

REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
January 15, 2020, 8:30 a.m.

AGENDA

MOMENT OF SILENCE

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. 2092

CONSENT CALENDAR (Items 1 to 5)

(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. December 4, 2019 Adjourned Workshop Board Meeting
- b. December 18, 2019 Regular Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: December 2, 2019
- b. Administration & Finance Committee Meeting: December 11, 2019
- c. Public Affairs & Legislation Committee Meeting: December 16, 2019

- d. Executive Committee Meeting: December 19, 2019

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of December 31, 2019
b. MWDOC Disbursement Registers (December/January)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of November 30, 2019
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 November 30, 2019

Recommendation: Receive and file as presented.

5. APPROVE REVISIONS TO THE ADMINISTRATIVE CODE SECTION 1307 AND THE GENERAL MANAGER'S PERFORMANCE EVALUATION GUIDELINES

Recommendation: Approve the proposed revisions to Administrative Code Section 1307 and to the General Manager's Performance Evaluation Guidelines, as presented.

End Consent Calendar

ACTION ITEMS

6-1 STANDING COMMITTEE AND AD HOC COMMITTEE APPOINTMENTS FOR 2020; SCHEDULE OF COMMITTEE MEETING DATES FOR 2020

Recommendation: (1) Ratify the list of Standing Committee and Ad Hoc Committee Appointments as presented by the President of the Board; and (2) ratify Committee meeting dates/times for 2020.

6-2 ASSOCIATION AND COMMISSION APPOINTMENTS FOR 2020 RES. NO. ____

Recommendation: (1) Ratify the appointment of Representatives and Alternates to Associations as presented by the President of the Board; and (2) Adopt Resolution approving the appointment of one Representative and one Alternate to the Santiago Aqueduct Commission (SAC), for submission to SAC.

End Consent Calendar

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

7. GENERAL MANAGER'S REPORT, JANUARY 2020 (ORAL AND WRITTEN)

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

8. 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
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
December 4, 2019

The Workshop Board Meeting of the Board of Directors of the Municipal Water District of Orange County (MWDOC) scheduled for Wednesday, December 4, 2019 at 8:30 a.m., at the offices of the District, 18700 Ward Street, Fountain Valley, California, was canceled due to lack of a quorum. A Notice of Cancellation was thereon duly posted.

APPROVED:

Maribeth Goldsby, District Secretary

**MINUTES OF THE REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
December 18, 2019**

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 McVicker led the Pledge of Allegiance, Mr. Laer Pearce conducted an invocation, and Secretary Goldsby called the roll.

MWDOC DIRECTORS

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

STAFF

Robert Hunter, General Manager
Karl Seckel, Assistant General Manager
Joe Byrne, Legal Counsel
Maribeth Goldsby, Board Secretary
Cathy Harris, Admin. Services Manager
Damon Micalizzi, Director of Public Affairs
Harvey De La Torre, Associate General Manager
Melissa Baum-Haley, Prin. Water Resources Analyst
Heather Baez, Government Affairs Manager
Chris Lingad, Water Resources Analyst

ALSO PRESENT

Linda Ackerman
Larry McKenney
Jose Vergara
Jim Atkinson
Kelly Rowe
Chuck Gibson
Jim Leach
Dennis Erdman
Fernando Paludi
Brooke Jones
Marc Marcantonio
Laer Pearce

MWDOC/MET Director
MWDOC/MET Director
El Toro Water District
Mesa Water
Orange County Water District
Santa Margarita Water District
Santa Margarita Water District
South Coast Water District
Trabuco Canyon Water District
Yorba Linda Water District
Yorba Linda Water District
Laer Pearce & Associates

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.

General Manager Hunter advised that an update to Item No. 6-3 (MWDOC Legislative and Regulatory Policy Principles Annual Update) was presented to the Board and posted on the website.

EMPLOYEE RECOGNITION

General Manager Hunter recognized and commended Melissa Baum-Haley (Principal Water Resources Analyst) and Rachel Waite (Water Use Efficiency Analyst II) for the development of MWDOC's water savings research, recently featured within the Alliance for Water Efficiency Utility Program Guide on Sustainable Landscape publication, with international distribution.

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.

Upon MOTION by Director Finnegan, seconded by Thomas, and carried (7-0), the Board approved the Consent Calendar items as follows. Directors Barbre, Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi, and Thomas and voted in favor.

MINUTES

The following minutes were approved.

November 6, 2019 Workshop Board Meeting
November 20, 2019 Regular Board Meeting

COMMITTEE MEETING REPORTS

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

Planning & Operations Committee Meeting: November 12, 2019
Administration & Finance Committee Meeting: November 13, 2019
Public Affairs & Legislation Committee Meeting: November 18, 2019
Executive Committee Meeting: November 21, 2019

TREASURER'S REPORTS

The following items were ratified and approved as presented.

MWDOC Revenue/Cash Receipt Register as of November 30, 2019
MWDOC Disbursement Registers (November/December)

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 October 31, 2019

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 October 31, 2019

PERFORMANCE MANAGEMENT – MUNICIPAL RESOURCE GROUP (MRG) – AUTHORIZE STAFF TRAINING

The Board authorized \$36,000 for staff training outside of the original scope of work with MRG for the Performance Management System, Option 1.

- END CONSENT CALENDAR –

ACTION CALENDAR

REORGANIZATION OF THE MWDOC BOARD OF DIRECTORS; ELECTION OF PRESIDENT AND VICE PRESIDENT

Director Dick made a MOTION to nominate Director Joan Finnegan as President and Director Sat Tamaribuchi as Vice President; Director Tamaribuchi seconded the MOTION. Director Finnegan thanked them for their support, but stated she must decline the nomination, noting she would prefer Director Thomas be nominated as President.

Director Dick then made a MOTION to nominate Director Sat Tamaribuchi as President and Director Joan Finnegan as Vice President; Director McVicker seconded the MOTION.

Director Finnegan made a SUBSTITUTE MOTION to nominate Director Jeffery Thomas as President and Director Tamaribuchi as Vice President. By a vote of 3-4, the SUBSTITUTE MOTION failed. Directors Finnegan, Thomas and Barbre voted in favor; Directors Dick, McVicker, Yoo Schneider, and Tamaribuchi opposed.

Returning to Director Dick's MOTION (seconded by Director McVicker), the Board adopted RESOLUTION NO. 2090 by a 6-1 vote, electing Director Sat Tamaribuchi as President, and Director Joan Finnegan as Vice President. RESOLUTION NO. 2090 was adopted by the following roll call vote:

AYES: Directors Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi & Thomas

NOES: Director Barbre
ABSENT: None
ABSTAIN: None

President Tamaribuchi assumed the Chair position, and thanked Director Barbre for his leadership over the last two years.

APPOINTMENT OF SECRETARY, TREASURER(S), AND LEGAL COUNSEL

President Tamaribuchi announced that the proposal to appoint the District's Secretary, Treasurer(s), and Legal Counsel was before the Board for consideration.

Upon MOTION by Director Finnegan, seconded by Director McVicker, and carried (7-0), the Board adopted RESOLUTION NO. 2091 appointing Maribeth Goldsby as Board Secretary, Hilary Chumpitazi as Treasurer, Robert Hunter as Deputy Treasurer, Mary Snow as Alternate Deputy Treasurer, Jeff Stalvey as Alternate Deputy Treasurer, Lina Gunawan as Alternate Deputy Treasurer, and Best, Best & Krieger and Joe Byrne as Legal Counsel, by the following roll call vote:

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

MWDOC LEGISLATIVE AND REGULATORY POLICY PRINCIPLES ANNUAL UPDATE

Director Dick noted that the Public Affairs & Legislation Committee held a robust discussion on this matter and recommended revisions (which were distributed to the Board) and recommended support.

Upon MOTION by Director Dick, seconded by Director Finnegan, and carried (7-0), the Board adopted the updated Legislative Policy Principles as presented by the Public Affairs & Legislation Committee. Directors Barbre, Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

EXTENSION OF LOCAL ADVOCACY CONTRACT WITH LEWIS CONSULTING GROUP

Upon MOTION by Director Barbre, seconded by Director Yoo Schneider, and carried (7-0), the Board extended the local advocacy contract with Lewis Consulting Group for 2020. Directors Barbre, Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

EXTENSION OF FEDERAL LEGISLATIVE ADVOCACY CONTRACT WITH BARKER LEAVITT, PC

Upon MOTION by Director Barbre, seconded by Director Yoo Schneider, and carried (7-0), the Board extended the federal advocacy contract with Barker Leavitt, PC for 2020. Directors Barbre, Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

EXTENSION OF STATE LEGISLATIVE ADVOCACY CONTRACT WITH BEST, BEST & KRIEGER

Upon MOTION by Director Barbre, seconded by Director Yoo Schneider, and carried (7-0), the Board extended the state advocacy contract with Best, Best & Krieger for 2020. Directors Barbre, Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

APPROVAL OF AMENDMENT TO MWDOC CONTRACT WITH STRATEGIC DIGITAL COMMUNICATIONS CONSULTING FIRM HASHTAG PINPOINT CORPORATION

Upon MOTION by Director Barbre, seconded by Director McVicker, and carried (7-0), the Board authorized amending the current contract with Hashtag Pinpoint Corp. for an additional \$40,000, utilizing grant funds from Metropolitan, for the production of up to 15 How-To Videos promoting Water Use Efficiency. Directors Barbre, Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

Director Dick requested staff provide status updates to the Board, along with copies of the video(s).

PARTICIPATION IN THE CALIFORNIA WATER ENVIRONMENT ASSOCIATION (CWEA)

Upon MOTION by Director McVicker, seconded by Director Dick, and carried (7-0), the Board authorized Director Yoo Schneider's candidacy for the CWEA Board of Directors as Vice President of the South (to be President in the third year of a four year term). Directors Barbre, Dick, Finnegan, McVicker, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

The Board requested regular reports/updates. Director Yoo Schneider thanked the Board.

INFORMATION CALENDAR**GENERAL MANAGER'S REPORT, DECEMBER 2019**

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

Director Barbre referenced the Confidentiality Agreement between MWDOC and South Coast Water District regarding the Doheny Ocean Desalination Project and asked when the terms would expire or become public. General Manager Hunter explained that one of the purposes of the agreement was to allow MWDOC to participate on the vendor selection for the Project. Staff will update the Board on the current schedule.

Director Yoo Schneider announced that the District received several awards at the recent ACWA conference and commended Government Affairs Manager Heather Baez for her efforts with respect to earning these awards.

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 Yoo Schneider advised that she attended the Executive, Administration & Finance, and Public Affairs & Legislation Committee meetings, as well as the two OC Water Summit planning meeting, a meeting with South Coast Water District, the San Juan Capistrano Coffee Chat, the CCEEB/CED meeting, the Laguna Beach County Water District commission meeting, and a meeting with Water UCI. She noted that she was invited to be a voting member of the National Science Foundation Drinking Water Additives Joint Committees for treatment chemicals and system components and was able to vote on NSF 60 and 61; she will also be participating in various tasks forces through this organization. Director Yoo Schneider also advised that she attended the premier of the Brave New World documentary regarding water and wastewater challenges.

Director Thomas stated that he attended Planning & Operations, Administration & Finance, Public Affairs & Legislation, and Executive Committee meetings, the Workshop Board meeting, the Colorado River Water Users Association conference, the ACWA conference and two OC Water Summit Planning meetings.

Director Finnegan noted that she attended the Planning & Operations, Administration & Finance, and Public Affairs & Legislation Committee meetings, as well as the ISDOC Executive Committee meeting.

Director Barbre reported on his attendance at the following meetings in his capacity as MET Director: the MWDOC/MET Director delegation meeting (early), the MET Local Infrastructure inspection trip, the MET Board and Committee meetings, the reception honoring Brad Hiltcher, the reception honoring Bard Water, the MWDOC/MET Director delegation meeting (late), and the OC Water Summit Planning Committee meeting. In his capacity as MWDOC Director he attended the following meetings: MWDOC/OCWD/YLWD Joint Committee meeting, the OC Water Summit Planning meeting, the Planning & Operations, Administration & Finance, and Public Affairs & Legislation Committee meetings, as well as a meeting with La Habra Councilman Tim Shaw, a meeting with Brea Councilwoman Cecelia Hupp, and the Colorado River Water Users Association conference.

Director McVicker reported that he attended the Planning & Operations, Administration & Finance, Public Affairs & Legislation, and Executive Committee meetings, the Workshop Board meeting, the ACWA conference, including the ACWA Groundwater, Water Management, and Water Quality Committee meetings, a Town Hall meeting featuring Steve La Mar as moderator

(regarding the Governor's Resiliency Portfolio), the Fountain Valley City Council meeting where he presented Mark Lewis (retiring) with MWDOC's Proclamation, the WACO Planning and WACO meetings, and the MET Committee meetings (via web). He noted that he would be meeting with Assemblyman Tyler Diep later in the week.

Director Dick reported he attended Planning & Operations, Administration & Finance, Public Affairs & Legislation, and Executive Committee meetings, the Workshop Board meeting, the MWDOC/MET Directors meeting, the MET Board and Committee meetings, the WACO Executive Committee meeting, the Urban Water Institute conference planning meeting, and the Garden Grove Chamber's Legislative Committee meeting.

Director Tamaribuchi reported on attending the regularly scheduled MWDOC meetings except the Planning & Operations Committee meeting (Administration & Finance, Public Affairs & Legislation, and Executive Committee meetings, as well as the Workshop and Regular Board meetings), as well as the CCEEB-CED meeting, the ACWA Conference, the OCBC Infrastructure Committee meeting, and the CEPI Water Conference as a speaker

b. REQUESTS FOR FUTURE AGENDA TOPICS

Director Barbre referenced a recent Public Records Act request the District received from the Attorney General's office regarding the Legislative Policy Principles and the discussion held at the Public Affairs & Legislation Committee, and asked how this may have come to the attention of the Attorney General's office. General Manager Hunter advised that although he has no indication of how the information was received by the Attorney General's office, all of the meeting materials are posted to the website.

ADJOURNMENT

There being no further business to come before the Board, President Tamaribuchi adjourned the meeting at 9:00 a.m.

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
December 2, 2019 – 8:30 a.m. to 9:41 a.m.
Conference Room 101

P&O Committee:

Director Megan Yoo Schneider (absent)
Director Sat Tamaribuchi (absent)
Director Larry Dick (arr 8:33)

Staff:

Karl Seckel, Chris Lingad, Kevin Hostert,
Katie Davanaugh, Damon Micalizzi,
Melissa Baum-Haley, Charles Busslinger,

Also Present:

Director Joan Finnegan
Director Jeff Thomas
Director Bob McVicker
Director Brett Barbre
Peer Swan, Irvine Ranch Water District
Paul Weghorst, Irvine Ranch Water District
Jim Atkinson, Mesa Water
Doug Reinhart, Irvine Ranch Water District
Adam Hutchinson, Orange County Water District

Director Barbre chaired the meeting and called it to order at 8:30 a.m. Directors Finnegan and McVicker sat on the Committee in the absence of Directors Yoo Schneider and Tamaribuchi.

PUBLIC COMMENTS

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

No items were distributed.

DISCUSSION ITEM

**COMMENT/OBSERVATIONS ON STORAGE IN CALIFORNIA, SOUTHERN
CALIFORNIA AND CDM ANALYSIS OF THE COSTS AND BENEFITS OF NEW
SURFACE STORAGE IN SOUTHERN CALIFORNIA**

Mr. Seckel provided a presentation on the evaluation of a new surface storage reservoir in Southern California, including the purposes and types of storage, background on storage for

supply yield purposes and MET flexible storage locations, which include local, Central Valley/State Water Project and Colorado River Aqueduct. CDM Smith has conducted an evaluation and analysis of options and completed various assumptions and modeling scenarios that were reviewed in the presentation.

Mr. Seckel and the Committee held considerable discussion on the various scenarios and factors that impact each scenario, including cost to build, unit cost of water, yield, climate change, the Carson Reuse project, Delta Conveyance, demand, groundwater storage, unfilled capacity, the Water Fix and other variables. Conclusions from the CDM Smith report indicate that a new MET surface reservoir in Southern California is not cost effective.

The Directors noted issues with the size of the reservoirs considered and asked if an 800,000 acre/foot reservoir would be more cost effective and also questioned the conceptual cost of the reservoir. Staff indicated they would follow-up.

Director Barbre departed the meeting at 9:35 and Director Dick chaired the meeting.

INFORMATION ITEMS

AMERICA'S WATER INFRASTRUCTURE ACT (AWIA) STATUS UPDATE

The report was received and filed.

SANTA ANA REGIONAL WATER QUALITY CONTROL BOARD (SANTA ANA WATER BOARD) RECOMMENDATIONS REGARDING THE POSEIDON REGIONAL BAORD PERMTIS AND OCEAN PLAN AMENDMENT COMPLIANCE

The Poseidon Group will be presenting at the Huntington Beach City Council on December 6, 2019.

STATUS REPORTS

- a. Ongoing MWDOC Reliability and Engineering/Planning Projects
- b. WEROC
- c. Water Use Efficiency Projects

The status 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 before the Committee, the meeting adjourned at 9:41 a.m.

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
ADMINISTRATION & FINANCE COMMITTEE
December 11, 2019 – 8:30 a.m. to 8:47 a.m.
Conference Room 101

A&F Committee:

Director Jeff Thomas (absent)
Director Joan Finnegan
Director Bob McVicker

Staff:

Rob Hunter, Karl Seckel, Joe Berg,
Katie Davanaugh, Maribeth Goldsby,
Hilary Chumpitazi, Cathy Harris,
Damon Micalizzi, Charles Busslinger

Also Present:

Director Sat Tamaribuchi
Director Brett Barbre
Director Larry Dick
MWDOC MET Director Linda Ackerman
Jim Atkinson, Mesa Water

In the absence of Director Thomas, Director Barbre chaired the meeting and 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.

PROPOSED BOARD CONSENT CALENDAR ITEMS

TREASURER'S REPORT

- a. Revenue/Cash Receipt Report – November 2019
- b. Disbursement Approval Report for the month of December 2019
- c. Disbursement Ratification Report for the month of November 2019
- d. GM Approved Disbursement Report for the month of November 2019
- e. Water Use Efficiency Projects Cash Flow – November 30, 2019
- f. Consolidated Summary of Cash and Investment – October 2019
- g. OPEB and Pension Trust Fund monthly statement

FINANCIAL REPORT

- a. Combined Financial Statements and Budget Comparative for the Period ending September 30, 2019
- b. Quarterly Budget Review
- c. FY 2018-19 Audit Report and Presentation regarding Audit Report.

Following review of the Consent Calendar items which included the Treasurer's Report and Financial Report, upon MOTION by Director Finnegan, seconded by Director McVicker and carried (3-0), the Committee recommended the Treasurer's Report and Financial Report for approval at the December 18, 2019 Board meeting. Directors Finnegan, Barbre and McVicker voted in favor.

ACTION ITEMS**PERFORMANCE MANAGEMENT – MUNICIPAL RECOURSE GROUP (MRG) –
AUTHORIZE STAFF TRAINING**

Upon MOTION by Director McVicker, seconded by Director Finnegan and carried (3-0), the Committee recommended approval of the Performance Management training by MRG at the December 18, 2019 Board meeting. Directors Finnegan, Barbre and McVicker voted in favor.

**PARTICIPATION IN THE CALIFORNIA WATER ENVIRONMENT ASSOCIATION
(CWEA)**

The Committee held discussion on the term of membership and reviewed services offered by CWEA.

Director McVicker made a MOTION for approval of this membership. The MOTION failed for lack of a second.

DISCUSSION ITEMS**FY 2020-21 BUDGET SCHEDULE**

Mr. Hunter noted that staff is in the process of preparing financial data for the upcoming budget year. Director Barbre inquired how much the budget pool had been over the past couple years as well as the total cost of legal fees over the past couple years. Staff has collected that information and Mr. Hunter will distribute it to the Directors.

The Committee held discussion on which studies or services will need to be included in the upcoming budget year and Mr. Seckel responded that the Integrated Water Resources Management Plan and Urban Water Management Plan (including demand projections) will need to be completed in 2021. The Committee requested that a complete listing of memberships and conferences, by staff and Directors, be reviewed during the budget process.

INFORMATION ITEMS

STATUS UPDATE RE OFFICE CONSTRUCTION/REHAB/SEISMIC RETROFIT

Mr. Hunter reported that the initial review by the City of Fountain Valley was made and corrections to the plan are currently being made. Resubmittal of the plans will be presented to the City the week of December 9th. Mr. Hunter noted that the office remodel will include an additional 10 work spaces to allow for potential growth.

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 items were presented.

ADJOURNMENT

There being no further business brought before the Committee, the meeting was adjourned at 8:47 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

December 16, 2019 – 8:30 a.m. to 10:28 a.m.

MWDOC Conference Room 101

Committee:

Director Dick, Chairman
Director Thomas
Director McVicker

Staff:

Rob Hunter, Karl Seckel,
Traci Muldoon, Tina Dubuque
Damon Micalizzi, Heather Baez
Tiffany Baca, Harvey De La Torre,
Joe Berg

Also, Present:

Director Sat Tamaribuchi
Director Joan Finnegan
Director Brett Barbre
Director Megan Yoo Schneider
Linda Ackerman, MWDOC MET Director
Jim Barker, Barker Leavitt – via teleconference
Ryan Leavitt, Barker Leavitt – via teleconference
Syrus Devers, BBK
Dick Ackerman, Ackerman Consulting
John Lewis, Lewis Consulting
Jim Atkinson, Mesa Water
Chuck Gibson, Santa Margarita Water District
Alicia Dunkin, Orange County Water District
Kelly Rowe, Orange County Water District
Tim Kearns, Hashtag PinPoint
Mike Gaskins, El Toro Water District
Kay Havens, El Toro Water District

Director Dick called the meeting to order at 8:30 a.m. In Director Thomas's absence Director Barbre sat on the committee. At 8:36 a.m., Director Thomas arrived at the meeting and took his place on the committee.

PUBLIC PARTICIPATION

No public comments 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.

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

Mr. Jim Barker stated that later today, the House and Senate are going to release two different Appropriations packages. The current funding authorization that funds all government agencies expires Friday, December 20. The House and Senate are ready to pass two packages this week that will fund the entire Federal government for the rest of this fiscal year.

Mr. Barker went on to explain that the House negotiators failed to include Perfluorooctanoic acid (PFAS/PFOS) language in the defense authorization bill. He also shared that the IRS stated legislation needed to be put through so that turf removal rebates would not be considered income.

b. State Legislative Report (BBK)

Mr. Syrus Devers reported that the SB 200, (Monning) Safe and Affordable Drinking Water Fund work group has been formed. He said he was a bit surprised by the composition of this group and would have expected a little more large district membership and input.

General Manager Rob Hunter shared that MWDOC received two awards at the ACWA Conference two weeks ago; the Outreach Award for Region 10 and the State Outreach Award for Districts MWDOC's size. The Outreach Awards are for the outstanding work Syrus Devers and Government Affairs Manager Heather Baez do working with ACWA and responding to the requests to go out and promote issues in Sacramento as well as working with MWDOC Member Agencies.

c. County Legislative Report (Lewis)

Mr. John Lewis stated that LAFCO did not meet this month. He said that the County Board of Supervisors is scheduled to meet with a short agenda but will cover their annual financial recap.

d. Legal and Regulatory Report (Ackerman)

Mr. Dick Ackerman shared that there was a panel at the ACWA Conference that included the General Managers of Santa Clara Water and Paradise Irrigation District. The discussion centered on the issues they went through during and after the recent wildfires, what they learned about handling them and how to address those situations in the future.

DISCUSSION**SOUTHERN CALIFORNIA WATER ISSUES CONGRESSIONAL DELEGATION
BRIEFING LUNCHEON (DC)**

General Manager Rob Hunter stated that the luncheon will be held on Wednesday, February 26, 2020 and Save the Date cards have been distributed in Washington D.C. A

room in the Capitol Visitor Center has been secured.

Director Yoo Schneider requested that member agencies be polled to see if there will be scheduling conflicts with the AWWA Utility Management Conference in Anaheim, which takes place during the same time. She shared that the AWWA meeting travels around and since it is in Orange County she was wondering if MWDOC agencies would have a scheduling conflict between the two engagements. Government Affairs Manager Heather Baez responded that typically invitations are sent out with all the details in January and she will request RSVPs from Orange County and the Inland Empire.

This report was received and filed.

ACTION ITEMS

MWDOC'S LEGISLATIVE AND REGULATORY POLICY PRINCIPLES ANNUAL UPDATE

The discussion centered on the Board Recommended Additions (New Policies) section of the document and the request for more generalized wording. The following edits were requested:

- Page 13 - #1: remove the words "cost effective" and "of at least 800,000 af"
- #2: add the word "bifurcated" after "MWDOC will support" and remove "provided funding is bifurcated between the two".
- #3: add the word "preferred" and remove the word "must" and replace it with "should" The sentence will read "The *preferred* capacity of the facilities *should* be...."

The Committee also reviewed the Member Agency Recommended Additions (New Policies) section of the document. The following edit was requested:

- Page 12 - #5: remove the word "Is" at the beginning of the sentence and replace with "Standards should be"

Government Affairs Manager Heather Baez confirmed the requested edits and stated that she would make those changes prior to the Board Meeting on December 18.

Upon MOTION by Director McVicker, seconded by Director Dick and carried (3-0), the Committee recommended that the Board of Directors review and adopt the Legislative and Regulatory Policy Principles for 2020 with the edits requested. Directors Dick, Thomas and McVicker voted in favor. This item will be presented to the Board on December 18, 2019.

EXTENSION OF LOCAL ADVOCACY CONTRACT WITH LEWIS CONSULTING GROUP

Upon MOTION by Director McVicker, seconded by Director Dick and carried (3-0), the Committee recommended that the Board of Directors extend the local advocacy contract with Lewis and Associates for 2020. Directors Dick, Thomas and McVicker voted in favor. This item will be presented to the Board on December 18, 2019.

EXTENSION OF FEDERAL LEGISLATIVE ADVOCACY CONTRACT WITH BARKER LEAVITT, PC

Upon MOTION by Director McVicker, seconded by Director Dick and carried (3-0), the Committee recommended that the Board of Directors extend the federal advocacy contract with Barker Leavitt, PC for 2020. Directors Dick, Thomas and McVicker voted in favor. This item will be presented to the Board on December 18, 2019.

EXTENSION OF STATE LEGISLATIVE ADVOCACY CONTRACT WITH BEST, BEST & KRIEGER

Upon MOTION by Director McVicker, seconded by Director Thomas and carried (3-0), the Committee recommended that the Board of Directors extend the state advocacy contract with Best, Best & Krieger for 2020. Directors Dick, Thomas and McVicker voted in favor. This item will be presented to the Board on December 18, 2019.

APPROVAL OF AMENDMENT TO MWDOC CONTRACT WITH STRATEGIC DIGITAL COMMUNICATIONS CONSULTING FIRM HASHTAG PINPOINT CORPORATION

Discussion was held around the approval of the amendment to the Hashtag Pinpoint (HashTag) contract. The extension and additional funds would be used for the production of up to 15 How-To videos for Water Use Efficiency.

Director Dick inquired if there was a need to have How-To videos produced when there are a large number of these videos that can be viewed on YouTube. Director of Water Use Efficiency Joe Berg explained that creating these videos would create local branding and provide an opportunity to extend our credibility with the public. It would do this by offering videos and promoting them through all channels. These videos will help solidify MWDOC's position as a leader in Water Use Efficiency for Orange County.

Director Tamaribuchi inquired if it might be beneficial to look at other companies for this job. Mr. Berg explained that consideration was given to conducting a broad proposal process, however, the funds for this project needed to be used by June of 2020. Given this time constraint, there would not be time to go through the process of looking at other companies, hiring them and still have enough time to complete the job. It appeared to be a more efficient approach to utilize the existing resources. He also explained that the benefit of utilizing Hashtag is that we already have an established relationship with this company and are familiar with their work. Public Affairs Manager Damon Micalizzi supported this stating that after years of working with MWDOC, HashTag is familiar with the MWDOC Brand and staff is familiar with their consultants.

Director McVicker voiced his support stating that there is value in having links to the How-To videos for MWDOC member agencies. Director McVicker felt that \$40,000 was a reasonable amount for the production of the How-To videos.

Upon MOTION by Director McVicker, seconded by Director Thomas and carried (2-1), the Committee recommended that the Board of Directors authorize amending the current contract with HashTag Pinpoint Corp. for an additional \$40,000, utilizing grant funds from Metropolitan, for the production of up to 15 How-To Videos promoting Water Use Efficiency. Directors Thomas and McVicker voted in favor and Director Dick opposed. This item will be presented to the Board on December 18, 2019.

PARTICIPATION IN THE CALIFORNIA WATER ENVIRONMENT ASSOCIATION (CWEA)

Director Yoo Schneider explained that CWEA is a nonprofit public benefit association with over 10,000 water quality professionals and members including staff from many of MWDOC's member agencies. They are dedicated to the educational development of its members. CWEA is a member of the Association of Water Environment Federation— an international organization that includes over 35,000 individual members and 75 affiliated Member Associations. CWEA conducts training, disseminates information, and produces training manuals and tests for competency. CWEA administers many of the State Water Resources Control Board certifications, including the Advance Treatment Operator Certification, which is in conjunction with AWWA. She stated that CWEA has a strong relationship with the State Water Control Board and her serving on their Board of Directors as Vice President of the South would allow MWDOC to have a greater voice at the table. It would help the water industry and would help further MWDOC's mission and vision in terms of what we have been pushing for as a leader in this community and in this state in terms of strategic and pragmatic water policies.

Director Yoo Schneider went onto explain CWEA recently updated their strategic plan for 2020. Many of the strategic goals align closely with MWDOC's Strategic goals. Examples of these goals are:

Goal 1: Our Impact to the Public

1. Developing interest in the water profession
2. Increasing the awareness of the finite water supply
3. Increasing sustainable practices in the water sector
4. Increasing public support for initiatives that promote quality supply and availability.

Director Yoo Schneider stated that the primary expenses would be travel to the meetings and the cost for the FY 2019-2020 would be approximately \$1800.

Upon MOTION by Director McVicker, seconded by Director Thomas and carried (3-0), the Committee recommended that the Board of Directors; review, discuss and consider authorizing Director Yoo Schneider's candidacy for the CWEA Board of Directors as Vice President of the South (to be President in the third year of a four year term). Directors Dick, Thomas and McVicker voted in favor. This item will be presented to the Board on December 18, 2019.

INFORMATION ITEMS

EDUCATION PROGRAMS UPDATE

The Committee received and filed the report.

PUBLIC AFFAIRS AND GOVERNMENT AFFAIRS ACTIVITIES REPORT

The Committee received and filed the report.

OTHER ITEMS

No items were presented.

ADJOURNMENT

There being no further business brought before the Committee, Director Dick adjourned the meeting at 10:04 a.m.

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
jointly with the
EXECUTIVE COMMITTEE
December 19, 2019, 8:30 a.m. to 10:11 a.m.
Conference Room 102

Committee:

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

Staff:

R. Hunter, M. Goldsby

Also Present:

Director McVicker
Director Dick
L. McKenney

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

PUBLIC PARTICIPATION

No public comments were received.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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. Workshop Board Meeting

Considerable discussion was held regarding the proposed agenda items and Committee requested staff include an outline of MET's process and schedule when presenting information on the Integrated Resources Plan (IRP). Committee also requested that an information item regarding the MET shutdowns be added to the agenda.

b. Planning & Operations Committee Meeting

No new items were added to the agenda; however Committee requested that staff further research the request for support of the Three Valleys Study on impacts to Bonanza Springs and report back to the Board.

Committee also discussed the Evaluation of Economics of Surface Reservoir Storage in Southern California and suggested that although the cost of the study was within the General Manager's authority, they would like to be informed of the cost prior to proceeding.

c. Administration & Finance Committee meeting

No new items were added to the agenda.

d. Public Affairs & Legislation Committee

No new items were added to the agenda, however considerable discussion was held regarding the Washington DC congressional luncheon, and its value to the District and the member agencies. Committee requested a separate line item be placed in the budget for this annual event.

e. Executive Committee

It was noted that the MWDOC Department Manager would be presenting departmental information and projects to the Executive Committee in January, in preparation for budget discussions and goal setting.

DISCUSSION REGARDING UPCOMING ACTIVITIES OF SIGNIFICANCE

General Manager Hunter reported that the next Water Policy Dinner would be held on February 12, 2020 with featured speaker Jeff Kightlinger. Discussion ensued regarding how to ensure robust attendance and the importance of member agency elected attendance (councilmembers, etc.). The Committee asked that the General Manager raise this issue at the next Member Agency Manager's meeting and ask that the retail agencies encourage attendance by all elected officials within their respective service areas. The Committee also discussed inviting the Board of Supervisors, and possible scholarships to the event (including whether to establish a separate line item in the budget regarding education for elected officials).

MEMBER AGENCY RELATIONS

No new information was presented.

GENERAL MANAGER'S REPORTS

Mr. Hunter reported that staff would be meeting with MET staff regarding the SDCWA/MET lawsuit and settlement.

REVIEW AND DISCUSS DISTRICT AND BOARD ACTIVITIES

The Committee reviewed and approved a late Business Expense form from Director Yoo Schneider.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 10:11 a.m.

Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
December 2019

WATER REVENUES

Date	From	Description	Amount
12/02/19	City of Fountain Valley	October 2019 Water deliveries	10,860.08
12/02/19	City of Buena Park	October 2019 Water deliveries	421,031.65
12/04/19	City of La Habra	October 2019 Water deliveries	4,510.14
12/05/19	Laguna Beach County Water District	October 2019 Water deliveries	118,419.22
12/05/19	City of Westminster	October 2019 Water deliveries	416,651.05
12/06/19	El Toro Water District	October 2019 Water deliveries	555,887.04
12/06/19	City of San Clemente	October 2019 Water deliveries	700,764.26
12/09/19	Santa Margarita Water District	October 2019 Water deliveries	2,270,144.04
12/10/19	City of La Palma	October 2019 Water deliveries	3,298.97
12/10/19	Trabuco Canyon Water District	October 2019 Water deliveries	180,239.15
12/12/19	City of San Juan Capistrano	October 2019 Water deliveries	515,566.24
12/12/19	City of Orange	October 2019 Water deliveries	405,150.22
12/12/19	City of Garden Grove	October 2019 Water deliveries	922,736.65
12/13/19	South Coast Water District	October 2019 Water deliveries	461,200.56
12/13/19	East Orange County Water District	October 2019 Water deliveries	351,287.55
12/13/19	Orange County Water District	October 2019 Water deliveries	364,102.80
12/13/19	City of Seal Beach	October 2019 Water deliveries	299,285.97
12/13/19	City of Brea	October 2019 Water deliveries	14,223.32
12/13/19	Yorba Linda Water District	October 2019 Water deliveries	355,952.25
12/13/19	Moulton Niguel Water District	October 2019 Water deliveries	2,455,517.82
12/13/19	Golden State Water Company	October 2019 Water deliveries	348,771.28
12/13/19	Irvine Ranch Water District	October 2019 Water deliveries	854,524.54
12/20/19	City of Brea	November 2019 Water deliveries	14,223.32
12/23/19	City of La Habra	November 2019 Water deliveries	12,700.14
12/23/19	City of Newport Beach	November 2019 Water deliveries	651,159.20
12/23/19	City of La Palma	November 2019 Water deliveries	3,508.97
12/27/19	City of Huntington Beach	November 2019 Water deliveries	141,103.38
12/30/19	City of Fountain Valley	November 2019 Water deliveries	10,860.08

TOTAL REVENUES \$ 12,863,679.89

**Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
December 2019**

MISCELLANEOUS REVENUES

Date	From	Description	Amount
12/02/19	US Bank	CAL Card rebate check	1,092.79
12/02/19	Orange County Water District	50% of 11/1/19 WACO meeting speaker hotel expense	101.51
12/09/19	Katie Davanaugh	Personal copies	7.50
12/18/19	8 Checks	Reimbursement for MWDOC apparel purchase	884.12
12/20/19	San Clemente	OC Water Summit Registration	130.00
12/20/19	El Toro Water District	OCEMO Luncheon	38.00
12/30/19	US Healthworks	Refund for overpayment	57.80
12/31/19	US Bank	Monthly interest	24.03
12/05/19	Katie Davanaugh	Movie tickets	18.00
12/06/19	Lee Yoo	Movie tickets	180.00
12/18/19	Cathy Harris	Movie tickets	286.00
12/31/19	Rachel Davis	Movie tickets	76.00
12/18/19	Lee Jacobi	Jan-Dec 2020 Retiree Health insurance	481.56
12/27/19	Keith Lyon	January 2020 Retiree Health insurance	302.78
12/31/19	Stan Sprague	January 2020 Retiree Health insurance	241.22
12/20/19	City of San Clemente	October 2019 Smartimer rebate program	218.98
12/27/19	Irvine Ranch Water District	October 2019 Smartimer rebate program	2,445.07
12/13/19	Yorba Linda Water District	September 2019 Turf Removal rebate program	111.00
12/13/19	City of La Habra	September 2019 Turf Removal rebate program	222.00
12/30/19	City of Fountain Valley	October 2019 Turf Removal rebate program	333.00
12/31/19	Moulton Niguel Water District	October 2019 Smartimer, Rotating Nozzle and Turf Removal rebate program	26,214.96
12/02/19	El Toro Water District	Sep-Oct 2019 So Cal Watersmart rebate program	635.00
12/20/19	City of San Clemente	October 2019 So Cal Watersmart rebate program	620.00
12/20/19	Laguna Beach County Water District	October 2019 So Cal Watersmart rebate program	65.00
12/23/19	Moulton Niguel Water District	October 2019 So Cal Watersmart rebate program	6,800.00
12/27/19	City of Orange	October 2019 Turf Removal and Spray to Drip rebate program	333.00
12/06/19	City of San Clemente	Addition to the Choice School Program FY 19-20	292.20
12/03/19	Yorba Linda Water District	FY 2019-2020 Choice Programs Billing Invoice	51,698.11
12/19/19	City of Westminster	AWIA Phase 2 Risk and Resilience Assessment	83,855.00
12/20/19	City of Brea	AWIA Phase 2 Risk and Resilience Assessment	83,855.00
12/20/19	City of La Habra	AWIA Phase 2 Risk and Resilience Assessment	83,855.00
TOTAL MISCELLANEOUS REVENUES			\$ 345,474.63
TOTAL REVENUES			\$ 13,209,154.52

Robert J. Hunter, General Manager

Hilary Chumlatzi, Treasurer

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of January 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Core Expenditures:		
	Richard C. Ackerman	
1264	December 2019 Consulting on legal and regulatory matters	1,600.00
	*** Total ***	1,600.00
	Alta FoodCraft	
51924492	12/13/19 Coffee & tea supplies	255.47
	*** Total ***	255.47
	ARC Document Solutions, LLC	
10457093	12/2/19 Electronic file of MWDOC office remodel plan	17.77
	*** Total ***	17.77
	Heather Baez	
121819	Employee computer loan	1,361.36
	*** Total ***	1,361.36
	Best Best and Krieger LLP	
865621	November 2019 State legislative advocacy services	8,448.96
55401-NOV19	November 2019 Legal services	16,363.14
	*** Total ***	24,812.10
	Black & Veatch	
1311378	11/2/19-11/29/19 Develop OC Distribution System Water Supply Integration Hydraulic Model Phase 1	12,893.89
	*** Total ***	12,893.89
	California Landscape Contractors Assoc.	
2020	2020 Annual sponsorship	1,835.00
	*** Total ***	1,835.00
	CDM Smith	
90089078	9/1/19-11/30/19 Water Resource Planning services	8,119.20
	*** Total ***	8,119.20
	CDW Government	
WDV7121	2 Xerox Versalink printers	2,008.11
	*** Total ***	2,008.11
	Constant Contact	
XR8WAE CAB36419	Renewal for online event registration software	1,638.00
	*** Total ***	1,638.00
	Dudek	
20198704	10/26/19-11/29/19 Planning level reliability for South County Interconnection	3,506.25
	*** Total ***	3,506.25

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of January 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<i>Ferguson Waterworks #1083</i>	
0700164	3 3/4" Meters for leak detection	606.83
	*** Total ***	606.83
	<i>G/M Business Interiors</i>	
0257096-IN	Humanscale computer sit/stand set-up with dual monitor and keyboard tray	815.71
0257095-IN	Humanscale computer sit/stand set-up with monitor and keyboard tray	592.36
	*** Total ***	1,408.07
	<i>Hashtag Pinpoint Corporation</i>	
1211	December 2019 Strategic digital communications consulting services	7,917.00
	*** Total ***	7,917.00
	<i>Herndon Solutions Group LLC</i>	
100004	November 2019 Services to assist with America's Water Infrastructure Act compliance	4,233.40
	*** Total ***	4,233.40
	<i>IDS Group</i>	
18X093.00-4	October-November 2019 Seismic retrofit design and project support for MWDOC office remodel	1,916.00
18X093.00-5	December 2019 Seismic retrofit design and project support for MWDOC office remodel	5,470.00
	*** Total ***	7,386.00
	<i>James C. Barker, P.C.</i>	
105-1219	December 2019 Federal legislative advocacy services	8,000.00
	*** Total ***	8,000.00
	<i>Jill Promotions</i>	
10697	24 Customized boxes with MWDOC logo for speaker gifts	688.26
10711	MWDOC Logo apparel	1,511.64
	*** Total ***	2,199.90
	<i>Karen's Detail Custom Frames, LLC</i>	
3117	Custom framing for B. Hiltcher of MET resolution	136.56
3119	Custom framing for resolution and certificate of recognition	240.35
	*** Total ***	376.91
	<i>Lawnscapes Systems, Inc.</i>	
406548	12/13/19 Landscape maintenance for atrium	295.00
	*** Total ***	295.00
	<i>Lewis Consulting Group</i>	
2019-162	December 2019 Consulting services	2,562.50
	*** Total ***	2,562.50

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of January 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	Keith Lyon	
OCT-DEC2019	October-December 2019 Retiree medical premium	406.50
	*** Total ***	406.50
	Edward G. Means III	
MWDOC-1078	December 2019 Consulting on MET issues and guidance to Engineering staff	500.00
	*** Total ***	500.00
	NDS	
720166	11/26/19 Delivery charges for Board packets	142.11
720247	12/6/19 Delivery charges for Board packets	142.11
720348	12/13/19 Delivery charges for Board packets	172.01
	*** Total ***	456.23
	North American Rescue	
IN405658	55 First aid and trauma response kits	7,458.95
	*** Total ***	7,458.95
	Office Depot, Inc.	
417886179001	12/19/19 Office supplies	70.63
	*** Total ***	70.63
	Office Solutions	
I-01682781	12/6/19 Office supplies	218.81
I-01690357	12/20/19 Office supplies	319.88
I-01691640	12/27/19 Office supplies	522.00
I-01691641	12/27/19 Office supplies	130.50
	*** Total ***	1,191.19
	OMB Electrical Engineers, Inc.	
80462	November 2019 Electrical Engineering services for MWDOC office electrical upgrade	1,350.00
	*** Total ***	1,350.00
	Orange County Fast Print	
58637	1,000 Business cards	112.75
	*** Total ***	112.75
	Orange County Water District	
21074	November 2019 50% share of WACO expense	246.25
21100	November 2019 Postage, shared office and maintenance expense	5,240.92
	*** Total ***	5,487.17
	Patricia Kennedy Inc.	
11188	January 2020 Plant maintenance	214.00
	*** Total ***	214.00

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of January 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<i>Raftelis Financial Consultants, Inc.</i>	
13672	November 2019 Five year monitoring for Budget Based Tiered Rate grant	2,425.00
	*** Total ***	2,425.00
	<i>Resilient Communications</i>	
802473	Cisco Smartnet annual support for 5 user licenses	155.40
	*** Total ***	155.40
	<i>Roth Staffing Companies, LP</i>	
13828907	12/9/19-12/15/19 Temporary administrative staff	1,004.90
13832106	12/16/19-12/22/19 Temporary administrative staff	1,004.90
	*** Total ***	2,009.80
	<i>Talent Assessment & Development, LLC</i>	
4107	November 2019 Interview assessments for new hire applicants	2,950.00
	*** Total ***	2,950.00
	<i>USAFact, Inc.</i>	
9123207	Pre-employment background checks	89.92
	*** Total ***	89.92
	<i>WageWorks, Inc.</i>	
INV1829638	December 2019 Cafeteria plan administration	196.07
	*** Total ***	196.07
	<i>Water Systems Optimization, Inc.</i>	
1689	November 2019 Water Loss Control program	6,946.42
1700	December 2019 Water Loss Control program	3,100.00
	*** Total ***	10,046.42
	<i>Pauline D. Wennerstrom</i>	
JAN-MAR2020	January-March 2020 Retiree medical premium	382.80
	*** Total ***	382.80
	<i>Total Core Expenditures</i>	<hr/> 128,535.59

Choice Expenditures:

	<i>Above All Catering, Inc.</i>	
C34646	12/5/19 Lunch for Water Use Efficiency Workgroup meeting	456.75
	*** Total ***	456.75

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of January 2020**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	Orange County Water District	
21100	November 2019 Postage for Water Use Efficiency rebate programs	18.83
	*** Total ***	18.83
	Top Hat Productions	
95690	11/12/19 Lunch for Water Loss Control Workgroup meeting	569.46
	*** Total ***	569.46
	US Bank Voyager Fleet Systems	
4993-NOV19	11/25/19-12/24/19 Fuel and wash for Water Loss Control Shared Services vehicles	178.28
	*** Total ***	178.28
	Total Choice Expenditures	<u>1,223.32</u>
Other Funds Expenditures:		
	Herndon Solutions Group LLC	
100004	November 2019 Services to assist with America's Water Infrastructure Act compliance	121,173.77
	*** Total ***	121,173.77
	The Plant Nerd	
5838	November 2019 Services for Landscape Design/Maintenance programs	11,640.00
	*** Total ***	11,640.00
	Terraworks Studio	
5838	November 2019 Services for Landscape Design/Maintenance programs	520.00
	*** Total ***	520.00
	Water Systems Optimization, Inc.	
1689	November 2019 Water Loss Control program	18,480.00
1700	November 2019 Water Loss Control program	26,840.00
	*** Total ***	45,320.00
	Total Other Funds Expenditures	<u>178,653.77</u>
	Total Expenditures	<u><u>308,412.68</u></u>

Municipal Water District of Orange County
Disbursement Ratification Report
For the month of December 2019

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Core Disbursements:				
139353	12/9/19	SPECTB 0375210120119	Spectrum Business December 2019 Telephone and internet expense ***Total ***	1,099.18 1,099.18
139354	12/9/19	VERIZO 9842817862	Verizon Wireless November 2019 4G Mobile broadband unlimited service ***Total ***	114.03 114.03
139360	12/13/19	CORTBU 7043030	Cort Business Services Corp. December 2019 Furniture lease for 5 temporary workstations ***Total ***	561.50 561.50
139364	12/13/19	HOMED1 7785-NOV19	Home Depot Credit Services 11/26/19 Office supplies ***Total ***	19.55 19.55
139365	12/13/19	IRONMO CDZX233	Iron Mountain December 2019 Archived document storage fees ***Total ***	258.26 258.26
ACH004402	12/13/19	BARBRE 113019	Brett Barbre November 2019 Business expense ***Total ***	111.36 111.36
ACH004405	12/13/19	BUIJEA 113019	Jeannie Bui November 2019 Business expense ***Total ***	39.73 39.73
ACH004406	12/13/19	CHUMPI 111919	Hilary Chumpitazi November 2019 Business expense ***Total ***	25.29 25.29
ACH004408	12/13/19	DICKEX 113019	Larry Dick November 2019 Business expense ***Total ***	142.10 142.10
ACH004412	12/13/19	GUNAWA 103119	Lina Gunawan October 2019 Business expense ***Total ***	56.00 56.00
ACH004415	12/13/19	RICOHMA 5058185908	Ricoh USA, Inc. September-November 2019 Reproduction costs ***Total ***	1,442.25 1,442.25

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of December 2019**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
ACH004420	12/13/19	LINGAD 113019	Christopher S. Lingad November 2019 Business expense ***Total ***	 33.76 33.76
ACH004429	12/13/19	MCVICK 113019	Robert McVicker November 2019 Business expense ***Total ***	 40.60 40.60
ACH004430	12/13/19	ROBERT 113019	Bryce Roberto November 2019 Business expense ***Total ***	 96.20 96.20
ACH004436	12/13/19	TAMARI 113019	Satoru Tamaribuchi November 2019 Business expense ***Total ***	 157.76 157.76
ACH004437	12/13/19	THOMAS 113019	Jeffery Thomas November 2019 Business expense ***Total ***	 104.40 104.40
ACH004440	12/13/19	WAITER 113019	Rachel Waite November 2019 Business expense ***Total ***	 103.71 103.71
139384	12/19/19	SPECTB 0343564121019	Spectrum Business December 2019 Telephone expense for 3 analog fax lines ***Total ***	 108.28 108.28
139421	12/31/19	USBANK 0403/0640/5443-NOV19	U.S. Bank 10/23/19-11/22/19 Cal Card charges ***Total *** (See attached sheet for details)	 19,799.45 19,799.45
ACH004443	12/31/19	ACKEEX 113019	Linda Ackerman November 2019 Business expense ***Total ***	 48.72 48.72
ACH004444	12/31/19	BERGJO 123119	Joseph Berg December 2019 Business expense ***Total ***	 21.31 21.31
ACH004447	12/31/19	BUSSLI 113019	Charles Busslinger November 2019 Business expense ***Total ***	 105.82 105.82

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of December 2019**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
		DAVISR	Rachel Davis	
ACH004449	12/31/19	120619	November-December 2019 Business expense	228.93
ACH004450	12/31/19	113019	November 2019 Business expense	24.94
			***Total ***	253.87
		FINNEG	Joan Finnegan	
ACH004452	12/31/19	113019	November 2019 Business expense	81.38
			***Total ***	81.38
		HARRIS	Cathleen M. Harris	
ACH004453	12/31/19	111919	November 2019 Business expense	100.00
ACH004454	12/31/19	121219	December 2019 Business expense	117.92
			***Total ***	217.92
		HUNTER	Robert J. Hunter	
ACH004455	12/31/19	121719	December 2019 Business expense	591.54
ACH004456	12/31/19	OCT2019	October 2019 Business expense	1,270.29
			***Total ***	1,861.83
		SCHNEI	Megan Yoo Schneider	
ACH004465	12/31/19	103119	October 2019 Business expense	449.74
ACH004466	12/31/19	113019	November 2019 Business expense	355.42
			***Total ***	805.16
		SECKEL	Karl Seckel	
ACH004467	12/31/19	103119	October 2019 Business expense	14.54
			***Total ***	14.54
			Total Core Disbursements	27,723.96

Choice Disbursements:

139421	12/31/19	USBANK	U.S. Bank	
		0640-NOV19	10/23/19-11/22/19 Cal Card charges	67.48
			***Total ***	67.48
			(See attached sheet for details)	
			Total Choice Disbursements	67.48

Other Funds Disbursements:

139354	12/9/19	VERIZO	Verizon Wireless	
		9842817862	November 2019 4G Mobile broadband unlimited service	76.02
			***Total ***	76.02

Municipal Water District of Orange County
Disbursement Ratification Report
For the month of December 2019

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
139355	12/13/19	ATTUVEOC 1812-DEC19	AT&T December 2019 U-verse internet service for WEROC N. EOC ***Total ***	53.50 53.50
139358	12/13/19	ATTCALN 000013958137 000013958138	AT&T November 2019 WEROC N. & S. EOC telephone expense November 2019 WEROC N. EOC telephone expense ***Total ***	311.48 108.83 420.31
		MFHETD	Multi Family HET Direct	
139378	12/13/19	120619-VALENCIA PARK	Valencia Park Association (La Habra)	11,800.00
139379	12/13/19	120619-MEDALLION CRT	Medallion Court, Inc. (Tustin)	6,000.00
139380	12/13/19	120619-JASMINE VILLA	Jasmine Villas L.L.C. (Buena Park)	18,800.00
139381	12/13/19	120619THOMAS HOUSE	Thomas House Temporary Shelter (Garden Grove) ***Total ***	1,700.00 38,300.00
ACH004407	12/13/19	HUNTIN 10002	City of Huntington Beach October 2019 Credit for "In-Lieu" water purchases ***Total ***	607,687.82 607,687.82
ACH004421	12/13/19	MESAWA OCT2019	Mesa Water District October 2019 Credit for Local Resource Program and "In-Lieu" water purchases ***Total ***	165,137.99 165,137.99
ACH004433	12/13/19	SCHWENE 113019	Leslie Schwene November 2019 Business expense ***Total ***	53.94 53.94
		TURFRP	Turf Removal Program	
139385	12/20/19	TR12-R-HB-37394-36312	T. Hill	2,020.00
139386	12/20/19	TR12-C-SM-26835-37379	Emerald Pointe C/O Vintage Group (Mission Viejo)	19,134.00
139387	12/20/19	TR12-R-IRWD-38579-37485	B. Baney	751.00
139388	12/20/19	TR13-R-IRWD-38543-37627	S. Weis	640.00
139389	12/20/19	TR13-R-IRWD-8006-37646	H. Wang	543.94
139390	12/20/19	TR13-R-MNT-38770-37673	J. Wong	852.00
139391	12/20/19	TR13-C-TC-38796-37697	Robinson Ranch HOA (Trabuco Canyon)	124,106.05
139392	12/20/19	TR13-R-MNT-38802-37702	R. Taufer	3,264.00
139393	12/20/19	TR13-R-WEST-38799-37715	D. Newton	3,924.00
139394	12/20/19	TR13-R-MNT-38822-37726	E. Martens	1,422.00
139395	12/20/19	TR13-R-MNT-38832-37736	M. Wehan	4,683.00
139396	12/20/19	TR13-R-MESA-38847-37749	C. Mayer	2,162.00
139397	12/20/19	TR13-R-MNT-38853-37755	N. Grombchevsky	2,517.00
139398	12/20/19	TR13-R-SM-38866-37767	Q. Nguyen	1,053.00
139399	12/20/19	TR13-R-IRWD-38870-37771	J. Tang	416.00
139400	12/20/19	TR13-R-MNT-38871-37773	S. Olsen	1,680.00
139401	12/20/19	TR13-R-SWD-38905-37798	R. Johnston	897.33
139403	12/20/19	TR13-R-MNT-38916-37808	R. Corona	1,167.00
139404	12/20/19	TR13-R-MNT-38927-37818	J. Snegg	2,667.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of December 2019**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
139405	12/20/19	TR13-R-IRWD-38941-37834	P. Sivaruban	312.00
139406	12/20/19	TR13-R-MNT-38958-37848	E. Kornegay	2,205.00
139407	12/20/19	TR13-R-MNT-38962-37853	B. Delehanty	1,716.00
139408	12/20/19	TR13-R-MNT-38983-37869	R. Rosenberg	1,077.00
139409	12/20/19	TR13-R-ETWD-38984-37870	K. Whitesell	940.00
139410	12/20/19	TR13-R-MNT-39056-37942	R. Alves	3,045.00
			***Total ***	183,194.32
WIRE-191230	12/30/19	METWAT 9885	Metropolitan Water District October 2019 Water deliveries	12,249,234.78
			***Total ***	12,249,234.78
139412	12/31/19	HARRISD 113019 120919	Daniel Harrison November 2019 Business expense December 2019 Business expense	281.28 288.44
			***Total ***	569.72
139419	12/31/19	SANTI1 OCT2019	Santiago Aqueduct Commission October 2019 SAC Pipeline Operation surcharge	2,538.47
			***Total ***	2,538.47
139421	12/31/19	USBANK 0640-NOV19A	U.S. Bank 10/23/19-11/22/19 Cal Card charges	737.09
			***Total *** (See attached sheet for details)	737.09
		TURFRP	Turf Removal Program	
139423	12/31/19	TR13-R-MNT-38911-37805A	S. Russell	801.00
139424	12/31/19	TR13-R-MNT-39038-37925	L. Wilson	4,707.00
			***Total ***	5,508.00
ACH004468	12/31/19	SANTAM OCT2019A	Santa Margarita Water District October 2019 SCP Pipeline Operation surcharge	28,017.88
			***Total ***	28,017.88
			Total Other Funds Disbursements	13,281,529.84
			Total Disbursements	13,309,321.28



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

Cal Card Charges
Statement Date: November 22, 2019
Payment Date: December 31, 2019

Date	Description	Amount
<u>Public Affairs Card</u>		
10/22/2019	Lunch meeting with Agendum Ventures	\$ 64.76
10/24/2019	GlobalTrend Marketing Awards shipping charge for trophy and certificates	35.00
10/29/2019	10/28/19-11/27/20 Subscription for Wordtracker search engine optimization software	81.00
10/30/2019	Camera flash kit	282.74
11/1/2019	12/1/19-11/30/20 Public Relations Society of America annual membership for T. Baca	400.00
11/8/2019	Supplies for Children's Water Festival and Science, Technology, Engineering and Mathematics Expo	97.83
11/8/2019	Coffee and donuts for inspection trip	49.11
11/12/2019	Supplies for Children's Water Festival and Science, Technology, Engineering and Mathematics Expo	184.72
11/12/2019	Annual subscription for password security license for 5 users	240.00
11/13/2019	12/1/19-11/30/20 Public Relations Society of America annual membership for T. Muldoon	295.00
11/14/2019	2 Carpets for Science, Technology, Engineering and Mathematics activity for Girl Scout program	58.72
11/17/2019	MET Colorado River and Hoover Dam Inspection trip from Nov. 15-17, 2019 - Parking for B. Roberto	60.00
11/20/2019	3 Stamps with the MWDOC logo	33.60
11/20/2019	Photograph of Director Osborne	1.16
Total		<u>\$ 1,883.64</u>

Cal Card Charges
Statement Date: November 22, 2019
Payment Date: December 31, 2019

Date	Description	Amount
<u>K. Seckel Card</u>		
12/23/2019	Public Relations Society of America International conference in San Diego, CA from Oct. 20-22, 2019 - Parking for S. Wilson	\$ 64.01
10/24/2019	Office supplies	82.60
10/24/2019	8/23/19-9/24/19 Web hosting service for MWDOC website	15.65
10/24/2019	California Emergency Services Association conference in Rohnert Park, CA from Oct. 20-24, 2019 - Accommodations for D. Harrison	982.08
10/25/2019	Office supplies	141.25
10/28/2019	2 Thomas Brothers map books returned for refund	(41.94)
10/30/2019	FedEx delivery charges for Jeep Chrysler Dodge of Ontario on Oct. 25, 2019	19.04
10/30/2019	Christmas tree for MWDOC office	165.16
10/30/2019	Department of Water Resources meeting in Sacramento, CA on Nov. 19, 2019 - Airfare for R. Waite	449.96
11/1/2019	Initial lease and installation for 5 work stations	1,180.35
11/4/2019	American Water Works Association California-Nevada Section conference workshop in San Diego, CA on Oct. 24, 2019 - Registration for J. Berg	149.00
11/4/2019	Association of California Cities - Orange County Sacramento Advocacy trip in Sacramento, CA from Jan. 27-28, 2020 - Registration for H. Baez	795.00
11/4/2019	California Special Districts Association Legislative Committee meeting in Sacramento, CA on Mar. 6, 2020 - Airfare for H. Baez	549.96
11/4/2019	Association of California Cities - Orange County Sacramento Advocacy trip in Sacramento, CA from Jan. 27-28, 2020 - Airfare for H. Baez	549.96
11/4/2019	California Special Districts Association Legislative Committee meeting in Sacramento, CA on Apr. 3, 2020 - Airfare for H. Baez	549.96
11/5/2019	11/1/19-11/30/19 E-mail service for California Sprinkler Adjustment Notification system	14.95
11/5/2019	ACWA Legislative meeting in Sacramento, CA on Feb. 21, 2020 - Airfare for H. Baez	549.96
11/5/2019	ACWA Legislative meeting in Sacramento, CA on Jan. 24, 2020 - Airfare for H. Baez	549.96
11/6/2019	Plumbing service to clear clogged drain	400.00
11/7/2019	11/8/19-11/6/20 Sacramento Bee online subscription	99.99
11/8/2019	California Society of Municipal Finance Officers OC Chapter meeting in Aliso Viejo, CA on Dec. 5, 2019 - Registrations for H. Chumpitazi, L. Gunawan, M. Snow and J. Stalvey	120.00
11/12/2019	FedEx delivery charges for Human Resources Department on Nov. 8, 2019	41.34
11/15/2019	Food for staff development meeting	30.49
11/16/2019	Annual software subscription and support for ACT! software	1,995.00
11/13/2019	Erroneous charge from DoubleTree hotel refunded	(200.01)
11/19/2019	Supplies for Water Loss Control Shared Services	23.32
11/20/2019	Supplies for Water Loss Control Shared Services	29.21
11/21/2019	Lunch for America's Water Infrastructure Act training	236.00
11/21/2019	Office supplies	22.72
11/21/2019	Office supplies	15.16
Total		<u>\$ 9,580.13</u>

Cal Card Charges
Statement Date: November 22, 2019
Payment Date: December 31, 2019

Date	Description	Amount
R. Hunter Card		
10/23/19-11/22/19	Meals for R. Hunter's meetings	\$ 45.71
10/22/2019	MET Director's retreat in Pasadena, CA from Oct. 21-22, 2019 - Parking for M. Baum Haley	21.00
10/22/2019	Legislative activities in Washington, DC from Oct. 23-25, 2019 - Airfare for Director Barbre	1,728.59 ¹
10/24/2019	Association of Metropolitan Water Agencies Executive Management conference in Newport, RI from Oct. 20-23, 2019 - Transportation for R. Hunter	340.44
10/23/2019	California Environmental Dialogue Plenary meeting in Sacramento, CA from Oct. 22-23, 2019 - Airfare change for Director Yoo Schneider	118.99
10/23/2019	Association of Metropolitan Water Agencies Executive Management conference in Newport, RI from Oct. 20-23, 2019 - Parking for R. Hunter	118.25
10/25/2019	California Special Districts Association and ACWA Legislative Committee meetings in Sacramento, CA on Oct. 24-25, 2019 - Accommodations for H. Baez	249.93
10/26/2019	Legislative activities in Washington, DC from Oct. 23-25, 2019 - Accommodations for Director Barbre	1,907.54 ²
10/28/2019	3 Cisco phones and computer supplies	426.72
10/29/2019	50 Regal movie tickets for employee purchase	450.00
10/29/2019	Public Policy Institute of California event in Sacramento, CA from Oct. 28-29, 2019 - Accommodations for Director Tamaribuchi	162.82
10/30/2019	Colorado River Water Users Association conference in Las Vegas, NV from Dec. 11-13, 2019 - Accommodations deposit for Director Barbre	362.82
10/31/2019	Flowers for Director Osborne memorial service	181.44
11/4/2019	Flowers for Director Royce memorial service	181.44
11/8/2019	Legislative activities in Washington, DC from Jan. 8-10, 2020 - Airfare for Director Barbre	1,363.60 ³
11/12/2019	California Environmental Dialogue Plenary meeting in Sacramento, CA on Dec. 1-3, 2019 - Airfare for Director Tamaribuchi	415.96
11/18/2019	Orange County Water Association membership for Director McVicker	70.00
11/18/2019	Orange County Water Association Industry Insight presentation in Irvine, CA on Nov. 20, 2019 - Registration for Director McVicker	45.00
11/18/2019	Class A training course and truck rental for J. Thorsell	950.00
Total		\$ 9,140.25

- ¹ Director Barbre reimbursed MWDOC \$1,068.99
- ² Director Barbre reimbursed MWDOC \$1,355.78
- ³ Director Barbre to reimburse MWDOC \$957.01

Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the month of December 2019

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
Core Disbursements:				
139352	12/9/19	LEGACY 121019	Legacy Media Lab, Inc. 12/10/19 Training services for The Art & Craft of Persuasive Speaking workshop ***Total ***	2,000.00 2,000.00
139377	12/13/19	IRONMO 99C4976	Iron Mountain Final withdrawal of archived documents ***Total ***	1,372.80 1,372.80
139422	12/31/19	OFFICED 412359768001	Office Depot, Inc. 12/9/19 Office supplies ***Total ***	416.01 416.01
		ULTIMS	Roth Staffing Companies, LP	
ACH004462	12/31/19	13822503	11/25/19-12/1/19 Temporary administration staff	395.76
ACH004463	12/31/19	13822503A	11/25/19-12/1/19 Temporary administration staff	197.88
ACH004464	12/31/19	13827319	12/2/19-12/8/19 Temporary administration staff ***Total ***	989.40 1,583.04
Total Core Disbursements				5,371.85
Choice Disbursements:				
Total Choice Disbursements				-
Other Funds Disbursements:				
Total Other Funds Disbursements				-
Total Disbursements				5,371.85


 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
November 30, 2019

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
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Sat Tamaribuchi
President

Joan C. Finnegan
Vice President

Brett R. Barbre
Director

Larry D. Dick
Director

Bob McVicker, P.E., D.WRE
Director

Megan Yoo Schneider, P.E.
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	\$3,830,240	20.98%
Grant & Project Cash Flow	1,500,000	8.22%
Election Expense	608,000	3.81%
Building Repair	444,186	2.43%
OPEB	297,147	1.63%
Total Designated Reserves	6,767,573	37.07%
General Fund	9,381,065	51.38%
Water Fund	2,159,575	11.83%
Conservation Fund	(726,406)	(3.98%)
WEROC Fund	647,265	3.54%
Trustee Activities	29,608	0.16%
Total	\$18,258,680	100.00%

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	0.61%	\$112,199	\$112,199
Short-term investment			
• LAIF	55.75%	\$10,179,064	\$10,179,064
• OCIP	26.65%	4,865,935	4,865,935
Long-term investment			
• Corporate Bond	6.31%	1,151,482	1,154,280
• Certificates of Deposit	10.68%	1,950,000	1,992,144
Total	100.00%	\$18,258,680	\$18,303,622

The average number of days to maturity/call as of November 30, 2019 equaled 141 and the average yield to maturity is 2.131%. During the month, the District's average daily balance was \$25,929,661.19. 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 November 2019.

The \$44,942 difference between the book value and the market value on November 30, 2019 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

November 30, 2019

11/30/2019	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,950,000.00	1,992,144.00	1,950,000.00	10.75	1,060	2.519
Corporate Bond	1,150,000.00	1,154,280.50	1,151,482.30	6.34	421	2.290
Local Agency Investment Funds	10,179,063.61	10,179,063.61	10,179,063.61	56.10	1	2.095
Orange County Investment Pool	4,865,934.50	4,865,934.50	4,865,934.50	26.82	1	2.014
Total Investments	18,144,998.11	18,191,422.61	18,146,480.41	100.01	141	2.131
Cash						
Cash	112,199.18	112,199.18	112,199.18		1	0.00
Total Cash and Investments	18,257,197.29	18,303,621.79	18,258,679.59		141	2.131

Total Earnings	Month Ending November	Fiscal Year to Date
Current Year	43,843.65	238,597.92
Average Daily Balance	25,929,661.19	
Effective Rate of Return	2.131%	

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

Date


Hilary Chumipitazi, Treasurer

12/31/2019

Date

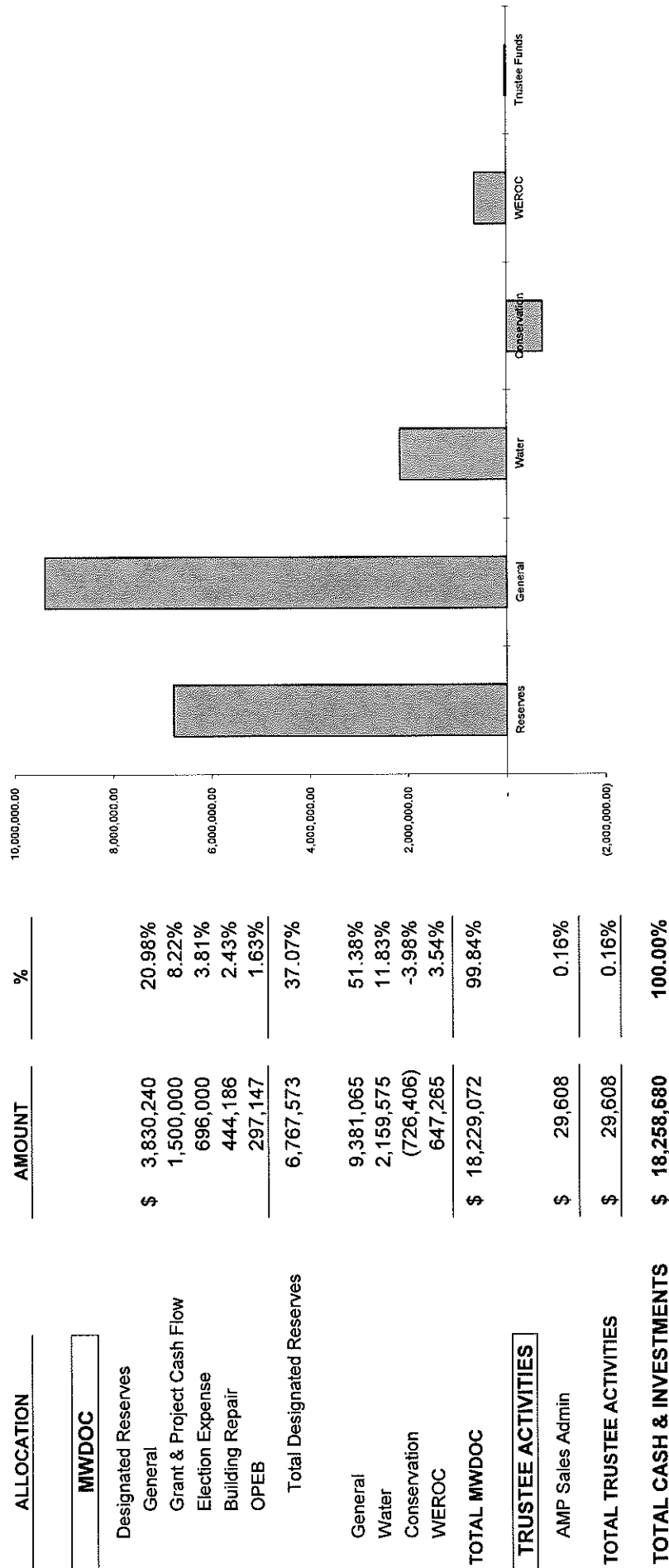
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Long-Term Portfolio Details - Investments
November 30, 2019

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	253,107.50	250,000.00	2.250	2.250	1,032	9/27/2022
Capital One Bank	14042TBQ9	8/7/2019	250,000.00	253,787.50	250,000.00	2.250	2.250	1,712	8/7/2024
Capital One NA	14042RMJ7	7/24/2019	250,000.00	253,272.50	250,000.00	2.200	2.200	1,698	7/24/2024
Citibank	17294XUN4	7/31/2019	250,000.00	251,340.00	250,000.00	2.200	2.200	244	7/31/2024
Comenity Capital	20033AUX2	7/25/2017	200,000.00	201,124.00	200,000.00	2.000	2.000	594	7/16/2021
Discover Bank	254673RV0	7/25/2018	250,000.00	263,155.00	250,000.00	3.300	3.300	1,333	7/25/2023
Goldman Sachs Bank	38148PT98	8/8/2018	250,000.00	263,742.50	250,000.00	3.350	3.350	1,347	8/8/2023
Morgan Stanley Bank	61747MJ36	2/1/2018	250,000.00	252,615.00	250,000.00	2.500	2.500	429	2/1/2021
Sub Total			1,950,000.00	1,992,144.00	1,950,000.00	2.519	2.519	1,060	
Corporate Bond									
JP Morgan Chase	48625HKA7	11/2/2015	500,000.00	500,060.00	500,068.77	2.250	2.152	23	1/23/2020
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	200,612.00	200,000.00	2.500	2.500	958	7/15/2022
Wells Fargo	94974BGR5	1/13/2016	250,000.00	251,442.50	250,336.01	2.550	2.409	373	12/7/2020
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	202,166.00	201,077.52	2.500	2.276	941	6/28/2022
Sub Total			1,150,000.00	1,154,280.50	1,151,482.30	2.402	2.290	421	
Total Investments			3,100,000.00	3,146,424.50	3,101,482.30	2.476	2.434	823	
Total Earnings									
Current Year			Month Ending November		Fiscal Year To Date				
			6,163.63		33,713.40				

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Short-Term Portfolio Details - Cash and Investments
November 30, 2019

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	10,179,063.61	10,179,063.61	10,179,063.61	2.095	2.095	1	N/A
Sub Total			10,179,063.61	10,179,063.61	10,179,063.61	2.095	2.095	1	
Orange County Investment Pool									
County of Orange LGIP	OCIP	6/29/2005	4,865,934.50	4,865,934.50	4,865,934.50	2.014	2.014	1	N/A
Sub Total			4,865,934.50	4,865,934.50	4,865,934.50	2.014	2.014	1	
Total Investments			15,044,998.11	15,044,998.11	15,044,998.11	2.069	2.069		
Cash									
Petty Cash	CASH	7/1/2010	500.00	500.00	500.00	0.000	0.000	1	N/A
US Bank Cash	CASHUSBANK	7/25/2018	111,699.18	111,699.18	111,699.18	0.000	0.000	1	N/A
Total Cash			112,199.18	112,199.18	112,199.18	0.000	0.000	1	
Total Cash and Investments			15,157,197.29	15,157,197.29	15,157,197.29	2.069	2.069	1	
Total Earnings									
Current Year		Month Ending November	Fiscal Year To Date						
		37,680.02	204,884.52						

**Municipal Water District of Orange County
Cash and Investments at November 30, 2019**



MUNICIPAL WATER DIST OF ORANGE COUNTY
PARS Post-Employment Benefits Trust**Account Report for the Period**
11/1/2019 to 11/30/2019Rob Hunter
General Manager
Municipal Water Dist of Orange County
18700 Ward Street
Fountain Valley, CA 92708**Account Summary**

Source	Beginning Balance as of 11/1/2019	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 11/30/2019
OPEB	\$2,254,559.14	\$0.00	\$37,368.29	\$1,087.97	\$0.00	\$0.00	\$2,290,839.46
PENSION	\$432,331.72	\$0.00	\$7,166.53	\$150.83	\$0.00	\$0.00	\$439,347.42
Totals	\$2,686,890.86	\$0.00	\$44,534.82	\$1,238.80	\$0.00	\$0.00	\$2,730,186.88

Investment Selection**Source**

OPEB	Moderate HighMark PLUS
PENSION	Moderate HighMark PLUS

Investment Objective**Source**

OPEB	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.
PENSION	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

Source	1-Month	3-Months	1-Year	Annualized Return			Plan's Inception Date
				3-Years	5-Years	10-Years	
OPEB	1.66%	3.58%	11.23%	8.29%	5.88%	-	10/26/2011
PENSION	1.66%	3.58%	11.30%	-	-	-	7/31/2018

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 12/31/19

	Jul 2019	Aug 2019	Sep 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	Mar 2020	Apr 2020	May 2020	Jun 2020	TOTALS
Cash - Beginning Balance	\$ (592,088.66)	\$ (564,751.37)	\$ (605,357.98)	\$ (568,531.76)	\$ (703,896.86)	\$ (726,406.19)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	
REVENUES:													
BUREC			49,393.62										\$ 49,393.62
City of Brea													-
City of Buena Park	111.00	150.00			291.00								552.00
City of Fountain Valley	111.00		114.00			333.00							558.00
City of Fullerton													-
City of Garden Grove													-
City of Huntington Beach													-
City of La Habra		222.00			222.00								666.00
City of San Clemente	515.00	444.99	455.00	553.73	791.30	838.98							3,599.00
City of San Juan Capistrano													-
City of Santa Ana													-
City of Tustin													-
City of Newport Beach													-
City of Orange		333.00	111.00			333.00							777.00
City of Westminster				111.00									111.00
County of Orange		30,204.36											-
Department of Water Resources													30,204.36
East Orange County Water District													-
El Toro Water District	2,614.00	1,924.00	924.00	384.19		635.00							6,481.19
Irvine Ranch Water District	6,632.11	18,446.65	6,790.00	11,748.75	3,111.37	2,445.07							49,173.95
Laguna Beach County Water District					308.00	65.00							373.00
Mesa Water District		306.45	207.24	166.48	198.00								878.17
Metropolitan Water District	17,249.94	878.64	115,504.83		100,463.03	124,715.69							358,812.13
Moulton Niguel Water District	36,055.78	25,127.90	13,476.61	62,561.25	22,124.86	33,014.96							192,361.36
Orange County Water District													-
Santa Margarita Water District													-
Trabuco Canyon Water District	537.90	273.96		675.00	377.99								1,864.85
Yorba Linda Water District			111.00			111.00							222.00
Miscellaneous Revenues													
Miscellaneous													-
Interest Revenue													-
Total Revenues	63,826.73	78,311.95	187,087.30	76,200.40	127,887.55	162,713.70	-	-	-	-	-	-	\$ 696,027.63
EXPENDITURES:													
Budget Based Tiered Rates, Raffells					9,580.00								9,580.00
Droplet													-
IRWD													-
GardenSoft Corp													-
Golden State Water Company				19,500.00									19,500.00
City of Huntington Beach													-
Laguna Beach CWD													-
Large Plumbing					2,385.00	4,060.00							6,455.00
Metropolitan Water District				21,663.40									21,663.40
Mission RCD	6,476.15	8,985.40		810.35	8,664.23	6,766.30							31,702.43
Multi Family HET Direct			110,600.00		81,000.00	38,300.00							229,900.00
Pollard Water													-
Recycled Water On Site Retrofit program													-
South Coast Water District													-
Spray to Drip program		1,031.68	324.60	220.40	1,045.71								2,622.39
SMWD													20.00
Turf Removal	25,029.55	101,394.48	38,571.48	159,467.56	46,351.94	188,702.32							559,517.33
Water Savings Incentive Program		5,382.00											5,382.00
Water Systems Optimization				5,218.62		20,761.00							25,979.62
Miscellaneous Expenses													
Miscellaneous	1,720.00												1,720.00
Interest Expense	2,413.74			3,495.17									5,908.91
Salary & Benefit	850.00	2,125.00	765.00	1,190.00	1,360.00								6,290.00
Total Expenditures	36,489.44	118,918.56	150,261.08	211,565.50	150,396.88	258,609.62	-	-	-	-	-	-	\$ 926,241.08
Cash - Ending Balance	\$ (564,751.37)	\$ (605,357.98)	\$ (568,531.76)	\$ (703,896.86)	\$ (726,406.19)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	\$ (822,302.11)	

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
COMBINED FINANCIAL STATEMENTS
AND
BUDGET COMPARATIVE
JULY 1, 2019 THRU NOVEMBER 30, 2019

**Municipal Water District of Orange County
Combined Balance Sheet
As of November 30, 2019**

<u>ASSETS</u>	Amount
Cash in Bank	112,199.18
Investments	18,146,480.41
Accounts Receivable	23,338,821.02
Accounts Receivable - Other	114,659.32
Accrued Interest Receivable	127,426.14
Prepays/Deposits	385,781.16
Leasehold Improvements	3,833,004.08
Furniture, Fixtures & Equipment	573,533.87
Less: Accum Depreciation	<u>(3,135,471.83)</u>
TOTAL ASSETS	<u>\$43,496,433.35</u>
 <u>LIABILITIES AND FUND BALANCES</u>	
Liabilities	
Accounts Payable	23,535,308.77
Accounts Payable - Other	558.16
Accrued Salaries and Benefits Payable	445,837.06
Other Liabilities	489,754.23
Unearned Revenue	<u>802,012.18</u>
Total Liabilities	<u>25,273,470.40</u>
 Fund Balances	
Restricted Fund Balances	
Water Fund - T2C	<u>1,015,885.56</u>
Total Restricted Fund Balances	<u>1,015,885.56</u>
Designated Reserves	
General Operations	3,830,240.00
Grant & Project Cash Flow	1,500,000.00
Election Expense	696,000.00
Building Repair	444,186.00
OPEB	<u>297,147.00</u>
Total Designated Reserves	<u>6,767,573.00</u>
General Fund	3,453,610.06
General Fund Capital	682,542.68
WEROC Capital	140,436.58
WEROC	<u>225,385.05</u>
Total Unrestricted Fund Balances	<u>11,269,547.37</u>
Excess Revenue over Expenditures	
Operating Fund	5,864,211.74
Other Funds	<u>73,318.28</u>
Total Fund Balance	<u>18,222,962.95</u>
TOTAL LIABILITIES AND FUND BALANCES	<u>43,496,433.35</u>

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July thru November 2019

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>REVENUES</u>						
Retail Connection Charge	0.00	7,888,929.60	7,888,930.00	100.00%	0.00	0.40
Ground Water Customer Charge	0.00	598,248.00	598,248.00	100.00%	0.00	0.00
Water rate revenues	0.00	8,487,177.60	8,487,178.00	100.00%	0.00	0.40
Interest Revenue	43,342.51	234,585.95	580,000.00	40.45%	0.00	345,414.05
Subtotal	43,342.51	8,721,763.55	9,067,178.00	96.19%	0.00	345,414.45
Choice Programs	0.00	1,195,073.28	1,472,622.00	81.15%	0.00	277,548.72
Miscellaneous Income	(0.04)	12,782.78	3,000.00	426.09%	0.00	(9,782.78)
Revenue Other	218.04	1,698.97	0.00		0.00	(1,698.97)
School Contracts	1,407.43	12,618.17	118,213.00	10.67%	0.00	105,594.83
Delinquent Payment Penalty	225.32	225.32	0.00		0.00	(225.32)
Transfer-In From Reserve	0.00	0.00	(42,870.00)	0.00%	0.00	(42,870.00)
Subtotal	1,850.75	1,222,398.52	1,550,965.00	78.82%	0.00	328,566.48
TOTAL REVENUES	45,193.26	9,944,162.07	10,618,143.00	93.65%	0.00	673,980.93

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July thru November 2019

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>EXPENSES</u>						
Salaries & Wages	305,145.09	1,581,122.61	4,052,038.00	39.02%	0.00	2,470,915.39
Salaries & Wages - Grant Recovery	0.00	0.00	(5,500.00)	0.00%	0.00	(5,500.00)
Salaries & Wages - Recovery	(1,142.40)	(5,864.88)	0.00	0.00%	0.00	5,864.88
Director's Compensation	19,957.76	94,487.52	268,132.00	35.24%	0.00	173,644.48
MWD Representation	9,043.36	53,012.80	153,218.00	34.60%	0.00	100,205.20
Employee Benefits	91,116.82	469,846.86	1,261,651.00	37.24%	0.00	791,804.14
CalPers Unfunded Liability Contribution	0.00	207,000.00	207,000.00	100.00%	0.00	0.00
Employee Benefits - Recovery	(217.60)	(1,117.12)	0.00	0.00%	0.00	1,117.12
Director's Benefits	11,399.63	54,077.10	93,947.00	57.56%	0.00	39,869.90
Health Insurance for Retirees	4,048.74	23,728.20	70,287.00	33.76%	0.00	46,558.80
Training Expense	950.00	15,176.42	32,000.00	47.43%	8,895.60	7,927.98
Tuition Reimbursement	0.00	2,552.62	5,000.00	51.05%	0.00	2,447.38
Temporary Help Expense	7,994.86	10,044.66	5,000.00	200.89%	4,005.14	(9,049.80)
Personnel Expenses	448,296.26	2,504,066.79	6,142,773.00	40.76%	12,900.74	3,625,805.47
Engineering Expense	9,841.05	114,726.35	435,000.00	26.37%	215,646.16	104,627.49
Legal Expense	45,414.10	123,275.25	200,000.00	61.64%	125,224.75	(48,500.00)
Audit Expense	4,267.00	19,767.00	29,240.00	67.60%	0.00	9,473.00
Professional Services	68,018.99	360,195.11	1,487,330.00	24.22%	672,059.42	455,075.47
Professional Fees	127,541.14	617,963.71	2,151,570.00	28.72%	1,012,930.33	520,675.96
Conference-Staff	1,064.00	14,661.00	40,535.00	36.17%	449.96	25,424.04
Conference-Directors	(605.00)	5,956.00	28,440.00	20.94%	0.00	22,484.00
Travel & Accom.-Staff	5,391.86	21,223.96	89,131.00	23.81%	0.00	67,907.04
Travel & Accom.-Directors	2,527.99	10,530.83	46,625.00	22.59%	0.00	36,094.17
Travel & Conference	8,378.85	52,371.79	204,731.00	25.58%	449.96	151,909.25
Membership/Sponsorship	52,145.00	118,948.33	114,966.00	103.46%	0.00	(3,982.33)
CDR Support	0.00	25,077.90	50,156.00	50.00%	25,077.90	0.20
Dues & Memberships	52,145.00	144,026.23	165,122.00	87.22%	25,077.90	(3,982.13)
Business Expense	201.57	1,044.34	5,200.00	20.08%	0.00	4,155.66
Maintenance Office	5,427.53	39,769.57	138,527.00	28.71%	95,100.39	3,657.04
Building Repair & Maintenance	604.61	4,296.87	20,000.00	21.48%	5,703.13	10,000.00
Storage Rental & Equipment Lease	258.26	1,276.05	3,616.00	35.29%	1,339.95	1,000.00
Office Supplies	2,702.26	13,738.33	36,000.00	38.16%	9,604.03	12,657.64
Supplies - Water Loss Control	52.53	4,102.11	2,033.00	201.78%	0.00	(2,069.11)
Postage/Mail Delivery	855.13	2,624.99	9,400.00	27.93%	1,725.26	5,049.75
Subscriptions & Books	99.99	380.60	1,500.00	25.37%	0.00	1,119.40
Reproduction Expense	3,455.33	26,433.91	61,000.00	43.33%	1,523.37	33,042.72
Maintenance-Computers	564.72	1,470.61	8,000.00	18.38%	1,948.40	4,580.99
Software Purchase	5,057.10	14,564.46	34,500.00	42.22%	3,678.15	16,257.39
Software Support	4,950.02	24,214.55	59,134.00	40.95%	1,800.00	33,119.45
Computers and Equipment	0.00	19,929.14	49,450.00	40.30%	0.00	29,520.86
Automotive Expense	1,559.28	9,206.44	19,300.00	47.70%	0.00	10,093.56
Vehicle Expense	135.64	943.37	13,160.00	7.17%	0.00	12,216.63
Toll Road Charges	178.45	518.12	2,400.00	21.59%	0.00	1,881.88
Insurance Expense	10,943.13	52,063.97	140,000.00	37.19%	0.00	87,936.03
Utilities - Telephone	1,999.53	9,965.32	25,773.00	38.67%	800.85	15,006.83
Bank Fees	0.00	88.33	1,200.00	7.36%	0.00	1,111.67
Miscellaneous Expense	9,485.50	30,829.33	108,100.00	28.52%	1,287.74	75,982.93
MWDOC's Contrb. to WEROC	19,081.50	95,407.50	273,367.00	34.90%	0.00	177,959.50
Depreciation Expense	3,482.30	17,411.48	0.00	0.00%	0.00	(17,411.48)
Other Expenses	71,094.38	370,279.39	1,011,660.00	36.60%	124,511.27	516,869.34
Building Expense	11,869.97	308,349.17	835,831.00	36.89%	212,194.99	315,286.84
Capital Acquisition	0.00	82,893.25	106,456.00	77.87%	0.00	23,562.75
TOTAL EXPENSES	719,325.60	4,079,950.33	10,618,143.00	38.42%	1,388,065.19	5,150,127.48
NET INCOME (LOSS)	(674,132.34)	5,864,211.74	0.00			

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
Water Fund
From July thru November 2019

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
<u>WATER REVENUES</u>					
Water Sales	8,875,326.80	61,317,372.00	232,376,274.00	26.39%	171,058,902.00
Readiness to Serve Charge	838,872.80	4,194,364.00	10,071,282.00	41.65%	5,876,918.00
Capacity Charge CCF	299,996.67	1,499,983.35	3,615,440.00	41.49%	2,115,456.65
SCP/SAC Pipeline Surcharge	27,830.60	159,279.37	350,000.00	45.51%	190,720.63
Interest	<u>1,689.66</u>	<u>9,506.00</u>	<u>20,000.00</u>	<u>47.53%</u>	<u>10,494.00</u>
TOTAL WATER REVENUES	<u>10,043,716.53</u>	<u>67,180,504.72</u>	<u>246,432,996.00</u>	<u>27.26%</u>	<u>179,252,491.28</u>
<u>WATER PURCHASES</u>					
Water Sales	8,875,326.80	61,317,372.00	232,376,274.00	26.39%	171,058,902.00
Readiness to Serve Charge	838,872.80	4,194,364.00	10,071,282.00	41.65%	5,876,918.00
Capacity Charge CCF	299,996.67	1,499,983.35	3,615,440.00	41.49%	2,115,456.65
SCP/SAC Pipeline Surcharge	<u>27,830.60</u>	<u>159,279.37</u>	<u>350,000.00</u>	<u>45.51%</u>	<u>190,720.63</u>
TOTAL WATER PURCHASES	<u>10,042,026.87</u>	<u>67,170,998.72</u>	<u>246,412,996.00</u>	<u>27.26%</u>	<u>179,241,997.28</u>
EXCESS OF REVENUE OVER EXPENDITURES	<u><u>1,689.66</u></u>	<u><u>9,506.00</u></u>	<u><u>20,000.00</u></u>		

Municipal Water District of Orange County
WUE Revenues and Expenditures (Actuals vs Budget)
From July thru November 2019

	Year to Date Actual	Annual Budget	% Used
Spray To Drip Conversion			
Revenues	2,955.39	110,562.00	2.67%
Expenses	3,653.85	110,562.00	3.30%
Excess of Revenues over Expenditures	(698.46)	0.00	
Member Agency Administered Passthru			
Revenues	249,400.00	616,000.00	40.49%
Expenses	191,600.00	616,000.00	31.10%
Excess of Revenues over Expenditures	57,800.00	0.00	
ULFT Rebate Program			
Revenues	3,858.01	27,500.00	14.03%
Expenses	3,793.51	27,500.00	13.79%
Excess of Revenues over Expenditures	64.50	0.00	
HECW Rebate Program			
Revenues	42,102.00	300,000.00	14.03%
Expenses	41,929.98	300,000.00	13.98%
Excess of Revenues over Expenditures	172.02	0.00	
CII Rebate Program			
Revenues	0.00	305,000.00	0.00%
Expenses	(270.00)	305,000.00	-0.09%
Excess of Revenues over Expenditures	270.00	0.00	
Turf Removal Program			
Revenues	263,236.52	835,776.00	31.50%
Expenses	387,861.54	835,776.00	46.41%
Excess of Revenues over Expenditures	(124,625.02)	0.00	
Comprehensive Landscape (CLWUE)			
Revenues	19,413.00	110,558.00	17.56%
Expenses	31,878.72	116,450.00	27.38%
Excess of Revenues over Expenditures	(12,465.72)	(5,892.00)	
Recycled Water Program			
Revenues	0.00	19,750.00	0.00%
Expenses	0.00	19,750.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
WSIP - Industrial Program			
Revenues	0.00	45,000.00	0.00%
Expenses	0.00	45,000.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
WUE Projects			
Revenues	580,964.92	2,370,146.00	24.51%
Expenses	660,447.60	2,376,038.00	27.80%
Excess of Revenues over Expenditures	(79,482.68)	(5,892.00)	
WEROC			
Revenues	324,385.50	652,564.00	49.71%
Expenses	148,816.87	624,478.00	23.83%
Excess of Revenues over Expenditures	175,568.63	28,086.00	



CONSENT CALENDAR ITEM

January 15, 2020

TO: Board of Directors

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

Robert J. Hunter
General Manager

Staff Contact: Cathy Harris,
Director of Human Resources & Admin.

SUBJECT: Approve Revisions to the Administrative Code Section 1307 and the General Manager's Performance Evaluation Guidelines

STAFF RECOMMENDATION

It is recommended that the Board of Directors approve the proposed revisions to Administrative Code Section 1307 and to the General Manager's Performance Evaluation Guidelines, as presented.

COMMITTEE RECOMMENDATION

Committee concurred with staff recommendation.

SUMMARY

During the General Manager's evaluation process in November, it was recommended that a change be made to the current timeline of the General Manager's Performance Review to be more in line with the budget fiscal year which runs from July 1 to June 30. Attached are the proposed redline changes for consideration.

DETAILED REPORT

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

BOARD OPTIONS

Option #1 Approve the proposed changes to the General Manager's Performance Review Process to be consistent with the timing of the budget thus improving efficiencies.

Fiscal Impact: None

Option #2 Do not approve the proposed changes to the General Manager's Performance Review Process

Fiscal Impact: None

STAFF RECOMMENDATION

Option # 1 - Approve the proposed changes to the General Manager's Performance Review Process to be consistent with the timing of the budget thus improving efficiencies.

§1307 GENERAL MANAGER

a. Powers and Duties of the General Manager

The Board employs a General Manager to carry out its policies, manage MWDOC operations and provide day-to-day supervision of MWDOC employees and control of MWDOC expenditures, and the Board has determined that clear delineation of the General Manager's authority is essential to effective MWDOC management. The General Manager may appoint a designee to act on his behalf in cases of his temporary absence.

Specifically, the Board delegates to the General Manager or his designee the authority to:

- 1) make and carry out management decisions in conformity with Board-established MWDOC policies;
- 2) employ, terminate, assign duties to, and direct the day-to-day activities of all MWDOC employees consistent with California law and the policies and procedures set forth in the MWDOC Personnel Manual. The Board retains authority to employ, terminate, and assign duties to the General Manager, Secretary, Treasurer, and Legal Counsel. The Board retains authority to establish salary ranges for all employees, and to authorize employee travel on MWDOC business outside the State of California;
- 3) establish MWDOC employee job classifications and descriptions, subject to periodic review of overall personnel utilization by Board. The Board retains authority to control overall staffing levels by setting number of authorized positions;
- 4) direct activities of contractors performing services for MWDOC including the authority to retain, define the scope of efforts of, and dismiss consultants;
- 5) manage MWDOC financial operations, oversee the investment of MWDOC funds and assure MWDOC funds are expended in conformity with Board-approved budgets and applicable laws. Annual budget shall be proposed in form and at level of detail as determined by Board. Upon Board approval of budget, General Manager shall have authority to commit budgeted funds for purposes and up to limits authorized for each budget category. When not authorized by the budget, the General Manager shall seek specific authorization from the Board to expend budgeted sums in excess of \$25,000 for any contract or purchases except as otherwise authorized in Exhibit A (Section 8000); General Manager shall review budget status quarterly with Board, and shall propose corrective action if revenues or expenditures vary materially from budget. The General Manager shall have the authority to move budgeted funds within and between cost centers, however the General Manager must notify the Board when moving funds between cost centers. Board approval is required to move funds from Choice to Core budget items, between Choice programs, and to re-allocate grant funding. Unless the movement of Choice funds is deemed to be an emergency, Member Agencies shall be notified and have the

opportunity to comment on the proposed action at both a MWDOC Committee and Board meeting.

- 6) expend non-budgeted funds to meet an emergency which adversely affects, directly or potentially, ability of MWDOC to perform its services; which puts MWDOC property or personnel in jeopardy; or which may jeopardize health or property of the community or its residents. General Manager shall determine that an emergency exists and shall inform Board of the emergency, at the earliest opportunity, the steps taken and expenditures incurred to meet it;
- 7) propose and carry out, upon Board approval, MWDOC management objectives and plans;
- 8) remove or prohibit an item that has passed through a Committee from being presented to the full Board (only with the concurrence of the Committee Chair);
- 9) Board retains to itself, sole authority to accept and convey, on behalf of MWDOC, real property or real property rights, and water and capacity rights.

b. Rights and Benefits of General Manager

Unless otherwise set forth in this Administrative Code, the employment rights and benefits for the General Manager are limited to those enumerated in the General Manager's written employment contract with MWDOC. No employment rights or benefits for the General Manager are contained in the MWDOC Personnel Manual.

c. Compensation of General Manager

The salary of the General Manager shall be fixed at a flat rate set by the Board of Directors upon recommendation by the Executive Committee. Merit increases will be instituted in accordance with the approved Pay Increase Guidelines included in the Board Performance Evaluation Policy.

d. General Manager's Evaluation Process

The General Manager's evaluation process shall be in accordance with the Board Performance Evaluation Policy, as follows:

- On a quarterly basis the General Manager is expected to report on progress in attaining goals
- The performance appraisal will cover the prior fiscal year period of July 1 to June 30
- The performance appraisal is completed in October/July
- A mid-year update may be conducted in March/January of each year
- The Board shall conduct the appraisal interview with the General Manager in closed session

Specific details on the evaluation process is included in the Board Performance Evaluation Policy regarding Evaluation of the General Manager and can be obtained from the District Secretary and Human Resources.

R1201- 8/24/83; Motion - 4/21/93; Motion – 11/25/96; Motion 5/18/05; Motion 4/18/12; M-6/17/15



Board Performance Evaluation Policy:
Evaluation of General Manager

Updated
October 21, 2015 January 15, 2020

1.0 What is the purpose of the General Manager's Performance Appraisal Plan?

- 1.1 There are a number of desired outcomes that can be achieved through the General Manager's Performance Appraisal Plan, including the ability to:
- Organize and establish Board priorities and link General Manager's goals with the strategic planning, working planning, and budgeting processes.
 - Set specific and objective measures in cooperation with the General Manager, and provide open and meaningful feedback regarding performance expectations.
 - Reference to the duties outlined in the General Manager's Job Description

2.0 GM Performance Appraisal Process

- 2.1 The Performance appraisal will cover the prior fiscal year period of July 1st to June 30th.
- 2.2 Board President or designee discusses the proposed evaluation process with the Board during the month of ~~September~~June with the process completed in the month of ~~October~~July.
- 2.2.1 At the Board's discretion, the standard GM Evaluation Form may be used.
- 2.3 The performance appraisal is completed in ~~October~~July.
- 2.4 At the Board's discretion, a Mid-Year update may be conducted in ~~March~~January of each year.
- 2.5 At the Board's discretion, a quarterly progress meeting (October, January, April, July) may be held with the GM and the Board to discuss progress on goals.
- 2.6 Based on the GM's overall performance and budget, the Board will determine General Manager's compensation increase. The Board may also take into consideration survey data of comparable GM salaries.
- 2.7 Upon completion of the Performance Appraisal by the Board, a closed session will be held with the Board and the General Manager to discuss the Performance Review.
- 2.8 Based on the outcome of the Performance Appraisal, documentation will be finalized and executed and copies will be provided to the General Manager and placed in the GM's Personnel file accordingly.

3.0 SETTING OF FUTURE GOALS AND OBJECTIVES FOR NEXT PERFORMANCE APPRAISAL PERIOD:

- 3.1 During the Performance Appraisal process the Board and the General Manager will develop goals and objectives for the next review period.



ACTION ITEM
January 15, 2020

TO: Board of Directors

FROM: Sat Tamaribuchi, President

SUBJECT: **STANDING COMMITTEE AND AD HOC COMMITTEE APPOINTMENTS FOR 2020; SCHEDULE OF COMMITTEE MEETING DATES FOR 2020**

PRESIDENT'S RECOMMENDATION

It is recommended that the Board of Directors: (1) ratify the list of Standing Committee and Ad Hoc Committee Appointments as presented by the President of the Board; and (2) ratify Committee meeting dates/times for 2020.

SUMMARY

In accordance with the MWDOC Administrative Code, the Board of Directors shall consider the appointment of members of its Standing Committees by the end of February of each year. It also provides the Board shall review and establish Special Committees as appropriate. Members shall be appointed to Standing and Special Committees by the President of the Board and ratified by the Board of Directors. The current Standing Committees of the Board of Directors are:

Administration & Finance Committee
Planning & Operations Committee
Public Affairs & Legislation Committee
Executive Committee
MWDOC/OCWD Joint Planning Committee

Attached is President Tamaribuchi's slate of nominations to MWDOC Standing and Ad Hoc Committees, along with proposed meeting dates for the upcoming year.

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

2020
STANDING COMMITTEE APPOINTMENTS
Municipal Water District of Orange County

STANDING COMMITTEE	MEMBERS	COMMITTEE DATE (Attached is List of Exact Dates for 2020)
Executive Committee (President, Vice President and Immediate Past President)	S. Tamaribuchi, Chair J. Finnegan B. Barbre	Thursday following Regular Board meeting 8:30 a.m.
Administration & Finance Committee	J. Thomas, Chair J. Finnegan L. Dick	2 nd Wednesday 8:30 a.m.
Planning & Operations Committee	B. McVicker, Chair L. Dick M. Yoo Schneider	1 st Monday 8:30 a.m.
Public Affairs & Legislation Committee	M. Yoo Schneider, Chair B. Barbre B. McVicker	3 rd Monday 8:30 a.m.
MWDOC/OCWD Joint Planning Committee	S. Tamaribuchi, Chair L. Dick B. McVicker	4 th Wednesday 8:30 a.m. (quarterly)
AD HOC COMMITTEES	Members	Staff Lead
Ad Hoc Committee on Water Policy Forum	S. Tamaribuchi L. Dick J. Finnegan	D. Micalizzi
Ad Hoc Committee on Non-Basin Member Agency Relations	J. Thomas M. Yoo Schneider S. Tamaribuchi	R. Hunter
Ad Hoc Committee on Basin Member Agency Relations	B. Barbre L. Dick B. McVicker	R. Hunter
Ad Hoc Committee Re Water Summit	J. Thomas M. Yoo Schneider S. Tamaribuchi	D. Micalizzi
Ad Hoc Committee on MWDOC/OCWD Building Issues	J. Finnegan S. Tamaribuchi	C. Harris
Ad Hoc Committee on Desalination	B. McVicker L. Dick S. Tamaribuchi	R. Hunter K. Seckel
Ad Hoc Committee re Strand Ranch Project	L. Dick S. Tamaribuchi J. Thomas	R. Hunter

**STANDING COMMITTEE DATES FOR 2020
(Through January 2021)**

Planning & Operations Committee

*This Committee generally meets the first Monday of each month at 8:30 a.m. An * indicates those months requiring a change in the meeting date and/or time (due to holiday or conflict)*

Monday	February 3, 2020	8:30 a.m.
Monday	March 2, 2020	8:30 a.m.
Monday	April 6, 2020	8:30 a.m.
Monday	May 4, 2020	8:30 a.m.
Monday	June 1, 2020	8:30 a.m.
Monday	July 6, 2020	8:30 a.m.
Monday	August 3, 2020	8:30 a.m.
*Tuesday	September 8, 2020	8:30 a.m. (Meets on Tuesday due to holiday)
Monday	October 5, 2020	8:30 a.m.
Monday	November 2, 2020	8:30 a.m.
*Monday	December 14, 2020	8:30 a.m. (Second Monday due to conflict with MET)
Monday	January 4, 2021	8:30 a.m.

Administration & Finance Committee

*This Committee generally meets the second Wednesday of each month at 8:30 a.m. An * indicates those months requiring a change in the meeting date (due to holiday or conflict)*

Wednesday	January 8, 2020	8:30 a.m.
Wednesday	February 12, 2020	8:30 a.m.
Wednesday	March 11, 2020	8:30 a.m.
Wednesday	April 8, 2020	8:30 a.m.
Wednesday	May 13, 2020	8:30 a.m.
Wednesday	June 10, 2020	8:30 a.m.
Wednesday	July 8, 2020	8:30 a.m.
Wednesday	August 12, 2020	8:30 a.m.
Wednesday	September 9, 2020	8:30 a.m.
Wednesday	October 14, 2020	8:30 a.m.
*Thursday	November 12, 2020	8:30 a.m. (Meets on Thursday due to holiday)
Wednesday	December 9, 2020	8:30 a.m.
Wednesday	January 13, 2021	8:30 a.m.

Public Affairs & Legislation Committee

*This Committee generally meets the third Monday of each month at 8:30 a.m. An * indicates those months requiring a change in the meeting date (due to holiday or conflict)*

Monday	January 20, 2020	8:30 a.m.
*Tuesday	February 18, 2020	8:30 a.m. (Tuesday due to holiday)
Monday	March 16, 2020	8:30 a.m.
Monday	April 20, 2020	8:30 a.m.
Monday	May 18, 2020	8:30 a.m.

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

Monday	June 15, 2020	8:30 a.m.
Monday	July 20, 2020	8:30 a.m.
*Monday	August 10, 2020	8:30 a.m. (Second Monday due to conflict with MET)
Monday	September 21, 2020	8:30 a.m.
Monday	October 19, 2020	8:30 a.m.
Monday	November 16, 2020	8:30 a.m.
Monday	December 21, 2019	8:30 a.m.
Monday	January 18, 2021	8:30 a.m.

Executive Committee

*This Committee generally meets the Thursday following the Regular Board Meeting at 8:30 a.m.; the Regular Board meeting is held the third Wednesday of each month at 8:30 a.m. An * indicates those months requiring a change in the meeting date (due to holiday or conflict)*

Thursday	January 16, 2020	8:30 a.m.
Thursday	February 20, 2020	8:30 a.m.
Thursday	March 19, 2020	8:30 a.m.
Thursday	April 16, 2020	8:30 a.m.
Thursday	May 21, 2020	8:30 a.m.
Thursday	June 18, 2020	8:30 a.m.
Thursday	July 16, 2020	8:30 a.m.
Thursday	August 20, 2020	8:30 a.m.
Thursday	September 17, 2020	8:30 a.m.
Thursday	October 22, 2020	8:30 a.m.
Thursday	November 19, 2020	8:30 a.m.
Thursday	December 17, 2020	8:30 a.m.
Thursday	January 21, 2021	8:30 a.m.

MWDOC/OCWD Joint Planning Committee Meetings

*This Committee generally meets the fourth Wednesday of each month at 8:30 a.m. An * indicates those months requiring a change in the meeting date (due to holiday or conflict)*

Wednesday	January 29, 2020	8:30 a.m.
Wednesday	April 22, 2020	8:30 a.m.
Wednesday	July 22, 2020	8:30 a.m.
Wednesday	October 28, 2020	8:30 a.m.

MWDOC Elected Officials Forum

This meeting is held once per year in April; historically on the first Thursday of the month

Wednesday	April 2, 2020	6:00 p.m.
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Workshop Board Meeting Dates

These meetings are held the first Wednesday of each month; if the first Wednesday falls on a holiday, the Board shall determine the date

Wednesday,	February 5, 2020	8:30 a.m.
Wednesday	March 4, 2020	8:30 a.m.
Wednesday	April 1, 2020	8:30 a.m.
*Wednesday	April 29, 2020	8:30 a.m. (5 th Wednesday in April, rather than May 6, due to ACWA conflict in May)

Wednesday	May 6, 2020	8:30 a.m.
Wednesday	June 3, 2020	8:30 a.m.
Wednesday	July 1, 2020	8:30 a.m.
Wednesday	August 5, 2020	8:30 a.m.
Wednesday	September 2, 2020	8:30 a.m.
Wednesday	October 7, 2020	8:30 a.m.
Wednesday	November 4, 2020	8:30 a.m.
Wednesday	December 2, 2020	8:30 a.m.
Wednesday	January 6, 2021	8:30 a.m.

Regular Board Meeting Dates

These meetings are held the third Wednesday of each month; if the third Wednesday falls on a holiday, the Board shall determine the date

Wednesday	January 15, 2020	8:30 a.m.
Wednesday,	February 19, 2020	8:30 a.m.
Wednesday	March 18, 2020	8:30 a.m.
Wednesday	April 15, 2020	8:30 a.m.
Wednesday	May 20, 2020	8:30 a.m.
Wednesday	June 17, 2020	8:30 a.m.
Wednesday	July 15, 2020	8:30 a.m.
Wednesday	August 19, 2020	8:30 a.m.
Wednesday	September 16, 2020	8:30 a.m.
Wednesday	October 21, 2020	8:30 a.m.
Wednesday	November 18, 2020	8:30 a.m.
Wednesday	December 16, 2020	8:30 a.m.
Wednesday	January 20, 2021	8:30 a.m.

By Resolution, the Board established its Board meeting dates as the first and third Wednesdays of each month at 8:30 a.m.

Proposed Canceled Board Meeting Dates Due to Conflict with ACWA Conf.

December 2, 2020 Workshop Board Meeting with MET Directors



ACTION ITEM
January 15, 2020

TO: Board of Directors
FROM: Sat Tamaribuchi, President
SUBJECT: ASSOCIATION AND COMMISSION APPOINTMENTS FOR 2020

PRESIDENT'S RECOMMENDATION

It is recommended that the Board of Directors:

1. Ratify the appointment of Representatives and Alternates to Associations as presented by the President of the Board; and
2. Adopt proposed Resolution approving the appointment of one Representative and one Alternate to the Santiago Aqueduct Commission (SAC), for submission to SAC.

DETAILED REPORT

In accordance with Board policy, the appointment of MWDOC Board Representatives to outside associations are to be considered by the end of February of each year. The policy provides that appointments shall be ratified by the Board of Directors, as presented by the President of the Board.

Attached are President Tamaribuchi's recommendations for Association and Commission appointments for 2020.

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

2020 AGENCY REPRESENTATIVES' APPOINTMENTS Municipal Water District of Orange County		
Association/Commission	Members	Normal Meeting Times
Santiago Aqueduct Commission	Rep.: J. Thomas Alt: K. Seckel	March, June, September, December; 3 rd Thurs. at 8:30 a.m.
Water Advisory Committee of Orange County (WACO) Planning Committee <i>Staff Support: H. Baez</i>	Reps: J. Finnegan L. Dick	3 rd Tuesday 7:30 am
Independent Special Districts of OC (ISDOC) <i>Staff Support: H. Baez</i>	Reps: J. Finnegan L. Dick	1 st Tues 7:30 am
NWRA Municipal Caucus <i>Staff Support: H. Baez</i>	Rep: L. Ackerman Alt: B. Barbre	
Southern California Water Coalition <i>Staff Support: H. Baez/R. Hunter</i>	Reps: L. McKenney M. Yoo Schneider L. Dick	
Orange County Business Council www.ocbc.org Legislative <i>Staff Support: H. Baez</i> Infrastructure <i>Staff Support: H. Baez/R. Hunter</i>	Reps: B. Barbre L. Dick Reps: L. Dick S. Tamaribuchi	1/10, 2/7, 4/3, 6/5, 8/7, 2020 at 9:30 am (the balance of meeting dates for 2020 have not been set) 2/11, 3/10/, 4/14, 5/12, 6/9, 7/14, 8/11, 2020; 7:30 am (the balance of meeting dates have not been set)
California Special Districts Association <i>Staff Support: H. Baez</i>	Rep: J. Finnegan Alt: L. Dick	

Colorado River Water Users Association <i>Staff Support: H. DeLaTorre</i>	MWDOC Board of Directors	Annually in Dec.
Center for Demographic Research Oversight Committee <i>Staff Support: K. Seckel</i>	Rep: J. Finnegan Alt: S. Tamaribuchi	
ACWA Joint Powers Insurance Authority <i>Staff Support: C. Harris</i>	Rep: J. Finnegan Alt: L. Dick	
ACWA Federal Affairs Committee <i>Staff Support: H. Baez</i>	Rep: L. Ackerman Alt: B. Barbre	
ACWA Business Development Committee <i>Staff Support: H. Baez</i>	Rep: L. McKenney	
ACWA Groundwater Committee <i>Staff Support: C. Busslinger</i>	Rep: B. McVicker	
ACWA Water Management Committee <i>Staff Support: R. Hunter</i>	Rep: S. Tamaribuchi Alt: R. McVicker	
ACWA Water Quality Committee <i>Staff Support: R. Hunter</i>	Reps: B. McVicker M. Yoo Schneider	
ACWA State Legislative Committee	Rep: H. Baez	
ACWA Region 10 <i>Staff Support: H. Baez</i>	All Directors Eligible to Attend	
Orange County Council of Governments <i>Staff Support: H. Baez</i>	Rep: J. Finnegan Alt: M. Yoo Schneider	4 th Thurs. at 10:30 am (dates have not been finalized)
Orange County Operational Area Executive Board <i>Representative Appointed by ISDOC</i> <i>Staff Support: TBD</i>	Rep: K. Seckel	Quarterly, 2:45 pm (normally Wed)
CALDesal <i>Staff Support: K. Seckel</i>	Rep: L. Dick B. McVicker M. Yoo Schneider	

California Council for Environmental and Economic Balance/California Environmental Dialogue (CCEEB/CED) <i>Staff Support: R. Hunter</i>	Rep: S. Tamaribuchi Alt: M. Yoo Schneider	
South Orange County Economic Coalition <i>Staff Support: H. Baez</i>	Rep: J. Thomas Alt: M. Yoo Schneider	
South Orange County Watershed Management Area Executive Committee <i>Staff Support: K. Seckel, C. Busslinger</i>	Rep: M. Yoo Schneider Alt: J. Thomas	
Association of California Cities; Orange County <i>Staff Support: H. Baez</i>	Rep: L. Dick Alt: B. Barbre	

RESOLUTION NO. ____
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

RE: DESIGNATION OF MEMBER AND
ALTERNATES TO SANTIAGO AQUEDUCT COMMISSION

2020

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 _____, 2020 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

GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES JANUARY 2020

MWDOC Agencies Managers Meeting	The December Member Agency Managers' meeting was cancelled. The next meeting is scheduled for Thursday, January 23, 2020 at 10:30 a.m.
Meetings	<p>Charles Busslinger attended Southern California Edison's (SCE) Fall 2019 Power Briefing on December 4, 2019.</p> <p>Rates - Average rate increases of 3% go into effect in January 2020. SCE is petitioning the CPUC for another 6% increase in April 2020 followed by another 3% for the beginning of 2021.</p> <p>Public Safety Power Shutoffs (PSPS) - Approximately 25% of SCE's service area is in high fire risk areas. SCE is currently focusing on the following areas:</p> <ol style="list-style-type: none"> 1. Vegetation Management 2. Public Safety Power Shutoffs 3. Deploying 222 monitoring cameras & 850 weather stations by 2020. 4. Advanced Weather Modeling to help with PSPS. <p>SCE is also replacing 600 miles of bare conductor cables with insulated wire by 2020 to help with grid hardening (SCE's service area has 12,635 miles of transmission lines). SCE is also replacing pole mounted fuses that were found to spark when blown, and installing new technology to sectionalize circuits to reduce the number of customers affected by PSPS.</p> <p>Pathway 2045 – is SCE's 'blueprint' (or what SCE believes will be necessary) in order to attain California State goals of carbon neutrality and reduction in greenhouse gas (GHG) emissions and air pollutants that are required by SB 350 & SB 100. To achieve the mandated 2045 requirements requires <u>a complete transformation of California's economy</u>:</p> <ul style="list-style-type: none"> • Decarbonize 100% of retail electrical sales (i.e. all sales to both bundled and direct access customers, but excluding sales to public power customers or inter-changes with other utilities) • 75% of vehicles will need to be electric vehicles • 70% of all buildings (including retrofitting of existing buildings) to all electric (replace natural gas water and space heating systems) • 43% of remaining non-electric energy switched to low-carbon fuels (biofuels and hydrogen) • SB-100 Renewables Portfolio Standard (RPS) excludes large hydroelectric and nuclear power in achieving these mandates. Hydro is presumably excluded because of climate change impacts of increased droughts which result in less hydroelectric production • Sequestering the remaining 108 Million Metric Tons of Carbon annually (in 2017 California Carbon emissions were 424 Million Metric Tons)

Meetings – continued	<p>The following transformations are noted:</p> <ol style="list-style-type: none">1. These changes result in a 60% increase in grid served electricity consumption and a 40% increase in peak load. This is forecast only to be achieved by importing wind energy from out of state, requiring additional transmission lines.2. Additional 30 Gigawatts (GW) of utility-scale energy storage because renewable energy is intermittent. Current storage is targeted at 4 hours of storage capacity. Storage systems will need to be increased to 7 hour + systems.3. 80 GW of additional generation capacity and grid improvements (Utility – scale storage, generation and grid improvements estimated at \$250 Billion)4. Up to 50% of homes to have solar systems and 10 GW of distributed energy resource (DER) storage5. Late adopters that continue to use natural gas and gasoline will bear increased costs to maintain those systems as others move over.																																																				
<div>MET ITEMS CRITICAL TO ORANGE COUNTY</div>																																																					
MET’s Finance and Rate Issues	<p>Water transactions through October were 189.1 TAF lower than budget and 96.8 TAF less than the prior year actual. This is primarily due to a reduction of untreated sales. This results in water transactions through October totaling \$450.2 million, which is \$168.9 million lower than budget and \$62.1 million lower than the prior year actual.</p> <div><div>Monthly Water Transactions⁽¹⁾ (AF in thousands)</div><table><thead><tr><th>Month</th><th>Actual FY19-20</th><th>Budget FY19-20</th><th>Actual FY18-19</th></tr></thead><tbody><tr><td>July</td><td>130</td><td>190</td><td>160</td></tr><tr><td>Aug</td><td>135</td><td>185</td><td>165</td></tr><tr><td>Sept</td><td>135</td><td>180</td><td>150</td></tr><tr><td>Oct</td><td>125</td><td>150</td><td>150</td></tr><tr><td>Nov</td><td>125</td><td>125</td><td>140</td></tr><tr><td>Dec</td><td>105</td><td>105</td><td>105</td></tr><tr><td>Jan</td><td>110</td><td>110</td><td>95</td></tr><tr><td>Feb</td><td>95</td><td>95</td><td>45</td></tr><tr><td>Mar</td><td>120</td><td>120</td><td>80</td></tr><tr><td>Apr</td><td>140</td><td>140</td><td>100</td></tr><tr><td>May</td><td>160</td><td>160</td><td>90</td></tr><tr><td>June</td><td>185</td><td>185</td><td>140</td></tr></tbody></table><p>⁽¹⁾ Includes Water Sales, Exchanges, and Wheeling</p><div>Finance & Insurance Committee Item 7a Slide 3 December 9, 2019</div></div>	Month	Actual FY19-20	Budget FY19-20	Actual FY18-19	July	130	190	160	Aug	135	185	165	Sept	135	180	150	Oct	125	150	150	Nov	125	125	140	Dec	105	105	105	Jan	110	110	95	Feb	95	95	45	Mar	120	120	80	Apr	140	140	100	May	160	160	90	June	185	185	140
Month	Actual FY19-20	Budget FY19-20	Actual FY18-19																																																		
July	130	190	160																																																		
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May	160	160	90																																																		
June	185	185	140																																																		

Colorado River Issues	<p><u>Colorado River Climate Science Research Activities</u></p> <p>In late October and November, Metropolitan staff attended two climate science research meetings focused on improved understanding of the implications of climate change for water supply in the Colorado River basin. The first meeting in Phoenix, Arizona, reported results from a project to study the long-range water supply projections for the Colorado River between Arizona State University and the Central Arizona Project, funded by the National Aeronautics and Space Administration (NASA). The aim of the project is to improve Colorado River basin hydrologic modelling by including new remote sensing data collected by NASA, and then to simulate long-range future scenarios incorporating climate change and land cover changes. Preliminary findings include an estimated reduction in Colorado River streamflow by 4 - 15 percent by 2050. The second event was a meeting in Salt Lake City of the Colorado River Climate and Hydrology Work Group. At the meeting, participants gave updates on a wide range of projects aimed at improving the methods to understand, produce, and implement future streamflow forecasts. One such study focused on improving water supply forecasts for the rivers that flow into the Colorado River below Lake Powell. Those rivers can add a million acre-feet of runoff but the forecasting of those streams historically have not been very accurate.</p> <p><u>Imperial Irrigation District Board Memorandum Establishing Colorado River Parameters</u></p> <p>The November 18 Imperial Irrigation District (IID) board meeting included discussion of a document that IID staff has described as establishing parameters for IID's position in the renegotiation of the 2007 Interim Guidelines, which are set to expire in 2026. The formal renegotiation of the 2007 Interim Guidelines will begin sometime in 2020. IID's Parameters document included statements that "[n]o new transfers of water shall be made outside of Imperial Valley" and that IID, as a Section 5 contract holder, is the only entity that can negotiate for IID, as well as discussion of IID's position regarding its legal rights to divert and use Colorado River water.</p>
Bay Delta/State Water Project Issues	<p><u>Regulatory Activities</u></p> <p>The U.S. Bureau of Reclamation and the California Department of Water Resources have been working with the U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NMFS) on the re-initiation of consultation for the Coordinated Long-Term Operation of the Central Valley Project and State Water Project. The USFWS and NMFS released finalized biological opinion on the coordinated operations of the CVP/SWP on October 21, 2019. The carefully evaluated impact of CVP/SWP water operations looked at imperiled species including Delta smelt and 15 terrestrial species that could be impacted. The proposal includes habitat management measures in the Delta and entrainment management related to water exports in the South Delta.</p> <p>The Biological Opinions documented impacts from the proposed operations and worked with Reclamation to modify their proposed operations to minimize and offset those impacts. The Biological Opinions undertook two independent scientific peer reviews. Ultimately, the federal Biological Opinions concluded that Reclamation's proposed operations will not jeopardize threatened or endangered species or adversely modify their designated critical habitat.</p>

Bay Delta/State Water Project Issues – continued	<p><u>Delta Conveyance Design and Construction Authority</u></p> <p>The California Department of Water Resources (DWR) is continuing to work on the environmental planning preparatory work for Delta conveyance. DWR anticipates that the formal environmental review process began in December 2019 with the release of the Notice of Preparation under the California Environmental Quality Act (CEQA). DWR presented a proposed schedule for the Delta conveyance environmental review and permitting process to the Delta Conveyance Design and Construction Authority (DCA) Stakeholder Engagement Committee in November. The proposed three-year schedule includes the CEQA process, federal and state endangered species permits, water rights process, Delta Plan consistency and other environmental permits.</p> <p><u>Science Activities</u></p> <p>The State Water Contractors organized and hosted a Longfin Smelt Science Symposium on November 7. Metropolitan staff participated in planning the symposium and provided presentations. The symposium covered emerging and current research findings on the condition of longfin smelt, a state list species. Studies sponsored or conducted by Metropolitan staff were included, and there was an emphasis on management relevance. The symposium presentations included recent findings on longfin smelt distribution and habitat use, diet, longfin smelt culture method development, and genetic analyses. The presenters also participated in a final panel discussion of next steps in longfin-smelt research. The symposium was well received and well attended by representatives of state and federal agencies and university and consulting researchers.</p> <p>Metropolitan staff participated in several state agency science coordination meetings in November. Metropolitan staff attended the Interagency Ecological Program (IEP) stakeholder meeting on November 13 and provided input on the development of an IEP Status and Trends report and the IEP Long Term Monitoring review. Metropolitan staff also participated in the first Delta Science Program meeting on developing a Delta Science Tracker. The Delta Science Tracker is envisioned as a public resource that will improve collaboration and budget accountability. Staff participated in an IEP Predation Project Work Team meeting to develop a conceptual model for how predation interactions occur between predators and prey. This model will be used to help define and test appropriate hypotheses to better understand the effects of predation on juvenile salmonids and other prey species.</p> <p>Metropolitan staff continued participating in the Collaborative Science and Adaptive Management Program, including participation on the Collaborative Adaptive Management Team (CAMT). At the November 19 CAMT meeting, the discussion focused on Delta smelt and salmon collaborative science activities. Metropolitan staff provided input to a draft Delta Smelt Conditions Report prepared by Delta Science Program staff. The purpose of the report is to support the need for reporting and communicating information from Delta Smelt monitoring and studies that was identified in the Delta Smelt Science Plan completed earlier this year. Metropolitan staff is also participating in the Delta smelt SDM Technical Work Group, and this month provided input to the screening of Delta smelt impact pathways, which will inform Delta smelt objectives and performance measures. CAMT also received an update on another CAMT project to develop a Coordinated Salmon Science Plan. The purpose of the plan is to integrate and prioritize salmon science activities in the Delta region to support decision-making related to conservation and management</p>
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	<p>actions. Metropolitan staff participated in interviews with the consultant to provide input on key scientific uncertainties and high priority science activities for salmon.</p> <p><u>Delta Flood Emergency Management Plan</u></p> <p>The November update of the DWR/U.S. Army Corps of Engineers (USACE) Delta Emergency Operations Integration Plan (Plan) has been completed, reflecting personnel and resources integration and alignment from DWR and USACE during Delta flood fight emergencies. The Plan includes input from review of operational guidelines and after-action reports of field exercises, and it creates an effective multi-agency response to large-scale emergencies by integrating organizational structures, responsibilities and communications. The emphasis of the Plan is field response operations, a key component of the broader preparedness, response and recovery actions of the October 2018 Delta Flood Emergency Management Plan. A flood operation center coordinates activities of federal, state, and local agencies during flood emergencies. The Plan will be updated annually as needed, and because of its comprehensive nature, is applicable statewide.</p>
<p>South Orange County Projects</p>	<p><u>Doheny Desal Project</u></p> <p>Please see Engineering below.</p> <p><u>SMWD Trampas Canyon Recycled Water Reservoir</u></p> <p>Trampas Canyon Reservoir and Dam (Trampas Reservoir) is a seasonal recycled water storage reservoir, with a total capacity of 5,000 AF, of which 2,500 AF is available to meet Santa Margarita Water District's projected base recycled water demands, and 2,500 AF to meet future water supply needs. When completed, the Trampas Reservoir will allow SMWD to store recycled water in the winter and draw on that water during the peak summer months.</p> <p>The construction of the Trampas Canyon Recycled Water Seasonal Storage Reservoir consists of three main components:</p> <ol style="list-style-type: none"> 1. Trampas Canyon Dam (Dam) 2. Conveyance facilities to transport recycled water into and out of the Reservoir (Pipelines) 3. Trampas Canyon Pump Station (Pump Station) <p>The construction of the facilities is being completed in three phases:</p> <ol style="list-style-type: none"> 1. Preconstruction/Site Preparation for the Dam and Pump Station Construction <ol style="list-style-type: none"> a. Project Status - Complete 2. Dam and Pipelines <ol style="list-style-type: none"> a. Project Status - The Construction Contract was awarded in December 2017 and is approximately 68% complete. 3. Pump Station <ol style="list-style-type: none"> a. Project Status - The pump station construction contract was award to Kingmen Construction on November 22, 2019 for \$3.356 million. Substantial completion of the pump station is anticipated in July 2020.

	<p><u>Local Water Supply Integration Workshop</u></p> <p>See Engineering below.</p> <p><u>San Juan Watershed Project</u></p> <p>See Engineering below.</p> <p><u>South Orange County Emergency Service Program</u></p> <p>See Engineering below.</p> <p><u>Strand Ranch Project</u> (No New Information)</p> <p>See Engineering below.</p> <p><u>Other Information on South County Projects</u></p> <p>If any agencies would like to have updates included herein on any projects within your service area, please email the updates to Karl Seckel at kseckel@mwdoc.com</p>
<h2>ENGINEERING & PLANNING</h2>	
<p>Doheny Ocean Desalination Project</p>	<p>On June 27, 2019 the SCWD Board certified the Final Environmental Impact Report (FEIR) for the Phase I Local Doheny Ocean Desalination Project, which would produce up to 5 million gallons per day (MGD) of new, drinking water supplies for the area. SCWD subsequently filed its Notice of Determination and is beginning the permitting process with various permitting agencies.</p> <p>On July 11, 2019 SCWD's Board adopted a resolution pursuing a second year (round) of the USBR WaterSMART Desalination Construction Program grant funding. SCWD is eligible to receive a cumulative total of \$20 million for the Project from USBR. Approximately two to six awards are expected to be made by USBR with up to \$12 million available in this round. The recipient must provide at least 75% of the total project costs. Reclamation has recently indicated that an initial \$8.3M is still with Congress and will be part of a Federal budget approval. SCWD efforts have been successful and AB 1752 was signed into law on October 3, 2019, clearing the way for a DBO award using SRF funding.</p> <p>On October 23, 2019 the US EPA invited SCWD to submit a loan application for a Water Infrastructure Finance and Innovation Act (WIFIA) low interest loan in the amount of \$60 million for the Doheny Ocean Desalination Project.</p> <p>On October 30, 2019, SCWD held a workshop on a Peer Review Cost Estimate for the Doheny Desal Project. Rich Svindland, of California American Water (CalAm), who helped develop the 6.4 MGD Monterey Ocean Desal Project using slant well technology, completed a peer review cost estimate for the Doheny Ocean Desal Project. A workshop was held on October 30, 2019 to present the Peer Review by CalAm based on their experience in developing and <u>bidding</u> a project in Monterey</p>

<p>Doheny Ocean Desalination Project - continued</p>	<p>(that plant has not been constructed due to permitting and legal issues). The CalAm presentation and review of the previous Doheny Desal cost estimate by GHD indicated some differences in capital and operating costs, including a higher level of staffing for the plant as suggested by CalAm. Overall, the cost differences resulted in estimated increased costs:</p> <ul style="list-style-type: none"> • Capital costs were estimated at 5.4% higher • O&M costs were estimated at 15.8% higher • Overall, the unit cost of water increased from \$1556 per AF to \$1805 per AF, an increase of \$249 per AF, an overall increase of about 16.0% <p>On November 14, South Coast WD held a workshop on the risks of slant well technology. Geoscience Support Services provided the bulk of the technical information on the use of vertical wells compared to slantwells. The main problems with vertical wells in a small basin such as the coastal portion of the San Juan Groundwater basin are:</p> <ul style="list-style-type: none"> • The potential for well screen blockage due to minerals and biofouling because the well screens do not stay submerged in water 100% of the time compared to slantwells. • Lost water production due to declining groundwater levels. • Potential interference from other nearby wells. • Lower production due to aquifer thickness. <p>The main disadvantage of slantwells is:</p> <ul style="list-style-type: none"> • The cost of maintenance is high because the rigs to pull and replace pumps is on a slant. • The unknown regarding the concentrated iron and manganese laden water found during the pilot testing. <p>Overall, the Geoscience report recommended slantwells for this type of application. Not all in attendance concurred, as SMWD General Manager Dan Ferons suggested additional groundwater basin exploration with respect to the bedrock high transmissivity, getting a third independent hydrogeological opinion on the best approach for the lower basin coastal area, and potentially installing one vertical well and one slantwell for test purposes.</p> <p>Possibly the biggest issue discussed at the meeting was the apparent South Coast WD Board opinion that 5 mgd was too much capacity for South Coast WD needs and without other partners, they may consider a plant size as small as 2.5 mgd <u>without</u> any oversizing to protect the potential for an ultimate 15 mgd project. The use of excess recycled supplies potentially to be blended with ocean supplies was also discussed with the Latham wastewater plant in near proximity to the Doheny Desal Project.</p> <p><u>Next Steps by South Coast WD:</u></p> <ol style="list-style-type: none"> 1. Look for partners 2. Project Delivery – SCWD has begun working with Hawkins Delafield and Wood, and GHD on development of several documents for a DBO contract
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	<p>including: Request for Statement of Qualifications (SOQ) for potential bidders, contract documents, and an RFP package.</p> <p>3. High Level Schedule (has slipped a bit due to the Regional Board schedule)</p> <table> <tr> <td>a. Environmental permitting</td><td>Late Summer 2020</td></tr> <tr> <td>b. DBOM Contract Develop</td><td>Early 2020</td></tr> <tr> <td>c. DBOM Contract Award</td><td>Early 2021</td></tr> <tr> <td>d. Construction</td><td>Early 2023</td></tr> </table>	a. Environmental permitting	Late Summer 2020	b. DBOM Contract Develop	Early 2020	c. DBOM Contract Award	Early 2021	d. Construction	Early 2023
a. Environmental permitting	Late Summer 2020								
b. DBOM Contract Develop	Early 2020								
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MET 2019-20 Shutdown Schedule	<p>MWDOC staff have held many meetings with MET and MWDOC member agencies since July 2019 to review the MET 2019-2020 Shutdown Schedule. One of the proposed shutdowns involves the complete shutdown of the Diemer Water Treatment Plant. MET will be completing four projects during the shutdown to add metering, convert the ozonation system cooling water from raw water to treated water, inspect the Diemer bypass pipeline, and eliminate a weir notch to increase the clearwell water storage from a restricted 18 MG capacity to its full 30 MG capacity.</p> <p>MWDOC staff have worked with potentially affected agencies and MET to determine what options are available to accommodate a Diemer shutdown given the State Water Board's intention to reduce PFOA & PFOS (collectively referred to as PFAS) Response Level (RL) triggers, which have the potential of taking as many as 100 wells in OC out of service. Some agencies have already taken wells out of service if they already had levels of PFOA and PFOS above the existing Notification Level (NL). If the response levels are not changed in January, the groundwater agencies potentially impacted by PFAS can accommodate the planned January 2020 7-day shutdown.</p> <p>MWDOC is continuing to work with EOCWD to secure a back-up supply of water that can be accessed if the amount of water they have in storage begins to run low during the 7-day shutdown. This is not anticipated, but in an abundance of caution, a pumped emergency interconnection is being secured.</p> <p>MET also has a West Orange County Feeder shutdown to replace a number of service connection valves that are past their useful life, and a shutdown to work on a specific Anaheim service connection (A-6) to replace valves and a leaking venturi meter. SCWD had planned a shutdown of the Joint Transmission pipeline in December that could have carried over into early January, thus conflicting with the Diemer Shutdown. Buena Park has several wells out of service for maintenance/repairs which has the potential to conflict with the West Orange County Feeder shutdown.</p> <p>Most recently a December 4, 2019 conference call with staff from MWDOC, MET, and Golden State WC was held to review the recent October 2019 PCCP inspection shutdown findings for the 2nd Lower Feeder. The inspection revealed additional wire breaks in a section of pipe with no previous record of wire breaks. MET is currently accelerating the replacement of this section of the 2nd Lower Feeder immediately west of El Dorado High School on Brookhaven Ave., which may be down between 4 weeks to 5 months depending upon how much pipe is replaced. This work is currently in design and more details will be forthcoming.</p> <p>All of the items noted above have made this one of the most, if not the most, difficult years ever for the coordination of shutdowns between MET and our agencies.</p> <p>As of December 22nd, it appears that all issues of conflict have been resolved and that the current proposed dates for shutdowns are:</p> <p>(1) Diemer Plant shutdown will be January 21-27, 2020</p>								

	<p>(2) The entire West Orange County Feeder shutdown February 9 – 16, 2020, with the east-west portion coming back online Feb 12 and the north-south portion coming back online Feb 17</p> <p>MET has also indicated they would like to hold a second Diemer shutdown in March (assuming the PFAS Response Levels have not been adopted) to complete their work. This may be the last time MET will be able to shut down the Diemer Plant for the next 4 to 5 years depending on how fast PFAS treatment can be brought on-line.</p> <p>With respect to the PFOA & PFOS Response Level adoption by the SWRCB, both CalEPA and DDW recently (December 19) stated a willingness to consider delaying an announcement of new Response Levels until immediately after the planned MET Diemer Plant shutdown currently scheduled for the last week in January 2020, but no further. This is good news, but may eliminate the ability for a second Diemer shutdown in March 2020. This announcement delay would be a change from DDW's intent to lower the Response Levels the week of January 6th.</p> <p>OCWD has been very responsive in supporting MWDOC and MET during their discussions with the regulatory organizations in attempting to get a delay to accommodate the shutdowns. OCWD has indicated the following:</p> <ul style="list-style-type: none"> • With an awareness of the alternatives OCWD has presented to them, DDW intends to follow OEHHA's standing recommendations in setting the Response Level, which would lead to RLs of 10 ppt for PFOA and 40 ppt for PFOS. • Shortly after setting the new RLs, DDW plans to essentially re-issue the statewide testing orders to water systems with PFAS detections via a single general order under the authority provided by AB 756. The results of testing under these new orders would be subject to the AB 756 requirements (AB 756 establishes requirements for public agencies to notify their customers regarding the presence of PFAS in water sources). • Additional drinking water well testing orders are likely to follow later in 2020
SMWD Rubber Dams Project (San Juan Watershed Project)	<p>Santa Margarita WD continues to focus on diversifying its water supply portfolio for south Orange County residents, businesses, schools, and visitors. On June 21, 2019, the San Juan Watershed Environmental Impact Report (EIR) was approved. The original project had three Phases; Phase 1 was three rubber dams recovering about 700 AFY; Phase 2 added up to 8 more rubber dams with the introduction of recycled water into the creek to improve replenishment of the basin for up to 6,120 AFY, and Phase 3 added more recycled water topping out at approximately 9,480 AFY. Under this arrangement, most or all of the production and treatment involved the existing San Juan Groundwater Desalter with expansions scheduled along the way to increase production over 5 mgd. Fish passage and regulatory hurdles to satisfy subsurface travel time requirements are presenting some difficulties.</p> <p>SMWD is working with the Ranch on the next phase of development within SMWD and have access to riparian groundwater from the Ranch. Furthermore, they have discovered that the local geology has high vertical percolation rates and sufficient groundwater basin travel time to potentially allow percolation of treated recycled water. SMWD is of opinion that groundwater production and treatment of the groundwater can be initiated in a relatively short time-frame while permitting for percolation augmentation using recycled water from the nearby Trampas reservoir can be added as permitting allows. They believe the new project area may be able to ultimately produce 4,000 to 5,000 AF per year; they believe the original project will</p>

	continue to be developed for production out of the wells and treatment provided by San Juan Capistrano as the two agencies merge. Ultimate production out of the basin could exceed 10,000 AF per year if all goes well.
MWDOC Workshop with SOC Agencies on Nov 6	<p>MWDOC held a workshop with the SOC Agencies to focus on extension/expansion of the existing South Orange County Emergency Service Program with IRWD and to discuss emergency needs and additional options for emergency water or base-loaded projects for South OC, and to discuss the implications of integrating new local water supply sources into the regional distribution system. The following projects were discussed:</p> <ul style="list-style-type: none"> • Emergency Services Program Extension/Expansion with IRWD • Groundwater from OCWD and/or other OC Basin Producers • Pump-in to the EOCF#2 • PFAS and Water Quality expectations • Doheny Desal • Poseidon Desal • San Juan Basin IPR • Irvine Lake Storage • Strand Ranch • Peters Canyon Treatment Plant • Oceanus/Camp Pendleton • Reliance on MET • Black & Veatch and Hazen Sawyer provided input on the need for various water quality investigations prior to bringing new supply projects into operations. Black & Veatch also discussed the work they are conducting for MWDOC on development of a hydraulic model of the regional water system in Orange County as a tool to assist future evaluation of operational strategies. <p>There appears to be support from the SOC agencies for such a model that could be accessed by any project proponent.</p> <p>Staff is in the process of distilling information from the meeting and will be bringing back a report to a future P&O meeting.</p>
South Orange County Emergency Service Program	<p>MWDOC, IRWD, and Dudek have completed the initial draft study to determine if the existing IRWD South Orange County Interconnection capacity for providing emergency water to South Orange County can be expanded and/or extended beyond its current time horizon of 2030.</p> <p>Based on the South OC meeting held on April 11, 2019, a spin-off meeting was held with MWDOC, Dudek and operations staff from MNWD and South Coast WD. The purpose was to involve the operators to determine the flexibility of the SOC agencies to deal with variable flows coming from IRWD as outlined in the study. The flows from IRWD to SOC are dependent on the internal demands within IRWD and so will vary from hour to hour and day to day. The discussions indicated that the SOC agencies have considerable flexibility to deal with this situation. The operations group also had several alternatives they thought should be researched by Dudek and MWDOC. Follow-up on these options have been pursued.</p> <p>Dudek participated in the November 6 workshop to re-engage with the SOC agencies on this project. Support from the agencies was expressed to take a small next step to install Variable Frequency Drives at a pump station within IRWD which would be</p>

	paid for by SOC to help move water from the IRWD system to SOC in an emergency. The Variable Frequency Drives will provide more flexibility to the IRWD operations staff to allow additional water to be sent to SOC while meeting all of the IRWD needs.
Strand Ranch Project	Staff from MWDOC and IRWD met to discuss how to capture the benefits that can be provided by the development of “extraordinary supplies” from the Strand Ranch Project. The meeting was beneficial in understanding each other’s positions relative to emergency use and drought protection. Additional work is required based on the exchange of information and another meeting will be set.
Poseidon Resources Huntington Beach Ocean Desalination Project	<p>The Santa Ana Regional Water Quality Control Board (SARWQCB) continues to work with Poseidon on renewal of the National Pollutant Discharge Elimination System (NPDES) Permit for the proposed HB Desalination Project.</p> <p>At the December 6, 2019 SARWQCB meeting in Huntington Beach, Regional Board staff conducted a workshop on the renewal of the NPDES permit for the proposed desalination facility. Along with the NPDES permit renewal, the facility requires a California Water Code section 13142.5(b) determination in accordance with the State’s Ocean Plan (a.k.a. the Desalination Amendment). The workshop reviewed the proposed facility, the draft renewal of the NPDES permit, and the associated draft Water Code section determination. To make a determination consistent with the Desalination Amendment the Regional Board is required to analyze the project using a two-step process:</p> <ol style="list-style-type: none"> 1. Analyze separately as independent consideration a range of feasible alternatives for the best available: <ol style="list-style-type: none"> a. Site b. Design c. Technology d. Mitigation Measures <p>to minimize intake and mortality of all forms of marine life.</p> <ol style="list-style-type: none"> 2. Then consider all four factors collectively and determine the best combination of feasible alternatives. <p>Regional Board staff reviewed hundreds of documents and input from both an independent reviewer and a neutral 3rd party reviewer to develop the tentative Order and proposed Water Code section 13142.5(b) determination.</p> <p>The key areas required by the Ocean Plan on which the Santa Ana Water Board is required to make a determination, includes:</p> <ul style="list-style-type: none"> • Facility onshore location; • Intake considerations including subsurface and surface intake systems; • Identified need for the desalinated water; • Concentrated brine discharge considerations; • Calculation of the marine life impacts; and • Determination of the best feasible mitigation project available. <p>In evaluating the proposed project, Santa Ana Regional Board staff interpreted “the identified need for the desalinated water” as whether or not the project is included in</p>

Poseidon Resources Huntington Beach Ocean Desalination Project - continued	<p>local area water planning documents, rather than a reliability need as analyzed in the OC Water Reliability Study. The Regional Board staff referenced several water planning documents; Municipal Water District of Orange County's (MWDOC) 2015 Urban Water Management Plan (UWMP), the OC Water Reliability Study, OCWD's Long Term Facilities Plan, and other OCWD planning documents in their evaluation of Identified Need.</p> <p>The workshop was heavily attended. There were a considerable range of views expressed at the meeting. Several of the SARWQCB members were somewhat confused about the evaluation of Identified Need for the project (inclusion in local water planning documents vs. an identified reliability need for the project) and requested staff to help them understand the issue better.</p> <p>The Regional Board schedule for the permit is:</p> <p>Final Permit Anticipated issuance at the April 3, 2020 meeting</p> <p>Assuming success, Poseidon would then seek its final permits from the California Coastal Commission (CCC). The CCC has committed to reviewing the permit within 90 days of the SARWQCB NPDES permit issuance (CCC permit issuance estimated to be Summer 2020).</p>
Benefits of Additional Surface Storage in Southern California	<p>CDM Smith and staff are working on a technical memo that is a spin-off from the 2018 Orange County Water Reliability Study (2018 OC Study). The work will evaluate a conceptualized new MET surface reservoir in terms of overall ability to provide additional supply yield under a number of scenarios. The modeling from the 2018 OC Study will be used to evaluate the use of new storage, the potential yield and the costs of the yield from the reservoir. A full staff report is included in the P&O Committee for Dec 2.</p>
<h2>EMERGENCY PREPAREDNESS</h2>	
Hazard Mitigation Planning	<p>WEROC is completing follow-up with the 19 member agencies who participated in the 2018 update of the Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan. Once all agencies have adopted the plans, MWDOC needs to compile and bind all approval resolutions into an appendix and send it to FEMA. That is the last step for this version of the Hazard Mitigation Plan that is updated every five years.</p>
America's Water Infrastructure Act (AWIA)	<p>Ongoing: WEROC launched an effort to facilitate a joint RFP and contract with participating WEROC member agencies to address the new requirements of America's Water Infrastructure Act (AWIA). On October 23, 2018, Congress Signed into law The American Water Infrastructure Act (AWIA) (S.3021, Law 115-270). Per section 2013 of title II, the AWIA requires utilities to conduct a Risk and Resilience Assessment (RRA) of their community water systems and develop a corresponding Emergency Response Plan (ERP) by March 31, 2020, for systems serving a population of 100,000 or more.</p> <p>New Actions:</p> <ul style="list-style-type: none"> • 25 Agencies participated in the Phase 1 Compliance Crosswalk • It now appears that 23 agencies will participate in the Phase 2 Risk and Resilience Assessment and Phase 3 Emergency Response Plans.

	<ul style="list-style-type: none"> • All Phase 1 Crosswalks have been developed and provided to agencies. Some discussion and editing are still occurring. The crosswalks remain a draft as agencies work through the Phase 2 and Phase 3 processes. • Workshops with the agencies are two-day events with key staff from each of the agencies to complete the asset and threat characterization. A second two-day workshop will complete the consequence and vulnerability analysis. The combination of these workshops will provide the basis for a completed RRA. The first workshops for completion of the Risk and Resiliency Assessment (RRA) have been completed for all of the larger agencies with a due date of March 2020. The second workshops with the agencies are being completed at this time. Following the second workshops, Herndon will provide drafts of the RRAs and review them with the participating agencies. Work will then begin on the Emergency Response Plans which are due 6 months later.
WEROC Coordination	<p>On Christmas Eve, WEROC activated after being made aware of a National Cyber-attack targeting critical infrastructure and finance/business systems. We notified our WEROC contacts with event specifics immediately. We have learned that two agencies in OC were struck by ransomware known as REvil/Sodinokibi. Next the outreach effort was expanded to our normal contact list for all of our agencies. Staff reached out to coordinate with the FBI's local fusion center known as the Orange County Intelligence Assessment Center (OCIAAC) to provide assistance with the restoration activities.</p> <p>Daniel continues to work with SDG&E on Geospatial Information Systems to coordinate mapping of water and wastewater Infrastructure so there is a clear understanding of what is actually impacted during PSPS events. Additionally, WEROC continues to coordinate with SDG&E to add all critical sites to priority restoration post-PSPS event.</p> <p>Having been certified as a Terrorism Liaison Officer, Daniel continues to review daily intelligence reports in order to better direct WEROC efforts and inform member agencies of threat trends.</p> <p>WEROC has scheduled an ICS-400 (advanced incident command) course for June 30-July 1. ICS-400 is a two-day course designed for emergency response personnel who would function as part of an Area Command, Emergency Operations Center, or Multiagency Coordination System during a large, complex incident or event or those personnel who are or would likely be part of a local or regional Incident Management Team during a major incident, whether single agency, multiagency or Unified Command. This course certification is also needed to ensure National Incident Management System compliance for our yearly reporting which is tied to grant funding.</p>
Coordination with the County of Orange	<p>Ongoing: OC OA Alert and Warning Group meetings have concluded following the release of the operational area agreement to the executive board. This was a 6-month planning effort. Daniel attended the meetings and worked with the County's Control One (Dispatch) to address some of WEROC's concerns. These concerns were associated with emergency notification obligations.</p> <p>Completed: WEROC staff participation in the OA Agreement Revision Working Group. Update: The Draft Revised Agreement developed by the working group has</p>

	<p>been reviewed and approved by the County's Legal Counsel. The OA shared this revised draft with all OC government entities and requested input by October 31st. The input was provided by WEROC and about five other agencies. The OA will develop the final agreement that will need to be approved by all agencies.</p>
PSPS Events	<p>Ongoing: California Public Utilities Commission (PUC) proceedings regarding the Impacts from De-Energization with a Focus on First Responders and Local Government. MWDOC has received party status to these proceedings. Party Status was intended to ensure that we receive all communications regarding the proceedings and that our comments are officially included for consideration. Phase 2 was started and then stopped to give the PUC time to work on PSPS events, particularly with PG&E, before proceeding ahead.</p>
EOC Readiness	<p>Janine Schunk and Daniel participated in the OA and MET radio tests and WebEOC tests. Janine also facilitated the WEROC monthly radio test.</p> <p>Daniel and Janine have installed all the satellite phone cradles and power stations and are currently waiting for the contractor to repair our satellite rooftop antenna. WEROC will be picking up the MWDOC emergency generator to install a solar battery maintainer system within the next month.</p> <p>WEROC has begun registration of MWDOC's emergency operations generator through CARB.</p> <p>Janine coordinated the maintenance of the South EOC (SEOC) and is working to register the new MWDOC alt EOC generator. She has also been working on updates to Safety Center, the COOP, and position binders. WEROC has recently signed a service agreement with the City of Fountain Valley Public Works to service MWDOC's emergency generator.</p>
WATER USE EFFICIENCY	
California Water Efficiency Partnership (CalWEP) Plenary Meeting	<p>On December 11, Rachel Waite attended the CalWEP Plenary meeting in Santa Barbara, CA. Topics on the agenda included:</p> <ul style="list-style-type: none"> • Fire Survivor Garden Installations • CalWep News & Happenings • Alliance for Water Efficiency (AWE) updates • Cooling Towers Project Update • Work of Ecology Action • Landscaper Certification Programs
State Water Resources Control Board Conference Call	<p>On December 13, Joe Berg participated in a conference call hosted by the State Water Resources Control Board. The purpose of the call was to solicit input from large water agencies on the developing water loss standard called for in SB 555. Approximately 10 large agencies were invited to participate in the call. Water Board staff hosted approximately three other conference calls with other stakeholder groups to solicit input from small agencies, medium-size agencies, and consultants specializing in water loss. Specific input was requested for meter accuracy testing, asset management for main line replacement, and pressure management. Water Board staff indicated they plan to host another stakeholder meeting in late January to early February</p>

PUBLIC/GOVERNMENT AFFAIRS	
Member Agency Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Prepared and updated Pressure Regulating Valve (PRV) door hangers and flyers for Mesa Water District • Placed a print order for PRV door hangers and flyers for Mesa Water District service area <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Circulated the draft Water Resiliency Portfolio <p>Hosted a legislative update meeting for MWDOC Member Agencies. Staff from the following agencies attended: Irvine Ranch Water District, Santa Margarita Water District, El Toro Water District, Yorba Linda Water District, Mesa Water District, South Coast Water District, East Orange County Water District and Moulton Niguel Water District</p>
Community Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Coordinated details for the January 11 Girl Scouts Patch Program clinic with El Toro Water District and Girl Scouts of Orange County, and registered participants • Confirmed participation in the 2020 Water Awareness Festival hosted by Santa Margarita Water District • Confirmed participation in the 2020 OC Green Expo event hosted by Anaheim Public Utilities
Education	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Participated in a planning meeting for the Next Generation Science Standards (NGSS) Orange County Rollout • Participated on a panel and at an information booth for the Next Generation Science Standards (NGSS) Statewide Rollout • Coordinated a visit to John S. Malcom Elementary School for the MWDOC K-2 Program • Provided school program survey to Mesa Water • Met with school program contractor Bolsa Chica Conservancy • Created and shared Water Filtration Lesson Plan with Huntington Beach Unified School District • Provided MWDOC's High School Program cost breakdown to the City of Westminster • Provided information regarding MWDOC's High School Program to a Fountain Valley High School teacher • Coordinated school program observation to El Toro High School with El Toro Water District and Bolsa Chica Conservancy • Provided MWDOC school program flyers to Moulton Niguel Water District for promotional use • Provided information, resources, and materials regarding MWDOC school program to Fullerton school district specialist • Provided information regarding MWDOC High School Program to South Coast Water District
Education - continued	

	<ul style="list-style-type: none"> • Provided FY 18/19 school program data to City of Anaheim • Met with school program contractor Discovery Cube Orange County • Attended the Quarter 4 California Environmental Literacy Leadership Council meeting • Met with Inside the Outdoors (ITO) and State Education and Environment Roundtable to begin redesigning school program goals and objectives to support environmental literacy • Prepared a letter of support for the Orange County Department of Education for the Environmental Education Local Grant Program for Region 9 • Participated on a conference call with Bay in Balance to discuss their education program • Prepared a support form for National Water Resources Institute participation in the 2020 Children's Water Festival through Metropolitan Water District of Southern California's Community Partnering Program • Completed flyer for the 2020 MWDOC Water Awareness Poster Contest and sent to Orange County school districts, teachers, MWDOC school program contractors, special education groups, Girl Scouts, and Boy Scouts
Media Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Developed and published December eCurrents newsletter • Prepared and distributed a news release announcing new MWDOC Board President
Special Projects	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Initiated preparations and logistics for the February 12th Water Policy Forum and Dinner • Continue to secure speakers and sponsors for the OC Water Summit • Collaborated with strategic digital communications consultants to perform Audit of Social Media for 2019 • Prepared recognitions for several retirements • Updated letterhead and business cards for new Board positions • Participated in OC Water Summit Committee Meeting • Participated in Mandatory Staff Training – Harassment, Civility, and District Policies • Debriefed with Marion MacKenzie Pyle on the <i>Maximize Your Yes: The Art and Craft of Persuasive Speaking</i> workshop provided to Public Affairs Workgroup meeting participants • Prepared and presented a 2019 Public Affairs Year in Review for the Board • Worked with website developer LA Design Studios to correct a glitch in the content management system for the 2020 New Year date rollover • Prepared and approved social media content • Completed the Public Relations Society Crisis Communications Certification Program • Met with the City of Westminster, the Wyland Foundation, and the Saddleback College design team to review the final Pocket Park design for Westminster City Council and City Planning approval <p>Governmental Affairs Staff:</p>

	<ul style="list-style-type: none">• Staffed the WACO Planning Committee meeting• Sent out the invitation for the ISDOC Quarterly Luncheon on 1/30/2020• Coordinated with staff at the OC ROV to speak at the ISDOC Quarterly Luncheon• Staffed the ISDOC Executive Committee Meeting• Solicited multiple request for quotes for hotel meeting space
Legislative Affairs	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none">• Attended the Colorado River Board of California meeting• Attended the Colorado River Water Users Association Annual Conference• Reserved The Palm D.C. for the MWDOC hosted dinner with our member agencies on 2/26/2020• Attended a meeting at the Office of Assemblyman Tyler Diep with Director McVicker• Filled out and submitted the logistics questionnaire for the use of the room at the Capitol Visitor Center for the D.C. luncheon on 2/26/2020• Updated the D.C. luncheon invite• Participated, with Melissa Baum-Haley, in CMUA's "Constituents of Emerging Concern" Workgroup to discuss the MWD proposal language• Circulated MWD's coalition letter on AB 533 (Holden) – Income Tax Exclusion for WUE Rebates – for additional signatories

INFORMATION CALENDAR

**MWDOC GENERAL INFORMATION
ITEMS**

MWDOC BOARD OF DIRECTORS

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