as of 2/28/18

	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	TOTALS
Cash - Beginning Balance	\$ (72,844.08)	\$ (133,020.86)	\$ (151,184.71)	\$ (326,302.43)	\$ 801,456.49	\$ 865,340.16	\$ 776,036.09	\$ 482,751.99	\$ 490,949.46	\$ 490,949.46	\$ 490,949.46	\$ 490,949.46	
REVENUES:													
BUREC					200,757.65		5,407.70						\$ 206,165.35
City of Buena Park		222.00		111.00		333.00							666.00
City of Fountain Valley	333.00	444.00	424.05	222.00		222.00	111.00	428.00					2,184.05
City of Garden Grove	888.00		222.00	444.00		222.00							1,776.00
City of Huntington Beach	264.00	379.00	427.19			9.86		127.86					1,207.91
City of La Habra		555.00		111.00									666.00
City of San Clemente	1,304.96	233.00	6,460.97	6,044.00	3,419.79		2,027.22	7,701.86					27,191.80
City of Newport Beach	406.31	222.00			222.00		111.00	131.51					1,092.82
City of Orange	444.00	555.00	333.00		555.00	111.00	111.00	444.00					2,553.00
City of Westminster		888.00	333.00	444.00	444.00		444.00	111.00					2,664.00
County of Orange				1,096,511.49									1,096,511.49
Department of Water Resources		1,444.63	15,488.35	9,716.20		35,676.91							62,306.09
El Toro Water District	3,093.98	50.00	1,137.96	1,000.00	2,630.00	1,350.77	60.00	1,299.00					10,621.71
Irvine Ranch Water District	38,717.96	129,174.28	12,348.45	184,823.79	37,097.77		17,218.24	150,722.61					570,103.10
Laguna Beach County Water District	85.00	90.00		110.00	30.00			150.00					485.00
Mesa Water District		500.00					130.22	67.86					698.08
Metropolitan Water District		25,735.53											25,735.53
Moulton Niguel Water District	37,634.08	3,800.00	14,408.25	38,738.51	27,516.79	31,071.51	14,842.29	57,847.16					225,858.59
Orange County Water District		5,510.86	776.06	32,475.75			12,383.25						51,145.92
Santa Margarita Water District	57.32	197.95		924.98	85.00			60.00					1,325.25
Trabuco Canyon Water District	201.00	39.00	219.99	400.00			75.00						934.99
Miscellaneous Revenues													
Miscellaneous				810.82									810.82
Interest Revenue	417.16						1,619.81						2,036.97
Total Revenues	82,958.77	170,928.25	52,559.27	1,372,887.54	272,673.00	69,082.05	54,540.73	219,090.86	-	-	-	-	\$ 2,294,720.47
EXPENDITURES:													
Budget Based Tiered Rates, Raffetis		59,356.00		7,271.08		1,893.75		637.50					69,158.33
DeLorenzo International		5,050.50											5,050.50
Ecotech	900.00	10,275.00	6,750.00	13,500.00	13,500.00	10,500.00	2,775.00	7,800.00					66,000.00
Golden State Water Company	80.00												80.00
City of Huntington Beach					46,172.00								46,172.00
Laguna Beach CWD	480.00				13,676.40								14,156.40
Metropolitan Water District	29,129.40		118,745.58	70,931.38	26,485.72	27,322.22	236,289.40	134,233.87					643,137.57
Mission RCD		17,627.75	33,812.14	17,041.96		17,525.35	14,817.40	32,507.37					133,331.97
Recycled Water On Site Retrofit program					9,997.00		689.00	4,423.25					15,109.25
Spray to Drip program			1,155.58	525.00	34,530.53	750.00	2,288.57	875.00					40,124.68
Turf Removal	60,861.15	96,782.85	63,442.87	135,566.22	64,427.68	97,458.78	90,965.46	30,416.40					639,921.41
Vu Ho, Inc			500.00										500.00
Western National Property Management	51,300.00												51,300.00
Miscellaneous Expenses													
Invest Expense				292.98									292.98
Salary & Benefit	130.00		3,270.82			2,936.02							6,336.84
Total Expenditures	143,135.55	189,092.10	227,676.99	245,128.62	208,789.33	158,386.12	347,824.83	210,893.39	-	-	-	-	\$ 1,730,926.93
Cash - Ending Balance	\$ (133,020.86)	\$ (151,184.71)	\$ (326,302.43)	\$ 801,456.49	\$ 865,340.16	\$ 776,036.09	\$ 482,751.99	\$ 490,949.46	\$ 490,949.46	\$ 490,949.46	\$ 490,949.46	\$ 490,949.46	

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
COMBINED FINANCIAL STATEMENTS
AND
BUDGET COMPARATIVE
JULY 1, 2017 THRU JANUARY 31, 2018

**Municipal Water District of Orange County
Combined Balance Sheet
As of January 31, 2018**

<u>ASSETS</u>	Amount
Cash in Bank	306,767.36
Investments	15,295,773.08
Accounts Receivable	62,652,222.00
Accounts Receivable - Other	113,042.33
Accrued Interest Receivable	30,720.94
Prepays/Deposits	229,780.30
Leasehold Improvements	3,695,600.68
Furniture, Fixtures & Equipment	457,309.71
Less: Accum Depreciation	(2,794,867.75)
Net OPEB Asset	483,546.00
TOTAL ASSETS	<u>\$80,469,894.65</u>
<u>LIABILITIES AND FUND BALANCES</u>	
Liabilities	
Accounts Payable	63,852,975.08
Accounts Payable - Other	758.47
Accrued Salaries and Benefits Payable	442,118.20
Other Liabilities	110,730.16
Unearned Revenue	1,714,185.93
Total Liabilities	<u>66,120,767.84</u>
Fund Balances	
Restricted Fund Balances	
Water Fund - T2C	977,363.80
Total Restricted Fund Balances	<u>977,363.80</u>
Unrestricted Fund Balances	
OPEB Related Asset Fund	483,546.00
Designated Reserves	
General Operations	3,156,569.42
Grant & Project Cash Flow	1,500,000.00
Election Expense	304,000.00
Building Repair	350,407.45
OPEB	209,006.00
Total Designated Reserves	<u>5,519,982.87</u>
GENERAL FUND	2,406,699.97
WEROC Capital	281,657.00
WEROC	144,717.31
Total Unrestricted Fund Balances	<u>8,836,603.15</u>
Excess Revenue over Expenditures	
Operating Fund	4,884,077.61
Other Funds	(348,917.75)
Total Fund Balance	<u>14,349,126.81</u>
TOTAL LIABILITIES AND FUND BALANCES	<u>\$80,469,894.65</u>

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July 2017 thru January 2018

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>REVENUES</u>						
Retail Connection Charge	0.00	7,435,834.00	7,435,834.00	100.00%	0.00	0.00
Ground Water Customer Charge	0.00	468,565.00	468,565.00	100.00%	0.00	0.00
Water rate revenues	0.00	7,904,399.00	7,904,399.00	100.00%	0.00	0.00
Interest Revenue	21,641.46	167,042.35	150,000.00	111.36%	0.00	(17,042.35)
Subtotal	21,641.46	8,071,441.35	8,054,399.00	100.21%	0.00	(17,042.35)
Choice Programs	644.80	1,094,900.87	1,176,618.00	93.05%	0.00	81,717.13
Miscellaneous Income	0.00	1,969.94	3,000.00	65.66%	0.00	1,030.06
School Contracts	10,941.45	53,466.01	70,000.00	76.38%	0.00	16,533.99
Transfer-In From Reserve	0.00	0.00	138,470.00	0.00%	0.00	138,470.00
Subtotal	11,586.25	1,150,336.82	1,388,088.00	82.87%	0.00	237,751.18
TOTAL REVENUES	33,227.71	9,221,778.17	9,442,487.00	97.66%	0.00	220,708.83

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July 2017 thru January 2018

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>EXPENSES</u>						
Salaries & Wages	286,785.72	1,930,821.24	3,571,210.00	54.07%	0.00	1,640,388.76
Salaries & Wages - Grant Recovery	0.00	(4,699.45)	(23,279.00)	20.19%	0.00	(18,579.55)
Salaries & Wages - Recovery	0.00	(436.80)	0.00	0.00%	0.00	436.80
Directors' Compensation	17,819.40	123,322.45	243,197.00	50.71%	0.00	119,874.55
MWD Representation	10,988.63	70,387.13	138,969.00	50.65%	0.00	68,581.87
Employee Benefits	89,220.02	561,804.20	1,056,766.00	53.16%	0.00	494,961.80
Employee Benefits - Grant Recovery	0.00	(1,117.39)	0.00	0.00%	0.00	1,117.39
Employee Benefits - Recovery	0.00	(83.20)	0.00	0.00%	0.00	83.20
Director's Benefits	8,302.35	49,132.85	81,728.00	60.12%	0.00	32,595.15
Health Ins \$'s for Retirees	5,445.31	30,988.91	59,554.00	52.03%	0.00	28,565.09
Training Expense	1,875.00	2,789.00	10,000.00	27.89%	0.00	7,211.00
Tuition Reimbursement	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Temporary Help Expense	0.00	4,775.18	5,000.00	95.50%	0.00	224.82
Personnel Expenses	420,436.43	2,767,684.12	5,148,145.00	53.76%	0.00	2,380,460.88
Engineering Expense	17,670.88	89,269.15	360,000.00	24.80%	65,924.55	204,806.30
Legal Expense	5,971.27	93,857.93	250,000.00	37.54%	156,142.07	0.00
Audit Expense	0.00	19,000.00	40,000.00	47.50%	0.00	21,000.00
Professional Services	83,669.15	412,259.50	1,539,809.00	26.77%	542,784.83	584,764.67
Professional Fees	107,311.30	614,386.58	2,189,809.00	28.06%	764,851.45	810,570.97
Conference-Staff	1,750.00	11,123.46	38,945.00	28.56%	0.00	27,821.54
Conference-Directors	2,341.00	10,045.00	23,700.00	42.38%	0.00	13,655.00
Travel & Accom.-Staff	1,726.02	22,064.18	95,600.00	23.08%	0.00	73,535.82
Travel & Accom.-Directors	1,627.98	10,702.51	49,850.00	21.47%	0.00	39,147.49
Travel & Conference	7,445.00	53,935.15	208,095.00	25.92%	0.00	154,159.85
Membership/Sponsorship	2,784.00	127,179.35	142,102.00	89.50%	0.00	14,922.65
CDR Support	0.00	21,901.28	48,803.00	44.88%	21,901.29	5,000.43
Dues & Memberships	2,784.00	149,080.63	190,905.00	78.09%	21,901.29	19,923.08
Business Expense	179.23	2,966.68	5,200.00	57.05%	0.00	2,233.32
Maintenance Office	7,163.08	57,903.28	123,500.00	46.89%	64,636.72	960.00
Building Repair & Maintenance	1,274.27	16,628.01	11,000.00	151.16%	13,499.99	(19,128.00)
Storage Rental & Equipment Lease	195.29	1,365.08	8,400.00	16.25%	3,634.92	3,400.00
Office Supplies	2,149.44	11,109.81	35,580.00	31.22%	2,111.28	22,358.91
Postage/Mail Delivery	657.90	5,651.36	10,500.00	53.82%	1,951.11	2,897.53
Subscriptions & Books	0.00	784.90	1,500.00	52.33%	0.00	715.10
Reproduction Expense	312.29	5,261.86	27,275.00	19.29%	1,909.71	20,103.43
Maintenance-Computers	386.40	3,042.73	10,000.00	30.43%	1,324.78	5,632.49
Software Purchase	2,716.43	13,354.18	44,260.00	30.17%	0.00	30,905.82
Software Support	1,424.66	24,902.05	48,894.00	50.93%	0.00	23,991.95
Computers and Equipment	0.00	15,038.74	33,050.00	45.50%	0.00	18,011.26
Automotive Expense	1,407.77	9,871.45	16,400.00	60.19%	0.00	6,528.55
Toll Road Charges	58.64	470.52	1,000.00	47.05%	0.00	529.48
Insurance Expense	9,138.13	63,125.30	110,250.00	57.26%	0.00	47,124.70
Utilities - Telephone	1,501.10	9,666.09	21,300.00	45.38%	0.00	11,633.91
Bank Fees	(194.24)	5,110.95	11,000.00	46.46%	0.00	5,889.05
Miscellaneous Expense	6,519.25	49,586.40	119,650.00	41.44%	0.00	70,063.60
MWDOC's Contrb. To WEROC	14,934.75	386,200.25	460,874.00	83.80%	0.00	74,673.75
Depreciation Expense	794.41	5,560.84	0.00	0.00%	0.00	(5,560.84)
Other Expenses	50,618.80	687,600.48	1,099,633.00	62.53%	89,068.51	322,964.01
MWDOC's Building Expense	0.00	50,876.51	356,400.00	14.28%	30,702.00	274,821.49
Capital Acquisition	400.00	14,137.09	249,500.00	5.67%	0.00	235,362.91
TOTAL EXPENSES	588,995.53	4,337,700.56	9,442,487.00	45.94%	906,523.25	4,198,263.19
NET INCOME (LOSS)	(555,767.82)	4,884,077.61	0.00			

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
Water Fund
From July 2017 thru January 2018

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
<u>WATER REVENUES</u>					
Water Sales	6,418,835.90	146,918,744.50	154,733,881.00	94.95%	7,815,136.50
Readiness to Serve Charge	908,514.76	6,089,029.84	10,397,278.00	58.56%	4,308,248.16
Capacity Charge CCF	321,247.50	2,093,647.50	3,544,800.00	59.06%	1,451,152.50
SCP/SAC Pipeline Surcharge	24,161.55	204,772.52	423,000.00	48.41%	218,227.48
Interest	1,076.17	6,417.48	9,400.00	68.27%	2,982.52
TOTAL WATER REVENUES	7,673,835.88	155,312,611.84	169,108,359.00	91.84%	13,795,747.16
<u>WATER PURCHASES</u>					
Water Sales	6,418,835.90	146,918,744.50	154,733,881.00	94.95%	7,815,136.50
Readiness to Serve Charge	908,514.76	6,089,029.84	10,397,278.00	58.56%	4,308,248.16
Capacity Charge CCF	321,247.50	2,093,647.50	3,544,800.00	59.06%	1,451,152.50
SCP/SAC Pipeline Surcharge	24,161.55	204,772.52	423,000.00	48.41%	218,227.48
TOTAL WATER PURCHASES	7,672,759.71	155,306,194.36	169,098,959.00	91.84%	13,792,764.64
EXCESS OF REVENUE OVER EXPENDITURES	1,076.17	6,417.48	9,400.00		

Municipal Water District of Orange County
WUE Revenues and Expenditures (Actuals vs Budget)
From July 2017 thru January 2018

	Year to Date Actual	Annual Budget	% Used
Spray To Drip Conversion			
Revenues	58,755.74	257,371.00	22.83%
Expenses	59,062.08	257,371.00	22.95%
Excess of Revenues over Expenditures	(306.34)	0.00	
Member Agency Administered Passthru			
Revenues	0.00	7,200.00	0.00%
Expenses	0.00	7,200.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
ULFT Rebate Program			
Revenues	18,254.12	95,000.00	19.21%
Expenses	18,254.12	95,000.00	19.21%
Excess of Revenues over Expenditures	0.00	0.00	
HECW Rebate Program			
Revenues	208,457.85	340,000.00	61.31%
Expenses	208,478.74	340,000.00	61.32%
Excess of Revenues over Expenditures	(20.89)	0.00	
CII Rebate Program			
Revenues	188,870.00	345,000.00	54.74%
Expenses	188,870.00	345,000.00	54.74%
Excess of Revenues over Expenditures	0.00	0.00	
Turf Removal Program			
Revenues	207,648.28	2,552,302.00	8.14%
Expenses	613,596.22	2,552,302.00	24.04%
Excess of Revenues over Expenditures	(405,947.94)	0.00	
Comprehensive Landscape (CLWUE)			
Revenues	42,730.31	520,000.00	8.22%
Expenses	169,922.47	520,000.00	32.68%
Excess of Revenues over Expenditures	(127,192.16)	0.00	
CII, Large Landscape, Performance (OWOW)			
Revenues	0.00	62,722.00	0.00%
Expenses	9,407.00	62,722.00	15.00%
Excess of Revenues over Expenditures	(9,407.00)	0.00	
WUE Projects			
Revenues	724,716.30	4,179,595.00	17.34%
Expenses	1,267,590.63	4,179,595.00	30.33%
Excess of Revenues over Expenditures	(542,874.33)	0.00	
WEROC			
Revenues	569,132.07	640,933.00	88.80%
Expenses	217,259.91	640,933.00	33.90%
Excess of Revenues over Expenditures	351,872.16	0.00	



CONSENT CALENDAR ITEM

March 21, 2018

TO: Board of Directors

FROM: **Planning & Operations Committee**
(Directors Osborne, Tamaribuchi, Yoo Schneider)

Robert Hunter
General Manager

Staff Contact: J. Berg
Director of Water Use Efficiency

SUBJECT: Orange County Qualified Water Efficient Landscaper Training Program

STAFF RECOMMENDATION

Staff recommends the Board of Directors authorize:

1. A one-time payment of \$10,000 to become a Professional Certifying Organization through the Sonoma-Marin Saving Water Partnership, and
2. The General Manager to enter into a professional services agreement with Blue Watchdog Conservation, Inc. in an amount not to exceed \$40,000 for program coordination and classroom instruction.

COMMITTEE RECOMMENDATION

Committee concurred with staff recommendation.

SUMMARY

Landscape water use accounts for approximately 50 percent of the total Municipal and Industrial (M&I) water use in Orange County. Based on total M&I water use in Fiscal Year 2016-17 (468,000 acre feet), landscape water use is estimated to be 234,000 acre feet. A conservative estimate of the water savings potential in the landscape is 25 percent or 58,500 acre feet per year.

The Municipal Water District of Orange County (MWD OC) began offering a variety of landscape rebates starting in 2004 with smart irrigation timers to promote irrigation scheduling efficiency. This water savings opportunity was pioneered in Orange County and has resulted in quantifiable and reliable savings over time. Since then, MWD OC expanded

Budgeted (Y/N): Y	Budgeted amount: \$50,000	Core: X	Choice:
Action item amount: \$50,000		Line item: 35-7040	
Fiscal Impact (explain if unbudgeted): The costs to implement OC-QWEL is budgeted in the amount of \$50,000. In addition, it is estimated that approximately 500 hours of staff time will be invested per year to administer this program.			

the opportunities to include low-volume sprinkler nozzles (2007), turf grass removal (2010), spray-to-drip conversions (2014), and regulations such as landscape ordinances. These efforts focus on residential, commercial, and public agency landscapes. Annual water savings from these activities are currently 13,800 acre feet per year.

In FY 16-17, staff convened a Project Advisory Committee (PAC) of member agencies to review existing landscape water use efficiency programs and evaluate new or missing program opportunities. PAC participants included staff from Laguna Beach County Water District, Mesa Water District, Moulton Niguel Water District, MWDOC, County of Orange Storm Water, City of San Clemente, Santa Margarita Water District, and Yorba Linda Water District. The PAC agreed that a comprehensive and prolonged approach is needed to achieve and maintain long-term landscape water savings and that the current portfolio of incentive programs was meeting a broad range of consumer needs. **The PAC identified landscape maintenance contractor training as a missing, yet very important, opportunity.** A single commercial landscape maintenance contractor manages dozens of properties containing hundreds to thousands of acres of urban landscapes.

The PAC then focused on evaluating a variety of options for commercial landscape maintenance contractor training. Over the course of four months, the PAC evaluated a variety of well-established and broadly implemented education programs specifically targeting commercial landscape maintenance contractors. The education programs evaluated are summarized in Exhibit A.

The PAC concluded that the Qualified Water Efficient Landscaper Training (QWEL) provided the best long-term fit for Orange County. The primary reasons the PAC made this training program selection is that QWEL:

- ✓ Provides a “Certification” for individuals who successfully complete the program
- ✓ Is well established and recognized by EPA as a Water Sense Program
- ✓ Was developed within the water industry and periodically undergoes curriculum refinements
- ✓ Allows water agencies to promote QWEL Certified contractors
- ✓ Requires continuing education to maintain certification

Based on a review of our landscape focused programs and requests from member agencies to implement a more comprehensive portfolio of landscape water saving activities, staff budgeted funding this fiscal year to begin a commercial landscape maintenance contractor training program.

DETAILED REPORT

QWEL Program Background

The QWEL program was developed in 2007 by Sonoma County Water Agency (Sonoma CWA) in partnership with the North Coast Chapter of California Landscape Contractors Association, landscape maintenance contractors, water retailers, and academia as a locally focused training program. The QWEL Program is a U.S. Environmental Protection Agency (EPA) WaterSense certified program. The Sonoma CWA serves as the parent Professional Certifying Organization (PCO). The QWEL Program website is www.qwel.net. This website contains program curriculum, training calendar, certified contractor search engine, continuing education opportunities, etc. Due to its local

success with several hundred graduates in its first couple of years, the Sonoma CWA expanded the QWEL program to allow for implementation throughout California and the nation in a campaign to improve landscape water management around the country. QWEL is now being implemented in over 20 locations throughout the western states.

The QWEL training program focuses on landscape professionals such as landscape maintenance contractors, city and school district maintenance staff, gardeners, landscape architects, landscape designers, and building maintenance managers. The QWEL curriculum includes 12 classes, as defined in Table I.

Table I				
Qualified Water Efficient Landscaper Training				
Class Matrix				
Day	Class		Time/Length (Hrs.)	Instructor
1	1a	Where Our Water Comes From	1.5	Water Agency Staff
	1b	Sustainable Landscaping	1.0	Consultant(s)
2	2a	Soils	2.0	Consultant(s)
	2b	Landscape Water	2.0	Consultant(s)
3	3a	Irrigation Systems	2.0	Consultant(s)
	3b	Irrigation Maintenance & Troubleshooting	1.0	Consultant(s)
4	4a	Irrigation System Auditing	2.0	Consultant(s)
	4b	Field Audit	2.0	Consultant(s)
5	5a	Irrigation Scheduling	1.5	Consultant(s)
	5b	Irrigation Controllers	1.5	Consultant(s)
6	6a	Putting it All Together	1.5	Water Agency Staff
	6b	Final Exam	3.0	Water Agency Staff
		Total Hours	21.0	

Implementation of QWEL in Orange County

The PAC considered a variety of QWEL implementation approaches for Orange County. Approaches ranged from a full turn-key program administered entirely by consultants to a program fully implemented by water agency staff. Ultimately, the PAC concluded that a combination of water agency staff and consultants was the best initial approach. MWDOC and member agency staff will provide the overall administration and coordination of QWEL, along with instruction of three training classes. A consultant would be hired to provide instruction of the other nine classes. The consultant would also be available for some logistics such as coordination of meeting rooms, setup and takedown, marketing, and curriculum development. The proposed approach for implementation includes the following, but may be modified as the program is refined over time:

- ✓ MWDOC to become the Professional Certifying Organization for Orange County responsible for the overall administration
- ✓ Member agencies will host classes and market the QWEL program to their customers

- ✓ Two classes will be taught per day
- ✓ All twelve classes would be taught over a series of six days (e.g., six consecutive Tuesdays)
- ✓ A combination of instructors from water agencies (three classes) and consultants who are subject matter experts (9 classes) will teach the classes
- ✓ Three to four 12-class series will be hosted per year

QWEL Professional Certifying Organization

In order to become a QWEL Professional Certifying Organization for Orange County, MWDOC is required to submit an application to the Sonoma-Marín Saving Water Partnership (Partnership). The application documents the eligibility requirements of the EPA WaterSense Professional Certification Program Labeling System. The Partnership requires a one-time onboarding fee for wholesale water agencies of \$10,000 to cover the administrative cost of establishing a new PCO. Administrative costs include:

- ✓ Establishment of new PCO on the QWEL website and associated certified contractor management system
- ✓ Access to QWEL teaching materials
- ✓ Access to QWEL marketing materials
- ✓ Access to QWEL program management software
- ✓ Instruction and training on the use of the program management software

Annually, a licensing fee will also be paid to the Partnership. This fee is tiered based on the number of certified professionals at the end of each year. The licensing fee ranges from \$500 to \$5,000 for 100 to 5,000 certified professionals respectively. The annual licensing fee covers ongoing costs associated with the QWEL program, such as continued development of program materials and software licensing fees.

Request for Proposals Process for Class Instructors

Staff composed and distributed a Request for Proposals (RFP) outlining the desired class instruction services and schedule for implementation of the QWEL in Orange County. On January 15, 2018, the RFP was distributed to more than 15 subject matter experts thought to be capable of providing the class instruction services. On January 24, 2018, staff held a Pre-Bid meeting to review the RFP with potential respondents and give them an opportunity to ask questions of clarification regarding the desired class instruction to be performed. Two organizations attended this meeting. The RFP required proposals to be submitted to MWDOC on February 1, 2018. Two consulting firms submitted proposals: Blue Watchdog Conservation Inc. (BWC), based in Cardiff, CA, and Green Media Creations, based in Burbank, CA.

Staff convened the PAC again to evaluate and score proposals and recommend a consulting firm for MWDOC Board Consideration. In addition to MWDOC staff, the review panel included representatives from Mesa Water District, City of San Clemente, and Santa Margarita Water District. The review panel found both firms to be qualified to perform the QWEL class instruction. However, the review panel felt that BWC was more qualified because BWC:

- ✓ Has QWEL Certified Instructors
- ✓ Have been providing QWEL training services in San Diego for the past two years
- ✓ Can provide class instruction in both English and Spanish
- ✓ Demonstrated a better understanding of the approach and scope of work in their proposal,
- ✓ Also provides Water Budgeting, Cooling Tower, Water Balance, Water Use Intensity, and Return on Investment services, and
- ✓ Offered a significantly lower hourly rate for professional services

Staff budgeted \$50,000 for commercial landscape maintenance contractor training in Fiscal year 2017-18. Staff recommends the Board of Directors authorize:

1. A one-time payment of \$10,000 to become a Professional Certifying Organization through the Sonoma-Marín Saving Water Partnership, and
2. The General Manager to enter into a professional services agreement with Blue Watchdog Conservation, Inc. in an amount not to exceed \$40,000 for program coordination and classroom instruction.

The BWC professional services agreement will be time and materials based. Staff projects that approximately 90 classes or 10 series of classes will be taught over the next two years. Fifteen to 30 participants are targeted for each class.

Exhibit A

Summary of Commercial Landscape Maintenance Contractor Training Programs Evaluated by the Project Advisory Committee
Qualified Water Efficient Landscaper
<p>QWEL provides graduates with knowledge in water efficient and sustainable landscape practices, including water management and preservation of other valuable resources. QWEL is recognized as a <u>WaterSense</u> labeled Professional Certification Program for Irrigation System Audits. Upon successful completion, graduates will be listed as a Certified Professional on the WaterSense website. Since 2007, the QWEL program has been adopted by over 20 Professional Certifying Organizations (PCOs) throughout the US. The QWEL professional certification contains 12 classes, with 21 total hours of education on principles of proper plant selection for the local climate, irrigation system design and maintenance, irrigation system programming and operation, and sustainable landscaping. In order to obtain the QWEL certification, an individual must demonstrate their ability to perform an irrigation system audit as well as pass the QWEL exam. In order to keep the QWEL Professional Certification current, professionals need to submit two (2) hours of continuing education units (CEUs) each calendar year.</p>
Watershed Wise Landscape Professional Certification
<p>Green Gardens Group's (G3) US EPA WaterSense recognized Watershed Wise Landscape Professional Certification (WWLP) qualifies conservation, water quality, and landscape professionals to evaluate irrigation systems and factor rainwater use efficiency into outdoor water efficiency analysis. The WWLP workshop is a 2 day (16 hour) course that provides its participants with a deeper understanding of the plant/soil/water relationship, plant water requirements, landscape water budgeting, irrigation management, and using rainwater as a resource to reduce landscape water and resource use, regardless of the climate in which the landscape is situated. An irrigation audit, Certification Exam, Whole Landscape Site Evaluation, and annual Continuing Education Units (CEUs) are all requirements of the WWLP Certification.</p>
Certified Landscape Irrigation Auditor
<p>The Irrigation Association's Certified Landscape Irrigation Auditor (CLIA) is a US EPA WaterSense recognized Certification that gives landscape professionals a competitive edge. Becoming a CLIA certified professional improves credibility with customers and employers, increases job opportunities, and demonstrates commitment to efficient water management. CLIA professionals quantify and analyze landscape irrigation water use, collect site data, make maintenance recommendations and perform minor repairs, perform field measurements and observations, determine irrigation uniformity and efficiency, develop a basic irrigation schedule, and work with a water manager or property owner to manage overall irrigation water use. In order to obtain the CLIA certification, an individual must register for the exam, pass the irrigation auditor exam, submit a landscape irrigation audit, and remain in good standing by submitting 20 continuing education units (CEUs) per two-year cycle.</p>

Water Management Certification Program

The California Landscape Contractors Association's (CLCA) Water Management Certification Program was established in 2007 and helps the green industry reduce landscape water usage by certifying individuals through performance-based water budgeting. This unique program carries the WaterSense label from the U.S. Environmental Protection Agency. Attendance at the one-day workshop and completion of the irrigation audit introduction, passing the written test, and successful completion of the Performance Program or management of at least one landscape site for a rolling 12 months are the requirements to becoming a Certified Water Manager (CWM).

Bilingual Training Institute

Bilingual Training Institute's (BTI) training focuses on Irrigation System Troubleshooting and Water Management. Attendees will learn how each component of the irrigation system functions and the appropriate operating conditions for optimum performance. This is the foundation that will enable the attendees to follow a method of elimination to effectively troubleshoot and repair the various components of the irrigation system in an orderly and timely manner. Instructors will ensure a thorough understanding of the operation of the specific equipment discussed, such as friction loss charts, performance charts, irrigation valves (both forward-flow and reverse-flow valves), electrical wires, waterproof splices, volt-ohm meters, controllers, sprinklers, pressure gauges, etc.

Attendees will also be taught the importance of managing the irrigation in a sustainable manner to promote a thriving soil environment that will contribute to plant health and appearance. A thorough understanding of water management principles and the soil moisture depletion method will ensure the health of the landscape environment and will minimize pests, diseases, water waste, and the contamination of both ground and surface water.



CONSENT CALENDAR ITEM

March 21, 2018

TO: Board of Directors

FROM: **Planning & Operations Committee**
(Directors Osborne, Tamaribuchi, Yoo Schneider)

Robert Hunter, General Manager

Staff Contact: Damon Micalizzi

SUBJECT: SOUTHERN CALIFORNIA WATER COALITION WATERFIX OUTREACH – PHASE 2

STAFF RECOMMENDATION

Staff recommends the Board of Directors: Consider authorizing funding for the Southern California Water Coalition for the second phase of California WaterFix Outreach.

COMMITTEE RECOMMENDATION

Committee recommends the Board authorize a bridge funding contribution to the Southern California Water Coalition WaterFix Outreach-Phase 2 of \$10,000 to help cover costs over the next several months during fiscal year 2017-18, and include an additional \$30,000 in funding towards future WaterFix outreach in the 2018-19 budget.

SUMMARY

Charley Wilson, Executive Director of the Southern California Water Coalition (SCWC) will provide a presentation on past and upcoming activities related to the Coalition's efforts promoting the California WaterFix. He will discuss the progress the SCWC has made to date, and plans and funding for the second phase of outreach.

The SCWC was established in 1984 to advocate for a permanent solution for the San Joaquin-Sacramento Delta. SCWC is a nonprofit, nonpartisan public education organization dedicated to informing Southern Californians about the region's water needs and the state's water resources. The agency has membership and reach in Los Angeles, Orange, San Diego, San Bernardino, Riverside, Ventura, Kern and Imperial counties. SCWC's 200 member organizations include leaders from business, regional and local government, agricultural groups, labor unions, environmental organizations, water agencies, and the general public. Staff recommends the Board consider participating in the SCWC's second phase of California WaterFix outreach and advise staff regarding budget or expenditure. MWD OC provided \$30,000 towards the Phase 1 effort.

Budgeted (Y/N): No	Budgeted amount:	Core <u> X </u>	Choice <u> </u>
Action item amount: \$10,000*		Line item:	
Fiscal Impact (explain if unbudgeted: \$10,000 will be funded from the 2017-18 fiscal year; the additional \$30,000 will be referred to the budget process for 2018-19.			



CONSENT CALENDAR ITEM

March 21, 2018

TO: Administration and Finance Committee
(Directors Thomas, Dick and Finnegan)

FROM: Robert Hunter, General Manager

Staff Contact: Joe Berg
Heather Baez
Melissa Baum-Haley

SUBJECT: GRANT TRACKING AND ACQUISITION SERVICES

STAFF RECOMMENDATION

Staff recommends the Board of Directors authorize the General Manager to:

- Enter into a 3-year professional services contract with Soto Resources to provide grant tracking, writing (upon request) and acquisition. The award would be not to exceed \$20,000 in fiscal year 2017-2018, and not to exceed \$36,000 in fiscal year 2018-2019, and not to exceed \$36,000 in fiscal year 2019-2020.
- Total authorization of this contract is \$92,000 over three years.

COMMITTEE RECOMMENDATION

At the March 14, 2018 Administration & Finance Committee, the Committee recommended the Board approve the staff recommendation.

At the February 14 Administration and Finance (A&F) Committee Meeting, the committee voted unanimously to approve the staff recommendation to authorize the General Manager to enter into a contract with Soto Resources for grant tracking and acquisition services. At the February 21 Board Meeting, the Board President asked for the item to be returned to the A&F Committee for further discussion.

The following provides additional information for Board consideration:

Budgeted (Y/N): Y	Budgeted amount: \$20,000	Core X	Choice __
Action item amount: None	Line item: 31-7040		
Fiscal Impact (explain if unbudgeted): Tasks 1 and 2 will be completed this fiscal year with limited work under Task 3, total not to exceed \$20,000. Future years' recommended at \$36,000 per year.			

To effectively provide grant acquisition assistance to MWDOC and its member agencies, the proposals were evaluated for specific knowledge of water management or water supply development grant funding opportunities, for which wholesale and retail water agencies are eligible. Potential projects needing grant assessment include, but are not limited to, implementation of indirect potable reuse, recycling, conservation, integrated regional water management plans, water quality, and other water supply reliability strategies.

The following proposal evaluation considered grant awards since 2004 (see Table 1 on the next page), with the successful water supply reliability and water management related grants totaled.

California Consulting LLC has written 845 grants, and has been awarded \$206 million, with \$6 million (3%) in the arena of water management. They employ 31 staff members statewide, with offices in El Segundo, Fresno, and Sacramento.

Landstedt Consulting has written 63 grants, and has been awarded \$53 million, with \$39 million (73%) in the arena of water management. Ms. Landstedt employs 4-5 staff members as needed. She is based in Tennessee.

Ms. Soto of Soto Resources has written 38 grants, and has been awarded \$89 million, with \$82 million (92%) in the arena of water management. All 38 grants written by Soto Resources are for Southern California cities and water agencies. Soto Resources employs 4-5 staff members as needed and is locally based in Orange County.

Table 1
Grant Acquisition Assistance
Summary of Past Funding Opportunities

Funding Source	Funding Opportunity	California Consulting	Landstedt Consulting	Soto Resources
California Department of Water Resources	Proposition 1, Storm Water Grant Program	\$3,099,400		
	Proposition 1, Water Quality, Supply/Infrastructure	\$1,692,575		\$3,008,647
	Proposition 50, Clean Drinking Water/Coastal			\$2,100,000
	Proposition 13, Watershed Protection			\$5,650,000
	Proposition 13, Groundwater Storage Construction			\$13,588,000
	Proposition 84, Water Quality and Supply, Flood		\$618,716	\$500,000
	Proposition 84, Drought Grant		\$1,103,110	
	Integrated Regional Water Management (IRWM)		\$29,975,213	\$37,906,784
	Agricultural Water Use Efficiency		\$112,719	
	Water Energy Grant Program	\$218,594		\$1,396,500
California Department of Food and Agriculture	Water Desalination Grant Program			\$10,000,000
	Specialty Crop Block Grant		\$81,149	
California Department of Health Services	Proposition 50, UV and Ozone Treatment		\$4,214,740	
California State Parks	Habitat Conservation Fund Grant	\$104,500		
	Proposition 40, California Clean Water/Parks			\$125,000
Delta Conservancy	Proposition 1, Water Quality, Supply/Infrastructure			\$65,000
U.S. National Park Service	Land Water Conservation Fund	\$413,515		
U.S. Department of Ag.	Special Program Allocation		\$670,000	
U.S. Bureau of Reclamation	Title XVI, Water Reclamation and Reuse Program			\$725,000
	WaterSMART: Water and Energy Efficiency	\$75,000	\$175,000	\$1,700,000
	Agricultural Water Conservation and Efficiency		\$1,174,355	
	CALFED Drinking Water Quality Program			\$4,198,000
	CALFED Water Use Efficiency Grant		\$300,000	\$749,960
	Water Conservation Field Services Program		\$109,081	
Total		\$5,603,584	\$38,534,083	\$81,712,891

BACKGROUND

In 2017, the MWDOC Board received a suggestion from Chuck Gibson, Director at Santa Margarita Water for MWDOC to work collaboratively with its member agencies, as the lead agency in providing a firm with expertise in the area of obtaining grants and low-interest loans. Such grants/loans can include programs available as part of the Water Infrastructure Improvements for the Nation (WIIN) which passed on December 5, 2016.

Within WIIN there are several new opportunities for agencies looking to obtain federal funds for local and regional infrastructure projects specifically:

- Water Resources Development Act (WRDA) of 2016 (Title I)
- Water and Waste Act of 2016 (Title II)
- Natural Resources (Title III)
- Water Infrastructure Finance and Innovation Act (WIFIA, Title IV)

In an effort to secure such funding, the Board directed staff to explore the annual costs of hiring an outside consultant/firm that specializes in grant funding and include \$20,000 in the FY 17/18 budget to commence this suggested service. After evaluating qualified firms, staff recommends the selection of Soto Resources with a service contract totaling \$92,000 over three years.

DETAILED REPORT

Firm Selection

To evaluate grant acquisition assistance service costs and identify qualified firms, staff solicited three competitive proposals from the following well-known and highly qualified grant administration and writing firms:

- California Consulting, LLC
- Landstedt Consulting
- Soto Resources

Pursuant to section 8000, Exhibit A of the MWDOC Administrative Code, contracts ranging from \$3,001-\$25,000 require competitive proposals for professional services contracts. The three proposals were reviewed by Heather Baez, Melissa Baum-Haley, Joe Berg and Rob Hunter. (See Table 2)

The criteria used when reviewing the proposals followed section 8002, Exhibit A of the contracts manual:

- Specialized experience and technical competence of the consultant and its personnel considering the type of services required and the complexity of the project.
- The consultant's familiarity with types of problems applicable to the project.
- Past record of performance on projects with MWDOC, other governmental agencies or public bodies and with private industry, including such factors as control of costs, quality of work and ability to meet schedules.

- The consultant's capacity to perform the work (including any specialized services) within the time limitations and with proposed staff, considering the firm's current and planned workload.
- The consultant's level of financial responsibility.
- The consultant's documentation of no personal or organizational conflicts of interest prohibited under State or local law.
- Types of guarantees or warranties offered by the consultant.
- Estimate of the range of proposed services and costs.

Table 2
Grant Acquisition Assistance
Summary of Proposals - Costs of Service

Billing Structure	Core	Core	Core	Choice
	Task 1: Kick-off Mtg., Initial Projects List and Prioritization	Task 2: Grant Research and Funding Opportunities Report	Task 3: Monthly Grant Tracking, Reporting and Notification of Opportunities	Task 4: Grant Writing
California Consulting LLC	\$2,375	\$6,660	\$2,850 / month	\$95 / Hour
Landstedt Consulting	\$13,200		\$3,000 / month	\$12,000 to \$22,000
Soto Resources	\$3,000	\$9,000	\$3,000 / month	\$5,000 to \$20,000

While, all three firms are highly qualified, and each firm's proposed scope and services was very similar. Based on the comprehensive criteria, the unanimous choice was Soto Resources.

Grant Acquisition Assistance

Scope of Work

Task 1: Project Initiation (Kick-Off Meeting) - Core

- Verify team members and points of contact.
- Confirm project approach and process, includes establishing communication plan, schedule and other necessary items.
- Obtain information pertaining to MWDOC and its member agencies' grant needs.
- Identify potential funding opportunities for water projects. (Note: Only funding for water projects will be discussed.)

Task 2: Grant Research and Preliminary Report - Core

Research will be conducted to identify potential funding opportunities and to provide key information for planning upcoming opportunities, including funding program name and agency, key dates/deadlines, funding type (grant, loan or incentive), project eligibility requirements, funding available, and cost share required.

Task 3: Ongoing Grant Reporting, Go/No Go Evaluation, and Coordination - Core

Monitor local, state and federal grant funding and low-interest loan opportunities included in the Preliminary Grant Research Report and research new funding opportunities as they are identified.

Reporting

Ongoing reporting of funding opportunities will be accomplished via a two-pronged approach, as follows:

- Monthly (or periodic) reporting in a matrix format – A document summarizing the current and upcoming funding opportunities will be electronically provided to MWDOC. Key information will include: Funding Program name, Total Funding available, Maximum grant request, Cost share requirement, Project Eligibility, Project Completion date, and Grant Deadline.
- Funding Alert (as-needed basis)– When a funding opportunity is released with a short-term grant application due date, a high priority email summarizing the funding details (Funding Program name, Total Funding available, Maximum grant request, Cost share requirement, Project Eligibility, Project Completion date, and Grant Deadline) will be sent to MWDOC. MWDOC (or member agency) will be requested to respond within a few days if/with a Project for consideration.

Member Agency Outreach and Project Identification

Ongoing coordination and outreach to assist member agencies with funding program understanding. Member agencies would review the Preliminary Report and periodic funding updates, identify projects they believe are eligible, and ask for a Go/No-Go Evaluation.

Go/No-Go Evaluation

When requested by MWDOC or a member agency, advice on whether or not to proceed with a grant proposal. Review grant funding guidelines (state grants), proposal solicitation

package (state grants), or funding opportunity announcement (federal grants) against assessment criteria. In addition, contact the funding agency to discuss the assessment criteria.

A go/no-go decision would be made based on the following assessment criteria:

- Project eligibility: *Does the project meet what the agency is looking to fund?*
- Maximum funding award amount: *Is the potential grant award a large enough portion of the overall project budget to be worthwhile?*
- Timeframe for completing the project: *Can the project realistically be completed by the deadline?*
- Cost/level of effort to prepare the grant proposal: *Is the potential grant amount worth the cost of preparing an application?*
- Proposal due date: *Do we have the required project information to complete the application in time?*
- Competitiveness: *How many grant awards are anticipated for the specified region?*

Upon a “go” decision to submit a funding application, this will be performed under separate contract as discussed under Task 4.

Coordination with Lobbyists and Attendance at Funding Workshops

A key component of securing grants and loans is coordination with lobbyists on upcoming funding legislation. The contractor will work closely with MWDOC and/or its member agencies’ lobbyists to strategize funding opportunities for priority projects throughout service areas. In addition, attendance at Funding Agency public workshops is critical for establishing a solid relationship with funding program managers. As needed, the contractor will attend funding workshops to connect with funding program key personnel, discuss and promote project concepts, as well as obtain insight on funding priorities.

Attend meetings for grant related efforts including, but not limited to, Board Meetings, Committee Meetings, or other District events as requested.

Task 4: Grant/Funding Application Preparation and Submission - Choice

Full Application Preparation and Submission

When a decision is made to pursue a funding opportunity (as discussed in Task 3 above), the contractor will provide a proposal for MWDOC or its member agency to prepare and submit a grant (or loan) application. This includes review/ranking/evaluation criteria that are often included in the grant guidelines/solicitation/announcement and focus on the highest-weighted (most points) components of the grant. The work plan (scope), budget, and schedule will be reviewed to ensure these elements coincide with each other, as these components are the backbone of any project grant application.

Any work done by the contractor in Task 4 would be the expense of the agency applying for the grant as a choice function.

STAFF RECOMMENDATION

Staff proposes the selection of Soto Resources to commence work on Task 1 and Task 2 for fiscal year 2017/2018. Work on Task 3 would begin after Task 1 and Task 2 are completed, with total fiscal year expenditures not to exceed \$20,000 as budgeted. In addition, staff recommends Task 3 continue to be implemented during fiscal years 2018/2019 and 2019/2020 for a total not to exceed \$36,000 per fiscal year. An evaluation of program utilization will be completed during fiscal year 2019/2020. All work under Task 3 is covered under a \$3,000/month retainer fee (\$36,000/year). The contract will include a termination provision with 30 days' notice in the event the program is determined not to be of sufficient value.

MWDOC staff's recommendation is that member agencies who choose to access the contractor for Task 4 would pay for this using the Choice Program Framework.



CONSENT CALENDAR ITEM

March 21, 2018

TO: Board of Directors

FROM: **Administration & Finance Committee**
(Directors Thomas, Dick, Finnegan)

Robert J. Hunter, General Manager

SUBJECT: **ATTENDANCE AT THE NATIONAL WATER RESOURCES ASSOCIATION (NWRA) FEDERAL WATER ISSUES CONFERENCE, APRIL 9-11, 2018, WASHINGTON, DC**

STAFF RECOMMENDATION

It is recommended that the Board of Directors: Authorize attendance at the NWRA Federal Water Issues Conference to be held April 9-11, 2018 in Washington, DC.

COMMITTEE RECOMMENDATION

Committee concurred with staff recommendation.

REPORT

The National Water Resources Association (NWRA) will hold its Federal Water Issues conference in Washington, DC April 9-11, 2018 at the Embassy Suites Conference Center. Opportunities to learn and provide input on key issues will be available, as well as opportunities to meet with congressional and agency leaders on important water legislative and regulatory policies; attached please find a draft conference agenda.

Director Barbre has expressed interest in attending. This conference was not included in the 2017-18 budget, but will be included in the 2018-19 budget. Note the following approximate costs for one attendee:

Registration: \$600
Hotel: \$1600
Air: \$700

Budgeted (Y/N): No	Budgeted amount: NA	Core ____	Choice ____
Action item amount: \$3000	Line item:		
Fiscal Impact (explain if unbudgeted):			

National Water Resources Association

2018 Federal Water Issues Conference

DRAFT

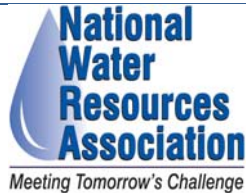
1-23-18



April 9 - 11, 2018

Infrastructure and Investment in the 115th Congress

Embassy Suites Convention Center
Washington, DC

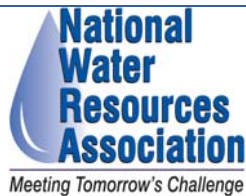


2018 Federal Water Issues Conference

Infrastructure and Investment in the 115th Congress

Sunday, April 8, 2018

5:00 – 7:00 pm	Water Strategies Hill Office 4 E Street SE	Reception
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2018 Federal Water Issues Conference

Infrastructure and Investment in the 115th Congress

Monday, April 9, 2018

6:30 – 8:45 am	Embassy Suites Breakfast Area	Breakfast NWRA members can fuel up for a day of action and advocacy on their own in the Embassy Suites breakfast area. The cooked-to-order breakfast is included at no charge for attendees staying at the Embassy Suites.
7:30 – 11:00 am	Capital A	Registration
8:30 am	Capital A	Coffee and Conference Welcome
9:00 am	Capital A	Keynote Speaker: Commissioner Brenda Burman (invited) <i>Hosted by the Irrigation Caucus</i>
10:00 am	Capital A	General Session <i>Moderator – Christine Arbogast, Chair, Federal Affairs Committee</i> Water Policy in the 115th Congress NWRA task force chairs and members will discuss NWRA's 2017 priorities with an emphasis on driving positive policy change in the 115 th Congress. Items covered will include water supply, infrastructure funding, regulatory reform, and specific legislative proposals.
11:30 am	Capital A	Networking Break
11:30 – 4:00 pm		Congressional and Federal Agency Visits
12:00 pm	Embassy Suites K Street Atrium	State Executives Council Luncheon
2:00 pm	Capital A	Women of Water Forum
4:00 pm	Capital A	Farm Bill Roundtable
5:00 – 6:30 pm	Embassy Suites	Embassy Suites Manager's Reception Join NWRA members in the upstairs Embassy Suites reception area for an evening reception with complimentary appetizers and beverages for those who are registered guests of the Embassy Suites.

2018 Federal Water Issues Conference

Infrastructure and Investment in the 115th Congress

Tuesday, April 10, 2018

6:30 – 8:45 am	Embassy Suites Breakfast Area	Breakfast NWRA members can fuel up for a day of action and advocacy on their own in the Embassy Suites breakfast area. The cooked-to-order breakfast is included at no charge for attendees staying at the Embassy Suites.
7:30 – 11:00 am	Capital A	Registration
8:00 am	Capital A	Keynote Speaker: Lieutenant General Todd Semonite, U.S. Army Corps of Engineers (invited) <i>Hosted by the Municipal Caucus</i>
9:00 am	Capital A	General Session: WRDA Panel
10:30 am	Capital A	Networking Break
11:00 – 4:00 pm		Congressional and Federal Agency Visits
4:00 pm		NWRA Federal Affairs Roundtable The Federal Affairs Committee will discuss NWRA's priority issues with key congressional committee staff members. All NWRA registered attendees are invited to participate in this important dialogue.
5:30 – 7:30 pm		NWRA Congressional Reception NWRA members can enjoy refreshments while networking with fellow NWRA members, congressional staff, and members of congress.

Wednesday, April 11, 2018

6:30 – 8:00 am	Embassy Suites Breakfast Area	Breakfast NWRA members can fuel up for a day of action and advocacy on their own in the Embassy Suites breakfast area. The cooked-to-order breakfast is included at no charge for attendees staying at the Embassy Suites.
8:00 am	Capital A	Coffee <i>Moderator – Christine Arbogast, Chair, Federal Affairs Committee</i> Federal Issue Recap Led by the Federal Affairs Committee, NWRA members will recap some of the issues that arose during federal agency visits. Next steps for priority issues will be discussed.
9:00 am	Capital A	Keynote Speaker: Senator John Barrasso, Chairman of the Senate Environment and Public Works Committee (invited)
9:45 am	Capital A	Networking Break
10:00 am – 5:00 pm		Congressional and Federal Agency Visits
10:00 am	Capital C	NWRA Board of Directors Meeting
5:00 – 7:00 pm	4 E Street SE Washington, DC 20003	All-American Cookout Join your fellow NWRA members for an All-American cookout. We will have beer, burgers, dogs and even apple pie!



CONSENT CALENDAR ITEM

March 21, 2018

TO: Administration and Finance Committee
(Directors Thomas, Dick and Finnegan)

FROM: Robert Hunter, General Manager

Staff Contact: Heather Baez

SUBJECT: Association of California Water Agencies (ACWA) – “NO DRINKING WATER TAX” EDUCATION AND OUTREACH CAMPAIGN

STAFF RECOMMENDATION

Staff recommends the Board of Directors consider authorizing \$5,000 (or other amount determined by the Board) to contribute to ACWA’s statewide outreach campaign.

COMMITTEE RECOMMENDATION

Committee recommended the Board approve a \$5,000 contribution to ACWA’s statewide outreach campaign.

BACKGROUND

In 2007, MWD OC contributed to the Association of California Water Agencies’ (ACWA) public education program called, “California’s Water: A Crisis We Can’t Ignore.” Through that effort, ACWA raised more than \$6.6 million to fund a statewide campaign to raise awareness and concern among the public regarding the state’s water crisis. The outreach effort included polling, paid advertising, education materials, a dedicated website, and more.

Upon conclusion of the campaign, there was a balance of unexpended funds in the amount of \$106,000. At the time, contributing agencies determined that ACWA should keep the remaining funds in reserve, dedicated to the purpose of funding a future major statewide

Budgeted (Y/N): N	Budgeted amount: \$0	Core X	Choice ____
Action item amount: \$5,000	Line item:		
Fiscal Impact (explain if unbudgeted): Although this has not been specifically budgeted for FY 2017-2018, there are sufficient funds in the Government Affairs miscellaneous account to cover this appropriation.			

public education and research effort. ACWA staff believes that now is the time to use this reserve.

On January 3, the ACWA Board approved use of the funds for research and education related to the proposal to place a tax on drinking water. Last year, Senator Monning introduced SB 623 – the first ever proposed tax on drinking water to finance solutions to provide safe drinking water to disadvantaged communities. On June 21, 2017 the MWDOC Board voted to oppose SB 623 (Monning) should the bill be amended to add water tax language. On August 21, 2017, the bill was amended with such language, and MWDOC moved to a full oppose position and began aggressively opposing the bill.

The issue has returned this year and the governor's recently released budget incorporates the concept of a drinking water tax, making the prospect of SB 623 reappearing as a budget trailer bill this year highly probable.

REPORT

On February 20, ACWA sent out a request for contributions from its members to fund the “No Drinking Water Tax Education and Outreach Campaign.” ACWA is launching this fundraising effort to secure an outside public affairs firm to help develop a more strategic external affairs campaign and assist with coalition building outside the water industry. Specifically, they will help update ACWA's tool kit, write and coordinate placement of op-eds throughout the state, assist with media relations, develop a digital and social media advertising campaign targeted to key legislative districts and develop a new website, among other tasks. Public agency contributions will also be used on direct lobbying of legislators and educational components of this campaign

ACWA's goal is to raise \$300,000 in voluntary contributions to potentially sustain the campaign through the summer. Based on the size of our agency (operating budget), they are recommending a contribution of at least \$5,000.

To date, ACWA has received financial commitments from the following agencies:

Bella Vista Water District
 East Orange County Water District
 Eastern Municipal Water District
 Humboldt Bay Municipal Water District
 Indian Wells Valley Water District
 Las Virgenes Municipal Water District
 Mesa Water District
 Orange County Water District
 Western Municipal Water District

Fighting the tax on drinking water is one of the most important efforts undertaken by ACWA and its member agencies in recent years. The potential negative consequences of this proposed tax and the dangerous precedent that it could set will have long lasting, and possibly irreversible affects.



ACTION ITEM

March 21, 2018

TO: Board of Directors

FROM: Brett R. Barbre, President

SUBJECT: APPOINTMENT TO THE SANTIAGO AQUEDUCT COMMISSION

PRESIDENT'S RECOMMENDATION

It is recommended that the Board of Directors: Adopt resolution approving the appointment of Jeffery M. Thomas as Representative, and Karl Seckel as Alternate to the Santiago Aqueduct Commission (SAC), for submission to SAC.

COMMITTEE RECOMMENDATION

This item has not been presented to a Committee.

DETAILED REPORT

In January, appointments were made to various associations and commissions, and at that time Director Tamaribuchi was appointed as MWD OC's Representative to SAC, with Director Thomas as First Alternate and Karl Seckel as Second Alternate. Director Tamaribuchi has requested that President Barbre appoint another Board member as Representative to SAC.

Pursuant to the Administrative Code (Section 1600), MWD OC's representatives must be from Division 5 or 6. President Barbre is recommending that Director Thomas be appointed as Representative, and Karl Seckel be appointed as Alternate.

Attached is the draft Resolution for consideration.

Budgeted (Y/N): N/A	Budgeted amount:	Core ____	Choice ____
Action item amount:	Line item:		
Fiscal Impact (explain if unbudgeted):			

RESOLUTION NO. _____
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

RE: DESIGNATION OF MEMBER AND
ALTERNATE TO SANTIAGO AQUEDUCT COMMISSION

2018

WHEREAS, the Santiago Aqueduct Commission (SAC) was formed to manage and operate the Santiago Aqueduct system; and

WHEREAS, the SAC consists of six (6) members, one member each of the governing bodies from El Toro Water District, Irvine Ranch Water District, Trabuco Canyon Water District, Santa Margarita Water District, Moulton Niguel Water District and Municipal Water District of Orange County (MWDOC); and

WHEREAS, it is understood that MWDOC represents itself and East Orange County Water District, County of Orange and the Irvine Company; and

WHEREAS, under the provisions of the Santiago Aqueduct Commission Joint Powers Agreement, MWDOC has the right to designate one member to the SAC and a first and second alternate to serve in the absence of the regular member.

NOW, THEREFORE, BE IT RESOLVED that MWDOC hereby designates Jeffery M. Thomas as the member, and Karl Seckel as the alternate to the Santiago Aqueduct Commission, to assume their positions upon taking the oath of office.

Said Resolution was adopted this _____ day of _____, 2018 by the following roll call vote.

AYES:
NOES:
ABSENT:
ABSTAIN:

I HEREBY CERTIFY the foregoing is a full, true and correct copy of Resolution No. _____ adopted by the Board of Directors of Municipal Water District of Orange County at its meeting held on _____.

Maribeth Goldsby, Secretary
Municipal Water District of Orange County



ACTION ITEM
March 21, 2018

TO: Board of Directors

FROM: **Public Affairs and Legislation Committee**
(Directors Dick, Tamaribuchi, and Thomas)

Robert Hunter, General Manager

Staff Contact: Heather Baez

SUBJECT: **AB 2283 (Holden) - Income taxes: Turf Removal Water Conservation Program**

STAFF RECOMMENDATION

Staff recommends the Board of Directors vote to adopt a support position on AB 2283 (Holden).

COMMITTEE RECOMMENDATION

Committee will review this item on March 19, 2018 and make a recommendation to the Board.

BILL SUMMARY

AB 2283 would extend the sunset date from January 1, 2019 to January 1, 2024 on previous legislation which excludes from gross income, under both the personal income tax and corporation tax laws, amounts received as a rebate, voucher, or other financial incentive issued by a local water agency for participation in a turf removal water conservation program.

BACKGROUND

In 2014, then Assembly Member Jimmy Gomez authored AB 2324 which excluded from gross income, under both the personal income tax and corporation tax laws, amounts received as a rebate, voucher, or other financial incentive issued by a local water agency for participation in a turf removal water conservation program. The measure went into effect

Budgeted (Y/N): n/a	Budgeted amount: n/a	Core X	Choice ___
Action item amount: None		Line item:	
Fiscal Impact (explain if unbudgeted):			

immediately after being signed into law by Governor Brown, and applied to taxable years beginning on or after January 1, 2014 and before January 1, 2019.

ARGUMENTS IN SUPPORT

This bill would simply extend the sunset date from January 1, 2019 to January 1, 2024 to exclude any rebate or voucher issued by a local water agency for expenses incurred to participate in a turf removal program. This continued incentive will encourage future participation in this program with the end goal of increasing water conservation in California.

ARGUMENTS IN OPPOSITION

None on file.

STAFF COMMENTS

MWDOC's Legislative Policy Principles directly reflect support tax exemptions for water conservation measures such as turf removal rebates. Specifically, *it is MWDOC's policy to support legislation and regulation that: Provides tax exemptions for water conservation or efficiency incentives for measures including, but not limited to, turf removal, devices, and other measures to reduce consumption of water or enhance the absorption and infiltration capacity of the landscape.*

DETAILED REPORT

The full text of AB 2283 is attached.

ASSEMBLY BILL

No. 2283

Introduced by Assembly Member Holden

February 13, 2018

An act to amend Sections 17138.2 and 24308.2 of the Revenue and Taxation Code, relating to taxation, to take effect immediately, tax levy.

LEGISLATIVE COUNSEL'S DIGEST

AB 2283, as introduced, Holden. Income taxes: exclusion: turf removal water conservation program.

The Personal Income Tax Law and the Corporation Tax Law, for taxable years beginning on or after January 1, 2014, and before January 1, 2019, provide an exclusion from gross income for any amount received as a rebate, voucher, or other financial incentive issued by a local water agency or supplier for participation in a turf removal water conservation program.

This bill would extend the operation of those provisions to January 1, 2024.

This bill would take effect immediately as a tax levy.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. Section 17138.2 of the Revenue and Taxation
- 2 Code is amended to read:
- 3 17138.2. (a) For taxable years beginning on or after January
- 4 1, 2014, and before January 1, ~~2019~~, 2024, gross income does not
- 5 include any amount received as a rebate, voucher, or other financial

1 incentive issued by a local water agency or supplier for
2 participation in a turf removal water conservation program.

3 (b) This section shall remain in effect only until December 1,
4 2019, 2024, and as of that date is repealed.

5 SEC. 2. Section 24308.2 of the Revenue and Taxation Code
6 is amended to read:

7 24308.2. (a) For taxable years beginning on or after January
8 1, 2014, and before January 1, ~~2019~~, 2024, gross income does not
9 include any amount received as a rebate, voucher, or other financial
10 incentive issued by a local water agency or supplier for
11 participation in a turf removal water conservation program.

12 (b) This section shall remain in effect only until December 1,
13 ~~2019~~, 2024, and as of that date is repealed.

14 SEC. 3. This act provides for a tax levy within the meaning of
15 Article IV of the California Constitution and shall go into
16 immediate effect.

O



ACTION ITEM
March 21, 2018

TO: Board of Directors

FROM: **Public Affairs and Legislation Committee**
(Directors Dick, Tamaribuchi, and Thomas)

Robert Hunter
General Manager

Staff Contact: Heather Baez

SUBJECT: Election of OC LAFCO Special District Member and Alternate

STAFF RECOMMENDATION

Staff recommends the Board of Directors:

- Review and discuss potential nominations to OC LAFCO
- Endorse candidate(s)
- Authorize President Barbre and an alternate to vote in the appointment process
- Direct staff to submit the appropriate forms to OC LAFCO by the deadlines outlined

COMMITTEE RECOMMENDATION

Committee will review this item on March 19, 2018 and make a recommendation to the Board.

SUMMARY

The terms of office for OC LAFCO's Regular Special District member (currently held by Irvine Ranch Water District Board Member, John Withers) and the Alternate member (currently held by Mesa Water District Board Member, Jim Fisler) will expire on June 30, 2018.

Nominations and/or Declaration of Qualification to Vote must be submitted to OC LAFCO by 3:00 p.m. by Monday, April 9, 2018.

Budgeted (Y/N): n/a	Budgeted amount: n/a	Core X	Choice ___
Action item amount: None		Line item:	
Fiscal Impact (explain if unbudgeted):			

For your reference a timeline of key dates for the appointment process is below:

Appointment Process for OC LAFCO Regular and Alternate Special District Member Seats	
DATE	EVENT
March 5, 2018	OC LAFCO Executive Officer emails notification letters with nomination forms and Declaration of Qualification to Vote to independent special district presiding officers, special district general managers, and OC LAFCO chair.
April 9, 2018 (3 PM)	Deadline for submitting nominations and Declaration of Qualification to Vote for regular and alternate special district member to OC LAFCO by 3:00 p.m.*
April 9 - 16, 2018	OC LAFCO develops ballot form.
April 17, 2018	Ballots emailed officers/designees to all special district presiding officers/designees
May 25, 2018 (3 PM)	Ballots due to OC LAFCO by 3:00 p.m.
May 31, 2018	OC LAFCO staff (or designee) tabulates ballots and announces results.
July 11, 2018	Oath of office administered (Commission Hearing).
* Pursuant to Government Code §56332 (c)(1), if only one candidate is nominated for a vacant seat, that candidate shall be deemed selected, with no further proceedings.	

To date, one request for endorsement has come from East Orange County Water District (EOCWD) Board President Douglass Davert.

Attached:

OC LAFCO Ballot and Instructions
Request for Endorsement from EOCWD Board President Douglass Davert



RECEIVED

MAR 12 2018

MWD OF OC

185 N. McPherson Rd.
Orange, Ca 92869
P: 714-538-5815
F: 714-538-0334

eocwd.com

March 9, 2018

Mr. Robert Hunter
General Manager
P.O. Box 20895
Fountain Valley, CA 92728-0895

BOARD OF DIRECTORS

Douglass S. Davert
President

Richard B. Bell
Vice President

John Dulebohn
Director

Seymour (Sy) Everett
Director

John L. Sears
Director

Lisa Ohlund
General Manager

Dear Mr. Hunter:

I am writing to formally announce my candidacy for Special District Representative to the Orange County Local Agency Formation Commission (LAFCO). The seat will be filled in a "vote by email/ mail/fax" election that will be held during the April/May timeframe. I would be honored to receive your district's support to elect me as your next LAFCO commissioner.

There are many issues on the horizon at LAFCO that will likely affect special district governance in our county, not the least of which are issues that will arise from the current round of Municipal Service Reviews. As your LAFCO representative, I will be an outspoken champion for preserving local control and a leader who will respect and defend special districts' ability to continue serving their communities and their constituents in a manner that is right for them.

During my 15 years of local government service, I have had the privilege of providing leadership in my roles as president of East Orange County Water District, director and chairman of the Orange County Sanitation District, director and chairman of the Orange County Fire Authority, trustee of Orange County Mosquito and Vector Control District, and councilmember and mayor of the city of Tustin. Serving in these roles afforded me opportunities to participate in and observe a range of LAFCO-related processes which have prepared me to step into the role of LAFCO commissioner.

Enclosed is some background information about me, my public service experience, and my platform as a candidate for Special District Representative to LAFCO. I would be pleased to speak with you or your board colleagues about my candidacy and answer any questions you may have. Please feel free to contact me at (714) 318-9550 or doug@davertlaw.com.

Thank you for your thoughtful consideration of my candidacy for LAFCO Special District Representative.

Sincerely,

Douglass Davert
President
East Orange County Water District



DOUG DAVERT

Candidate for Special District seat at OC LAFCO

- President, East Orange County Water District (current; board member since 2012)
 - ISDOC Secretary and Member of Executive Committee (current; since 2017)
 - Past Chairman, Orange County Sanitation District (2008-10; board member 2004-10)
 - Past Chairman, Orange County Fire Authority (2009; board member 2006-10)
 - Former Mayor (2006; 2009) and Councilmember (2002-10) City of Tustin
 - Former Trustee, Orange County Mosquito and Vector Control District (2003-05)
-
- Recognized by California Special District Association (CSDA) as a Board President of the Year (2008) for service at Orange County Sanitation District
 - Recognized by Orange County Sanitation District "Honor Walk" for service to the organization as Board Chairman (2011)
 - Successful LAFCO applicant/participant in annexation/consolidation/transfer of 17,000+ local sewers in Sewer Area 7 from the Orange County Sanitation District to the East Orange County Water District.

I am a married father of two teenage daughters. My wife and I grew up in Tustin and our children attend the same schools we did. I have been a practicing attorney since 1992 and have an "AV-Preeminent" rating which is the highest rating for an attorney from the Martindale-Hubbell rating agency. My practice is primarily focused on business matters. I do not represent public agencies. I do not represent clients with matters pending before public agencies. I do not have any conflicts-of-interest or other external influences that would affect my judgment as a LAFCO commissioner.

I do not support forced or involuntary consolidations or dissolutions of special districts except in the most extreme cases (insolvency/abandonment). I believe in local control. I believe local communities know what is best for their residents, businesses and ratepayers. I also believe that cooperative and voluntary applications to LAFCO should be supported with the least resistance and interference. LAFCO should be a facilitator rather than an authority.



March 5, 2018

CHAIR
DEREK J. MCGREGOR
Representative of
General Public

VICE CHAIR
CHERYL BROTHERS
Councilmember
City of Fountain Valley

LISA BARTLETT
Supervisor
5th District

DOC ALLAN BERNSTEIN
Councilmember
City of Tustin

TODD SPITZER
Supervisor
3rd District

CHARLEY WILSON
Director
Santa Margarita Water District

JOHN WITHERS
Director
Irvine Ranch Water District

ALTERNATE
WENDY BUCKNUM
Councilmember
City of Mission Viejo

ALTERNATE
JAMES FISLER
Director
Mesa Water District

ALTERNATE
LOU PENROSE
Representative of
General Public

ALTERNATE
MICHELLE STEEL
Supervisor
2nd District

CAROLYN EMERY
Executive Officer

TO: Independent Special Districts Presiding Officers

FROM: Carolyn Emery, Executive Officer

SUBJECT: **Nomination Process for OC LAFCO Regular and Alternate Special District Member Seats**

The terms of office for one of the OC LAFCO Regular Special District Members and the Alternate Special District Member seats expire on June 30, 2018. These two seats are currently held by John Withers, Board Member of Irvine Ranch Water District and James Fislser, Director of Mesa Water District, respectively. The appointment process for special district seats is governed by Government Code Section 56332 and the Independent Special District Selection Committee By-Laws. In accordance with the Committee's bylaws, attached to this notification you will find the following:

- (1) The "**Declaration of Qualification to Vote Form**" for designating the voting member (and alternate voting member) of your district, who is authorized to vote in the appointment process. This form must be returned to OC LAFCO no later than **3 PM on Monday, April 9, 2018**. Please note that if OC LAFCO does not receive the form by that date, your district will be ineligible to vote.
- (2) The "**2018 Nomination Form**" for submitting candidate names for the Regular and Alternate Special District seat appointment. If your district is nominating a candidate for the OC LAFCO Regular and/or Alternate Special District Member seat, the form(s) must be filled out completely and returned to OC LAFCO no later than **3 PM on Monday, April 9, 2018**. Candidate resumes, or other supplemental information may also be included and will be distributed with the ballots.

Both forms may be returned to OC LAFCO by any of the following:

Email: ccarter-benjamin@oclafco.org
Attn: Carolyn Emery, Executive Officer

Mail: Orange County LAFCO
2677 North Main Street, Suite 1050
Santa Ana, CA 92705
Attn: Carolyn Emery, Executive Officer

FAX: (714) 640-5139
Attn: Carolyn Emery, Executive Officer

For your reference a timeline of key dates for the appointment process is below:

<i>Appointment Process for OC LAFCO Regular and Alternate Special District Member Seats</i>	
DATE	EVENT
March 5, 2018	OC LAFCO Executive Officer emails notification letters with nomination forms and Declaration of Qualification to Vote to independent special district presiding officers, special district general managers, and OC LAFCO chair.
April 9, 2018 (3 PM)	Deadline for submitting nominations and Declaration of Qualification to Vote for regular and alternate special district member to OC LAFCO by 3:00 p.m.*
April 9 - 16, 2018	OC LAFCO develops ballot form.
April 17, 2018	Ballots emailed to all special district presiding officers/designees.
May 25, 2018 (3 PM)	Ballots due to OC LAFCO by 3:00 p.m.
May 31, 2018	OC LAFCO staff (or designee) tabulates ballots and announces results.
July 11, 2018	Oath of office administered (Commission Hearing).
* Pursuant to Government Code §56332 (c)(1), if only one candidate is nominated for a vacant seat, that candidate shall be deemed selected, with no further proceedings.	

Should you have any questions regarding the appointment process, please contact me or our Commission Clerk, Cheryl-Carter Benjamin at (714) 640-5100.

Sincerely,



Carolyn Emery
Executive Officer

Attachments:

- A. Declaration of Qualification to Vote
- B. 2018 Nomination Forms – Regular and Alternate Special District Member

cc: Special District General Managers
Special District Board Clerks
OC LAFCO Chair

DECLARATION OF QUALIFICATION TO VOTE

Brett R. Barbre, Presiding Officer
Municipal Water District of Orange County
18700 Ward Street
Fountain Valley, CA 92708-6930
brbarbre@mwdoc.com

I, _____, * hereby attest that
_____ ** has been authorized by the Board of
_____ to vote in the Orange County Special
District Selection Committee election (regular and alternate
member).

The Board also designated _____ *** as the alternate
voting member.

Name and Title*: _____

Signature*: _____

Date: _____

**Must be signed by either Board President or Board Secretary*

*** Must be a member of the Board*

****Must be a member of the Board*

Completed forms must be received by OC LAFCO prior to 3 PM, Monday, April 9, 2018. Forms must be delivered to OC LAFCO by:

- (1) Email at: cemery@oclafco.org, or
- (2) Mail at: Orange County LAFCO
2677 North Main Street, Suite 1050
Santa Ana, CA 92705
Attn: Carolyn Emery, or
- (3) FAX at: (714) 640-5139, Attn: Carolyn Emery

2018 NOMINATION FORM

Candidate for the Orange County Local Agency Formation Commission (OCLAFCO)

CANDIDATE INFORMATION FOR REGULAR SPECIAL DISTRICT MEMBER:

NAME: _____

TITLE: _____

DISTRICT: _____

☐ Check box if resume or statement of qualifications is attached.

SPECIAL DISTRICT SELECTION COMMITTEE MEMBER SUBMITTING NOMINATION (Must be the presiding officer or a designated alternate board member.)

NAME: _____ DATE: _____

SIGNATURE: _____

TITLE: _____

DISTRICT: _____

A resume or other supplemental information about the candidate may be included and will be distributed with the election ballots. All completed nomination forms and any supplemental information must be returned to Orange County LAFCO by:

1. Email at: cemery@oclafco.org or
2. Mail at: Orange County LAFCO
2677 North Main Street, Suite 1050
Santa Ana, CA 92705; or
3. Fax at: (714) 640-5139, Attn: Carolyn Emery

All forms and supplemental information must be received by OC LAFCO prior to 3:00 p.m. on Monday, April 9, 2018. Nomination forms or candidate information received after that deadline will not be considered.

2018 NOMINATION FORM

Candidate for the Orange County Local Agency Formation Commission (OCLAFCO)

CANDIDATE INFORMATION FOR ALTERNATE SPECIAL DISTRICT MEMBER:

NAME: _____

TITLE: _____

DISTRICT: _____

☐ Check box if resume or statement of qualifications is attached.

SPECIAL DISTRICT SELECTION COMMITTEE MEMBER SUBMITTING NOMINATION (Must be the presiding officer or a designated alternate board member.)

NAME: _____ DATE: _____

SIGNATURE: _____

TITLE: _____

DISTRICT: _____

A resume or other supplemental information about the candidate may be included and will be distributed with the election ballots. All completed nomination forms and any supplemental information must be returned to Orange County LAFCO by:

1. Email at: cemery@oclafco.org or
2. Mail at: Orange County LAFCO
2677 North Main Street, Suite 1050
Santa Ana, CA 92705; or
3. Fax at: (714) 640-5139, Attn: Carolyn Emery

All forms and supplemental information must be received by OC LAFCO prior to 3:00 p.m. on Monday, April 9, 2018. Nomination forms or candidate information received after that deadline will not be considered.



ACTION ITEM
March 21, 2018

TO: Board of Directors

FROM: **Public Affairs & Legislation Committee**
(Directors Dick, Tamaribuchi, Thomas)

Robert Hunter
General Manager

**SUBJECT: AUTHORIZE ATTENDANCE AT THE P3 WATER SUMMIT, SAN DIEGO,
APRIL 3-4, 2018**

STAFF RECOMMENDATION

Staff recommends the Board of Directors: Authorize attendance at the P3 Water Summit to be held April 3-4, 2018 in San Diego.

COMMITTEE RECOMMENDATION

Committee will review this item on March 19, 2018 and make a recommendation to the Board.

SUMMARY

Director Yoo Schneider has been asked to speak on a panel at the P3 Water Summit, and as a result, her registration cost of \$495 will be comped, however she will need hotel accommodations. The approximate cost for two nights at the Manchester Grand Hyatt is \$500.

The P3 Water Summit will be held in San Diego on April 3-4, 2018; public-private partnerships (P3s) are delivering critical infrastructure across the country and are providing communities new tools and ways to address their water system challenges.

Over 600 public agency and water professionals will be attending the event and will learn about latest modes of water infrastructure delivery. The P3 Water Summit focuses on P3 education, financing, system management and operations, and networking for owners, system managers, developers, and industry leaders.

Budgeted (Y/N): N	Budgeted amount:	Core ____	Choice ____
Action item amount: \$500*	Line item:		
Fiscal Impact (explain if unbudgeted): *This amount represents hotel accommodations for 1 attendee; if there are additional attendees the District will be responsible for this amount plus registration (\$495).			



2018 Preliminary Schedule

Schedule subject to change

AGENDA: MONDAY, APRIL 2, 2018

Pre-Summit Activities

1:30 PM – 4:30 PM

Site Tour - P3 in Action: A Tour of the Claude "Bud" Lewis Carlsbad Desalination Plant

Advanced Registration Required | Meet in Lobby of Manchester Grand Hyatt Hotel for Shuttle Pickup



Before the Summit kicks off, come see one of the largest public-private partnership water projects in California.

We will host a limited number of P3 Water Summit attendees for a tour of the 50 million gallon per day (56,000 acre-feet per year) desalination plant located adjacent to the Encina Power Station in nearby Carlsbad. Tour participants will get an up-close look at the facility and its operations, learn the history of the project, and hear about the 30-year water agreement finalized with the San Diego County Water Authority for the purchase of 50 million gallons per day of desalinated seawater.

To reserve a spot contact sandra@thep3conference.com

Special Thanks to:



5:00 PM – 8:00 PM

Summit Check-In & Registration

Harbor Ballroom Foyer

Pre-Summit Activities

7:00 AM – 9:00 AM

Summit Check-In & Registration

Harbor Ballroom Foyer

7:30 AM – 9:00 AM

P3 101 Breakfast (Open to Public Agency Attendees Only | Advanced Registration Required)

Harbor Ballroom A

Join industry leaders and AIAI members for breakfast and an interactive conversation specifically tailored to the needs of water agencies evaluating the use of public-private partnerships. This pre-Summit session is designed for those beginning to explore P3s and are seeking to better understand where they can be applicable. Learn about when P3s do and do not make sense to advance, what are the major considerations that need to be made when choosing this route, how can they can save money and time when dealing with system repairs and maintenance, and what are some of the first steps to make when considering the P3 route.

Public attendees please confirm your attendance by emailing Lisa Buglione at LBuglione@aiai-infra.org

Moderator:

Steve DeWitt, Senior Vice President, Business Development, ACS Infrastructure Development, Inc.

Presenters:

Paul Bottrill, Senior Vice President, Asset Development, Kiewit

Tad Guleserian, Executive Vice President, Hunt Companies

Bill Hvidt, The Hvidt Group

Kamil Seidl, Vice President, Star America

Sponsored by:



Formal Summit Activities

9:00 AM – 9:15 AM

Summit Start: Welcome & Opening Remarks

Harbor Ballroom D

9:15 AM – 10:00 AM

2018: A New Era for Water?

Harbor Ballroom D



In our opening keynote, Jill Jamieson will provide an overview of some of the most notable developments that have recently shaped the public-private partnership landscape; and speak to some of the major political, policy, and project developments that are likely to define the U.S. P3 water experience in 2018. She will address recent comments by the administration regarding the role of partnerships for water infrastructure, and consider how P3s and other alternative delivery models are likely to be influencing major future projects being contemplated around the country.

Presenter:

Jill Jamieson, Managing Director, JLL Public Institutions Group

10:00 AM – 11:00 AM

Priming the water sector to understand and realize the potential of P3s

Harbor Ballroom D

In the context of a well understood US water infrastructure deficit, P3 — with its capacity to accelerate project delivery, transfer operational and performance risk, bring innovation and manage costs on a whole life basis — seems to be a natural fit to address many of the challenges facing the water sector. Low cost capital, both from WIFIA and tax exempt or taxable sources that can be utilized in a P3 delivery model, is in plentiful supply. Contractor and investor appetite for well-structured performance based projects is significant. Why then, are there still so few water P3 projects?

In this session a panel of industry and public leaders will answer that question and examine what needs to change when evaluating water partnerships to better recognize and capture the benefits of P3. Panelists will also discuss how the model can be applied beyond just large projects, what leadership needs to look like to move P3 forwards in the water sector, and what specific actions public sector sponsors can take to determine the best delivery model for both their next project and the larger needs of their community.

Moderator:

Stephen J. Auton-Smith, Managing Director, Ernst & Young Infrastructure Advisors LLC

Panelists:

Peter Luchetti, Managing Partner, Table Rock Capital

Francesca McCann, Business Development Director, infraManagement Group [subsidiary of Black & Veatch]

Andrew D. Sawyers, Director, Office of Wastewater Management, U.S. Environmental Protection Agency (EPA)

AGENDA: TUESDAY, APRIL 3, 2018

11:00 AM – 11:15 AM

Networking Coffee Break

Expo Hall

11:15 AM – 12:15 PM

Workshop: How Do P3s and Private Project Financings Impact Credit?

Harbor Ballroom D

Among the many touted benefits of potential P3 projects is the ability to keep the debt off balance sheet. But just because it's off the balance sheet, does that mean the rating agencies consider it to be "off-credit" as well? The credit implications of P3s vary depending on the contractual obligation the public authority is committing to long term, as well as the essentiality of the asset. Moody's Investor Service senior analysts will discuss Moody's approach to evaluating a P3 project's impact on a public entity's credit rating depending on the asset and the structure of the P3, while also reviewing the credit implications different P3 structures have for both the P3 project and for the public sector.

Presenters:

Helen Cregger, Vice President, Senior Credit Officer, Moody's Investors Service, Inc

Kathrin Heitmann, Assistant Vice President, Moody's Investors Service, Inc

11:15 AM – 12:30 PM

A New Kind of "Water" P3: Linking Water and Transportation Projects

Harbor Ballroom B

State Departments of Transportation (DOTs) have long been delivering transportation infrastructure projects using P3s. In recent years however, DOTs have begun to pursue the delivery of hybrid transportation / water projects using P3 delivery including projects for channel diversion, storm-water tunnels and pump stations. This panel will highlight the issues and challenges associated with delivery of these new breed of water P3s.

11:15 AM – 12:15 PM

Interactive Roundtable Discussions

Harbor Ballrooms A&B

A series of interactive roundtable conversations on critical P3 topics. Each conversation will last approximately 20 minutes, and during the session attendees will be able to participate in 3 different discussions. Roundtable conversations are meant to be informal, candid exchanges where participants can ask their questions and concerns, share experiences, and network. Presenters will guide discussions by bringing up case studies, targeted issues, and topics impacting the current P3 landscape.

Table 1: Want to seriously consider a Water P3? Better understand what makes this market sector tick.

Water sector owners "hear the P3 buzz" created by other sectors and are looking for useful information and guidance. Unfortunately, P3 interest in the water sector can feel blindsided from the depth and breadth of ongoing narrative in the larger P3 community and by precedents in other market sectors and geographies. The path forward is simply the water sector needs to create and lead the water sector P3 narrative. The water sector has some unique features that need to be fully understood and are key to best practices for the evaluation, procurement, contracting and implementation of a water P3. This discussion will focus on these water sector features and why they are so important.

Table 2: P3 Risk Balance and Expectation Management

One of the hallmarks of a successful P3 project is the sharing of risk between the public and private sectors. Each sector would prefer to reduce their risk on the project, but there are serious cost impacts when the other sector absorbs more risk. Where can the balance be stricken and how can you be sure you have identified all the project risk categories for which transfer is an appropriate deal point? This session will discuss how public and private sector participants can work together to establish expectations and strike a fair balance for risk transfer between them on P3 jobs. The table will address how risk transfer in design and construction costs, operational and maintenance risk, and political risk can impact the value for money analysis. We will discuss risk allocation between the private and public sectors, as well as amongst the various members of the private concessionaire team. Finally, once the appropriate risk categories have been identified, we will discuss the different vehicles available to implementing risk transfer.

Table 3: P3 or Not to P3: Identifying the Appropriate Project Delivery Mode

With P3 not necessarily appropriate for all types of water infrastructure, how can project sponsors meaningfully evaluate the relevance and suitability of a P3 delivery model in the context of individual projects? This roundtable will address the importance of upfront scrutiny of project objectives, scale, complexity, capital intensity and revenue risk, as some of the key characteristics that can help to determine the extent to which a P3 structure can help to deliver additional value, such as meaningful risk transfer and technological innovation. It will also explore the role of feasibility studies, market testing and value-for-money analysis in assessing the relative merits of alternative delivery for a particular project.

Table 4: Using Tax-Exempt Bonds in P3

For years tax-exempt financing has been the preferred means to finance public facilities. This roundtable will address the issues involved in using tax-exempt debt in public-private partnerships, and compare and contrast structures involving tax exempt debt vs. conventional debt and equity. The conversation will also examine the impacts of the financing structure on project cost, project delivery, and long-term operations and maintenance

Table 5: From Idea to Implementation: The Role of a Project Champion in Building Internal Partnerships

Between the idea for a P3 project and ribbon cutting lie many obstacles. P3 projects are still new and different to many. They require new processes, new ways of thinking, new legal and financial models, and new risks. They change the politics of building on campus. A project champion is essential to navigate those obstacles and build a team and a process that will maximize the chances for success. The project champion must understand enough about both the traditional process for campus construction and the new opportunities offered by the P3 model to bridge those worlds and to help the project adapt and remain flexible as campus needs change through the design and implementation phases. This roundtable is designed to empower potential project champions to build the internal partnerships needed to take a project from idea stage to implementation.

Table 6: Community Engagement is Not an Afterthought

Critical to the success of any P3 is a strong commitment to stakeholder engagement, communication and transparency. Including stakeholders early in the public planning process allows for community engagement, and an opportunity to facilitate a successful P3 program based on public support and involvement. Here we examine how both the public and private partners can approach the dialogue with ratepayers, business groups and community shareholders for the best chance at a win-win-win solution for all parties.

Table 7: How to Maximize the Procurement Process

To attract P3 consortium partners (developers, investors, contractors and service professionals), the public sector must impart confidence in the procurement process and house the necessary expertise to support a pipeline of P3 projects. This table considers various methods agencies can implement to use this initial phase of the P3 process to their

advantage to not only generate interest from the private entities in their project but to also minimize and avoid the issues associated therewith.

Table 8: Learn How a P3 Management Contract was Structured to Successfully Help a Water Company Improve Performance, Safety and Achieve Savings

The roundtable reviews how a P3 management contract was structured and tendered; and considers risk allocation, the payment mechanism including incentive components, and KPIs. We'll examine an international example that can be applied at home. Oman's government owned water distribution company is responsible for potable water supply for the country, population 2.4 million. The water company entered into a 5-year management contract, later extended because of positive results, for the P3 technical partner to help the water company develop: (i) new business strategies and plans, (ii) policies, procedures and manuals, (iii) integrated IT systems, (iv) implementation of operational improvements to ensure better levels of service for customers and (v) training and knowledge transfer. Key focus areas were: (a) HR, (b) investment planning and asset management, (c) project delivery, (d) customer services (e) water operations, (f) QSE and (g) capex program management during 2011-2015 of over \$1.3 billion.

Table 10: O&M Risk Issues in P3 Concessions

Discussion at this round table will focus upon the last costs of a P3 concession; the O&M phase, and it's insurance line item. We will discuss how failure to anticipate insurable coverage issues and address insurance related challenges can put the O&M concession phase at unanticipated risk. Issues such as the impact of optimism bias in anticipating future insurance costs, the insurance downsides of deferred maintenance, the revealed coverage gaps when being jointly and severally liable with the public offtaker; among other issues, will be touched upon in a lively moderated table session.

Table 11: Cost of Financing – Does it Really Matter?

This roundtable will focus on understanding the cost of financing. While some disregard P3s outright arguing that tax exempt financing can be cheaper; there are recent examples that have demonstrated otherwise. In this discussion close consideration will be made to when the cost of finance is relevant and the role of other key factors that impact the value for money in a P3.

Table 12: Making Partnerships Work

When a P3 contract is signed with a private party, the work of the partnership begins, and both private and public parties have to live up to their responsibilities. Contracts attempt to identify and plan for the potential events that could occur during the life of the P3, but can rarely imagine all events into the future. This table will present the fundamentals and challenges of contract management, methods to streamline documentation. examine P3 contract requirements, discuss enforcement policies, as well as techniques for amending, renegotiating or terminating contracts.

Table 13: Best Practices for P3 Procurement Success

Are you considering a P3 delivery for your new municipal asset, but not sure where/how to start? Concerned about attracting private sector interest? This roundtable will address pre-RFP activities for a municipal entity to consider, a procurement road map to follow, and then steps to take to prepare and implement a P3 from procurement through award, commercial/financial close, delivery, and operations.

Table 14: Winning P3 Formulas for Water Infrastructure Projects

P3s are moving up the agenda in the North American water market but the definition of what a P3 is can be mixed and confusing. This roundtable discussion will navigate through the confusion by outlining the different P3 models and discussing the key components and attributes of successful water P3s currently underway in the U.S. With each model having its own risk/return profile we will discuss and review the risk/reward continuum in each model and examine

AGENDA: TUESDAY, APRIL 3, 2018

examples of projects that illustrate successful P3 contracts.

Table 15: Stormwater P3s and Performance Based Infrastructure.

Stormwater and water agencies face unique subsets of challenges: Outcome-focused stormwater permits led by State and Regional regulatory agencies; politically-challenging funding limitations; and areas of historic drought and vulnerability to climate change impacts. A discussion of priority and pressing issues is presented in the context of stormwater infrastructure metrics and delivery mechanisms that are potentially most beneficial and appropriate. Discussion will include how potential partnering entities combine and leverage resources and establish appropriate governance structures.

12:15 PM – 2:00 PM

Networking Lunch

Expo Hall

1:15PM – 2:00 PM

Keynote Address: WIFIA Market Update

Harbor Ballroom A

This session is designed for prospective borrowers and provides an overview of The Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) established the WIFIA program, a federal credit program administered by EPA for eligible water and wastewater infrastructure projects. Our speaker will provide an overview of the program, explain the process for submitting and evaluating WIFIA letters of interest, and include an update on the most recent letter of interest round. This presentation is meant to foster a greater understanding of the requirements, clarify the purpose and goals, and pave the way for successful applications for the WIFIA program.

Presenter: Jorianne Jernberg, Director, WIFIA Program

2:00 PM – 3:00 PM

Getting to The Bottom Line – Communicating in Actual Numbers the Real Difference Between Public Funding and Private Financing Costs

Harbor Ballroom A

An often cited assertion when disavowing the use of alternative project delivery methods, including P3s as a procurement model, is that the use of municipal bonds is a cheaper way to procure infrastructure. In this session, our presenter provides a breakdown of two different projects to their capital and O&M components, while incorporating engineering design, procurement, construction, schedule and O&M cost risks factors to demonstrate the actual differences between public funding and private financing costs.

Presenter: Michael J. Irlbeck, BD Director, EPCOR

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2:00 PM – 3:00 PM

Achieving Compliance with Safe Drinking Water Act and Clean Water Act: How Partnerships Can Assist

Harbor Ballroom B

Public-private partnerships in the water sector typically are pursued to achieve specific benefits. Access to technology, management expertise, financial resources or better risk management, for example, are often cited. The ultimate community benefit, of course, is a reliable supply of safe drinking water and the assurance of public and environmental health. There is increasing attention to the difficulties many utilities face in delivering these benefits to the people they serve. As a recent study published in the Proceedings of the National Academy of Sciences notes, “[e]fforts to reduce violations are of national concern given that, in 2015, nearly 21 million people relied on community water systems that violated health-based quality standards.”

This session explores how water system partnerships including increased public-private collaboration can help struggling drinking water and wastewater systems achieve compliance with the Safe Drinking Water Act and Clean Water Act and maintain sustainable and efficient utility operations.

Moderator:

Michael Deane

Panelists:

Mayor David Carabajal, City of Beeville, Texas

Michelle Frederick, Coordinator, California State Water Resource Control Board, Division of Drinking Water

Wendi Wilkes, Regulatory Analyst, American Water Works Association

2:00 PM – 3:00 PM

Contract Structures that Incentivize Outstanding Service: Portable Lessons from Gulfport’s P3

Harbor Ballroom C

The City of Gulfport, Mississippi, Mississippi’s second largest city with a population of 72,000, was faced with employee accountability, efficiency, and retention issues. In 1999, the City chose to privatize its streets, drainage, water and sewer departments. In 2011, The City chose Utility Partners to manage the operations of these systems based on their reputation and experience within the privatization industry. To date, the contract has been amended several times to increase the scope of services offered by the contractor and currently consists of 130 private employees working within the Public Works Department. On this panel, you will hear from both the representatives from the city (officials and management) and the private O&M contractor. They will give their respective views on what led to a successful partnership for over six years. First, they will discuss the contract details which has a 5% annual retainage as well as quality, time, and citizen satisfaction benchmarks to insure the constant proactivity of the contractor. They will also expand on how a third party audits and quantifies what the return of retainage will be every year. Second, they will discuss certain key initiatives that the City and the contractor develop together such as the APWA certification which encourages both teams to establish common goals, policies and standards. Seeking excellence with the recognition from a third party clearly motivates parties to work closely together and the individuals involved to deliver the highest results.

Moderator:

Guillaume Clairet, Chief Operating Officer, H2O Innovations

Panelists:

Wayne E. Miller P.E., Director of Public Work, City of Gulfport

Brian Nelson, Area Manager, Utility Partners, LLC

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2:00 PM – 3:00 PM

P3 Considerations in the Early Stages

Harbor Ballroom D

The proposed panel discussion will cover a range of considerations that need to be taken into account during the early stages of a P3 project development. These will include assessing the feasibility of a project and what type of projects are best served by P3 delivery. A large consideration of P3 projects is determining where the funding will come from and how the project will be financed. What would attract the private sector to be engaged and be involved in the project? What are the benefits that would be achieved for the owner? In addition, the panel discussion will also highlight the merits and risks of P3 structures and how these played out in a selection of P3 Water projects to date; Prince George's County, in Maryland; and two projects in California: at Central Contra Costa Sanitary District and Carlsbad.

Moderator:

Justin Ashford, Vice President, Advisory Services, WSP

Panelists:

Greg Cannito, Managing Director, Corvias

Steve Dye, Government Affairs, Water Environment Federation

Bar Littlefield, Chief Financial Officer, Poseidon Water

Jean-Marc Petit, Director of Engineering and Technical Services, Central Contra Costa Sanitary District.

Brian Rapp, Kiewit Infrastructure

2:00 PM – 3:00 PM

Workshop: Mechanics of Rural Water Project Delivery

Harbor Ballroom E

In this session, United States Department of Agriculture (USDA) staff and partner organizations will provide an overview of the opportunities for financing water and wastewater infrastructure projects in rural communities through partnership with the private lending sector. More than 97% of the nation's 156,000 public water systems are small systems, serving 10,000 or fewer people. According to the most recent Infrastructure Needs Surveys conducted by the United States Environmental Protection Agency, the projected cost for drinking water and wastewater projects in United States communities with populations of 10,000 and fewer people is estimated to be almost \$600 billion in the next 20 years.

To meet this financial need, USDA must partner with private lenders to creatively finance these infrastructure projects. Partnerships can include the use of private loans to pay for project design and construction until USDA can close on a permanent direct loan. USDA can also partner with private lenders to provide a loan guarantee on private permanent loans. Finally, USDA can work with private lenders to move current direct loan borrowers who have demonstrated financial capacity into the private lending sector by providing loan guarantees to lenders interested in refinancing exist debt. Through these types of public-private partnerships, USDA and lenders can improve access to clean, reliable water and waste disposal systems for households and businesses in rural areas.

Presenters:

Michael Canales, Community Programs Director, USDA-Rural Development, Texas

Kent Evans, Water Programs Director, USDA-Rural Development

Michael Himmel, Vice President and Regional Sales Manager, Business Alliance Financial Services, LLC

Special Thanks to Session Organizer:



Committed to the future of rural communities.

3:00 PM – 3:15 PM

Networking Coffee Break

Expo Hall



3:15 PM – 4:15 PM

Value Delivery from Partnerships

Harbor Ballroom A

P3's for water infrastructure have the potential to deliver significant value for municipal governments and more importantly their ratepayers. P3's can take on a variety of forms and structures to fit with project needs whether it's for existing assets in need of renewal or for greenfield infrastructure. This panel represents a variety of subject matter experts representing all facets of a successful P3 partnership including developers, finance, technical consultant, construction, and operations & maintenance. Each will provide their perspective on how to engage the private sector to drive maximum value for a P3 engagement.

Moderator:

David Schneider Vice President Business Development Municipal & Commercial Business, Veolia North America

Panelists:

Stephen J. Auton-Smith, Managing Director, Ernst & Young Infrastructure Advisors LLC

Gil Crozes, Partner, Carollo Engineers

Aaron Toppston, Senior Manager, Investment Development, The Walsh Group

Greg Johnson, Partner, Squire Patton Boggs

Stan Williams, Vice President - Project Development, Poseidon Water

3:15 PM – 4:15 PM

The Basics of Doing a P3 Water Procurement

Harbor Ballroom B

No question is too simple when starting out. This session explores best practices and new approaches to procurement in the context of public-private partnerships, and considers how owners can most effectively structure risk transfer in design and construction costs, operational and maintenance challenges, and factors that can impact value for money analysis.

Presenters:

Bruce Allender, Chief Operating Officer, infraManagement Group [a wholly owned subsidiary of Black & Veatch]

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Jill Jamieson, Managing Director, JLL Public Institutions Group
Megan Matson, Partner, Table Rock Capital

3:15 PM – 4:15 PM

Just Watching or Actually Preparing? Understanding Leading Indicators and Trends in Water P3s

Harbor Ballroom C

This session explores emerging trends likely to shape the P3 market for water projects needed to meet the needs of growing populations and economies. The panel will address the risks faced by civic leaders who fail to plan for and develop a readily available supply of water to meet commercial and industrial needs, and discuss how to manage the political landscape in an environment where water infrastructure faces substantive capital improvements, supply and distribution upgrades, as well as health and safety modernization needs.

Moderator:

Frank M. Rapoport, Partner, Peckar & Abramson

Panelists:

Frederic Brassard, President, Alma Global Infrastructure

James Eklund, Of Counsel, Squire Patton Boggs (fmr Colorado Water Conservation Board Director)

Roy Fazio, Vice President, Director US Water, Flatiron Construction

Brian Nichols, Director, Business Development, Acciona

3:15 PM – 4:15 PM

What Makes the Water Sector So Unique and Why is it Important to Understand this in the Water P3 World?

Harbor Ballroom D

The water sector has unique features that are central to the consideration of best practices in the evaluation, procurement, contracting and execution of a P3 approach. Before a water sector P3 can be considered, it is important that these unique water-focused features are fully understood. Recognizing – and addressing – the challenges presented by these water-focused features will enable the integration of the P3 approach into the broad spectrum of delivery models available to the water sector. The application of best practices, continuity within the spectrum of delivery models, and recognition of water's unique place in public infrastructure will provide the foundation for water and wastewater projects to grow commensurate with past performance in other sectors. Topics to be discussed include:

- Funding and Financing- what is the difference?
- True cost of service dilemma and its role in a Water P3.
- Financing and the Water P3 – is it necessary?
- Impact of O&M to a Water P3– is the P3 model different than the DBO model?
- Selection of the P3- it isn't just the price tag.
- Water sector is local and P3 could include more or less- which is better?
- Asset life, performance variability, preventive / predictive care, turnover and other system needs that merit recognition.

Presenters:

Leofwin Clark, Vice President, Brown and Caldwell

Douglas Herbst, DBIA, Freese and Nichols, DBIA Water/Wastewater Liaison to DBIA P3 Committee

AGENDA: TUESDAY, APRIL 3, 2018

3:15 PM – 4:15 PM

Performance Based Metrics for Stormwater Quality and Water Resources

Harbor Ballroom E

The establishment of clear performance metrics for regulatory compliance, valuation, and payment are essential for developing stormwater P3s and Performance Based Infrastructure (PBI). This panel will discuss the regulator, owner, funder, and P3 developer perspectives of each of these metrics, and will explore potential functional frameworks. Key topics, provided from each perspective, will include measurable and definable metrics, financial structures, risk transfer, documentation, monitoring for conformance, and constraints (including political constraints). Other topics will include opportunities and potential benefit (again, from each perspective) to explore common ground, and to establish whether a confluence of national precedent, examples of analogous utilities, and specific goals (including the establishment of new revenue sources), can provide a baseline framework to advance P3s and PBI further. This session will include prominent leaders bringing both California and nation-wide perspectives.

Moderator:

Ken Susilo, P.E., CPSWQ, Geosyntec Consultants

Panelists:

Geoff Brosseau, Executive Director, California Stormwater Quality Association

Dave Gibson, Executive Officer, San Diego Regional Water Quality Control Board

Kris McFadden, Director, Transportation & Storm Water Department, City of San Diego

Nicole E. Granquist, Partner / Chair, Natural Resources Group, Downey Brand

Robb Whittaker, General Manager, Water Replenishment District of Southern California

4:30 PM – 5:30 PM

Understanding Different P3 Project Delivery Approaches

Harbor Ballroom A

One commonly cited source for the condition of our nation's infrastructure is the American Society of Civil Engineers' 2017 Infrastructure Report card, A Comprehensive Assessment of American's Infrastructure, ASCE (2017). The latest grades for water infrastructure are as follows: Dams (Grade D), Drinking Water (Grade D), Levees (Grade D), and Wastewater (Grade D+). Besides the aging problems, water infrastructure issues have been further compounded by the effects of climate change, funding shortages, deferred maintenance and the length of time it takes to deliver projects.

The Trump Administration's new initiatives in rebuilding America's infrastructure should offer new impetus to innovate project delivery solutions. This panel will explore the pro's and con's focused on selected criteria (equity, risk allocation, performance, schedule and funding/financing) of innovative project delivery approaches that are in use today that can expedite schedules, reduce costs, bridge funding gaps and insure long term asset management. Although one size does not fit all, if an appropriate approach is implemented, these delivery methods can help a great deal. In this session we will look closely at and compare three different projects: i) a Design-Build-Finance-Operate with water purchase agreement, ii) a Design-Build-Finance-Operate with availability payments, and iii) a Design-Build-Operate Contracting project.

Moderator:

Christopher Kane, P.E., Esq., Vice President, Assistant General Counsel Head of Integrated Project Delivery, AECOM

Panelists:

Marcel Ham, Principal, IMG Rebel

Eric S. Petersen, Partner, Hawkins Delafield & Wood LLP

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4:30 PM – 5:30 PM

Workshop: Fast and Affordable Water Financing Solutions

Harbor Ballroom B

Join the California Infrastructure and Economic Development Bank (IBank) for a look at low-cost financing options for water agencies participating in P3 projects. Workshop panelists will share insights on determining project and borrower eligibility, how long it takes to receive financing, and what elements are reimbursable. The workshop panelists will share case studies of unique water projects. Participants will be encouraged to join the discussion, relate challenges they have encountered, and work together to explore financing solutions for needed water projects.

Discussion topics to include:

- How to prepare for a financial review and materials needed.
- Eligible repayment sources including non-traditional revenue items.
- How can water agencies qualify for 100% financing?
- Getting loan approval and money in 180 days or less.
- Preliminary review with technical assistance.
- California Environmental Quality Act (CEQA) challenges.

Presenters:

Teveia Barnes, Executive Director, IBank

Nancee Trombley, Chief Deputy Executive Director, IBank

Tom Dear, Loan Origination Manager, IBank

Margrit Lockett, Loan Servicing Manager, IBank

Nicole Dennis, Principal Management Analyst, City of Santa Cruz

Mark Grajeda, General Manager, Pico Water District

Special Thanks to Session Organizer:



4:30 PM – 5:30 PM

Breaking Institutional Inertia – How Partnerships are Being Used to Move Projects Forward

Harbor Ballroom C

Water systems face an array of emerging challenges in providing safe, reliable, and affordable drinking water to their customers. These challenges include adapting to new regulatory standards, the need to upgrade or replace aging infrastructure, source water availability and protection issues, and increasing budgetary constraints. All of these challenges stretch the bounds of technical capacity for systems of all sizes – but the challenges are arguably most acute for small to mid-sized systems. One solution that is emerging and gaining steam is the concept of partnerships – teaming with public, private, or co-operative partners to achieve efficiencies. By tackling operational, managerial, and financial demands of a water system collaboratively systems may find relief, and strength, in numbers. The options can range from partnering with an entity to leverage relatively minor programs within a system (such as billing, communications, fleet management, etc.) to transferring ownership of a system. However “partnerships” are not as common as one might think – and institutional inertia can work against even the most well developed approach. This panel will explore

AGENDA: TUESDAY, APRIL 3, 2018

the different types of partnership opportunities that exist in the water sector – and a discussion of best practices on what has led to effective regionalization efforts.

Moderator:

Judson M. Greif, Partner, Greenfield Government Strategies

Panelists:

Brent Fewell, Founder, Earth and Water Group

Logan Olds, General Manager, Victor Valley Wastewater

Richard Svindland, President, California American Water

4:30 PM – 5:30 PM

The Role of the Operations and Maintenance Partner in Public Private Partnerships

Harbor Ballroom D

In this session we will explore the role of an O&M contractor in a variety of Public Private Partnerships. Panelists will discuss the activities and role of an O&M contractor in a DBO project as well as in a typical contract operations agreement with a municipal utility. For the DBO contract, we will discuss the suite of services an O&M contractor provides during the design and build phases, as well as the hand-off to longer term operations. The panel will speak to the scope of services in these agreements and have open discussion on lessons learned. Our discussion will also review the risk sharing and transfers during the various phases of these agreements. The panel will be represented by both the municipal sector and by design/build firms, providing perspectives from both the public and private sectors.

Moderator:

Mark Halleman, Senior Vice President, Inframark

Panelists:

Kevin Hunt, General Manager, Central Basin Water District

Wes Self, Vice President - Alternative Delivery, Reynolds Construction

Ramon Diaz, Project Director, GS Inima

5:30 PM – 7:00 PM

Opening Night Welcome Reception

Expo Hall

Join us at this special evening networking event for all Summit attendees.

AGENDA: WEDNESDAY, APRIL 4, 2018

7:00 AM – 9:00 AM

Conference Networking Breakfast

Expo Hall

Sponsored by:



8:00 AM – 10:00 AM

Workshop: Identifying and Overcoming Barriers to Consolidation and Regional Drinking Water Projects in California

Harbor Ballroom A

The State of California has approximately 7,400 public water systems. Approximately 75% of the State's community water systems serve less than 1,000 connections. This two-hour session will focus on identifying current barriers to both consolidation and regional drinking water projects in California. There will be a panel of experts from various organizations that represent the needs and stakeholders in these water partnership projects, including representatives from the regulatory community, counties, cities, private investor owned utilities, and municipal water systems. This will be a technology-aided interactive session and the audience will help identify top barriers. The panel and other audience members will then provide feedback on how those obstacles have been overcome in other projects, or identify long-term structural changes that need to be made to facilitate these regional projects.

Presenters:

Michelle Frederick, Consolidation Coordinator, California State Water Resource Control Board, Division of Drinking Water
Caitlin Juarez Consolidation Coordinator, California State Water Resource Control Board, Division of Drinking Water
Bruce Burton, Principal Engineer, California State Water Resource Control Board, Division of Drinking Water
John Benoit, Executive Officer Lake LAFCo
Janet Coppinger Administrator LakeCounty
Dan Ruiz, Engineering Manager, Coachella Valley Water District
Brett Sanders General Manager Lakeside Water District
Jennifer Stephenson, Executive Officer, Plumas LAFCo
Kevin Tilden, Vice President, California American Water

Special Thanks to Session Organizer:



AGENDA: WEDNESDAY, APRIL 4, 2018

8:00 AM – 9:00 AM

International P3 Lessons for U.S. Water Project Delivery

Harbor Ballroom B

Reviewing international best practice for alternative delivery of water projects challenges our thought leaders to consider alternative strategies and delivery methods for water P3s. This panel will share their experiences of working in both the U.S. and internationally on P3 water projects, and share their perspective on trends in partnering, procurement and project delivery that lead to the successful delivery of major water infrastructure programs around the globe that can be harnessed in the U.S.

Moderator:

Elizabeth Cousins, Infrastructure and P3 Attorney, Nossaman LLP

Panelists:

Mark Donovan, PE, Desalination Program Director, GHD

Liam Kelly, Principal, Advisory, US Infrastructure Asset Management, KPMG

Brian Nichols, Director, Business Development, Acciona

Fred Kessler, Partner, Nossaman

8:00 AM – 9:00 AM

Environmental Impact Bonds

Harbor Ballroom C

Environmental Impact Bonds represent a new, catalytic opportunity to drive private capital towards environmental innovations in the public sector. The growth of impact capital is enabling governments to de-risk invests in promising, nature-based interventions that might have otherwise been overlooked. By sharing the performance risk of these interventions with private investors, governments are able to rationally advance alternative projects that deliver positive health, environmental and workforce development benefits without being forced to choose between the extreme alternatives of either privatization or pure public control. There exists a real opportunity to blend the Environmental Impact Model with other models and Quantified Ventures will be moderating a panel of practitioners who are advancing these concepts across the US.

Presenter: Eric Letsinger, Founder, Quantified Ventures

8:00 AM – 9:00 AM

Design and Construction Oversight in a P3

Harbor Ballroom D

9:15 AM – 10:15 AM

The Federal Perspective: A Conservation Across Agencies

Harbor Ballroom B

This session is a conversation with representatives from Federal Agencies focused on P3s. How are the USDA, EPA, United States Army Corps of Engineers (USACE), and Department of Interior (DOI) approaching water partnerships in the new administration? What sorts of P3s are likely to be encouraged? What policy direction is being developed? What are possible uses for P3s? In this discussion, panelists will discuss their agencies' policy approaches to P3s, where they

AGENDA: WEDNESDAY, APRIL 4, 2018

perceive opportunities for the model, discuss policies supportive of water project delivery, and provide guidance and information on assistance programs currently in operation or development.

Moderator:

Dave Wegner, Buildings and Infrastructure, Jacobs Engineering

Panelists:

Kim Dolbow Vann, California State Director, USDA Rural Development, California

Kent Evans, Water Programs Director, USDA Rural Development, Washington DC

Robert Wolfe, Director, Program and Budget, Bureau of Reclamation

9:15 AM – 10:15 AM

Aging EPA Block Grant Funded Wastewater Plants as a P3 Opportunity

Harbor Ballroom C

In the late 1970s and early 1980s, EPA block grants funded the construction of a number of wastewater treatment facilities. As these facilities age, it is becoming necessary to embark on capital improvement plans or to construct new facilities altogether. This panel will discuss the P3 opportunities associated with upgrading wastewater treatment facilities, including into indirect potable reuse or direct potable reuse facilities.

Moderator:

Morgan Gallagher, Associate, Rutan & Tucker, LLP

Panelists:

Eric Owens, Technical Resources Manager, West Basin

Jim Crabtree, Managing Partner, WaterMark Resource Development

9:15 AM – 10:15 AM

Getting Started: Engaging an Owner Advisor to Support P3 Success

Harbor Ballroom D

The presentation and follow-on discussion, facilitated by the Water Design-Build Council, discusses the unique aspects of design-build and operations practices in the water and wastewater sector and how those practices inform the use of Owner Advisors in support of P3 delivery. Since collaborative delivery is inherently embedded in almost any P3 approach, applying design-build best practices is critical to getting started on and then implementing P3 for your organization. The presentation portion of this session will focus on how to engage and scope an Owner Advisor, with a focus on the key issues and risk transfer considerations unique to the water and wastewater sector, followed by an interactive discussion focused on the practical side of engaging an Owner Advisor with the right scope to support your P3 project, including:

What are the first steps in getting your organization prepared to consider and implement a P3 project? How does your prior design-build experience transfer to P3? What might make water and wastewater P3s different than other types of infrastructure? Are there progressive design-build and other collaborative options available within the P3 framework? What are the right selection criteria and scope elements for an Owner Advisor?

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Presenters:

Mark Alpert, Executive Director, Water Design Build Council

Leofwin Clark, Past WDBC President and Education Committee Chair, Brown and Caldwell

David E. Kinchen, Associate Vice President/Director, Black & Veatch

10:15 AM – 10:45 AM

Networking Coffee Break

Expo Hall

Sponsored by:



10:45 AM – 11:45 AM

Leveraging a P3 for Water Delivery: The Vista Ridge Water Supply Project

Harbor Ballroom A

San Antonio, Texas, needed funding for a water delivery solution that would protect the Edwards Aquifer, prepare for drought and support future prosperity. Increasing taxes was not an option. A long-term contract between a private party and a government entity was the solution. Hear how the future of water delivery systems can be informed by the experiences of the public and private sectors, working with their financing partners, came together on the innovative Vista Ridge water delivery P3. The panel will provide an analysis of the challenges, successes and lessons learned including how the project could have been shelved had the construction partner, Garney Construction, not assumed a meaningful leadership role in overseeing the design, construction and financing of the project.

Moderator:

Francesca McCann, Business Development Director, infraManagment Group [subsidiary of Black & Veatch]

Panelists:

Nancy Belinsky, Vice President and General Counsel, San Antonio Water System

Michael J. Irlbeck, BD Director, EPCOR

Scott A. Parrish, Chief Operating Officer Western Pipe, Garney Construction

Eric S. Petersen, Partner, Hawkins Delafield & Wood LLP

10:45 AM – 11:45 AM

Good Small P3s: Key Success Factors for Small Communities

Harbor Ballroom B

Small and medium size communities can benefit the most from P3 projects, but have they been left out of the P3 market? How does the new infrastructure program affect these communities? What are the key success factors for small and medium size communities to implement and benefit from a P3 project? This session will explore the tools and financing options available to small community stakeholders to evaluate, plan and execute a successful P3 project.

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Whether upgrading an existing facility, building a new facility or planning for anticipated growth, establishing the right partners and capitalizing on proven success factors in advance is key to delivering a winning project and can make a small project become a big deal.

Moderator:

Mark Lambert, Managing Partner, WaterMark Resource Development

Panelists:

William Brennan, Managing Director, Arena Growth Holdings

Brian Cullen, President, PERC Water

William Green, President, South Coast Water District

David Moore, Managing Partner, Clean Energy Capital

10:45 AM – 11:45 AM

The Realities Inherent in Performance-Based Stormwater Delivery Approaches.

Harbor Ballroom C

Building off the discussion on performance based metrics, this panel focuses on linkage of specific metrics to alternative delivery mechanisms, and presents lessons learned from initiatives and programs already under way (P3's, CBP3's? PBC?) The panel will discuss different financial structures, and the benefits and drawbacks of each structure, with a focus on governance, transactional acceptance, risk management, and contractual obligations. Examples and case studies from across the country will be discussed, providing insights to financial and regional considerations.

Moderator:

Yuval Cohen, Jacobs | LeighFisher

Panelists:

Dr. Jacqueline Ashmore, Director of Research and Outreach Activities, Institute for Sustainable Energy, Boston University

Seth Brown, Principal, Storm and Stream Solutions, LLC

Greg Cannito, Managing Director, Corvias

Edward Fanter, Infrastructure & Capital Projects, Deloitte Advisory

Sanjiv Sinha, Vice President, Environmental Consulting & Technology (ECT), Inc.

Ken Susilo, P.E., CPSWQ, Geosyntec Consultants

10:45 AM – 11:45 AM

Structuring and Financing Options for Water P3's

Harbor Ballroom D

P3s have long been discussed as a potential solution to the underfunding of U.S. water infrastructure needs. In this session we explore various financing structures that have been successful for delivering water projects: comparing the tax-exempt and taxable debt models, equity options, and different government programs. We also discuss how P3 financing models are evolving and how a traditional project finance program compares to other P3 tools, such as concession agreements, that are more common in other sectors. Panelists will explore what we can expect regarding future market activity and prospects for both primary and secondary water infrastructure markets? Lastly we examine which P3 structure work best for a specific project or to meet the specific goals of an agency, delving specifically into how each structure impacts the project viability, the return to the agency; and its credit profile and balance sheet.

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11:45 AM – 1:00 PM

Networking Lunch

Expo Hall

Sponsored by:



1:00 PM – 2:00 PM

Sustainability and Implications for Utility Management and Financing

Harbor Ballroom A

This panel will explore characteristics of a sustainable utility in an ever changing global environment, focusing on various perspectives including rate setting management, debt financing and financial policy, consumer transparency and investor interests. Panelists will discuss best practices, professional excellence and stand-out leaders, examine how the sector's approach to sustainability has evolved and what future changes might be required. The discussion will explore the growing utilization and market demand for green bonds, sustainability efforts from the standpoint of affordability and capital investment, managing competing demands, sustainable rate-setting and debt financing structures, and the role of the private sector and P3s in supporting a utility in achieving its sustainability goals.

Moderator:

Kathrin Heitmann, Assistant Vice President, Moody's Investors Service, Inc

Panelists:

John Mastracchio, Vice President, Raftelis

Ed D. Vallejo, Vice President, American Water

1:00 PM – 2:00 PM

Harnessing Alternative Delivery for the One Water LA 2040 Plan

Harbor Ballroom B

The City of Los Angeles One Water LA 2040 Plan (Plan) sets the tone for strategic water planning solutions across Los Angeles. The Plan relies on collaboration and planning between agencies and stakeholders to identify sustainable programs and projects that will yield long-term water supplies for Los Angeles. This panel will discuss projects being procured or and under consideration for procurement using alternative delivery methods by the City, including how the City of LA is identifying projects, determining the appropriate delivery model and successfully delivering projects across the Plan.

1:00 PM – 2:00 PM

Political and Economic Realities for Water P3s

Harbor Ballroom C

Industry professionals will explore the possibilities and the realities of dealing with political subdivisions, regional growth and the need to challenges to provide fresh water to communities and companies is as meaningful in urban population

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centers as it is for the rural economy. There are opportunities for regional consolidation, or the combination of services, including common services to address water and wastewater treatment needs across the country. The panel will highlight opportunities, based on practical experiences drawn from best of class projects and best practices in policy implementation, to convey the possibilities of managing the political and economic realities facing communities with water infrastructure needs.

Presenters:

Tad Guleserian, Executive Vice President, Hunt Companies

Mark Ellison, Sales Director, IDE Americas, Inc

James Murphy III, Water Supply Planner, Halff Associates

Frederic Brassard, President, Alma Global Infrastructure

1:00 PM – 2:00 PM

Workforce Issues Across the Water Industry

Harbor Ballroom D

Water utilities are struggling with workforce issues around the country. The industry has an aging population and a loss of institutional knowledge presents a major challenge for many utilities. Adapting to a workforce that makes heavier use of technology is both an opportunity and challenge. Meanwhile, the industry's focus is further shifting to resource recovery. P3s are able to address some of these workforce issues, if integrating changes in workforce staff and organization is addressed appropriately. This panel will feature water utility leaders from around the country, a water district director, and a labor union representative to represent all viewpoints.

Moderator:

Brian Shell, P.E., Senior Technical Principal, WSP

Panelists:

Salil Kharkar, P.E., BCEE, Director, Operations, District of Columbia Water and Sewer Authority

Megan Yoo Schneider P.E., Director, Municipal Water District of Orange County

LECET Representative

2:15 PM – 3:15 PM

Understanding P3 Pitfalls and Success Factors – the Advisor Perspective: A Practical View of How to Move Projects Forward from People Who Have Done It Before

Harbor Ballroom A

P3 pitfalls and success factors – the advisor perspective: A practical view of how to move projects forward from people who have done it before In this session, representatives from leading financial, legal, engineering and public relations advisory firms will share practical insights and key lessons learned on what it takes to implement water P3 projects. The panel will draw on its collective experience to offer perspectives on what success means in water P3, why the drivers of success are different from those of traditional procurement and contracting models, and to provide procuring authorities with guidance on matters such as how to:

1. Secure stakeholder commitment by embedding engagement and communication strategies into the P3 process
2. Build a robust technical and economic foundation for a successful project through the feasibility study process

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3. Build and sustain credibility with the private sector Design and implement an effective tender process while avoiding procurement and legal pitfalls
4. Manage your advisory team to get the best value out of them

Moderator:

Klair White, Senior Vice President, Ernst & Young Infrastructure Advisors LLC

2:15 PM – 3:15 PM

Green Infrastructure: Investments in the Public and Private Realm

Harbor Ballroom B

As water conservation, utility efficiency, and environmental protection become ever more important priorities for municipalities, green infrastructure is increasingly considered among the measures that can achieve public policy objectives. Meanwhile, as private property owners consider new investments and re-investments in buildings and land, those investments present opportunities to advance water policy objectives while also creating new real estate value by integrating green infrastructure practices. This session will explore the relationship between the objectives of green infrastructure policy, public programs and incentives that can facilitate private investment in green infrastructure, and the financial motivations and imperatives for private real estate investment in green infrastructure on commercial and residential properties.

2:15 PM – 3:15 PM

Performance-Based Contracting by Anne Arundel County to Meet its MS4 Requirements

Harbor Ballroom C

This panel will involve a discussion of how one Maryland County, Anne Arundel County, evolved to a performance-based delivery model for meeting some of their MS4 permitting requirements. It will include a discussion of the background MS4 obligations, the permit metrics and available regulatory practices and accounting tools. In addition, the panel will discuss how the delivery of solutions evolved to the performance-based model over time and why. This will include a discussion on the pros and cons of such a model, the comparative costs and representative procurement approaches. The County will also discuss different ways to achieve their objectives, the forecast for future efforts and ways to improve the process.

Presenters:

George W. Kelly, Chief Markets Officer, RES
Erik Michelsen, Administrator, Anne Arundel County

2:15 PM – 3:15 PM

P3 Development in Rural Communities

Harbor Ballroom D

Rural communities face unique critical infrastructure needs and significant funding challenges that cannot be addressed solely by public resources. Public-private partnerships must be part of the solution. United States Department of Agriculture (USDA) staff and partners will moderate the discussion to explore how public-private partnerships have been able to provide opportunities for development of critical water and wastewater infrastructure in rural areas and small cities. Our presenters will describe their experiences in past and upcoming projects, as well as the challenges

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confronted, and best practices employed in procurement and water project delivery.

Moderator:

Douglas Herbst, DBIA, Freese and Nichols, DBIA Water/Wastewater Liaison to DBIA P3 Committee

3:30 PM – 4:30 PM

Overcoming Barriers to Advance Public-Private Partnerships

Harbor Ballroom A

P3s are frequently touted as one of many strategic solutions to overcome the nation's many water infrastructure challenges. Despite the numerous benefits of P3s, both municipalities and private water companies often face barriers in gaining public support for private sector involvement. A recent poll conducted by the National Association of Water Companies (NAWC) found that public perception of water being a "public good" and fear of negative voter reaction are significant factors impeding the use of P3s. This session will demystify P3s and address the barriers that can deter communities from pursuing a P3 as a potential solution to their water challenges. A panel comprised of both private and public sector representatives will share their respective experiences in overcoming public resistance to private participation in water projects.

3:30 PM – 4:30 PM

P3 Questions and Answers Discussion Session - Where to Go from Here?

Harbor Ballroom B

Join industry leaders and AIAI members for an interactive conversation specifically tailored to audience questions and answers about P3s. Attendees will have the opportunity to submit questions in advance and also join in the discussion of the benefits, values, and applications of P3s in an open dialogue.

4:30 PM

Summit Ends | Exhibitor Breakdown

GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES MARCH 2018

Managers' Meeting	<p>MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on February 22, 2018. In attendance were Cel Pasillas (Garden Grove); Paul Cook and Paul Weghorst (IRWD); Paul Shoenberger (Mesa Water); Drew Atwater (MNWD); Casey Parks (Newport Beach); Mike Markus and John Kennedy (OCWD); Jose Diaz (Orange); Larry Brotman and Dave Rebensdorf (San Clemente); Dan Ferons (SMWD); David Spitz (Seal Beach) Andy Brunhart (SCWD); Hector Ruiz (TCWD); Art Valenzuela (Tustin); Steve Miller (Westminster); Marc Marcantonio and Steve Conklin (YLWD) and Karl Seckel; Harvey De La Torre; Charles Busslinger; Joe Berg; Damon Micalizzi; Heather Baez; Chris Lingad and myself of staff.</p> <p>The agenda included the following:</p> <ol style="list-style-type: none"> 1. CA WaterFix Update MET Budget Process 2. MWDOC Budget Process 3. SB 998 (Dodd) – Water Shutoffs 4. State Board Permanent Regulations – Update <p>The next meeting is scheduled for March 22, 2018.</p>
ACWA DC Conference	<p>In Washington, DC February 27 to March 1, 2018, Directors Yoo Schneider, Tamaribuchi and Barbre and Heather, Melissa and I attended the ACWA Conference. While at the conference, staff attended all of the sessions, and co-hosted MWDOC's annual Water Reliability Investments Congressional Briefing and Luncheon with Eastern Municipal Water District, Inland Empire Utilities Agency and Western Municipal Water District. Heather and Melissa also attended three additional meetings with ACWA staff and members with staff from the U.S. Forest Service; Fish, Wildlife and Parks Acting Assistant Secretary, Jason Larrabee; and the Commissioner of the Bureau of Reclamation, Brenda Burman.</p>
SMWD Strategic Planning Workshop	<p>Director Yoo Schneider and Karl and I participated in the Santa Margarita Water District (SMWD) Strategic Workshop on reliability. The outcome of the strategic planning will guide the next steps in project development within SMWD.</p>

MET ITEMS CRITICAL TO ORANGE COUNTY

MET's Water Supply Conditions

2018 Water Supply Balance

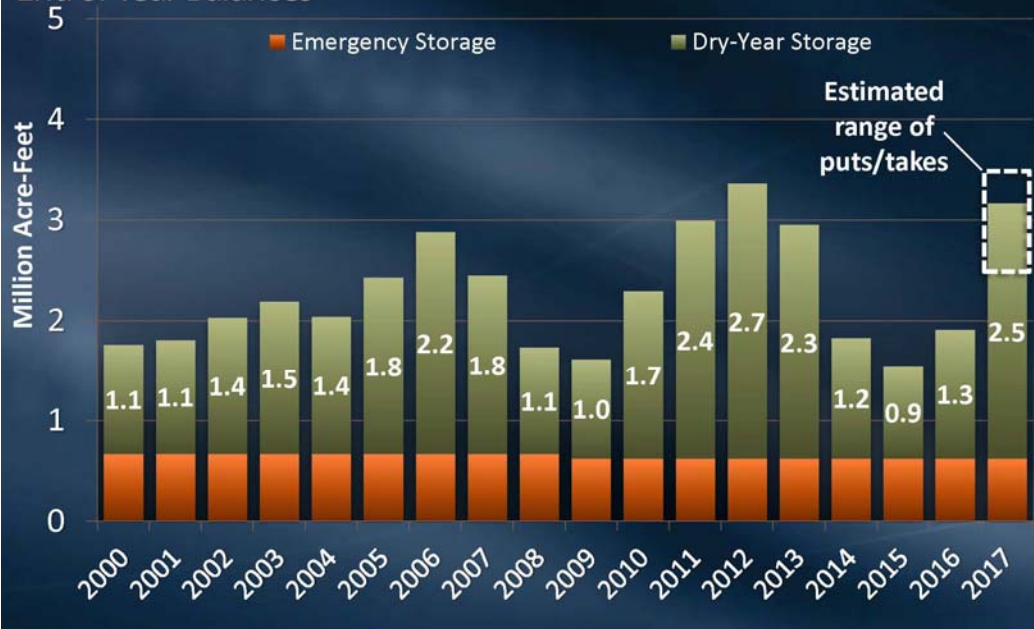
On January 29, 2018, DWR increased the State Water Project (SWP) "Table A" allocation to 20%, giving MET approximately 382 thousand acre-feet (TAF) in SWP deliveries this water year. In addition, on the Colorado River system, MET estimates a total delivery of 945 TAF.

With estimated total demands and losses of 1.67 million acre-feet (MAF), at a 20% SWP allocation, MET is projecting that demands will exceed supply levels in CY 2018 by about 343 TAF. Based on this, estimated total dry-year storage for MET at the end of CY 2018 will go down to 2.2 MAF.

If the next couple of months result in normal hydrologic conditions, DWR's SWP allocation analysis shows that it can support an allocation increase to 40%. At a 40% SWP allocation, MET would receive approximately 765 TAF of SWP deliveries and supplies would exceed demands by roughly 40 TAF.

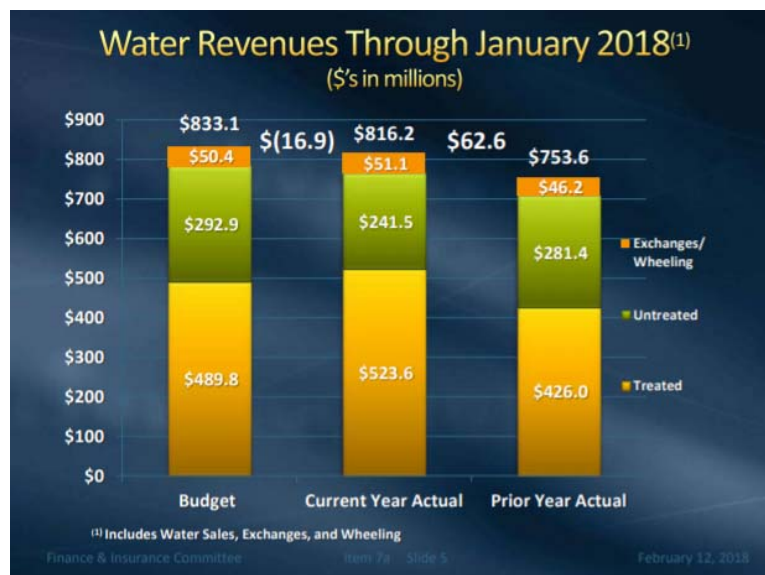
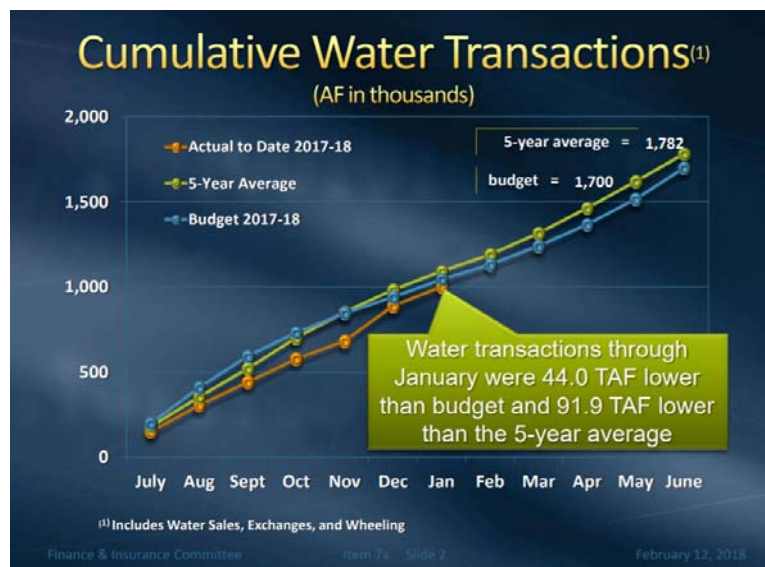
Metropolitan is Forecasting an Increase in Storage Reserves this Year

End of Year Balances



MET's Finance and Rate Issues

Water transactions (sales) through January were 44.0 thousand acre-feet (TAF) lower than budget and 91.9 TAF lower than the 5-year average. In comparison to both the budget and prior year actual sales, the continued cumulative low water transactions can be attributed to decreased untreated water sales; as illustrated below. Although sales through January 2018 are still \$16.9 million lower than the budget, they are \$62.6 million greater than January 2017.

**Colorado River Issues**

In July 2014, the Bureau of Reclamation, Central Arizona Project, Southern Nevada Water Authority, Denver Water, and MET (collectively, the funding agencies) entered into an agreement to establish a pilot program to compensate selected projects implementing voluntary reductions in water use for the benefit of the Colorado River System as a whole.

Colorado River Issues (Continued)	<p>The pilot program is intended to determine the feasibility of using voluntary, compensated reductions in water to partially mitigate the impacts of ongoing drought on the Colorado River System, by increasing water elevation levels in Lakes Mead and Powell with the ancillary benefit of enhancing flows in areas upstream of storage reservoirs. Under the pilot program, the funding agencies jointly select projects in the Colorado River Basin to create conserved water for the benefit of the Colorado River System.</p> <p>Since last year's report, a total of 15 new projects have been placed under contract. These contracts were executed in the Upper Basin for conservation that occurred in 2017 and used all of the \$2.3 million made available by the funding partners. Contracts for conservation in the Lower Basin in 2017 were executed in 2016 and were included in last year's report. These Upper Basin contracts represent an increase in projects in Utah and New Mexico: three in New Mexico, six in Utah, four in Wyoming, and one in Colorado. All of these projects include some sort of fallowing: five for full season fallowing, five for partial season fallowing, three for a combination of partial season fallowing and full season fallowing, and two include partial season fallowing plus alternative cropping.</p> <p>While there were fewer Upper Basin projects approved in 2017 than there were in 2016 (15 as opposed to 21), the total expected conservation from the approved Upper Basin projects increased by approximately 50 percent. The table below lists the contracted projects approved in 2017.</p> <p>A Review Committee made up of the funding agencies has begun evaluating the proposals for implementation in 2018 for projects in the Upper Basin. A total of 30 proposals were received across all four Upper Basin states. These projects represent one municipal project and a mix of fallowing, deficit irrigation, and alternative cropping. While the proposals include mostly fallowing and deficit irrigation projects, there is an increase in applications from farmers within the same watershed to improve efficiency in making sure the water gets to Lake Powell, and the Upper Colorado River Commission intends to apply a more streamlined contracting process that could be beneficial if the pilot evolves into a larger, more permanent, program. Additional information is being gathered for the proposals and the funding agencies are scheduled to make a decision on which proposals to fund in early 2018. A total of \$5 million is available for these projects.</p>
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Colorado River Issues (Cont'd.)	<p>An additional four proposals are expected for projects in the Lower Basin in 2018. A total of \$5.5 million is available for these projects. A decision will be made in the near future as to which of these proposals to fund.</p> <p style="text-align: center;">Colorado River System Conservation Agreement Projects Approved in 2017</p> <table><tr><th>Tributary</th><th>State</th><th>Project Type</th><th>Total Estimated Consumptive Use Savings (Acre-Foot)</th></tr><tr><td>San Juan River & Animas River</td><td>NM</td><td>Combination of Fallow & Partial Season Fallowing</td><td>298</td></tr><tr><td>San Juan River & Animas River</td><td>NM</td><td>Fallow</td><td>95</td></tr><tr><td>San Juan River</td><td>NM</td><td>Alternative Cropping and Partial Season Fallowing</td><td>2,901</td></tr><tr><td>Price River</td><td>UT</td><td>Alternative Cropping & Partial Season Fallowing</td><td>58</td></tr><tr><td>Price River</td><td>UT</td><td>Fallow</td><td>923</td></tr><tr><td>Price River</td><td>UT</td><td>Combination of Fallow & Partial Season Fallowing</td><td>311</td></tr><tr><td>Price River</td><td>UT</td><td>Fallow</td><td>372</td></tr><tr><td>Price River</td><td>UT</td><td>Partial Season Fallowing</td><td>228</td></tr><tr><td>Price River</td><td>UT</td><td>Fallow</td><td>67</td></tr><tr><td>Fontenelle Creek</td><td>WY</td><td>Partial Season Fallowing</td><td>407</td></tr><tr><td>Fontenelle Creek</td><td>WY</td><td>Partial Season Fallowing</td><td>540</td></tr><tr><td>Fontenelle Creek</td><td>WY</td><td>Partial Season Fallowing</td><td>714</td></tr><tr><td>Fontenelle Creek</td><td>WY</td><td>Partial Season Fallowing</td><td>1,083</td></tr><tr><td>Colorado River</td><td>CO</td><td>Combination of Fallow & Partial Season Fallowing</td><td>3,178</td></tr><tr><td>Colorado River & Fraser River</td><td>CO</td><td>Fallow</td><td>233</td></tr><tr><td>Total</td><td></td><td></td><td>11,408</td></tr></table>	Tributary	State	Project Type	Total Estimated Consumptive Use Savings (Acre-Foot)	San Juan River & Animas River	NM	Combination of Fallow & Partial Season Fallowing	298	San Juan River & Animas River	NM	Fallow	95	San Juan River	NM	Alternative Cropping and Partial Season Fallowing	2,901	Price River	UT	Alternative Cropping & Partial Season Fallowing	58	Price River	UT	Fallow	923	Price River	UT	Combination of Fallow & Partial Season Fallowing	311	Price River	UT	Fallow	372	Price River	UT	Partial Season Fallowing	228	Price River	UT	Fallow	67	Fontenelle Creek	WY	Partial Season Fallowing	407	Fontenelle Creek	WY	Partial Season Fallowing	540	Fontenelle Creek	WY	Partial Season Fallowing	714	Fontenelle Creek	WY	Partial Season Fallowing	1,083	Colorado River	CO	Combination of Fallow & Partial Season Fallowing	3,178	Colorado River & Fraser River	CO	Fallow	233	Total			11,408
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Price River	UT	Combination of Fallow & Partial Season Fallowing	311																																																																		
Price River	UT	Fallow	372																																																																		
Price River	UT	Partial Season Fallowing	228																																																																		
Price River	UT	Fallow	67																																																																		
Fontenelle Creek	WY	Partial Season Fallowing	407																																																																		
Fontenelle Creek	WY	Partial Season Fallowing	540																																																																		
Fontenelle Creek	WY	Partial Season Fallowing	714																																																																		
Fontenelle Creek	WY	Partial Season Fallowing	1,083																																																																		
Colorado River	CO	Combination of Fallow & Partial Season Fallowing	3,178																																																																		
Colorado River & Fraser River	CO	Fallow	233																																																																		
Total			11,408																																																																		
Bay Delta/State Water Project Issues	<p><u>California WaterFix</u></p> <p>The California WaterFix Petition proceedings before the State Water Resources Control Board (SWRCB) are ongoing. Part 2 of the hearings addresses the effects of the proposed project on fish and wildlife, including consideration of appropriate Delta flow criteria. Opening briefs for Part 2 were submitted to the SWRCB on November 30, 2017. In January, multiple parties submitted or joined motions to stay the California WaterFix water right hearing for 90 days or longer, and the SWRCB is considering those motions. Part 2 resumed on February 8.</p> <p><u>Science Activities</u></p> <p>MET staff continued participation in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the CM Team (CAMT). January activities focused on evaluation of actions to improve conditions for Delta smelt and on development of a 2018 work plan for CAMT. MET staff provided input to development of CAMT work plan items for 2018; including development of a long-term science plan to assess ambient conditions and management actions on Delta smelt habitat quality and vital rates, and development of salmon projects to assess salmon rearing habitat in the Delta and study the effects of water project operations on salmon behavior and survival in the Delta.</p>																																																																				

Bay Delta/State Water Project Issues (Cont'd.)	<p>MET staff developed a Delta smelt eDNA sampling and reporting study to support management decisions regarding entrainment risk for water operations during January to March 2018. The State Water Contractors provided financial support to the study and it is being conducted by Cramer Fish Sciences.</p> <p>On January 17, MET staff participated in a state and federal water contractor meeting with the Delta Science Program Lead Scientist, Dr. John Callaway, and Delta Science Program staff. The meeting included discussion of planned science activities for 2018 and opportunities for collaboration. In January, MET staff also continued participation on several Interagency Ecological Program Project work teams to provide updates and input to on-going studies, and develop collaborative partnerships for future studies. MET staff participated in the development of future actions for the Flow Alteration project work team, and reviewed the Incidental Take Limit for winter-run Chinook salmon developed by the Winter-run Salmon project work team.</p> <p>MET staff is working with UC Davis, NOAA Fisheries, and the Delta Science Program (DSP) on developing a symposium to better understand the impacts that pathogens and disease have on salmonids. The symposium will be hosted by the UC Davis Coastal and Marine Sciences Institute and the DSP. The symposium will (1) explore our current state of knowledge about salmon pathogens and disease in California, (2) learn about the tools that are available and being developed to better study disease and disease impacts, (3) examine case studies from other river systems that have integrated monitoring and research to manage in-season disease effects on salmon, and (4) identify key information and knowledge gaps necessary to guide research and management of pathogens and disease in wild salmon populations.</p> <p>Bay-Delta Initiatives staff person Corey Phillis coauthored an article on California WaterBlog about Winter-run Chinook salmon and the implications of a recent publication he co-authored on the discovery of previously unidentified rearing habitats for this endangered population. The California WaterBlog is UC Davis' Center for Watershed Sciences blog intended to provide thought-provoking ideas and information on water issues in a digestible form for a policy and educated lay audience.</p> <p>https://californiawaterblog.com/2018/01/07/new-paths-tosurvival-for-endangered-winter-run-chinook-salmon/</p>
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Bay Delta/State Water Project Issues (Cont'd.)	<p><u>Delta Flood Emergency Management Plan</u></p> <p>DWR reported that the Stockton stockpile site of emergency response materials is completed, and that significant rock and other materials storage is available on the ground and in one new and two renovated warehouse facilities. They are evaluating remaining rock contracts to take advantage of the site's full rock storage capability. DWR is also in the final stages of issuing a contract to procure sheet pile to accommodate two deep levee breaches. DWR reports that remaining budgeted Proposition 1E bond funds will provide in the range of \$10 million for sheet pile and \$5-7 million for rock stockpile contracts.</p> <p>DWR reports that their operations staff is returning from extended commitments at the Oroville spillway reconstruction to facilitate the review and finalization of the Delta Flood Emergency Management Plan. DWR is also evaluating emergency response scenarios, and depending on the severity of flooded island conditions, DWR is evaluating timely emergency response capabilities to agencies with less available storage, including partial pathway solutions and fresh water pulses from upstream reservoirs.</p>
ENGINEERING & PLANNING	
Orange County Reliability Study	<p>Staff and consultant CDM Smith continue to work on the 2018 OC Reliability Study update which looks at both supply (drought supply) reliability and system (emergency) reliability. The update uses modeling assumptions based on more recently available information on future assumptions for the Colorado River, and State Water Project (SWP). The update looks to include modeling of SWP supplies once the California WaterFix volumes are determined. MWDOC staff will be meeting with MET staff to seek their input on the new modeling.</p> <p>On February 22, Karl gave a presentation to the South Coast WD Board to provide an update on the emergency reliability portion of the Study. MWDOC has recommended that local agencies plan for up to 60 days without MET and requested input from SCWD and the other south Orange County water agencies on their view of their own agency's emergency reliability needs.</p> <p>At MET, Karl and Charles met with Brandon Goshi and Bill Hasencamp regarding some of the climate work, IRP assumptions and Colorado shortage assumptions relative to the Reliability update.</p> <p>A final supply reliability report is expected in the Spring 2018; the system reliability report will be completed as well but the final recommendations are linked to evaluation of the ability of IRWD to expand or extend the existing SOC Interconnection capacity.</p>

South Orange County Emergency Services Program	<p>A Request For Proposals (RFP) was released on February 23, as part of a possible renewal/extension of the SOC Emergency Services Program with IRWD. The RFP is to study the ability/constraints of IRWD's system to move water through their system to SOC agencies into the future. The current Agreement is in effect through 2029. The agreement defines minimum monthly flow rate 'reservations' through IRWD's system for SOC agencies in the event of a planned or emergency short term outage. The agreement acknowledges IRWD has a diminishing ability to deliver water to SOC over time as IRWD's service area is built out; with zero flow available in the months of July through September beginning in 2020. Proposals are due March 23, 2018. Once proposals have been received and reviewed by MWDOC and IRWD staff, a recommendation to award the study contract will be brought to the MWDOC Board for consideration</p>
North and Central O.C. Integrated Regional Watershed Management Area	<p>Charles attended the March 12 Ad Hoc committee meeting to review and score more than 50 project submissions (as required by DWR) for inclusion into the OC Plan. The projects will be submitted to Santa Ana Watershed Project Authority (SAWPA) for inclusion under the One Water One Watershed (OWOW) Plan.</p> <p>The OC Plan is a sub-regional plan for the Santa Ana Funding Area. As the OC Plan is not a DWR-approved plan for the Santa Ana Funding Area, all projects submitted to the OC Plan will be submitted to SAWPA under the OWOW Plan.</p>
San Juan Basin Authority	<p>The March 13 SJBA Board meeting included results from the Bedrock Barrier Investigation which is looking at a near-surface geologic feature in the lower San Juan Basin. This feature may serve as a barrier to ground-water flows between the City of San Juan Capistrano's and South Coast WD's well fields. If verified, this would allow the two agencies to operate independently of each other and better optimize their groundwater production. The investigation found that the barrier exists on the west side of San Juan Creek but additional work is needed on the east side of the creek to make a complete determination. The SJBA discussions also included input received from the prior month's workshop meeting on key issues the SJBA should be focusing on. At the next SJBA meeting Executive Director, Norris Brandt, will provide further input and recommendations regarding the input received.</p>
Service Connection CM-1 Cost Issues with MET	<p>A meeting was held on February 8 between staff from MWDOC and senior MET staff to discuss a series of alternatives for CM-1 and the concurrent ability to deliver MET water and groundwater to LBCWD through Newport Beach's water system. MWDOC staff will continue to work with MET staff to identify/explore alternatives.</p>

Use of East Orange County Feeder #2	MWDOC has been discussing concepts for pumping groundwater into the EOCF No. 2 for conveyance to SOC during an emergency event. MET staff is currently reviewing the concepts.
Scheduled AMP Shutdown	The March 5– 12 shutdown of the Allen-McColloch Pipeline to relocate OC-76 service connection and replace six aging valves was completed and returned to service as scheduled.
Poseidon Resources	Karl attended the February 9 Santa Ana Regional Water Quality Control Board meeting where staff provided an overview of the required analyses that must be considered for the permit renewal for desalination facilities pursuant to Water Code section 13142.5(b) and the Ocean Plan. The Regional Board will next consider renewal of the Poseidon Permit for the project in 2018, and finally the California Coastal Commission will then consider approval of a Coastal Development Permit. OCWD is still working on the system integration concepts.
Doheny Ocean Desalination Project	<p>Department of Water Resources (DWR) released the draft funding awards for the fourth round of Proposition 1 Desalination Grants (Water Desalination Grant Program). 8 projects out of 30 proposals are recommended for funding to receive a total of \$34.4 million of available funds. Doheny is listed as one of three projects to receive the maximum of \$10 million each for construction funding.</p> <p>GHD is developing a Scope of Work for a 3rd party legal firm to assist with Design-Build-Operate (DBO) contract development. A Request For Proposals (RFP) for 3rd party legal firms is anticipated to be released in early April 2018. The release of the draft South Coast Water District EIR for public comments is anticipated in April 2018 with the final adoption scheduled for July:</p> <p>3/5/18 - 4/15/18 Draft EIR Production 4/16/18 – Release Draft EIR 4/16/18 – 6/15/18 60 day Public Review Period 6/16 - 7/15/18 Prepare Final EIR (Response to Comments) 7/26/18 – South Coast Board Meeting</p>
SMWD Projects/Reliability	At Santa Margarita Water District, Director Jeff Thomas and Karl met with Dan Ferons, General Manager, and Directors Sandra Jacobs and Chuck Gibson to discuss various projects and reliability issues impacting SMWD. The group agreed that these periodic meetings are very useful in understanding the issues affecting projects, especially projects involving water transfers or ground water storage projects.
California WaterFix	Director Sat Tamaribuchi and Karl and I participated in the continuing discussion regarding the fisheries habitat issues associated with the Bay Delta and the California WaterFix. The final report prepared by Dr. Peter Moyle for Orange County Coastkeeper has been published; the paper can be accessed at https://www.coastkeeper.org/white-paper/ . A session is also being planned for the Spring ACWA meeting.

LAFCO	Karl, Harvey and I participated in a discussion with Carolyn Emery and Debra Kurita of LAFCO regarding the update of MWDOC's MSR process that is scheduled to be prepared within the next few years. LAFCO has begun meeting with retail agencies and recently met with both MWDOC and OCWD as regional wholesale agencies.
WEROC Budget	Karl and Kelly met with OCSD General Manager, Jim Herberg, and OCSD director of human resources, Celia Chandler, to discuss WEROC activities in the budget for the coming year. OCSD remains very supportive of the WEROC activities and budget.
County of Orange	Karl, Charles, and Kelly celebrated the retirement of Marilyn Thoms from the County by taking her to lunch and thanking her for all the years of great coordination between the two agencies.

EMERGENCY PREPAREDNESS

Coordination with WEROC Member Agencies	<p><i>Ongoing: WEROC, with Michal Baker as the lead consultant, is facilitating 19 agencies through the process of updating the Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan. Update: Francisco Soto has received first drafts of Section One and Two of the plan for initial review. A complete first draft will be distributed to the planning team on March 26.</i></p> <p>Kelly provided a presentation on the WEROC program and its draft budget considerations to Orange County Sanitation District. WEROC funding agencies include: the Cities of Anaheim, Santa Ana, and Fullerton, as well as Orange County Water District, South Orange County Wastewater Authority, Orange County Sanitation District, and MWDOC.</p> <p>The WEROC Emergency Coordinator Quarterly meeting was February 13. The group discussed lessons learned from assisting with the response to Montecito Water District. Although the water trailers were not used for the response after all, the response still triggered very valuable conversations on the logistical aspects of sharing the trailers during a disaster.</p>
Training and Programs	<p>Kelly attended All Hazard Incident Management Team (AHIMT) introductory training. This class was hosted with Homeland Security Funds and is the first class required for Kelly to assist at Incident Command Posts in the field during disasters. This will allow her to represent our agencies directly in the field.</p> <p>Kelly provided training for the WEROC EOC Staff and Member Agency staff on fulfilling the role of Finance and Administration Section in the EOC during a disaster. She also provided a Refresher Training on the Emergency Water Quality Sample Kit.</p>

Coordination with the County of Orange	<p>Kelly and Francisco attended the February Orange County Emergency Management Organization (OCOMO) meeting and Exercise Design meeting that took place in Newport Beach. Kelly, along with Officer Troy Zeeman (Newport Beach PD) presented on their experience at Route 91 Vegas Shooting and lessons learned for emergency planning. Staff also attended the OCEMO Exercise Design meeting.</p> <p>Kelly attended the Urban Area Working Group (UAWG) meeting. UAWG is the County's grant review and approval body. Kelly is in discussions with the group about funding for generators.</p> <p><i>Ongoing: WEROC staff participation in the OA Agreement Revision Working Group.</i> Update: Francisco attended the OA Agreement meeting which reviewed the updated Sections One, Two, and Seven. A first draft of the full OA Agreement will be distributed for review before March 26. Kelly provided a short presentation to WACO on the OA Agreement Revision process on February 2.</p> <p>Kelly attended the OA Executive Board meeting as the representative for ISDOC. Primary discussion topics included the approval of several OA Annexes (including the Canyon 2 Fire Debris Flow Plan) and recent mutual aid responses.</p> <p>Francisco attended the WebEOC/Communications meeting. WEROC will be assisting the county to beta test some new forms within the system to see how they work for various jurisdictions.</p> <p>Francisco provided feedback to the County for the draft Tsunami Annex. Feedback consisted of clarifying notification procedures from the County to MWDOC member agencies in tsunami zones and WEROC.</p> <p>Francisco attended the Ready OC/See Something Say Something Steering Committee meeting which discussed updates and community events since the last meeting was held and future advertising campaigns and strategies for preparedness.</p>
EOC Readiness	<p>Janine met with cleaning crews to have the WEROC EOC's cleaned.</p> <p>Staff participated in both the OC 800 MHz radio test and the MET MARS radio test.</p> <p>Staff worked with County Parks to have the fire singed trees around the WEROC North EOC removed. These were removed both for safety purposes, as well as to enhance the defensible space around the facility.</p>
Coordination with Outside Agencies	<p>Kelly attended the CalOES Catastrophic Earthquake Plan – Critical Lifelines meeting in Riverside. The CalOES is writing an update to their So</p>

Coordination with Outside Agencies (Continued)	<p>Cal Catastrophic Plan and is asking for local government involvement in the process. This meeting specifically focused on utilities and infrastructure. The goal of the plan is to have pre-scripted playbooks available for a major event.</p> <p>Francisco attended the first quarter meeting for the Southern California Critical Lifelines Workgroup. Cal Catastrophic Plan and is asking for local The presentations explained the fundamentals from production to consumption of water, electricity, telecommunications, and natural gas. Each presentation provided the interdependencies that each sector has on one another during emergencies.</p>
<h2 style="margin: 0;">WATER USE EFFICIENCY</h2>	
Metropolitan Water Use Efficiency Workgroup	<p>On February 15, Rachel Waite attended Metropolitan's Water Use Efficiency Workgroup meeting. Approximately 30 member agencies participated in the meeting. Agenda items included:</p> <ul style="list-style-type: none"> • Metropolitan Board Presentation for February to Conservation and Local Resources Committee • Western Municipal Water District Turf Replacement Program Evaluation • Metropolitan Water District Updates <ul style="list-style-type: none"> ○ 2018 Innovative Conservation Program (ICP) ○ EGIA New Platform and Dashboard • External Affairs and Outreach Update • ICP Project – Eyeon 18 “UAS Utilization for Water Savings in Irrigated Turfgrass” • Member Agency Updates • Future Meeting Items <p>The next Workgroup meeting is scheduled for March 15, 2018 at MET.</p>
State Water Resources Control Board (SWRCB) Wasteful Water Uses Regulation	<p>On February 20, Joe Berg attended, via streaming, a SWRCB meeting that included a hearing to adopt the Wasteful Water Uses Regulation. At the beginning of the meeting, Chair Marcus announced that the hearing was cancelled, but that a workshop would be held to allow for public input. The hearing was cancelled because additional modifications to the proposed Regulation were made. The most substantive change moved the date to grandfather publically owned and maintained street medians and parkways irrigated with recycled water from January 1, 2018 to January 1, 2019. The Board will hold a hearing in April to consider adoption of the Regulation. If adopted, the Regulation will become effective July 1, 2018.</p>

Orange County Water Use Efficiency Workgroup	<p>On March 1, Steve Hedges, Beth Fahl, Damon Micalizzi, Sarah Wilson, and Rachel hosted the Orange County Water Use Efficiency Coordinators Workgroup meeting at MWDOC. Approximately 20 agencies participated in the meeting. Highlights on the agenda included:</p> <ul style="list-style-type: none"> • MWDOC Updates • Agency Roundtable/Problem Solving • Water Supply Update • Public Affairs Update • State Water Resources Control Board Update • Metropolitan Update <ul style="list-style-type: none"> ○ MWD Board Update – February ○ EGIA Platform ○ Innovative Conservation Program (ICP) Release • Water Use Efficiency Programs Update <ul style="list-style-type: none"> ○ Spray to Drip Program Results ○ Orange County Qualified Water Efficient Landscaper Training (OC-QWEL) ○ Landscape Design Assistance Program ○ Droplet Update • CalWEP Update • Future Agenda Items <p>The next meeting is scheduled for April 5, 2018 at MWDOC.</p>
Leak Detection Equipment Project Advisory Committee (PAC)	<p>On March 5, 2018, Joe convened the Leak Detection Equipment PAC to review equipment and purchase quotes submitted in response to the Leak Detection Equipment Request for Quotes. PAC Members include Anthony Manzano from Yorba Linda WD, Lucy Andrews from Water Systems Optimization, and Robert Young from El Toro Water District. The committee focused on ground microphones, sounding rods, pressure loggers, and pipe finders. Staff is now in the process of reviewing references and will meet again in late March/early April.</p>
California Water Efficiency Partnership CalWEP Partner Plenary	<p>On March 7, Joe chaired CalWEP's Partner Plenary meeting hosted by the Regional Water Authority at Sacramento County Regional Sanitation District office in Sacramento. Items on the Agenda included:</p> <ul style="list-style-type: none"> • Welcome and Host Presentation • Executive Director's Report Keynote: "Preparing for California's Next Drought: Roles for Urban Utilities, the State, and the Public" • CalWEP Strategic Plan and Member Listening Tour • California Urban Water Conservation Delivers Bonus Energy Savings • Yin and Yang: Positioning Your Water Conservation Portfolios for Energy Efficiency Gains • Avoided Cost Analysis of LADWP's Rates • Presentation to Valencia Water of Platinum G480 Status

SWRCB Water Loss Stakeholder Workgroup	On March 9, Joe participated in the SWRCB's first Water Loss Control Stakeholder Workgroup meeting held at the California EPA building in Sacramento. This stakeholder workgroup is charged with shaping the water loss standard required by SB555. According to the legislation, the standard must be adopted by 2019. The next meeting is scheduled for June.
Water Loss Control Workgroup	<p>On March 13, Joe hosted the Water Loss Control Workgroup meeting. Thirty-one staff members from 19 agencies attended the meeting. Items on the agenda included:</p> <ul style="list-style-type: none"> • Water Loss Updates <ul style="list-style-type: none"> ○ Wav Certificate Program ○ Leak Detection Equipment Acquisition ○ Future Meeting Topics ○ Water Loss Control Shared Services Business Plan • The Finances of Water Loss Control <ul style="list-style-type: none"> ○ Water Audit Refresher ○ Financial Inputs in the Water Audit ○ Financial Input Data Validity Grades ○ The Value of Leakage ○ Planning Cost-Justified Intervention • Year 3 Timeline Update <ul style="list-style-type: none"> ○ Spring Calendar and Activities ○ Planning Contingent Tasks ○ Future Years (Years 4 And 5) • Discussion And Questions
PUBLIC/GOVERNMENT AFFAIRS	
Member Agency Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Prepared an itinerary, secured speakers, and hosted a Public Affairs Workgroup (PAW) for MWDOC member agency public affairs professionals • Provided PAW group with Water Awareness Poster Contest media kit • Provided PAW group promotional materials for HS Program Voice4Water video contest • Working with Member Agencies and Stetson Engineering on Consumer Confidence Reports <p>Heather provided an update on SB 998 (Dodd) legislation dealing with retail water shutoffs at the MWDOC Managers' Meeting. She is also collecting agencies' shutoff policies to share with ACWA. Heather provided a legislative update to the PAW/Leg working group</p>

Community Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> Facilitated a Ricki Raindrop appearance on LBCWD's <i>Waves of Freedom</i> float for the City of Laguna Beach's Patriot's Day parade <ul style="list-style-type: none"> The float won first place in the commercial division The float was featured on the front page of the Daily Pilot Facilitated a Ricki Raindrop appearance at the City of Dana Point Festival of Whales with SCWD Facilitated a Ricki Raindrop appearance at Placentia Yorba Linda Unified School District's 2018 Shamrock Run
Education	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> Provided information to East Orange County WD regarding their upcoming high school visits Provided information to Mesa Water regarding their upcoming high school expo and elementary school materials Provided information to South Coast WD regarding their upcoming high school visits Provided information to Buena Park regarding their upcoming high school visits Sent member agencies prescribed targets for 18/19 Choice School Programs Presented to WUE workgroup on the HS Program Voice4Water video contest Provided information to El Toro WD regarding their upcoming high school and elementary school visits Attended El Toro HS 1st visit with El Toro WD staff Attended MET Virtual Reality school visit at Los Amigos HS Updated website with Elementary and HS school visit dates
Media Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> Working with Wyland Foundation on updates to the 2018 Mayor's Challenge media kit <p>Prepared a media kit for the 2018 Mayor's Challenge to distribute to OC cities</p>
Special Projects	<p>Public Affairs staff:</p> <ul style="list-style-type: none"> Are currently working on itineraries, trip logistics, guest and Director requirements for the following inspection trips: <ul style="list-style-type: none"> April 6, 2018 Director McKenney, DVL April 27-29, 2019 Director Dick, SWP/CV Ag Participated in a WEROC WebEOC training Sent an invite blast for the April 19 Water Policy Forum & Dinner featuring keynote speaker Karla Nemeth Worked with the MWDOC database coordinator to finalize the 2018 MWDOC Directory Attended MET's #Connect2Met event which educates local business on how to do business with public agencies. Directors Dick, Yoo-Schneider, and MET Director McKenney also attended.

Special Projects (Continued)	<p>Heather staffed the WACO Planning Committee meeting and coordinated the speakers from Southern California Edison and the Gas Company for the March program – Exposing the Myths of Public Utilities. Directors Dick and Finnegan also attended the planning committee.</p> <p>Heather and Melissa staffed Director Ackerman on her State Water Project Inspection trip, February 23-24.</p> <p>Heather staffed the ISDOC Executive Committee meeting. Director Finnegan also attended.</p>
Legislative Affairs	<p>Public Affairs staff:</p> <ul style="list-style-type: none"> • Prepared resolutions for Congressmen Darrell Issa and Ed Royce <p>Heather and Melissa participated in the MET member agency legislative conference calls.</p> <p>Heather attended ACWA's State Legislative Committee meeting in Sacramento and also participated in ACWA's SB 998 (Dodd - water shutoffs) working group.</p> <p>Heather participated in MET's Member Agency Working Group on AB 1668 & SB 606 – the conservation bill package.</p> <p>At IRWD, Heather attended a MWDOC member agency legislative staff working group with staff from IRWD, SMWD, Mesa Water and OCWD.</p> <p>In Sacramento, Heather and Melissa attended a reception hosted by the water districts of Inland Empire Utility Agency and Orange County. They also attended ACWA's annual Legislative Symposium. Also in Sacramento, they participated in ACWA's working group on AB 1668 and SB 606 – the conservation bill package.</p>
Water Summit	<p>Public Affairs staff:</p> <ul style="list-style-type: none"> • Prepared and sent a first invite blast for the 2018 OC Water Summit • Prepared and sent a first Sponsorship Opportunity blast for the 2018 OC Water Summit • Continue to work with the Disneyland Grand Californian Hotel on event logistics • Worked through OCWD to finalize Disney graphics for the event invite, the sponsorship brochure, the program, and the ocsummit.com website • Participated in a MWDOC and OCWD staff meeting (pre-committee meeting) • Lead and participated in an OC Water Summit Committee meeting with MWDOC and OCWD staff and Directors.

INFORMATION CALENDAR

**MWDOC GENERAL INFORMATION
ITEMS**

MWDOC BOARD OF DIRECTORS

- Brett R. Barbre
- Larry D. Dick
- Wayne Osborne
- Joan Finnegan
- Sat Tamaribuchi
- Jeffery M. Thomas
- Megan Yoo Schneider