

REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
January 17, 2018, 8:30 a.m.

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**AGENDA**

**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

**PUBLIC COMMENTS/PARTICIPATION**

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

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

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

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

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

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

**EMPLOYEE SERVICE AWARDS**

**NEXT RESOLUTION NO. 2062**

**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 6, 2017 Workshop Board Meeting
- b. December 20, 2017 Regular Board Meeting

*Recommendation: Approve as presented.*

**2. COMMITTEE MEETING REPORTS**

- a. Planning & Operations Committee Meeting: December 4, 2017
- b. Administration & Finance Committee Meeting: December 13, 2017

- c. Public Affairs & Legislation Committee: December 18, 2017
- d. Executive Committee Meeting: December 21, 2017

*Recommendation: Receive and file as presented.*

**3. TREASURER'S REPORTS**

- a. MWDOC Revenue/Cash Receipt Register as of December 31, 2017
- 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, 2017
- 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, 2017

*Recommendation: Receive and file as presented.*

**5. ACWA DC CONFERENCE – FEBRUARY 27- MARCH 1, 2018**

*Recommendation: Approve an additional attendee (Board) to the ACWA DC Conference.*

**– End Consent Calendar –**

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

**6. GENERAL MANAGER'S REPORT, JANUARY 2018 (ORAL AND WRITTEN)**

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

**7. MWDOC GENERAL INFORMATION ITEMS**

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

*Recommendation: Receive and file as presented.*

## **ADJOURNMENT**

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

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

December 6, 2017

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

**MWDOC DIRECTORS**

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

**MWDOC STAFF**

Robert Hunter, General Manager  
Karl Seckel, Assistant General Manager  
Joe Byrne, Legal Counsel  
Maribeth Goldsby, Board Secretary  
Harvey De La Torre, Associate General Mgr.  
Melissa Baum-Haley, Sr. Water Resource Analyst  
Kevin Hostert, Water Resources Analyst  
Charles Busslinger, Principal Engineer  
Damon Micalizzi, Dir. Of Public Affairs  
Chris Lingad, Water Resources Analyst  
Rachel Waite, Water Use Eff. Analyst  
Beth Fahl, WUE Program Specialist  
Matthew Conway, Water Use Eff. Coordinator

\*Also MWDOC MET Directors

**OTHER MWDOC MET DIRECTORS**

Larry McKenney  
Linda Ackerman

**OTHERS PRESENT**

Brandon Goshi  
Alice Webb-Cole  
Mark Monin  
Jose Vergara  
Mike Dunbar  
Ken Vecchiarelli  
Doug Reinhart  
Peer Swan  
Paul Weghorst  
Fiona Sanchez  
Jim Atkinson  
John Kennedy  
Chuck Gibson  
Charley Wilson  
Jim Leach  
Brooke Jones  
Al Nederhood  
Marc Marcantonio  
Ed Means

Metropolitan Water District of Southern Cal.  
Metropolitan Water District of Southern Cal.  
El Toro Water District  
El Toro Water District  
Emerald Bay Service District  
Golden State Water Company  
Irvine Ranch Water District  
Irvine Ranch Water District  
Irvine Ranch Water District  
Irvine Ranch Water District  
Irvine Ranch Water District  
Mesa Water  
Orange County Water District  
Santa Margarita Water District  
Santa Margarita Water District  
Santa Margarita Water District  
Yorba Linda Water District  
Yorba Linda Water District  
Yorba Linda Water District  
Means Consulting

Stephanie Pacheco  
Liz Mendelson-Goossens

San Diego County Water Authority

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

No items were presented.

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

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

No items were distributed.

**PUBLIC PARTICIPATION/PUBLIC COMMENTS**

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

Santa Margarita Water District Director Chuck Gibson referenced the Legislative Policy Statement related to Water Conservation and Efficiency that he presented at the Elected Officials Forum in November. It was noted that the Public Affairs & Legislation Committee reviewed the document as part of the annual Policy Principles update, noting that the general sentiment of Mr. Gibson's Legislative Policy Statement could be found within MWDOC's proposed Policy Principles (which were scheduled for Board approval at the December Board meeting). Following discussion on this matter it was suggested this item return to the December 18, 2017 Public Affairs & Legislation Committee for further discussion.

**PRESENTATION/DISCUSSION/INFORMATION ITEMS**

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

Director Ackerman provided an update on her MET activities, noting that there has been emphasis on seismic conditions, the CA WaterFix, Sites Reservoir (the draft EIR has been released), the Colorado River and Lake Mead levels, and the status of quagga mussels.

Director Barbre highlighted the Finance & Insurance Committee activities noting that the two-year budget process will begin in January. He also provided an update on MET's legislative activities in Washington, DC.

Director McKenney advised that the CA WaterFix continues to be a main topic of discussion.

Director Dick highlighted MET activities with respect to the Carson Plant (recycled water), the promotions of Deven Upadhyay and Shane Chapman, the Solar Cup event, Colorado River water storage, and the potential property transaction in Beaumont.

## **PRESENTATION REGARDING METROPOLITAN'S WATER USE EFFICIENCY & INTEGRATED SOURCES PLAN (IRP) TARGETS**

Mr. Brandon Goshi (MET staff) presented an overview of MET's efforts and goals with respect to the IRP (adapt to changing conditions facing Southern California and seek a diverse portfolio of supply resources to improve regional supply reliability), the role of conservation, and an overview of the 2015 IRP update targets, including the GPCD (gallons per capita per day) history and projections.

Ms. Alice Webb Cole (MET staff) provided an overview of the history and evolution of MET's Water Use Efficiency (WUE) Program to date, as well as an overview of drought activity. Discussion ensued regarding the GPCD projections, and potential modifications to MET's WUE program, with Ms. Webb Cole advising that she anticipates recommended modifications to the program will be presented to the MET Board in spring 2018.

The Board thanked both Mr. Goshi and Ms. Webb Cole for their presentations and received and filed his report.

## **WATER SUPPLY CONDITIONS**

President Osborne advised that the water supply report was included in the packet. No questions arose and the Board received and filed the report.

## **MWD ITEMS CRITICAL TO ORANGE COUNTY**

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

The Board received and filed the information as presented.

## **METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS**

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

No new information was presented; the information was received and filed.

## **CLOSED SESSION**

At 10:26 a.m., Legal Counsel Byrne advised that pursuant to Government Code Section 54956.9(2)(d) the Board would adjourn to closed session for a conference with legal counsel regarding anticipated litigation (one case).

(President Osborne departed the closed session at 11:05 a.m.)

**RECONVENE**

The Board reconvened at 11:16 a.m., and Legal Counsel Byrne advised that no reportable action was taken in closed session.

**ADJOURNMENT**

There being no further business to come before the Board, the meeting adjourned at 11:16 a.m.

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Maribeth Goldsby  
Board Secretary

**MINUTES OF THE REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
December 20, 2017**

At 8:30 a.m., President Osborne 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 Sat Tamaribuchi led the Pledge of Allegiance and Secretary Goldsby called the roll.

**MWDOC DIRECTORS**

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

**STAFF**

Robert Hunter, General Manager  
Karl Seckel, Assistant General Manager  
Joe Byrne, Legal Counsel  
Maribeth Goldsby, Board Secretary  
Harvey De La Torre, Associate General Manager  
Chris Lingad, Water Resources Analyst  
Melissa Baum-Haley, Sr. Water Resources Analyst  
Tiffany Baca, Public Affairs Supervisor  
Francisco Soto, WEROC Emerg. Prog. Coordinator  
Kevin Hostert, Water Resources Analyst

**ALSO PRESENT**

Larry McKenney  
Linda Ackerman  
Jose Vergara  
Paul Weghorst  
Adam Hutchinson  
Dennis Erdman  
Brooke Jones

MWDOC/MET Director  
MWDOC/MET Director  
El Toro Water District  
Irvine Ranch Water District  
Orange County Water District  
South Coast Water District  
Yorba Linda Water District

**PUBLIC PARTICIPATION/PUBLIC COMMENT**

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

No items were distributed.



**CONSENT CALENDAR**

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

**MINUTES**

The following minutes were approved.

- November 1, 2017 Workshop Board Meeting
- November 2, 2017 Special Board Meeting
- November 4, 2017 Special Board Meeting
- November 15, 2017 Regular Board Meeting

**COMMITTEE MEETING REPORTS**

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

- Planning & Operations Committee Meeting: November 6, 2017
- Administration & Finance Committee Meeting: November 8, 2017
- Public Affairs & Legislation Committee Meeting: November 20, 2017
- Executive Committee Meeting: November 16, 2017

**TREASURER'S REPORTS**

The following items were ratified and approved as presented.

- MWDOC Revenue/Cash Receipt Register as of November 30, 2017
- 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, 2017

- PARS Monthly Statement (OPEB Trust)

- Water Use Efficiency Projects Cash Flow

## **FINANCIAL REPORT**

The following items were received and filed as presented.

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

## **TRAVEL TO WASHINGTON, DC TO COVER FEDERAL INITIATIVES**

The Board received and filed the report.

## **TRAVEL TO SACRAMENTO TO COVER STATE INITIATIVES**

The Board received and filed the report.

## **OPTIONS FOR FUNDING CALPERS UNFUNDED LIABILITY**

The Board authorized establishing a Pension Rate Stabilization Program (PRSP) with PARS, moving the OPEB Reserve balance to the PRSP and authorized the 10-year payment plan to accelerate MWDOC's funding. (The target is to be 90% funded (both accounts combined) with the minimum at 85% and the maximum at 95%).

## **END CONSENT CALENDAR**

## **ACTION CALENDAR**

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

President Osborne advised that it was time for the Board to elect a new President and Vice President.

Director Thomas made a MOTION, which was seconded by Director Osborne nominating Brett R. Barbre as President, and Joan C. Finnegan as Vice President.

Director Dick commented that although he supports both Director Barbre's and Director Finnegan's candidacy as President and Vice President, he suggested the Executive Committee discuss a process for the Board to use for these elections, ensuring that each Board member gets an opportunity to serve in these positions.

Director Yoo Schneider then made a SUBSTITUTE MOTION nominating Brett R. Barbre as President, and Sat Tamaribuchi as Vice President. Said SUBSTITUTE MOTION failed for lack of a second.

Upon the original MOTION by Director Thomas, seconded by Director Osborne, and carried (7-0), the Board adopted RESOLUTION NO. 2060, electing Brett R. Barbre as President, and Joan C. Finnegan as Vice President for 2018, by the following roll call vote:

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

President Barbre assumed the Chair position, noting that the Executive Committee would discuss a process for a balanced approach for the annual elections for President and Vice President.

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

President Barbre 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 Thomas, and carried (7-0), the Board adopted RESOLUTION NO. 2061 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, Osborne, Yoo Schneider, Tamaribuchi & Thomas  
NOES: None  
ABSENT: None  
ABSTAIN: None.

### **MWDOC LEGISLATIVE POLICY PRINCIPLES ANNUAL UPDATE**

Upon MOTION by Director Tamaribuchi, seconded by Director Yoo Schneider, and carried (7-0), the Board adopted the Legislative Policy Principles as amended. Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

### **MWDOC.COM PRIVACY POLICY**

Upon MOTION by Director Dick, seconded by Director Yoo Schneider, and carried (7-0), the Board adopted the Privacy Policy for Municipal Water District of Orange County website. Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

### **EXTENSION OF LOCAL ADVOCACY CONTRACT WITH LEWIS CONSULTING GROUP**

Upon MOTION by Director Dick, seconded by Director Finnegan, and carried (7-0), the Board extended the local advocacy contract with Lewis and Associates for 2018. Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

**EXTENSION OF FEDERAL LEGISLATIVE ADVOCACY CONTRACT WITH JAMES C. BARKER, PC**

Upon MOTION by Director Osborne, seconded by Director Finnegan, and carried (7-0), the Board extended the federal advocacy contract with James C. Barker, PC for 2018. Directors Barbre, Dick, Finnegan, Osborne, Yoo Schneider, Tamaribuchi and Thomas voted in favor.

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

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

**INFORMATION CALENDAR****GENERAL MANAGER'S REPORT, DECEMBER 2017**

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

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 reported on her attendance at the following meetings: the Planning & Operations, Administration & Finance, and Public Affairs & Legislation Committee meetings, the Workshop Board and Regular Board meetings, a meeting with Director Thomas, a meeting with General Manager Hunter, a meeting with Laguna Beach County Water District, and a meeting with Karl Seckel.

Director Thomas advised that he attended the ACWA Fall Conference, the Planning & Operations, Administration & Finance, and Public Affairs & Legislation Committee meetings, the WACO meeting, the Colorado River Water Users Association conference, the OC Water Summit planning meeting(s), a meeting with Director Yoo Schneider, and the Workshop Board meeting. Director Thomas thanked Director Osborne for his two-year service as President and wished everyone a Merry Christmas.

Director Tamaribuchi noted his attendance at the Planning & Operations, Administration & Finance, Public Affairs & Legislation, and Executive Committee meetings, the Workshop and Regular Board meetings, the CCEEB meeting, the South Orange County Economic Coalition meeting, the ACWA Fall Conference, the WACO meeting, a meeting with Lucy Dunn (OCBC),

and a meeting with Joe Grindstaff (outgoing General Manager) and Halla Razak (new General Manager) of Inland Empire Utilities Agency.

Director Osborne noted his attendance at the Planning & Operations, Administration & Finance, Public Affairs & Legislation, Executive, and MWDOC/OCWD Joint Planning Committee meetings, the ISDOC luncheon, the Elected Officials Forum, and the Special Board meeting to conduct the General Manager's performance evaluation.

Director Dick reported he attended the following meetings: the Planning & Operations, Administration & Finance, Public Affairs & Legislation, and Executive Committee meetings, a meeting with Dennis Calvert (Biolargo), a meeting with Frank Mickadeit, the Villa Park City Council meeting, the Ad Hoc Committee on Desalination meetings (two), the ISDOC Executive Committee meeting, the Board meeting, the MET Caucus meeting, the Garden Grove Chamber of Commerce meeting, the MET Board and Committee meetings, a meeting with Roger Patterson, and a meeting with Carolyn Schafer (MET).

Director Finnegan noted her attendance at the Planning & Operations, Administration & Finance, and Public Affairs & Legislation Committee meetings, and the ISDOC Executive Committee meeting. She highlighted the upcoming ISDOC luncheon scheduled for January 25, 2018 and encouraged all to attend.

Director Barbre reported on attending the following meetings in his capacity as MWDOC Director: the OC Water Summit planning meeting, the Best, Best & Krieger reception, the Planning & Operations and Administration & Finance Committee meetings, the Workshop Board meeting, the WACO meeting, the Colorado River Water Users Association conference, and the Ad Hoc Committee on Desalination (two). In his capacity as MET Director, Director Barbre attended the following meetings: a meeting with Gary Breaux, the Aleshire & Wynder dinner event, a meeting with Deven Upadhyay, the La Habra City Council meeting, the Yorba Linda City Council meeting, the MWDOC/MET Director Caucus, the Inland Empire MET Caucus, a meeting with Al Mendez regarding inspection trip planning, the MET Board and Committee meetings, the MET reception honoring Commissioner Brenda Burman, and the Placentia City Council meeting.

## **B. REQUESTS FOR FUTURE AGENDA TOPICS**

Director Dick requested a letter be prepared to Director Osborne commending him on his two years of service to the Board as President. Mr. Dick also requested the Executive Committee discuss a process to ensure that the President and Vice President positions are balanced among all Directors.

President Barbre requested the 2018 Committee assignments be agendized for the January 3, 2018 Workshop Board meeting.

## **ADJOURNMENT**

There being no further business to come before the Board, President Barbre adjourned the meeting at 8:49 a.m.

Respectfully submitted,

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Maribeth Goldsby, Secretary

MINUTES OF THE MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PLANNING & OPERATIONS COMMITTEE**  
December 4, 2017 – 8:30 am to 9:40 am  
MWDOC Conference Room 101

**P&O Committee:**

Director Larry Dick (8:35)  
Director Sat Tamaribuchi  
Director Yoo Schneider (8:35)

**Staff:**

Rob Hunter, Karl Seckel, Harvey De La Torre,  
Katie Davanaugh, Chris Lingad,  
Charles Busslinger, Damon Micalizzi,  
Francisco Soto, Kevin Hostert

**Also Present:**

Director Wayne Osborne  
Director Brett Barbre  
Director Jeff Thomas  
Director Joan Finnegan  
Larry McKenney, MWDOC MET Director  
Andy Brunhart, South Coast Water District  
Jose Vergara, El Toro Water District  
Debbie Cook, Orange County resident

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Noting that Directors Yoo Schneider and Dick were running late, Director Tamaribuchi called the meeting to order at 8:30 a.m. with Directors Osborne and Barbre sitting 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.

8:35 a.m. Directors Yoo Schneider and Dick arrived and replaced Directors Barbre and Osborne on the Committee.

**PRESENTATIONS**

**UPDATE BY SOUTH COAST WATER DISTRICT ON THE DOHENY  
DESALINATION PROJECT**

Dr. Andy Brunhart provided a presentation on the Doheny Desalination project, including a review of historical information, site map, slant well, recent work completed from 2015-2017, preliminary design report and CEQA Environmental Impact Report, architectural renderings of the site and plant. Additionally, the report included information on an offshore geophysical survey, slant well locations, power supply analysis, review of reliability and projects considered, project delivery analysis, cost of water estimates and cost of the project. Lastly, Mr. Brunhart reviewed the current status, next steps and project timeline, as well as potential project partners and benefits to the customer.

The Committee and staff thanked Dr. Brunhart for his time and the presentation.

Director Barbre requested that a copy of the presentation be provided to the Board members.

### **INFORMATION ITEMS**

#### **DOHENY OCEAN DESALINATION PROJECT UPDATES**

The staff report was received and filed. Director Yoo Schneider acknowledged the efforts of Mr. Seckel and Mr. Busslinger in preparing the staff report.

#### **STATUS REPORTS**

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

The informational reports were received and filed.

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

No information was presented.

### **ADJOURNMENT**

There being no further business to be brought before the Committee, the meeting adjourned at 9:40 a.m.



**MINUTES OF THE MEETING OF THE BOARD OF DIRECTORS OF  
THE MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
Jointly with the **ADMINISTRATION & FINANCE (A&F) COMMITTEE**  
December 13, 2017 – 8:30 a.m. to 9:25 a.m.  
MWDOC Conference Room 101

**Committee Members:**

Director Jeff Thomas, Chair  
Director Joan Finnegan  
Director Brett Barbre

**Staff:**

Robert Hunter, Hilary Chumpitazi,  
Cathy Harris, Katie Davanaugh

**Also Present:**

Director Wayne Osborne  
Director Larry Dick  
Director Sat Tamaribuchi  
Director Megan Yoo Schneider (via telecom)  
MWDOC MET Director, Larry McKenney  
MWDOC MET Director, Linda Ackerman  
Neely Shahbakhti, El Toro Water District  
Mark Monin, El Toro Water District  
Marwan Khalifa, Mesa Water  
Doug Reinhart, Irvine Ranch Water District

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Director Thomas called the meeting to order at 8:30 a.m. Director Yoo Schneider attended the meeting via teleconference. All Brown Act posting requirements were complied with.

**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 2017
- b. Disbursement Approval Report for the month of December 2017
- c. Disbursement Ratification Report for the month of November 2017
- d. GM Approved Disbursement Report for the month of November 2017
- e. Water Use Efficiency Projects Cash Flow – November 30, 2017
- f. Consolidated Summary of Cash and Investment – October 2017
- g. OPEB Trust Fund monthly statement

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Treasurer's Report for approval at the December 20, 2017 Board meeting. Directors Thomas, Finnegan and Barbre all voted in favor.

**FINANCIAL REPORT - Combined Financial Statements and Budget Comparative for the Period ending October 31, 2017**

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Financial Report for approval at the December 20, 2017 Board meeting. Directors Thomas, Finnegan and Barbre all voted in favor.

**ACTION ITEMS**

**OPTIONS FOR FUNDING CALPERS UNFUNDED LIABILITY**

Mr. Hunter reported that this item was returned from the November Administration & Finance Committee and regular Board meetings so that Director Barbre could participate in the discussions.

Upon MOTION by Director Barbre, to include the CalPERS unfunded liability into a 115 trust account through Public Agency Retirement Services (PARS), seconded by Director Finnegan, and carried (3-0), the Committee recommended this item for approval at the December 20, 2017 Board meeting. Directors Finnegan, Barbre and Thomas all voted in favor.

**BOND ACT INITIATIVE**

Discussion was held whether this item should be moved to the Public Affairs Committee meeting. The consensus of Committee was that while they support projects to improve infrastructure, the Bond Act is not the appropriate vehicle to do so.

No action was taken by the Committee.

Committee held discussion on how to address any MWDOC or MWDOC MET Director voting at ACWA on items like the Bond Act Initiative, should they hold a position with ACWA. This would also hold true with organizations like NWRA, ACWA Federal Affairs Committee and others. Discussion was held whether this should be addressed at the Public Affairs & Legislation Committee meeting. It was noted that these items are regularly discussed at the Public Affairs Workgroup, for those agencies that choose to participate.

**DISCUSSION ITEM**

**FY 2018-19 BUDGET**

Mr. Hunter reported that, as a follow-up from the Executive Committee, discussion should be held on the appropriate process for adding items to the budget. He also noted that a letter was sent to member agencies, noting the commencement of the budget process and comments were welcomed.

The consensus of the Committee was that any additions or changes be clearly identified and delineated during the budget review process.

The Committee requested that a copy of all memberships, remaining contracts and sponsorships be provided to the Board during the budget process.

### **INFORMATION ITEMS**

#### **DEPARTMENT ACTIVITIES REPORTS**

- a. Administration
- b. Finance and Information Technology

The informational staff reports were received and filed.

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

The report was 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 to be brought before the Committee, the meeting adjourned at 9:25 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 18, 2017, 2017 - 8:30 a.m. to 10:25 a.m.

MWDOC/OCWD Joint Boardroom

**Committee:**

Director Sat Tamaribuchi, Chairman  
Director Larry Dick  
Director Megan Yoo Schneider

**Staff:**

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

**Also Present:**

Wayne Osborne, MWDOC Director  
Jeff Thomas, MWDOC Director  
Joan Finnegan, MWDOC Director  
Larry McKenney, MWDOC MET Director  
Linda Ackerman, MWDOC MET Director  
Dick Ackerman, Ackerman Consulting  
Syrus Devers, BBK  
John Lewis, Lewis Consulting  
Sherri Seitz, ETWD  
Tony Solorzano, Discovery Cube  
Lori Kiesser, Inside the Outdoors  
Kevin Perkins, HashtagPinpoint Corp.  
Tim Kearns, HashtagPinpoint Corp.

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Chair Tamaribuchi called the meeting to order at 8:30 a.m.

**PUBLIC PARTICIPATION**

No items were presented.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

No items were presented.

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

No items were presented.

**DISCUSSION ITEMS**

**LEGISLATIVE ACTIVITIES**

**a. Federal Legislative Report (Barker)**

Mr. Jim Barker joined the meeting via teleconference and reported that the two issues that have dominated Congress for the last month were the Tax Reform Bill and the passage of the annual package of Appropriations bills. The current funding authorization expires at midnight on Friday and right now the house is planning on sending a funding bill to fund defense through September 30 but it needs 60 votes in the Senate. Most think democrats will reject this bill. If you increase for defense, then you need to increase for discretionary (basically everything but defense) too.

MET provided a bi-partisan briefing about the California WaterFix to House staffers two weeks ago which was favorably received. Director Barbre inquired how Brenda Burman's final confirmation will impact the Fix. Mr. Barker stated that Brenda Burman has a vast amount of experience and will do an excellent job and, to the extent she can, will make the Fix happen.

There was then discussion that WIFIA funding may be sought for the WaterFix project costs. If current WIFIA would not permit, there might be exploration done to amend the WIFIA law.

Mr. Barker stated that the Trump Administration intends to release more of its Infrastructure program soon (February) and it is unclear if "water infrastructure" will be included. One of the intricate parts of that plan will include WIFIA.

**b. State Legislative Report (BBK)**

Mr. Syrus Devers discussed the resignations of two Democrats in the Assembly and, as a result, the Democrats will no longer have a supermajority in the Assembly at the start of the 2018 session. It will have an impact on the conservation bills, AB 1668/SB 606 (Friedman/Hertzberg/Skiner). Losing a vote right now strengthens the hand of our opponents; on the other hand, the Administration may look at it and introduce a trailer bill. Mr. Devers stated that we've seen a proposed set of amendments to the conservation bills that have improved it and we like it and are encouraged.

**c. County Legislative Report (Lewis)**

Mr. Lewis reviewed the written Orange County report.

**d. Legal and Regulatory Report (Ackerman)**

The report was received and filed.

**AB 1668/SB 606 (FRIEDMAN/HERTZBERG/SKINNER) UPDATE**

This item was discussed under the State Legislative Report; the information was received and filed.

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

Ms. Baez reported that the invitations have gone out and we are coordinating with other water districts and Congressional Offices to ensure excellent participation.

**WATER UCI INDUSTRY-UNIVERSITY COOPERATIVE RESEARCH CENTER**

Mr. Hunter reported that Water UCI has invited MWDOC to participate in and help fund a five year research program. Depending on the number of participants, the annual cost could be from \$30,000 to \$50,000. Director Yoo Schneider stated that she is in favor of MWDOC's participation. Participation may be discussed during the budget process.

**STATE WATER BOARD PROPOSED REGULATION TO PERMANENTLY PROHIBIT CERTAIN WASTEFUL WATER USE PRACTICES**

Ms. Baez reported that she and Mr. Berg attended the public hearing on November 21 which provided an opportunity to discuss the permanent prohibition of certain wasteful water use practices with the State Board and staff. The rulemaking process includes a comment period that ends on December 26. MWDOC staff is currently in the process of composing a formal comment letter for submission to the State Board. It was noted that a copy of the letter would be distributed to the Board.

**LEGISLATIVE POLICY STATEMENT FROM SANTA MARGARITA WATER DISTRICT DIRECTOR, CHUCK GIBSON**

The Board discussed the proposed additions to MWDOC's legislative policy principles suggested by Director Gibson, noting that the sentiment was included in MWDOC's policy principles.

**ACTION ITEMS****MWDOC.COM PRIVACY POLICY**

Upon MOTION by Director Dick, seconded by Director Yoo Schneider, and carried (3-0), the Committee recommended the Board adopt the Privacy Policy for Municipal Water District of Orange County at the December 20, 2017 Board meeting. Directors Tamaribuchi, Dick, and Schneider voted in favor.

**EXTENSION OF LOCAL ADVOCACY CONTRACT WITH LEWIS CONSULTING GROUP**

Upon MOTION by Director Dick, seconded by Director Schneider and carried (3-0), the Committee recommended the Board extend the local advocacy contract with Lewis Consulting Group for 2018 at the December 20, 2017 Board meeting. Directors Tamaribuchi, Dick, and Schneider voted in favor.

**EXTENSION OF FEDERAL ADVOCACY CONTRACT WITH JAMES C. BARKER**

Upon MOTION by Director Yoo Schneider, seconded by Director Dick and carried (3-0), the Committee recommended the Board extend the federal advocacy contract with James C. Barker for 2018 at the December 20, 2017 Board meeting. Directors Tamaribuchi, Dick, and Schneider voted in favor.

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

Upon MOTION by Director Dick, seconded by Director Schneider and carried (3-0), the Committee recommended the Board extend the state legislative advocacy contract with Best, Best & Krieger at the December 20, 2017 Board meeting. Directors Tamaribuchi, Dick, and Yoo Schneider voted in favor.

**INFORMATION ITEMS****UPDATE ON 2018 OC WATER SUMMIT (JUNE 1, 2018)****SOCIAL MEDIA UPDATE****EDUCATION REPORT UPDATE**

Director Schneider requested that dates for school program assemblies be sent out to Member Agencies. The informational updates were received and filed.

**PUBLIC AFFAIRS ACTIVITIES REPORT**

Director Yoo Schneider commended Ms. Baum-Haley on the spectacular speech she made at the Women in Water meeting in December.

**OTHER ITEMS****REVIEW ISSUES RELATED TO LEGISLATION, OUTREACH, PUBLIC INFORMATION ISSUES, AND MET**

No information was presented.

**ADJOURNMENT**

There being no further business to be brought before the Committee, the meeting adjourned at 10:50 a.m.

MINUTES OF THE MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
jointly with the  
**EXECUTIVE COMMITTEE**  
December 21, 2017, 8:30 a.m. to 9:45 a.m.  
Conference Room 102

**Committee:**

Director Barbre, President  
Director Finnegan, Vice President  
Director Osborne

**Staff:**

R. Hunter, M. Goldsby

**Also Present:**

Director Tamaribuchi  
Director Dick  
Director Yoo Schneider

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

**PUBLIC PARTICIPATION**

No public comments were received.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

No items were presented.

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

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

**EXECUTIVE COMMITTEE PROPOSALS FOR FUTURE AGENDAS**

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

- a. Planning & Operations Committee meeting

No new items were added to the agenda.

- b. Workshop Board meeting

No new items were added to the agenda.

- c. Administration & Finance Committee

No new items were added to the agenda.



d. Public Affairs & Legislation Committee

No new items were added to the agenda.

e. Executive Committee

No new items were added to the agenda.

f. MWDOC/OCWD Joint Planning Committee

The Committee requested an update on Local Resources Program (LRP) funding on the Groundwater Replenishment System Project be added to the agenda.

Following discussion, the Committee suggested the MWDOC/OCWD Joint Planning Committee meet on a quarterly basis rather than every other month.

The Committee requested staff prepare the Board with briefing papers on OCWD issues.

### **DISCUSSION REGARDING UPCOMING ACTIVITIES OF SIGNIFICANCE**

Committee reviewed the draft comment letter to Ms. Jeanine Townsend (Clerk of the Board of the State Water Resources Control Board) regarding prohibiting wasteful water use practices, and requested the word “permanent” be removed with respect to supporting the mandates. The Committee requested copies of the letter be emailed to MWDOC’s member agencies (including each elected official).

Discussion ensued regarding signatories to these types of letters, and it was generally agreed that the General Manager sign letters addressed to staffs of various agencies, and the President sign if addressed to an elected official.

### **MEMBER AGENCY RELATIONS**

President Barbre requested staff prepare a list of the Chambers of Commerce (highlighting the Chamber’s Legislative Committees) within MWDOC’s service area, broken down by Director division and distribute said list to the Board.

Mr. Barbre also encouraged the Board members to attend meetings of the member agencies within their respective divisions.

### **GENERAL MANAGER’S REPORTS**

No new information was presented.

## **REVIEW AND DISCUSS DISTRICT AND BOARD ACTIVITIES**

Discussion was held regarding the Ad Hoc Committee on Desalination activities, noting that the committee has met on two occasions.

Director Barbre suggested that each Board member nominate and present monthly awards to staff who they believe provide exemplary service. Discussion ensued regarding the limited exposure to staff the each Board member has, and suggested that awards be presented only on the occasion of staff going “above and beyond” their regular duties.

It was noted that the Board would like to meet off-site on February 10<sup>th</sup> to review the General Manager’s performance evaluation at the Westin South Coast Plaza.

## **ADJOURNMENT**

There being no further business to be brought before the Committee, the meeting adjourned at 9:45 a.m.

**Municipal Water District of Orange County  
REVENUE / CASH RECEIPT REPORT  
December 2017**

**WATER REVENUES**

<b>Date</b>	<b>From</b>	<b>Description</b>	<b>Amount</b>
12/01/17	City of La Palma	October 2017 Water deliveries	4,348.27
12/01/17	City of Fountain Valley	October 2017 Water deliveries	267,451.60
12/01/17	City of Huntington Beach	October 2017 Water deliveries	551,823.37
12/01/17	City of Brea	October 2017 Water deliveries	171,138.85
12/07/17	Laguna Beach County Water District	October 2017 Water deliveries	132,663.53
12/07/17	City of Garden Grove	October 2017 Water deliveries	775,944.48
12/08/17	South Coast Water District	October 2017 Water deliveries	480,614.85
12/08/17	City of San Clemente	October 2017 Water deliveries	618,343.68
12/11/17	El Toro Water District	October 2017 Water deliveries	556,673.47
12/11/17	City of Seal Beach	October 2017 Water deliveries	228,116.95
12/11/17	Santa Margarita Water District	October 2017 Water deliveries	2,094,746.04
12/14/17	East Orange County Water District	October 2017 Water deliveries	461,228.56
12/14/17	City of San Juan Capistrano	October 2017 Water deliveries	454,043.79
12/14/17	City of Westminster	October 2017 Water deliveries	255,923.37
12/14/17	City of Orange	October 2017 Water deliveries	859,958.38
12/14/17	Mesa Water	October 2017 Water deliveries	337,981.30
12/15/17	City of Newport Beach	October 2017 Water deliveries	789,602.84
12/15/17	Orange County Water District	October 2017 Water deliveries	4,340,328.00
12/15/17	Irvine Ranch Water District	October 2017 Water deliveries	1,231,779.73
12/15/17	Moulton Niguel Water District	October 2017 Water deliveries	2,220,691.74
12/15/17	Golden State Water Company	October 2017 Water deliveries	890,118.25
12/15/17	Yorba Linda Water District	October 2017 Water deliveries	655,011.22
12/22/17	City of Fountain Valley	November 2017 Water deliveries	122,943.50
12/22/17	Serrano Water District	November 2017 Water deliveries	9,486.94
12/27/17	City of Seal Beach	November 2017 Water deliveries	77,433.45
12/27/17	City of Buena Park	November 2017 Water deliveries	183,225.75
<b>TOTAL REVENUES</b>			<b>\$ 18,771,621.91</b>

**Municipal Water District of Orange County**  
**REVENUE / CASH RECEIPT REPORT**  
**December 2017**

**MISCELLANEOUS REVENUES**

<b>Date</b>	<b>From</b>	<b>Description</b>	<b>Amount</b>
12/01/17	Keith Lyon	December 2017 Retiree Health insurance	259.60
12/14/17	Lee Jacobi	Jan-Dec 2018 Retiree Health insurance	502.44
12/14/17	Judy Pfister	Jan-Mar 2018 Retiree Health insurance	121.50
12/18/17	Stan Sprague	January 2018 Retiree Health insurance	243.00
12/29/17	Keith Lyon	January 2018 Retiree Health insurance	278.59
12/14/17	4 Checks	Movie tickets	408.00
12/11/17	Karl Seckel	Movie tickets	153.00
12/27/17	2 Checks	Movie tickets	238.00
12/07/17	US Bank	CAL Card rebate check	535.18
12/27/17	Metropolitan Water District	OC-79 Service connection modifications refund	2,991.62
12/27/17	Santa Ana Police Department	Emergency Water Quality Sample kits grant	1,475.86
12/01/17	Paypal	OCEMO Holiday luncheon	1,505.77
12/29/17	Paypal	OCEMO Holiday luncheon	310.12
12/01/17	Paypal	WEROC Disaster Finance training	2,015.48
12/07/17	Moulton Niguel Water District	WEROC Disaster Finance training	160.00
12/08/17	Western Municipal Water District	WEROC Disaster Finance training	320.00
12/11/17	City of Seal Beach	WEROC Disaster Finance training	640.00
12/15/17	2 Checks	WEROC Disaster Finance training	960.00
12/27/17	Costa Mesa Sanitary District	WEROC Disaster Finance training	160.00
12/29/17	Paypal	WEROC Disaster Finance training	65.42
12/22/17	City of Huntington Beach	October 2017 Smartimer rebate program	9.86
12/01/17	2 Checks	September 2017 Turf Removal rebate program	444.00
12/27/17	City of Garden Grove	September 2017 Turf Removal rebate program	222.00
12/11/17	City of Orange	October 2017 Turf Removal rebate program	111.00
12/18/17	City of Buena Park	October 2017 Turf Removal rebate program	111.00
12/27/17	Moulton Niguel Water District	October 2017 Smartimer and Turf Removal rebate program	6,979.71
12/18/17	El Toro Water District	October 2017 Smartimer, Rain Barrel and Turf Removal rebate program	1,350.77
12/08/17	Department of Water Resources	Apr-Jun 2017 Strategic Turfgrass Removal and Design Assistance	35,676.91
12/11/17	Santa Margarita Water District	September 2017 So Cal Watersmart rebate program	85.00
12/11/17	Moulton Niguel Water District	November 2017 Spray to Drip rebate program	24,091.80
12/18/17	Moulton Niguel Water District	FY 17-18 Choice Programs Billing Invoice	92,237.76
12/15/17	Golden State Water Company	FY 17-18 Choice Programs Billing Invoice	15,666.00
12/15/17	South Coast Water District	Water Loss Control technical assistance - WSO, Inc	32,300.00

TOTAL MISCELLANEOUS REVENUES \$ **222,629.39**

**TOTAL REVENUES \$ 18,994,251.30**



Robert J. Hunter, General Manager



Hilary Chumitazi, Treasurer

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
<b>Core Expenditures:</b>		
	<b>Richard C. Ackerman</b>	
1160	December 2017 Consulting on legal and regulatory matters	1,600.00
	*** Total ***	1,600.00
	<b>ALTA FoodCraft</b>	
517089905	12/19/17 Coffee & tea supplies	273.84
	*** Total ***	273.84
	<b>California Landscape Contractors Association</b>	
2018	OC Champion Sponsorship program	1,625.00
	*** Total ***	1,625.00
	<b>CDM Smith</b>	
90033913	10/29/17-11/30/17 Engineering services for O.C. Water Reliability Investigation	4,750.00
	*** Total ***	4,750.00
	<b>CSU Fullerton ASC</b>	
AR167359(Revised)	Updated historic population estimates for MWDOC service area from 2010-2017 and population estimates for South Orange County for proposed Doheny Ocean Desalination plant	1,392.52
	*** Total ***	1,392.52
	<b>Fry's Electronics</b>	
22256398	12/28/17 Computer components	429.49
	*** Total ***	429.49
	<b>GovConnection, Inc.</b>	
55435238	1/6/18-1/5/19 Renewal for Email Security Essential software	1,157.00
	*** Total ***	1,157.00
	<b>HashtagPinpoint Corporation</b>	
1134	December 2017 Social media consultation and services	9,500.00
	*** Total ***	9,500.00
	<b>Immersiv Media, Inc.</b>	
MWDOC 2017-023	October-December 2017 MWDOC website hosting & maintenance	525.00
	*** Total ***	525.00
	<b>International Public Management Assoc</b>	
INV-32715-B9K2Z1	3/1/18-2/28/19 Annual membership renewal	109.00
	*** Total ***	109.00
	<b>James C. Barker, P.C.</b>	
105-1217	December 2017 Federal legislative advocacy services	8,000.00
	*** Total ***	8,000.00

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b><i>Jill Promotions</i></b>	
10103	MWDOC logo embroidered shirts and jackets for staff	4,856.16
	*** Total ***	4,856.16
	<b><i>Karen's Detail Custom Frames</i></b>	
2973	Custom framing for G. Murdoch resolution	120.68
	*** Total ***	120.68
	<b><i>L. A. Design Studio</i></b>	
4893	August-December 2017 Services to redesign MWDOC website	13,695.00
	*** Total ***	13,695.00
	<b><i>Lawnscapes Systems, Inc.</i></b>	
392229	December 2017 Gardening service for atrium	295.00
	*** Total ***	295.00
	<b><i>Lewis Consulting Group, LLC</i></b>	
2017-173	December 2017 Consulting services	3,062.50
	*** Total ***	3,062.50
	<b><i>Keith Lyon</i></b>	
OCT-DEC17	October-December 2017 Retiree medical premium	402.00
	*** Total ***	402.00
	<b><i>Edward G. Means III</i></b>	
MWDOC-1055	December 2017 MET issues and guidance to Engineering staff	1,009.63
	*** Total ***	1,009.63
	<b><i>Moulton Niguel Water District</i></b>	
OC-79-DEC17	Refund unused portion of deposit for OC-79 Service Connection modifications	2,991.62
	*** Total ***	2,991.62
	<b><i>Norco Delivery Services</i></b>	
711992	12/1/17 Delivery charges for Board packets	169.36
712081	12/15/17 Delivery charges for Board packets	169.36
	*** Total ***	338.72
	<b><i>Office Solutions</i></b>	
I-01287143	12/21/17 Office supplies	350.12
I-01287147	12/21/17 Office supplies	36.93
	*** Total ***	387.05
	<b><i>County of Orange</i></b>	
PW180315	FY17-18 Coop agreement for South Orange County Watershed Management Area	8,972.75
	*** Total ***	8,972.75

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b>Orange County Water District</b>	
18370	November 2017 50% share of WACO expense	217.50
18388	November 2017 Postage, shared office & maintenance expense	15,140.34
	*** Total ***	15,357.84
	<b>Patricia Kennedy Inc.</b>	
21637	January 2018 Plant maintenance	214.00
	*** Total ***	214.00
	<b>Judy Pfister</b>	
OCT-DEC17	October-December 2017 Retiree medical premium	321.00
	*** Total ***	321.00
	<b>R. S. Mean Company, LLC</b>	
3173577	2018 Heavy Construction Costs book	240.29
	*** Total ***	240.29
	<b>Staples Advantage</b>	
8047976551	12/23/17 Office supplies	128.08
	*** Total ***	128.08
	<b>U. S. HealthWorks Medical Group</b>	
3232810-CA	11/9/17 Pre-employment exam	173.00
	*** Total ***	173.00
	<b>Union Bank, N.A.</b>	
1070522	September-November 2017 Custodial Bank fees	625.00
	*** Total ***	625.00
	<b>USAFact, Inc.</b>	
7122317	12/16/17 Pre-employment background check	40.06
	*** Total ***	40.06
	<b>Water Systems Optimization, Inc.</b>	
1251	December 2017 Services for Water Loss Control program	367.80
	*** Total ***	367.80
	<b>Pauline D. Wennerstrom</b>	
JAN-MAR18	January-March 2018 Retiree medical premium	339.00
	*** Total ***	339.00
	<b>Total Core Expenditures</b>	<hr/> 83,299.03

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
<b>Choice Expenditures:</b>		
	<b><i>Bryton Printing Inc.</i></b>	
13987	Rebate flyers for member agencies	1,661.66
13988	Bill inserts for member agencies	3,951.45
	*** Total ***	5,613.11
	<b><i>State of California</i></b>	
2018-02-01	2/1/18-1/31/19 Lease renewal for Doheny Ocean Desal	27,783.00
	*** Total ***	27,783.00
	<b><i>Enterprise Information Sys Inc</i></b>	
MWDOC-22004	11/15/17-12/31/17 Support for California Sprinkler Adjustment Notification System website	1,548.00
	*** Total ***	1,548.00
	<b><i>Orange County Water District</i></b>	
18388	November 2017 Postage for rebate programs	43.41
	*** Total ***	43.41
	<b><i>Top Hat Productions</i></b>	
93563	12/7/17 Lunch for Water Use Efficiency workgroup meeting	376.69
	*** Total ***	376.69
	<b><i>Total Choice Expenditures</i></b>	<b>35,364.21</b>

**Other Funds Expenditures:**

	<b><i>California Emergency Services Association</i></b>	
2354-2018	Annual membership renewal	225.00
	*** Total ***	225.00
	<b><i>EcoTech Services, Inc.</i></b>	
1052	11/26/17-12/25/17 Backyard area measurements for Turf Removal program	75.00
1053	11/26/17-12/25/17 One-on-One design assistance for Landscape Design program	2,700.00
	*** Total ***	2,775.00
	<b><i>The Martinet Group, LLC</i></b>	
2017-12-03	Trainer for 12/11/17 Special Disaster Purchasing and 12/12/17 Work Process Flow & Photo Documentation workshops	8,000.00
	*** Total ***	8,000.00



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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b>Michael Baker International</b>	
998601	November 2017 Orange County Regional Water & Wastewater Multijurisdictional Hazard Mitigation Plan update	2,245.00
	*** Total ***	2,245.00
	<b>Mission RCD</b>	
2381	November 2017 Field verifications for Water Use Efficiency rebate programs	14,817.40
	*** Total ***	14,817.40
	<b>Orange County Fast Print</b>	
55634	Business cards printed for J. Schunk	83.66
	*** Total ***	83.66
	<b>Water Systems Optimization, Inc.</b>	
1251	December 2017 Services for Water Loss Control program	23,025.00
	*** Total ***	23,025.00
	<b>Total Other Funds Expenditures</b>	<hr/> 51,171.06
	<b>Total Expenditures</b>	<hr/> <hr/> 169,834.30

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of December 2017**

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
<b>Core Disbursements:</b>				
137503	12/7/17	SPECTB 0375210112017	<b>Spectrum Business</b> December 2017 Telephone and internet expense ***Total ***	1,098.04 1,098.04
137504	12/7/17	VERIZO 9796863232	<b>Verizon Wireless</b> November 2017 4G Mobile broadband unlimited service ***Total ***	114.03 114.03
137516	12/15/17	HOMED1 7785-NOV17	<b>Home Depot Credit Services</b> 11/7/17 Small tools ***Total ***	63.44 63.44
137518	12/15/17	IRONMO PNB1900	<b>Iron Mountain</b> December 2017 Archived document storage fees ***Total ***	195.29 195.29
137527	12/15/17	SPECTB 0343564120117	<b>Spectrum Business</b> December 2017 Telephone expense for 3 analog fax lines ***Total ***	107.63 107.63
ACH002907	12/15/17	ACKEEX 113017	<b>Linda Ackerman</b> November 2017 Business expense ***Total ***	59.92 59.92
ACH002910	12/15/17	BAEZHE 103117	<b>Heather Baez</b> October 2017 Business expense ***Total ***	83.83 83.83
ACH002911	12/15/17	BARBRE 113017	<b>Brett Barbre</b> November 2017 Business expense ***Total ***	57.16 57.16
ACH002912	12/15/17	BAUMHA 103117	<b>Melissa Baum-Haley</b> October 2017 Business expense ***Total ***	143.05 143.05
ACH002916	12/15/17	LINGAD 102617	<b>Christopher S. Lingad</b> October 2017 Business expense ***Total ***	117.87 117.87
ACH002918	12/15/17	DELATO 111017	<b>Harvey De La Torre</b> November 2017 Business expense ***Total ***	58.26 58.26

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of December 2017**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>ACH002919</b>	<b>12/15/17</b>	<b>DICKE</b> 113017	<b>Larry Dick</b> November 2017 Business expense ***Total ***	 161.61 161.61
<b>ACH002922</b>	<b>12/15/17</b>	<b>FINNEG</b> 113017	<b>Joan Finnegan</b> November 2017 Business expense ***Total ***	 132.20 132.20
<b>ACH002924</b>	<b>12/15/17</b>	<b>HUNTER</b> 110717	<b>Robert J. Hunter</b> October-November 2017 Business expense ***Total ***	 194.31 194.31
<b>ACH002934</b>	<b>12/15/17</b>	<b>SCHNEI</b> 113017	<b>Megan Yoo Schneider</b> November 2017 Business expense ***Total ***	 755.67 755.67
<b>ACH002938</b>	<b>12/15/17</b>	<b>TAMARI</b> 113017	<b>Satoru Tamaribuchi</b> November 2017 Business expense ***Total ***	 192.61 192.61
<b>ACH002940</b>	<b>12/15/17</b>	<b>THOMAS</b> 113017	<b>Jeffery Thomas</b> November 2017 Business expense ***Total ***	 177.62 177.62
<b>ACH002941</b>	<b>12/15/17</b>	<b>THOMAS</b> 083117A	<b>Jeffery Thomas</b> August 2017 Business expense-UWI conference hotel ***Total ***	 293.44 293.44
<b>EFT-171226</b>	<b>12/26/17</b>	<b>WAGEWO</b> INV399987	<b>Wageworks</b> November 2017 Cafeteria plan administration ***Total ***	 181.25 181.25
<b>137576</b>	<b>12/29/17</b>	<b>USBANK</b> 4140/5443-NOV17	<b>U.S. Bank</b> 10/24/17-11/22/17 Cal Card charges ***Total ***	 18,621.05 18,621.05
<b>ACH002942</b>	<b>12/29/17</b>	<b>BACATI</b> 120717	<b>Tiffany Baca</b> October-December 2017 Business expense ***Total ***	 115.82 115.82
<b>ACH002943</b>	<b>12/29/17</b>	<b>BAEZHE</b> 113017	<b>Heather Baez</b> November 2017 Business expense ***Total ***	 149.64 149.64
<b>ACH002944</b>	<b>12/29/17</b>	<b>BERGJO</b> 113017	<b>Joseph Berg</b> November 2017 Business expense ***Total ***	 585.05 585.05

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of December 2017**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>ACH002947</b>	<b>12/29/17</b>	<b>BUSSLI 113017</b>	<b>Charles Busslinger</b> November 2017 Business expense ***Total ***	 33.32 33.32
<b>Total Core Disbursements</b>				<b>23,692.11</b>
 <b>Choice Disbursements:</b>				
<b>Total Choice Disbursements</b>				<b>0.00</b>
 <b>Other Funds Disbursements:</b>				
<b>137504</b>	<b>12/7/17</b>	<b>VERIZO 9796863232</b>	<b>Verizon Wireless</b> November 2017 4G Mobile broadband unlimited service ***Total ***	 38.01 38.01
<b>137505</b>	<b>12/15/17</b>	<b>BUENAP 9348</b>	<b>City of Buena Park</b> October 2017 Credit for In-Lieu water purchases ***Total ***	 399,049.35 399,049.35
<b>137507</b>	<b>12/15/17</b>	<b>ATTEOC 0532-NOV17</b>	<b>AT&amp;T</b> November 2017 WEROC N. EOC telephone expense ***Total ***	 69.64 69.64
<b>137508</b>	<b>12/15/17</b>	<b>ATTUVEOC 8599-DEC17</b>	<b>AT&amp;T</b> December 2017 WEROC N. EOC U-verse internet service ***Total ***	 60.00 60.00
<b>137530</b>	<b>12/15/17</b>	<b>TURFRP TR11-R-YLWD-21081-20997</b>	<b>Turf Removal Program</b> W. Legacy (Re-issue) ***Total ***	 2,000.00 2,000.00
<b>ACH002935</b>	<b>12/15/17</b>	<b>SOTOFR 103117</b>	<b>Francisco Soto</b> October 2017 Business expense ***Total ***	 85.81 85.81
<b>ACH002936</b>	<b>12/15/17</b>	<b>SOTOFR 111617</b>	<b>Francisco Soto</b> November 2017 Business expense-IAEM conference ***Total ***	 135.00 135.00
<b>ACH002937</b>	<b>12/15/17</b>	<b>SOTOFR 101117</b>	<b>Francisco Soto</b> October 2017 Business expense-CESA conference ***Total ***	 372.26 372.26

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of December 2017**

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
	<b>12/20/17</b>	<b>TURFRP</b>	<b>Turf Removal Program</b>	
137532	12/20/17	TR10-C-YLWD-13541-13486	Rancho Dominguez HOA (Yorba Linda)	4,804.80
137533	12/20/17	TR11-C-IRWD-21033-20946	Foothill Business First Service Residential (Foothill Ranch)	50,000.00
137534	12/20/17	TR11-R-IRWD-17746-17694	G. Leung	1,080.00
137535	12/20/17	TR10-R-IRWD-17668-17620	F. Biemann	2,000.00
137536	12/20/17	TR11-R-IRWD-17879-17801	J. Esposito	900.00
137537	12/20/17	TR11-R-IRWD-18905-18821	E. Rhodes	1,362.00
137538	12/20/17	TR11-R-IRWD-18918-18835	R. Cassuto	456.00
137539	12/20/17	TR11-R-IRWD-20937-20856	A. Shih	1,508.00
137540	12/20/17	TR11-R-IRWD-21120-21034	S. Sajjadi	386.00
137541	12/20/17	TR10-R-FV-13409-13358	K. Lin	988.00
137542	12/20/17	TR11-R-BP-20952-20871	C. Tuong	834.00
137543	12/20/17	TR11-R-HB-20964-20883	B. Adamo	321.00
137544	12/20/17	TR11-R-WEST-20987-20902	M. Duignan	393.00
137545	12/20/17	TR11-R-TUST-21054-20967	A. Shaller	1,496.00
137546	12/20/17	TR11-R-TUST-21116-21031	K. Davis	2,000.00
137547	12/20/17	TR11-R-BP-3143-21056	A. Mahalingam	278.00
137548	12/20/17	TR11-R-BREA-21160-21073	M. Butler	1,499.00
137549	12/20/17	TR11-R-BREA-17582-21095	C. Valls	1,198.00
137550	12/20/17	TR11-R-O-22194-22108	A. Kuchta	281.00
137551	12/20/17	TR10-R-O-13524-13470-ADJ	J. Spence	374.00
137552	12/20/17	TR11-R-MNT-13528-13504	L. Calderon	3,154.00
137553	12/20/17	TR10-R-MNT-17573-17518	R. Rohwer	1,392.00
137554	12/20/17	TR10-R-MNT-17648-17597	M. Chao	1,324.98
137555	12/20/17	TR11-R-MNT-17751-17699	J. Curie	3,930.00
137556	12/20/17	TR11-R-MNT-20973-20892	L. Feng	944.00
137557	12/20/17	TR11-R-SC-20938-20857	D. Juneau	2,090.00
137558	12/20/17	TR11-R-SM-21019-20932	P. Heydenrych	487.00
137559	12/20/17	TR11-R-SM-21087-21003	J. Moore	301.00
137560	12/20/17	TR11-R-SM-17844-17755	C. Martinez	746.00
137561	12/20/17	TR11-R-SM-20940-20859	T. Leininger	526.00
137562	12/20/17	TR11-R-SM-21142-21054	M. Goodbrand	444.00
137563	12/20/17	TR11-R-SM-21143-21055	P. Konopasky	894.00
137564	12/20/17	TR11-R-SM-21154-21067	K. Tanioka	1,702.00
137565	12/20/17	TR11-R-SM-22184-22095	T. Tsubaki	673.00
137566	12/20/17	TR11-R-SM-22210-22127	J. Chiappone	389.00
137567	12/20/17	TR11-R-SM-22240-22154	J. Eagle	850.00
137568	12/20/17	TR11-R-SM-23275-23186	N. Gabaldon	329.00
137569	12/20/17	TR11-C-SOCO-18911-18829	The Village At Dana Point	5,124.00
			***Total ***	97,458.78
<b>137570</b>	<b>12/20/17</b>	<b>DRIPPR</b>	<b>Spray to Drip Program</b>	
		S2D1-C-YLWD-13541-13049C	Rancho Dominguez Community (Yorba Linda)	750.00
			***Total ***	750.00

**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of December 2017**

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
137572	12/29/17	CATALI 0015001	<b>Catalina Island Conservancy</b> December 2017 WEROC radio repeater site lease ***Total ***	1,718.29 1,718.29
137574	12/29/17	SANTI1 OCT2017	<b>Santiago Aqueduct Commission</b> October 2017 SAC Pipeline Operation surcharge ***Total ***	3,736.04 3,736.04
137575	12/29/17	SCHUNK 121217	<b>Janine Schunk</b> November-December 2017 Business expense ***Total ***	79.91 79.91
137576	12/29/17	USBANK 4140-NOV17	<b>U.S. Bank</b> 10/24/17-11/22/17 Cal Card charges ***Total ***	35.00 35.00
ACH002944	12/29/17	BERGIO 113017	<b>Joseph Berg</b> November 2017 Business expense ***Total ***	4.50 4.50
ACH002951	12/29/17	HUBBAR 113017	<b>Kelly Hubbard</b> November 2017 Business expense ***Total ***	77.34 77.34
ACH002958	12/29/17	SANTAM OCT2017	<b>Santa Margarita Water District</b> October 2017 SCP Pipeline Operation surcharge ***Total ***	27,242.14 27,242.14
ACH002959	12/29/17	SOTOFR 113017	<b>Francisco Soto</b> November 2017 Business expense ***Total ***	115.48 115.48
EFT-171229	12/29/17	METWAT 9185	<b>Metropolitan Water District</b> October 2017 Water deliveries ***Total ***	18,146,698.40 18,146,698.40
<b>Total Other Funds Disbursements</b>				<b>18,679,725.95</b>
<b>Total Disbursements</b>				<b>18,703,418.06</b>



Robert J. Hunter, General Manager



Hilary Chumbitazi, Treasurer

**Cal Card Statement Detail**  
**Statement Date: November 22, 2017**  
**Payment Date: December 29, 2017**

Date	Description	Amount
<b><u>K. Seckel Card</u></b>		
10/22/02	Legislative activities in Washington, DC from Nov. 15-17, 2017 - Airfare for Director Thomas	\$ 622.40 <sup>1</sup>
10/25/17	Case for Microsoft Surface Pro for J. Berg	28.99
10/27/17	Water Environment & Reuse Foundation workshop in Beverly Hills, CA on Nov. 8, 2017 - Registration for J. Berg	40.00
10/30/17	ACWA Fall conference in Anaheim, CA from Nov. 28-Dec. 1, 2017 - Registration for C. Busslinger	555.00
10/30/17	UPS delivery charges for Board packets on Oct. 27, 2017	7.31
10/31/17	ACWA Fall conference in Anaheim, CA from Nov. 28-Dec. 1, 2017 - Registration for Director Yoo Schneider	555.00
10/31/17	Colorado River Water Users Association Annual conference in Las Vegas, NV from Dec. 13-15, 2017 - Accommodations for Director Barbre	402.96
10/31/17	Colorado River Water Users Association Annual conference in Las Vegas, NV from Dec. 13-15, 2017 - Accommodations for H. De La Torre	402.96
10/31/17	Qualified Water Efficient Landscaper Training Beta Test workshop in Santa Rosa, CA from Nov. 12-14, 2017 - Airfare for M. Conway	279.96
11/01/17	GovernmentJobs job posting for Public Affairs Assistant position	175.00
11/01/17	GovernmentJobs job posting for Public Affairs Specialist position	175.00
11/01/17	Brown and Caldwell job posting for Public Affairs Assistant position	200.00
11/01/17	Brown and Caldwell job posting for Public Affairs Specialist position	200.00
11/01/17	California Society of Municipal Finance Officers meeting in Aliso Viejo, CA on Dec. 6, 2017 - Registrations for H. Chumpitazi, L. Gunawan and M. Snow	90.00
11/02/17	Lunch for Boy Scout clinic on Nov. 4, 2017	351.05
11/02/17	11/22/17-8/3/18 Subscription for Acrobat Pro software	2,720.38 <sup>2</sup>
11/02/17	Clear Law Institute Account Payable Best Practices online training on Nov. 7, 2017 - Registration for M. Snow	99.00
11/05/17	11/6/17-12/5/17 SurveyMonkey subscription	35.00
11/06/17	Lunch for team building meeting	168.91
11/06/17	California Landscape Contractors Association Technology in Landscaping training in Irvine, CA on Nov. 8, 2017 - Registration for M. Conway	40.00
11/06/17	UPS delivery charges for Board packets on Oct. 27 & Nov. 1, 2017	94.14
11/07/17	FedEx delivery charges for Metropolitan Water District on Nov. 2, 2017	13.99
11/07/17	1 Indoor security camera	130.49
11/07/17	Office supplies from Costco	372.35

**Cal Card Statement Detail**  
**Statement Date: November 22, 2017**  
**Payment Date: December 29, 2017**

<b>Date</b>	<b>Description</b>	<b>Amount</b>
11/07/17	Legislative activities in Washington, DC from Nov. 15-17, 2017 - Airfare for Director Yoo Schneider	1,147.16
11/08/17	4 Toner cartridges	210.00
11/08/17	Shutterstock Images on Demand for Public Affairs graphic designs	29.00
11/10/17	Food for staff development meeting	30.98
11/10/17	California Environmental Dialogue Plenary meeting in Sacramento, CA from Dec. 13-15, 2017 - Accommodations for Director Tamaribuchi	435.90
11/10/17	California Environmental Dialogue Plenary meeting in Sacramento, CA from Dec. 13-15, 2017 - Accommodations for R. Hunter	435.90
11/13/17	UPS delivery charges for Board packets on Nov. 3, 2017 and Poster Contest winner on Nov. 8, 2017	79.17
11/13/17	State Water Resources Control Board workshop in Sacramento, CA on Nov. 21, 2017 - Airfare for H. Baez	381.96
11/14/17	Annual digital subscription for The Sacramento Bee newspaper	99.99
11/14/17	5 Annual licenses for LastPass software	145.00
11/14/17	Shutterstock Images on Demand for Public Affairs graphic designs	29.00
11/14/17	Annual Adobe PDF Pack subscription	69.99
11/14/17	Qualified Water Efficient Landscaper Training Beta Test workshop Santa Rosa, CA from Nov. 12-14, 2017 - Accommodations for M. Conway	396.72
11/15/17	Small credit from Adobe software cancellation	(0.26)
11/15/17	Colorado River Water Users Association Annual conference in Las Vegas, NV from Dec. 13-15, 2017 - Registration and membership for M. Baum-Haley	505.00
11/15/17	Colorado River Water Users Association Annual conference in Las Vegas, NV from Dec. 13-15, 2017 - Accommodations deposit for M. Baum-Haley	152.95
11/15/17	State Water Resources Control Board workshop in Sacramento, CA on Nov. 21, 2017 - Airfare for J. Berg	411.96
11/16/17	Lunch for Managers' meeting	568.38
11/17/17	National Water Research Institute & Department of Water Resources Precipitation Forecasting workshop in Fountain Valley, CA on Dec. 5, 2017 - Registration for K. Seckel	30.00
11/18/17	National Water Research Institute & Department of Water Resources Precipitation Forecasting workshop in Fountain Valley, CA on Dec. 5, 2017 - Registration for Director Tamaribuchi	30.00
11/18/17	Legislative activities in Washington, DC from Nov. 15-17, 2017 - Accommodations for Director Yoo Schneider	402.38
11/19/17	Legislative activities in Washington, DC from Nov. 15-18, 2017 - Accommodations for Director Barbre	782.38 <span style="border: 1px solid black; padding: 0 2px;">3</span>
11/21/17	The Irrigation Association 3 online classes - Registration for M Conway	111.00



**Cal Card Statement Detail**  
**Statement Date: November 22, 2017**  
**Payment Date: December 29, 2017**

<b>Date</b>	<b>Description</b>	<b>Amount</b>
11/21/17	Annual subscription for Act! Premium contact software	1,995.00
11/21/17	100 Regal movie tickets for employee purchase	860.00
<b>Total</b>		<b><u>\$ 17,099.45</u></b>

- 1 Flights canceled, funds are available for future flights
- 2 Subscription for Acrobat Pro canceled, full refund received on 11/23/17
- 3 Director Barbre reimbursed MWDOC \$229.00

**R. Hunter Card**

10/24/17-11/22/17	Meals for R. Hunter's meetings	\$ 328.93
10/24/17	Lunch for OCWD and J. Meral meeting	179.50
11/03/17	Food for Elected Official's meeting	1,048.17
<b>Total</b>		<b><u>\$ 1,556.60</u></b>

**Municipal Water District of Orange County**  
**GM Approved Disbursement Report <sup>(1)</sup>**  
**For the month of December 2017**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>Core Disbursements:</b>				
<b>Total Core Disbursements</b>				<u>0.00</u>
<b>Choice Disbursements:</b>				
<b>Total Choice Disbursements</b>				<u>0.00</u>
<b>Other Funds Disbursements:</b>				
<b>Total Other Funds Disbursements</b>				<u>0.00</u>
<b>Total Disbursements</b>				<u><u>0.00</u></u>

**No items to report**



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

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



**Municipal Water District of Orange County**  
**Consolidated Summary of Cash and Investment**  
 November 30, 2017

Street Address:  
 18700 Ward Street  
 Fountain Valley, California 92708

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

(714) 963-3058  
 Fax: (714) 964-9389  
[www.mwdoc.com](http://www.mwdoc.com)

Brett R. Barbre  
*President*

Joan C. Finnegan  
*Vice President*

Larry D. Dick  
*Director*

Wayne S. Osborne  
*Director*

Megan Yoo Schneider  
*Director*

Sat Tamaribuchi  
*Director*

Jeffery M. Thomas  
*Director*

Robert J. Hunter  
*General Manager*

**MEMBER AGENCIES**

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

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

Fund	Book Value	% of Portfolio
<b>Designated Reserves</b>		
General Operations	\$3,156,569	20.37%
Grant & Project Cash Flow	1,500,000	9.68%
Election Expense	304,000	1.96%
Building Repair	350,407	2.26%
OPEB	209,006	1.35%
<b>Total Designated Reserves</b>	<b>5,519,982</b>	<b>35.62%</b>
<b>General Fund</b>	<b>7,551,098</b>	<b>48.74%</b>
<b>Water Fund</b>	<b>1,144,353</b>	<b>7.38%</b>
<b>Conservation Fund</b>	<b>865,341</b>	<b>5.58%</b>
<b>Desalination Feasibility Study Fund</b>	<b>(145,165)</b>	<b>(0.94%)</b>
<b>WEROC Fund</b>	<b>532,389</b>	<b>3.44%</b>
<b>Trustee Activities</b>	<b>28,470</b>	<b>0.18%</b>
<b>Total</b>	<b>\$15,496,468</b>	<b>100.00%</b>

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	0.97%	\$151,076	\$151,076
<b>Short-term investment</b>			
• LAIF	53.72%	\$8,323,878	\$8,323,878
• OCIP	25.28%	3,917,608	3,917,608
<b>Long-term investment</b>			
• Corporate Bond	7.45%	1,153,906	1,146,994
• Certificates of Deposit	12.58%	1,950,000	1,951,455
<b>Total</b>	<b>100.00%</b>	<b>\$15,496,468</b>	<b>\$15,491,011</b>

The average number of days to maturity/call as of November 30, 2017 equaled 163 and the average yield to maturity is 1.324%. During the month, the District's average daily balance was \$25,544,991.38. 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 2017.

The (\$5,457) difference between the book value and the market value on November 30, 2017 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, 2017

11/30/2017	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,950,000.00	1,951,455.50	1,950,000.00	12.71	598	1.940
Corporate Bond	1,150,000.00	1,146,993.50	1,153,905.47	7.50	1,151	2.290
Local Agency Investment Funds	8,323,878.12	8,323,878.12	8,323,878.12	54.25	1	1.165
Orange County Investment Pool	3,917,608.17	3,917,608.17	3,917,608.17	25.54	1	1.070
<b>Total Investments</b>	<b>15,341,486.29</b>	<b>15,339,935.29</b>	<b>15,345,391.76</b>	<b>100.00</b>	<b>163</b>	<b>1.324</b>

<b>Cash</b>						
Cash	151,076.10	151,076.10	151,076.10		1	0.00
<b>Total Cash and Investments</b>	<b>15,492,562.39</b>	<b>15,491,011.39</b>	<b>15,496,467.86</b>		<b>163</b>	<b>1.324</b>

<b>Total Earnings</b>	<b>Month Ending November</b>	<b>Fiscal Year to Date</b>
Current Year	25,098.60	124,527.52
Average Daily Balance	25,544,991.38	
Effective Rate of Return	1.324%	

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

1-4-18

  
Hilary Chumipitazi, Treasurer

Date

01/04/2018

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Long-Term Portfolio Details - Investments**  
**November 30, 2017**

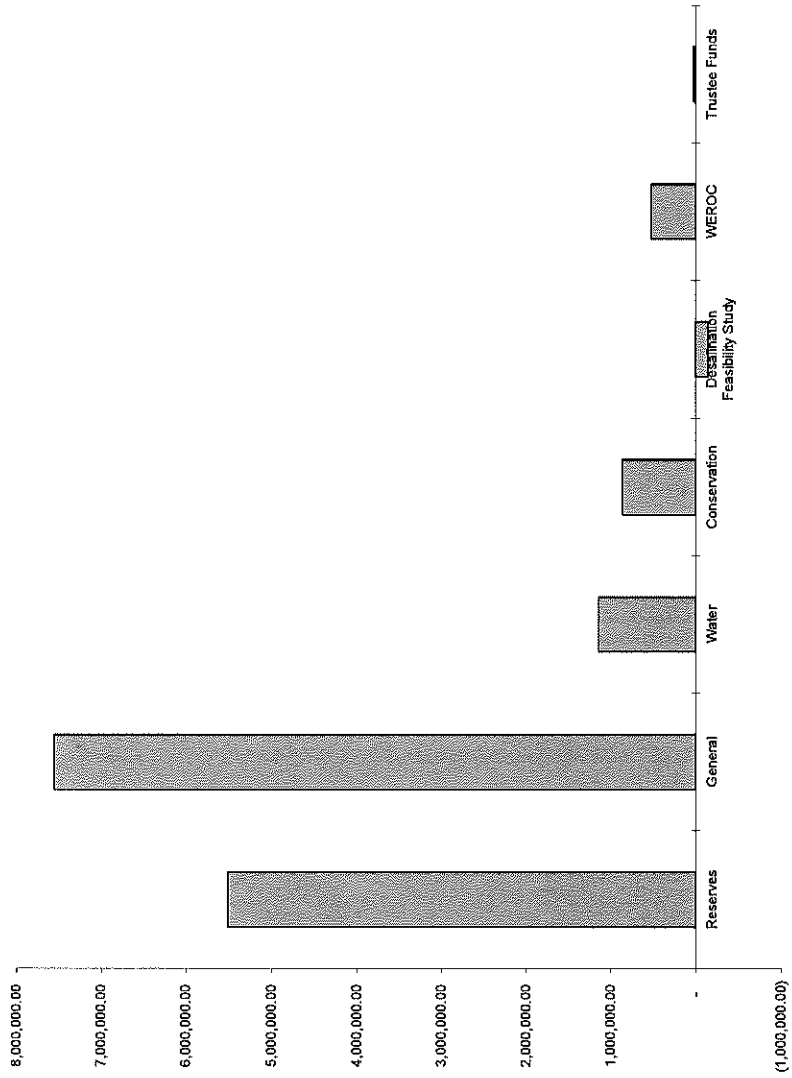
Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Negotiable Certificate Of Deposit</b>									
American Express Bank	02587CEA4	7/29/2015	250,000.00	250,122.50	250,000.00	1.450	1.450	60	1/29/2018
Barclays Bank	06740KKY2	9/27/2017	250,000.00	248,830.00	250,000.00	2.250	2.250	1,762	9/27/2022
Capital One Bank	14042E6C9	9/2/2015	250,000.00	251,365.00	250,000.00	1.950	1.950	642	9/3/2019
Capital One Natl Assn	140420TY6	8/5/2015	250,000.00	250,257.50	250,000.00	1.700	1.700	249	8/6/2018
Comenity Capital Bank	20033AUX2	7/25/2017	200,000.00	199,258.00	200,000.00	2.000	2.000	1,324	7/16/2021
Discover Bank	2546712Y5	7/23/2014	250,000.00	250,217.50	250,000.00	1.600	1.600	235	7/23/2018
HSBC Bank	40434AKG5	1/21/2016	250,000.00	250,137.50	250,000.00	1.550	2.534	52	1/21/2021
Synchrony Bank	87164XBY1	7/25/2014	250,000.00	251,267.50	250,000.00	2.050	2.050	607	7/30/2019
<b>Sub Total</b>			<b>1,950,000.00</b>	<b>1,951,455.50</b>	<b>1,950,000.00</b>	<b>1.814</b>	<b>1.940</b>	<b>598</b>	
<b>Corporate Bond</b>									
JP Morgan Chase	46625HKA7	11/2/2015	500,000.00	499,590.00	500,998.42	2.250	2.152	753	1/23/2020
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	197,638.00	200,000.00	2.500	2.500	1,688	7/15/2022
Wells Fargo	94974BGR5	1/13/2016	250,000.00	250,727.50	250,993.62	2.550	2.409	1,103	12/7/2020
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	199,038.00	201,913.43	2.500	2.278	1,671	6/28/2022
<b>Sub Total</b>			<b>1,150,000.00</b>	<b>1,146,993.50</b>	<b>1,153,905.47</b>	<b>2.402</b>	<b>2.290</b>	<b>1,151</b>	
<b>Total Investments</b>			<b>3,100,000.00</b>	<b>3,098,449.00</b>	<b>3,103,905.47</b>	<b>2.032</b>	<b>2.070</b>	<b>803</b>	
<b>Total Earnings</b>									
Current Year		Month Ending November	5,033.33	Fiscal Year To Date	25,044.58				

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Short-Term Portfolio Details - Cash and Investments**  
**November 30, 2017**

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Local Agency Investment Funds</b>									
LAIF LGIP	LAIF	6/30/2010	8,323,878.12	8,323,878.12	8,323,878.12	1.165	1.165	1	N/A
<b>Sub Total</b>			<b>8,323,878.12</b>	<b>8,323,878.12</b>	<b>8,323,878.12</b>	<b>1.165</b>	<b>1.165</b>	<b>1</b>	
<b>Orange County Investment Pool</b>									
County of Orange LGIP	OCIP	6/29/2005	3,917,608.17	3,917,608.17	3,917,608.17	1.070	1.070	1	N/A
<b>Sub Total</b>			<b>3,917,608.17</b>	<b>3,917,608.17</b>	<b>3,917,608.17</b>	<b>1.070</b>	<b>1.070</b>	<b>1</b>	
<b>Total Investments</b>			<b>12,241,486.29</b>	<b>12,241,486.29</b>	<b>12,241,486.29</b>	<b>1.135</b>	<b>1.135</b>		
<b>Cash</b>									
Bank of America Cash	CASH0547	7/1/2011	150,576.10	150,576.10	150,576.10	0.000	0.000	1	N/A
Petty Cash Cash	CASH	7/1/2011	500.00	500.00	500.00	0.000	0.000	1	N/A
<b>Total Cash</b>			<b>151,076.10</b>	<b>151,076.10</b>	<b>151,076.10</b>	<b>0.000</b>	<b>0.000</b>	<b>1</b>	
<b>Total Cash and Investments</b>			<b>12,392,562.39</b>	<b>12,392,562.39</b>	<b>12,392,562.39</b>	<b>1.135</b>	<b>1.135</b>	<b>1</b>	
<b>Total Earnings</b>									
Current Year		Month Ending November	Fiscal Year To Date						
		20,065.27	99,482.94						

**Municipal Water District of Orange County  
Cash and Investments at November 30, 2017**

ALLOCATION	AMOUNT	%
<b>MWDOC</b>		
Designated Reserves		
General	\$ 3,156,569	20.37%
Grant & Project Cash Flow	1,500,000	9.68%
Election Expense	304,000	1.96%
Building Repair	350,407	2.26%
OPEB	209,006	1.35%
Total Designated Reserves	5,519,982	35.62%
General	7,551,098	48.74%
Water	1,144,353	7.38%
Conservation	865,341	5.58%
Desalination Feasibility Study	(145,165)	-0.94%
WEROC	532,389	3.44%
<b>TOTAL MWDOC</b>	<b>\$ 15,467,998</b>	<b>99.82%</b>
<b>TRUSTEE ACTIVITIES</b>		
AMP Sales Admin	\$ 28,470	0.18%
<b>TOTAL TRUSTEE ACTIVITIES</b>	<b>\$ 28,470</b>	<b>0.18%</b>
<b>TOTAL CASH &amp; INVESTMENTS</b>	<b>\$ 15,496,468</b>	<b>100.00%</b>





**MUNICIPAL WATER DIST OF ORANGE COUNTY**  
**PARS OPEB Trust Program****Account Report for the Period**  
**11/1/2017 to 11/30/2017**Rob Hunter  
General Manager  
Municipal Water Dist of Orange County  
18700 Ward Street  
Fountain Valley, CA 92708**Account Summary**

Source	Beginning Balance as of 11/1/2017	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 11/30/2017
OPEB	\$2,038,922.13	\$0.00	\$20,398.03	\$904.98	\$0.00	\$0.00	\$2,058,415.18
<b>Totals</b>	<b>\$2,038,922.13</b>	<b>\$0.00</b>	<b>\$20,398.03</b>	<b>\$904.98</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$2,058,415.18</b>

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

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

**Investment Return**

1-Month	3-Months	1-Year	Annualized Return			Plan's Inception Date
			3-Years	5-Years	10-Years	
1.00%	3.07%	13.24%	5.88%	7.61%	-	10/26/2011

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

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

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

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



# Item No. 3e

## Municipal Water District of Orange County WATER USE EFFICIENCY PROJECTS Cash Flow as of 12/31/17

	Jul 2017	Aug 2017	Sep 2017	Oct 2017	Nov 2017	Dec 2017	Jan 2018	Feb 2018	Mar 2018	Apr 2018	May 2018	Jun 2018	TOTALS
<b>Cash - Beginning Balance</b>	<b>\$ (72,844.08)</b>	<b>\$ (133,020.86)</b>	<b>\$ (151,184.71)</b>	<b>\$ (326,302.43)</b>	<b>\$ 801,456.49</b>	<b>\$ 865,340.16</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	
<b>REVENUES:</b>													
BUREC					200,757.65								\$ 200,757.65
City of Brea													-
City of Buena Park		222.00		111.00		333.00							666.00
City of Fountain Valley	333.00	444.00	424.05	222.00		222.00							1,645.05
City of Fullerton													-
City of Garden Grove		888.00	222.00	444.00		222.00							1,776.00
City of Huntington Beach	264.00	379.00	427.19			9.86							1,080.05
City of La Habra		555.00		111.00									666.00
City of San Clemente	1,304.96	233.00	6,460.97	6,044.00	3,419.79								17,462.72
City of San Juan Capistrano													-
City of Tustin													-
City of Newport Beach	406.31	222.00			222.00								850.31
City of Orange	444.00	555.00	333.00		555.00	111.00							1,998.00
City of Westminster		888.00	333.00	444.00	444.00								2,109.00
County of Orange				1,096,511.49									1,096,511.49
Department of Water Resources		1,444.63	15,468.35	9,716.20	2,630.00	35,676.91							62,306.09
El Toro Water District	3,093.98	50.00	1,137.96	1,000.00		1,350.77							9,262.71
Golden State Water Company													-
Irvine Ranch Water District	38,717.96	129,174.28	12,348.45	184,823.79	37,097.77								402,162.25
Laguna Beach County Water District	85.00	90.00		110.00	30.00								315.00
Mesa Water District		500.00											500.00
Metropolitan Water District		25,735.53											25,735.53
Moulton Niguel Water District	37,634.08	3,800.00	14,408.25	38,738.51	27,516.79	31,071.51							153,169.14
Orange County Water District		5,510.86	776.06	32,475.75									38,762.67
Santa Margarita Water District	57.32	197.95		924.98		85.00							1,265.25
Serrano Water District													-
Trabuco Canyon Water District	201.00	39.00	219.99	400.00									859.99
Yorba Linda Water District													-
<b>Miscellaneous Revenues</b>													-
Miscellaneous				810.82									810.82
Interest Revenue	417.16												417.16
<b>Total Revenues</b>	<b>82,968.77</b>	<b>170,928.25</b>	<b>52,559.27</b>	<b>1,372,887.54</b>	<b>272,673.00</b>	<b>69,082.05</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 2,021,088.88</b>
<b>EXPENDITURES:</b>													
Budget Based Tiered Rates, Raftelis		59,356.00		7,271.08		1,893.75							68,520.83
DeLorenzo International		5,050.50											5,050.50
Ecotech	900.00	10,275.00	6,750.00	13,500.00	13,500.00	10,500.00							55,425.00
Golden State Water Company	80.00												80.00
City of Huntington Beach					46,172.00								46,172.00
Laguna Beach CWD	480.00				13,676.40								14,156.40
Metropolitan Water District	29,129.40		118,745.58	70,931.38	26,485.72	27,322.22							272,614.30
Mission RCD		17,627.75	33,812.14	17,041.96		17,525.35							86,007.20
Recycled Water On Site Retrofit program					9,997.00								9,997.00
Spillway to Drip program			1,155.58	525.00	34,530.53	750.00							36,961.11
Turf Removal	60,861.15	96,782.85	63,442.87	135,566.22	64,427.68	97,458.78							518,539.55
Vulco, Inc			500.00										500.00
Western National Property Management	51,300.00												51,300.00
<b>Miscellaneous Expenses</b>													
Intergest Expense				292.98									292.98
Salary & Benefit	130.00		3,270.82										3,400.82
<b>Total Expenditures</b>	<b>143,135.55</b>	<b>189,092.10</b>	<b>227,676.99</b>	<b>245,128.62</b>	<b>208,789.33</b>	<b>155,450.10</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 1,169,272.69</b>
<b>Cash - Ending Balance</b>	<b>\$ (133,020.86)</b>	<b>\$ (151,184.71)</b>	<b>\$ (326,302.43)</b>	<b>\$ 801,456.49</b>	<b>\$ 865,340.16</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	<b>\$ 778,972.11</b>	

**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**COMBINED FINANCIAL STATEMENTS**  
**AND**  
**BUDGET COMPARATIVE**  
**JULY 1, 2017 THRU NOVEMBER 30, 2017**

**Municipal Water District of Orange County  
Combined Balance Sheet  
As of November 30, 2017**

<b><u>ASSETS</u></b>	<b>Amount</b>
Cash in Bank	151,076.10
Investments	15,345,391.76
Accounts Receivable	28,538,060.14
Accounts Receivable - Other	168,057.54
Accrued Interest Receivable	61,017.88
Prepays/Deposits	274,391.32
Leasehold Improvements	3,695,600.68
Furniture, Fixtures & Equipment	457,309.71
Less: Accum Depreciation	(2,793,278.94)
Net OPEB Asset	483,546.00
	<hr/>
<b>TOTAL ASSETS</b>	<b>\$46,381,172.19</b>
	<hr/>
<b><u>LIABILITIES AND FUND BALANCES</u></b>	
<b>Liabilities</b>	
Accounts Payable	28,572,287.85
Accounts Payable - Other	483.31
Accrued Salaries and Benefits Payable	390,602.28
Other Liabilities	147,001.76
Unearned Revenue	1,714,185.93
Total Liabilities	30,824,561.13
	<hr/>
<b>Fund Balances</b>	
Restricted Fund Balances	
Water Fund - T2C	975,268.91
Total Restricted Fund Balances	975,268.91
	<hr/>
Unrestricted Fund Balances	
OPEB Related Asset Fund	483,546.00
	<hr/>
Designated Reserves	
General Operations	3,156,569.42
Grant & Project Cash Flow	1,500,000.00
Election Expense	304,000.00
Building Repair	350,407.45
OPEB	209,006.00
Total Designated Reserves	5,519,982.87
	<hr/>
GENERAL FUND	2,406,699.97
WEROC Capital	281,657.00
WEROC	144,717.31
Total Unrestricted Fund Balances	8,836,603.15
	<hr/>
Excess Revenue over Expenditures	
Operating Fund	5,970,625.69
Other Funds	(225,886.69)
Total Fund Balance	15,556,611.06
	<hr/>
<b>TOTAL LIABILITIES AND FUND BALANCES</b>	<b>\$46,381,172.19</b>
	<hr/>

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

	<b>Month to Date</b>	<b>Year to Date</b>	<b>Annual Budget</b>	<b>% Used</b>	<b>Encumbrance</b>	<b>Budget Remaining</b>
<b><u>REVENUES</u></b>						
Retail Connection Charge	0.00	7,435,834.00	7,435,834.00	100.00%	0.00	0.00
Ground Water Customer Charge	0.00	468,565.00	468,565.00	100.00%	0.00	0.00
Water rate revenues	0.00	7,904,399.00	7,904,399.00	100.00%	0.00	0.00
Interest Revenue	23,339.49	119,646.35	150,000.00	79.76%	0.00	30,353.65
Subtotal	23,339.49	8,024,045.35	8,054,399.00	99.62%	0.00	30,353.65
Choice Programs	0.00	1,094,256.07	1,176,618.00	93.00%	0.00	82,361.93
Miscellaneous Income	0.00	1,445.52	3,000.00	48.18%	0.00	1,554.48
School Contracts	10,913.24	37,269.44	70,000.00	53.24%	0.00	32,730.56
Transfer-In From Reserve	0.00	0.00	138,470.00	0.00%	0.00	138,470.00
Subtotal	10,913.24	1,132,971.03	1,388,088.00	81.62%	0.00	255,116.97
<b>TOTAL REVENUES</b>	<b>34,252.73</b>	<b>9,157,016.38</b>	<b>9,442,487.00</b>	<b>96.98%</b>	<b>0.00</b>	<b>285,470.62</b>

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

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<b><u>EXPENSES</u></b>						
Salaries & Wages	260,272.96	1,378,185.99	3,571,210.00	38.59%	0.00	2,193,024.01
Salaries & Wages - Grant Recovery	0.00	(2,403.18)	(23,279.00)	10.32%	0.00	(20,875.82)
Salaries & Wages - Recovery	0.00	(436.80)	0.00	0.00%	0.00	436.80
Directors' Compensation	18,950.95	87,683.50	243,197.00	36.05%	0.00	155,513.50
MWD Representation	9,899.75	51,195.85	138,969.00	36.84%	0.00	87,773.15
Employee Benefits	75,898.19	397,945.16	1,056,766.00	37.66%	0.00	658,820.84
Employee Benefits - Grant Recovery	0.00	(477.64)	0.00	0.00%	0.00	477.64
Employee Benefits - Recovery	0.00	(83.20)	0.00	0.00%	0.00	83.20
Director's Benefits	6,845.37	33,906.77	81,728.00	41.49%	0.00	47,821.23
Health Ins \$'s for Retirees	3,296.76	21,523.84	59,554.00	36.14%	0.00	38,030.16
Training Expense	99.00	494.00	10,000.00	4.94%	0.00	9,506.00
Tuition Reimbursement	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Temporary Help Expense	0.00	4,775.18	5,000.00	95.50%	0.00	224.82
Personnel Expenses	375,262.98	1,972,309.47	5,148,145.00	38.31%	0.00	3,175,835.53
Engineering Expense	10,992.40	66,474.84	360,000.00	18.47%	81,063.68	212,461.48
Legal Expense	7,598.70	80,993.82	250,000.00	32.40%	169,006.18	0.00
Audit Expense	0.00	19,000.00	40,000.00	47.50%	0.00	21,000.00
Professional Services	56,430.28	251,789.57	1,539,809.00	16.35%	559,580.15	728,439.28
Professional Fees	75,021.38	418,258.23	2,189,809.00	19.10%	809,650.01	961,900.76
Conference-Staff	1,341.00	7,743.46	38,945.00	19.88%	0.00	31,201.54
Conference-Directors	1,160.00	5,986.00	23,700.00	25.26%	0.00	17,714.00
Travel & Accom.-Staff	3,603.42	15,474.53	95,600.00	16.19%	0.00	80,125.47
Travel & Accom.-Directors	3,817.30	7,069.56	49,850.00	14.18%	0.00	42,780.44
Travel & Conference	9,921.72	36,273.55	208,095.00	17.43%	0.00	171,821.45
Membership/Sponsorship	6,872.00	114,953.60	142,102.00	80.90%	0.00	27,148.40
CDR Support	10,950.64	21,901.28	48,803.00	44.88%	21,901.29	5,000.43
Dues & Memberships	17,822.64	136,854.88	190,905.00	71.69%	21,901.29	32,148.83
Business Expense	419.10	2,287.49	5,200.00	43.99%	0.00	2,912.51
Maintenance Office	13,531.96	40,092.94	123,500.00	32.46%	82,447.06	960.00
Building Repair & Maintenance	1,949.92	14,474.56	11,000.00	131.59%	653.44	(4,128.00)
Storage Rental & Equipment Lease	195.29	974.50	8,400.00	11.60%	4,025.50	3,400.00
Office Supplies	1,563.28	7,370.83	35,580.00	20.72%	2,598.32	25,610.85
Postage/Mail Delivery	703.63	3,036.99	10,500.00	28.92%	2,674.83	4,788.18
Subscriptions & Books	99.99	523.58	1,500.00	34.91%	0.00	976.42
Reproduction Expense	0.00	4,124.40	27,275.00	15.12%	2,734.88	20,415.72
Maintenance-Computers	130.49	1,008.57	10,000.00	10.09%	1,754.27	7,237.16
Software Purchase	1,994.74	9,480.75	44,260.00	21.42%	0.00	34,779.25
Software Support	1,424.66	22,052.73	48,894.00	45.10%	0.00	26,841.27
Computers and Equipment	645.29	10,284.17	33,050.00	31.12%	4,754.57	18,011.26
Automotive Expense	1,691.84	7,103.20	16,400.00	43.31%	0.00	9,296.80
Toll Road Charges	74.97	357.09	1,000.00	35.71%	0.00	642.91
Insurance Expense	9,138.13	44,849.04	110,250.00	40.68%	0.00	65,400.96
Utilities - Telephone	1,494.89	6,758.29	21,300.00	31.73%	0.00	14,541.71
Bank Fees	(200.00)	4,218.97	11,000.00	38.35%	0.00	6,781.03
Miscellaneous Expense	5,185.89	30,039.59	119,650.00	25.11%	0.00	89,610.41
MWDOC's Contrb. To WEROC	14,934.75	356,330.75	460,874.00	77.32%	0.00	104,543.25
Depreciation Expense	794.41	3,972.03	0.00	0.00%	0.00	(3,972.03)
Other Expenses	55,773.23	569,340.47	1,099,633.00	51.78%	101,642.87	428,649.66
MWDOC's Building Expense	16,990.00	39,617.00	356,400.00	11.12%	45,304.85	271,478.15
Capital Acquisition	830.00	13,737.09	249,500.00	5.51%	400.00	235,362.91
TOTAL EXPENSES	551,621.95	3,186,390.69	9,442,487.00	33.75%	978,899.02	5,277,197.29
<b>NET INCOME (LOSS)</b>	<b>(517,369.22)</b>	<b>5,970,625.69</b>	<b>0.00</b>			

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

	<b>Month to Date</b>	<b>Year to Date</b>	<b>Annual Budget</b>	<b>% Used</b>	<b>Budget Remaining</b>
<b><u>WATER REVENUES</u></b>					
Water Sales	6,676,702.30	86,541,542.90	154,733,881.00	55.93%	68,192,338.10
Readiness to Serve Charge	863,419.18	4,317,095.90	10,397,278.00	41.52%	6,080,182.10
Capacity Charge CCF	295,400.00	1,477,000.00	3,544,800.00	41.67%	2,067,800.00
SCP/SAC Pipeline Surcharge	25,792.21	153,116.41	423,000.00	36.20%	269,883.59
Interest	885.01	4,322.59	9,400.00	45.99%	5,077.41
<b>TOTAL WATER REVENUES</b>	<b>7,862,198.70</b>	<b>92,493,077.80</b>	<b>169,108,359.00</b>	<b>54.69%</b>	<b>76,615,281.20</b>
<b><u>WATER PURCHASES</u></b>					
Water Sales	6,676,702.30	86,541,542.90	154,733,881.00	55.93%	68,192,338.10
Readiness to Serve Charge	863,419.18	4,317,095.90	10,397,278.00	41.52%	6,080,182.10
Capacity Charge CCF	295,400.00	1,477,000.00	3,544,800.00	41.67%	2,067,800.00
SCP/SAC Pipeline Surcharge	25,792.21	153,116.41	423,000.00	36.20%	269,883.59
<b>TOTAL WATER PURCHASES</b>	<b>7,861,313.69</b>	<b>92,488,755.21</b>	<b>169,098,959.00</b>	<b>54.70%</b>	<b>76,610,203.79</b>
<b>EXCESS OF REVENUE OVER EXPENDITURES</b>	<b>885.01</b>	<b>4,322.59</b>	<b>9,400.00</b>		

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

	Year to Date Actual	Annual Budget	% Used
<b>Spray To Drip Conversion</b>			
Revenues	50,558.17	257,371.00	19.64%
Expenses	51,795.84	257,371.00	20.12%
Excess of Revenues over Expenditures	(1,237.67)	0.00	
<b>Member Agency Administered Passthru</b>			
Revenues	0.00	7,200.00	0.00%
Expenses	0.00	7,200.00	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
<b>ULFT Rebate Program</b>			
Revenues	11,333.11	95,000.00	11.93%
Expenses	13,723.15	95,000.00	14.45%
Excess of Revenues over Expenditures	(2,390.04)	0.00	
<b>HECW Rebate Program</b>			
Revenues	113,087.85	340,000.00	33.26%
Expenses	143,071.88	340,000.00	42.08%
Excess of Revenues over Expenditures	(29,984.03)	0.00	
<b>CII Rebate Program</b>			
Revenues	109,230.00	345,000.00	31.66%
Expenses	109,230.00	345,000.00	31.66%
Excess of Revenues over Expenditures	-	0.00	
<b>Turf Removal Program</b>			
Revenues	80,240.43	2,552,302.00	3.14%
Expenses	420,918.83	2,552,302.00	16.49%
Excess of Revenues over Expenditures	(340,678.40)	0.00	
<b>Comprehensive Landscape (CLWUE)</b>			
Revenues	19,995.47	520,000.00	3.85%
Expenses	103,809.06	520,000.00	19.96%
Excess of Revenues over Expenditures	(83,813.59)	0.00	
<b>CII, Large Landscape, Performance (OWOW)</b>			
Revenues	0.00	62,722.00	0.00%
Expenses	2,147.00	62,722.00	3.42%
Excess of Revenues over Expenditures	(2,147.00)	0.00	
<b>WUE Projects</b>			
Revenues	384,445.03	4,179,595.00	9.20%
Expenses	844,695.76	4,179,595.00	20.21%
Excess of Revenues over Expenditures	(460,250.73)	0.00	
<b>WEROC</b>			
Revenues	539,262.57	640,933.00	84.14%
Expenses	158,514.13	640,933.00	24.73%
Excess of Revenues over Expenditures	380,748.44	0.00	



**CONSENT CALENDAR ITEM**

January 17, 2018

**TO:** Board of Directors

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

Robert J. Hunter, General Manager

**Staff Contact:** Patricia Meszaros

**SUBJECT: ACWA DC CONFERENCE – FEBRUARY 27-MARCH 1, 2018**

**STAFF RECOMMENDATION**

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It is recommended that the Board of Directors approve an additional attendee (Board) to the ACWA DC Conference.

**COMMITTEE RECOMMENDATION**

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Committee concurred with staff recommendation.

**DETAILED REPORT**

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The FY 2017-18 Budget allows for two (2) directors to attend the ACWA DC Conference, however, three (3) directors have requested to attend. As a result, and because the Administrative Code (1405 Director Authorization to Travel) requires board approval for out of state travel, staff is requesting Board approval for additional Board members who wish to attend the conference in DC.

Staff believes there are sufficient funds in the travel budget to cover three attendees to the conference.

<b>Budgeted (Y/N): Yes*</b>	Budgeted amount: \$9435	Core ____	Choice ____
<b>Action item amount: *\$3000 (approximately per person)</b>	Line item:		
<b>Fiscal Impact (explain if unbudgeted):</b>			



# GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES JANUARY 2018

<p><b>Managers' Meeting</b></p>	<p>MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on December 21, 2017. In attendance were Samuel Kim (Garden Grove); David Spitz (Seal Beach); Hector Ruiz (Trabuco Canyon); Steve Conklin (Yorba Linda); Mike Grisso (Buena Park); Lisa Ohlund (EOCWD); Mark Sprague (Fountain Valley); Paul Cook and Paul Weghorst (IRWD); David Spitz (Seal Beach); Jerry Vilander (Serrano Water); and Karl Seckel; Charles Busslinger; Kevin Hostert; Melissa Baum-Haley; Heather Baez; Joe Berg; Chris Lingad; Damon Micalizzi; and myself of staff.</p> <p>The agenda included the following:</p> <ol style="list-style-type: none"> <li>1. MWDOC Budget Process</li> <li>2. School Program Choice Commitments due February 2018</li> <li>3. Federal and State Funding Request for Projects</li> <li>4. SWRCB "Wasteful Water Use" Regulations</li> <li>5. Conservation Legislation AB 1668 and SB 606; and SB 623 Update</li> </ol> <p>The next meeting is tentatively scheduled for January 18, 2018.</p>
<p><b>WaterFix - Habitat Restoration</b></p>	<p>Several discussions and conference calls were held with Director Sat Tamaribuchi; OC Coastkeeper Garry Brown; Steve Arakawa from MET; Dr. Peter Moyle from UC Davis Watershed Sciences; and Karl and I to discuss habitat restoration relative to the California WaterFix and EcoRestore and other efforts. Dr. Moyle is preparing a white paper on the subject for OC Coastkeeper.</p>

## MET ITEMS CRITICAL TO ORANGE COUNTY

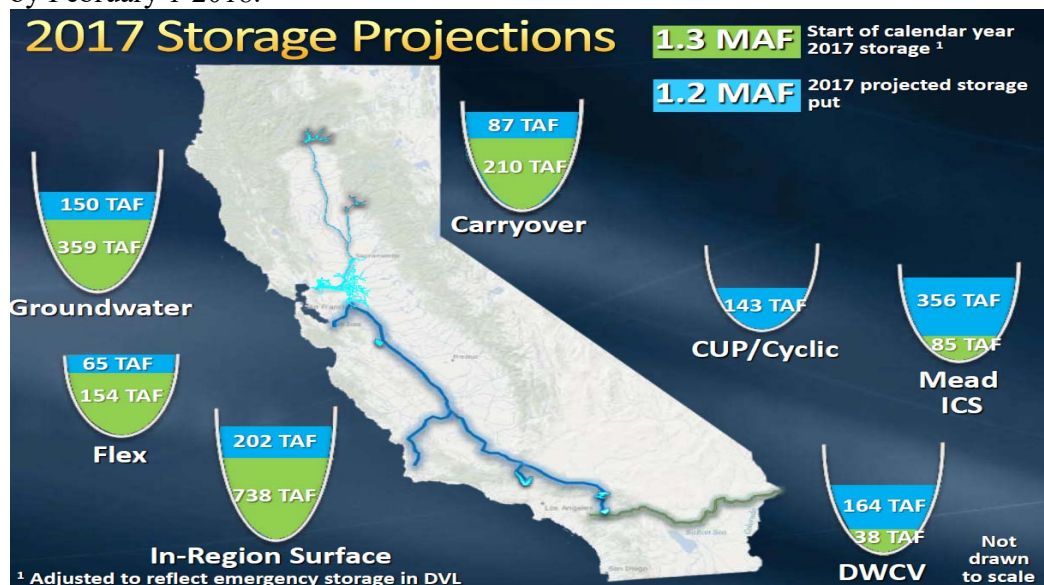
### MET's Water Supply Conditions

#### 2017 Water Supply Balance

With the Department of Water Resources (DWR) setting the State Water Project (SWP) "Table A" allocation at 85%, Metropolitan will have approximately 1.624 million acre-feet (MAF) in SWP deliveries this water year. In addition, Metropolitan has received approximately 124 TAF of Article 21 supplies through September. On the Colorado River system, MET estimates a total delivery of 960 TAF.

MET is projecting that supplies will exceed demand levels in CY 2017. With a current demand trend of 1.46 MAF, MET is expected to increase their dry-year supplies by 1.2 MAF, which is the highest they have ever stored. Based on this estimated recovery and a beginning dry-year storage balance of 1.3 MAF, this will bring MET's total dry-year storage to 2.5 MAF.

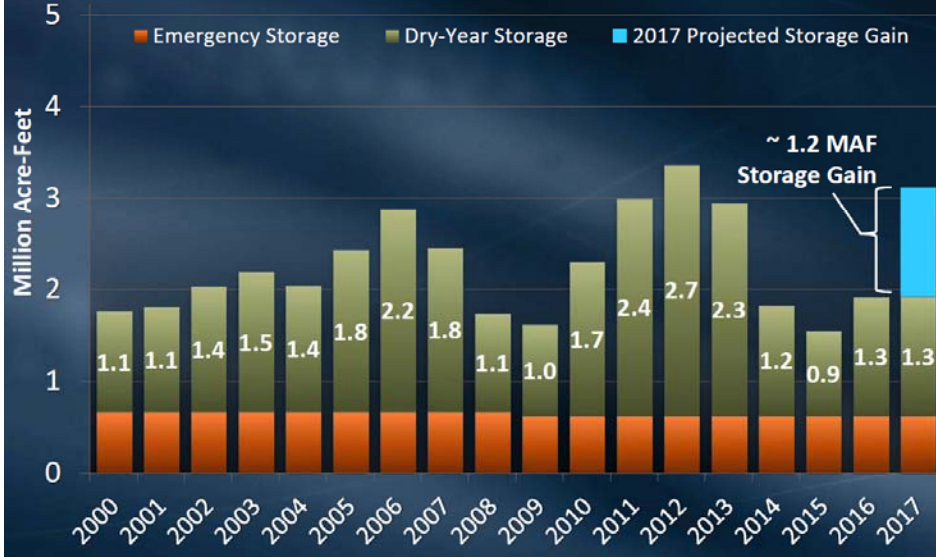
Limitations with recharging groundwater basins due to the "suspect" of quagga mussels and to secure all of the available imported water supplies for 2017, the MET Board approved last month a one-year In-Lieu storage program. The purpose of this program is to store additional imported water locally that would have been otherwise been lost if no action was taken. For November 2017, MWDOC (along with Anaheim, Fullerton and Santa Ana) have requested that MET certify 11,264 AF of imported treated deliveries as In-Lieu. In-Lieu deliveries for December 2017 are estimated to be around 7,000 AF to 10,000 AF. Due to abnormally dry conditions throughout the state in December there is a possibility the In Lieu program could end by February 1, 2018.



### MET's Water Supply Conditions (Cont'd.)

## Metropolitan is Forecasting an Increase in Storage Reserves this Year

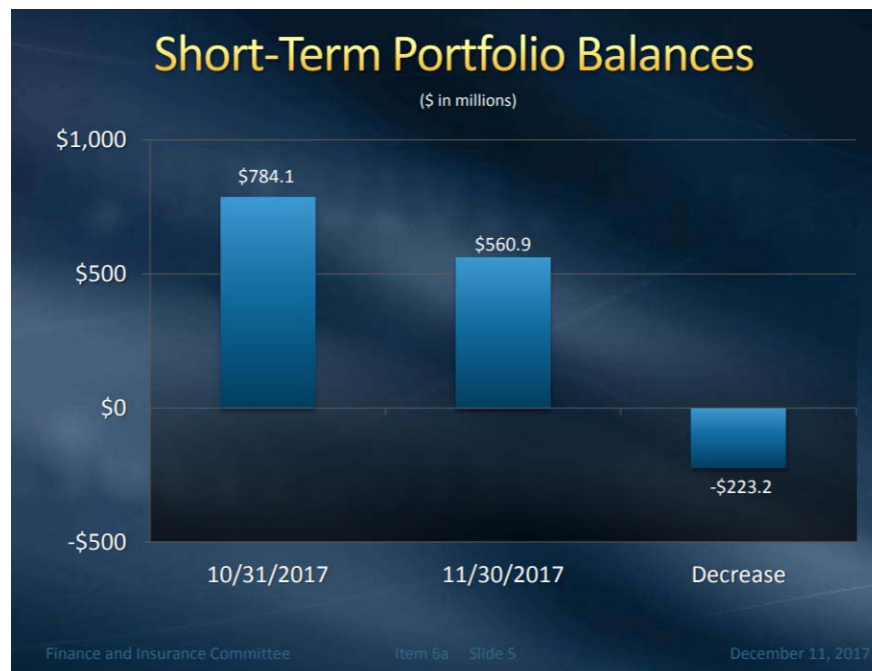
End of Year Balances



### MET's Finance and Rate Issues

#### MET Financial Report

The financial portfolio performance report through November 30, 2017 resulted in a short-term portfolio with a market value of \$560.9 million, a decrease of \$223.2 million since October 31, 2017. From inception, the short-term portfolio has outperformed the benchmark by 0.56%.



<b>MET's Finance and Rate Issues</b>	<p>For November, the total return of the long-term portfolio resulted in a \$0.7 million decrease from October 2017; although for the month of November, the long-term portfolio outperformed the benchmark by 0.09%. From inception, the long term portfolio has outperformed the benchmark by 0.30%.</p> <p>Water transactions through November 30, 2017 were 163.0 TAF lower than budgeted and 170.2 TAF lower than the 5-year average. Low sales in November remain due to decreased untreated water sales, in comparison to both the budget and prior year actual sales. While sales through November 2017 are \$107.1 million lower than budgeted, they are only \$37.1 million lower than November 2016.</p>
<b>Colorado River Issues</b>	<p><b><u>State Water Resources Control Board Modifies WRO 2002-0013</u></b></p> <p>The State Water Resources Control Board (SWRCB) voted in favor of the Salton Sea Management Program and the Stipulated Order for Future Action by the State Water Board on Tuesday, November 7, 2017. At its meeting, the SWRCB received additional input regarding the Salton Sea Management Program and the Draft Stipulated Order and asked Imperial Irrigation District (IID) and the other stipulating parties to make some additional edits before the vote. Metropolitan submitted written comments and the General Manager provided oral comments at the meeting to convey Metropolitan's support for the draft stipulated order, while reserving all rights and prior positions. The SWRCB voted unanimously in favor of the Stipulated Order.</p> <p>The Order notes that delivery of mitigation water to the Salton Sea will end on December 21, 2017 and that the mitigation measures identified in IID's EIR on the Water Conservation and Transfer Project, which includes a four-step air quality plan, will continue to be implemented.</p> <p>New provisions added to WRO 2002-0013:</p> <ul style="list-style-type: none"> <li>• Find that restoration of a smaller Salton Sea is feasible.</li> <li>• Provide that the State of California lead and coordinate management efforts and implementation of projects for human health and the environment.</li> <li>• Note that successful management of the Salton Sea will require participation by a range of state, local and federal governmental entities, as well as non-governmental organizations.</li> <li>• Find that cooperation of non-governmental land owners will be needed to secure rights of way for conveyance structures.</li> <li>• Establish restoration milestones to address human health and environmental concerns which set annual targets for habitat and dust-suppression projects on a specified number of acres of exposed playa from 2019 – 2029.</li> <li>• State that no less than 50 percent of those acres will provide habitat benefits for fish and wildlife.</li> </ul>

<b>Colorado River Issues (Cont'd.)</b>	<ul style="list-style-type: none"> <li>• Provide that the California Natural Resources Agency will develop subsequent 10-year restoration management plans, with stakeholder coordination, beginning no later than midway through the current plan.</li> <li>• Require the Board to hold an annual public meeting, no later than March 31, to receive oral and written comments on the status of the Salton Sea Restoration.</li> <li>• Reserve the Board's jurisdiction to make further amendments to WRO 2002-0013 "to ensure Salton Sea Restoration throughout the term of the QSA through its continuing jurisdiction under this Order."</li> </ul> <p><b><u>MWD Approves IID's Requests to Store Conserved Water</u></b>  In response to IID's October 27, 2017 request for MET to store conserved water in 2017, on November 28 MET approved storing up to 69,000 acre-feet of conserved water on behalf of IID, provided Metropolitan can modify its operations to manage or store all of its Colorado River supplies this year. IID would store water with MET in the final year of a three-year agreement in which MET agreed to store increased amounts of conserved water generated by IID. The water is subject to a 5 to 10 percent storage loss that would be provided to MET, and would be returned at IID's request in a future year. The exact amount of water IID would store with MET will not be known until May of 2019 when the conservation numbers have been reviewed and agreed to by MET staff.</p>
<b>Bay Delta/State Water Project Issues</b>	<p><b><u>California WaterFix</u></b>  Since Metropolitan's Board action in October to approve participation in the CA WaterFix project, support continues from State Water Project contractors for CA WaterFix. Metropolitan staff is continuing its engagement with DWR and other public water agencies on the best strategy for optimizing implementation, possible financing structures, and other cost/benefit tools, such as long-term transfers.</p> <p>The California WaterFix Petition proceedings before the SWRCB are ongoing. Part 2 of the hearings will address the effects of the proposed project on fish and wildlife, including consideration of appropriate Delta flow criteria. Opening briefs for Part 2 were due November 30, and Part 2 of the California WaterFix hearing will commence January 18, 2018.</p> <p><b><u>State Water Resources Control Board</u></b>  In October 2017, the State Water Resources Control Board (SWRCB) issued a notice to solicit stakeholder input to the development of the program of implementation for the Phase II Update to the Bay-Delta Water Quality Control Plan, and released their final Phase II Scientific Basis Report. The Phase II update addresses inflows to the Sacramento River and Delta, and Delta outflows, and it is focused on protection of fish and wildlife beneficial uses. MET staff worked with the State Water Contractors (SWC) to submit written comments to the SWRCB on November 9. The comments address the SWRCB's request</p>

<b>Bay Delta/State Water Project Issues (Cont'd.)</b>	<p>for input on the program of implementation and state that it is premature to discuss implementation since the description of the Metropolitan staff proposal lacks sufficient detail. The SWC comments also address remaining concerns with the Phase II report including the need to address scientific uncertainty and incorporate more recent relevant scientific literature</p> <p><b><u>Science Activities</u></b></p> <p>MET staff continued participation in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team. November meetings focused on salmon issues. MET staff participated in workshops addressing the winter run salmon life cycle model developed for the National Marine Fisheries Service and provided input on technical and scientific information needed to improve the model. MET staff also provided input to developing salmon science projects for CSAMP addressing Delta habitat needs for salmon and factors affecting salmon survival.</p> <p>MET staff also participated in the Delta Smelt Scoping Team process to develop a decision support tool for the Delta smelt Resiliency Strategy, and develop management questions that would guide development of a long-term monitoring program to inform management actions for Delta smelt.</p> <p>MET staff initiated a study with researchers from the U.S. Forest Service to investigate the rate at which fish species are misidentified by expert observers in fish survey programs. The results of the study could inform the accuracy of fish survey data through the 1990's.</p> <p>Field work for the third phase of the longfin smelt vertical distribution study, funded by a Proposition 1 grant, was conducted in November. Two sets of day night trawling were conducted over two weeks. Data and samples are being analyzed. Initial results suggest that longfin smelt in the Bay-Delta estuary behave similarly to the landlocked version in Lake Washington, in the state of Washington. The use of bioacoustics was deployed during the survey and initial results suggest that significant portions of the fish are not being detected by the nets.</p> <p>MET staff participated in the first Central Valley Salmon Habitat Partnership meeting. The mission of the Central Valley Salmon Habitat Partnership is to protect, restore, and enhance salmon and steelhead populations, habitats, and ecosystem conditions by working collaboratively through diverse partnerships to achieve the conservation objectives identified in the Salmon Partnership's Implementation Plan. MET will participate in the science development committee, which will work as a group to identify projects for the partnership to implement. The first meeting to brainstorm projects will take place in early 2018.</p>
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<b>Bay Delta/State Water Project Issues (Cont'd.)</b>	<p><b><u>Delta Flood Emergency Management Plan</u></b></p> <p>DWR has stated that the final Delta Flood Emergency Management Plan will be delayed to 2018 because of Metropolitan staff deployments to assist in potential flood and erosion remediation efforts from the Napa and Sonoma fires, and to allow sufficient time for briefing processes for substantial executive management changes at DWR. The California Office of Emergency Services has also indicated that significant personnel have been deployed to the Napa and Sonoma regions.</p> <p>An updated seismic response model will be developed to estimate strong ground motion predictions affecting Delta levees using most recent Napa earthquake data, new data from other faults in the region, and current ground motion prediction techniques through the California Earthquake Authority and academic researchers.</p> <p>DWR is evaluating the sequence and scale of flood fight activities to assess restoration of pathway features to restore water export operations in the event of weather or seismic related flood events in the Delta. This process would help determine what activities may warrant federal reimbursement, typically including immediate response to major flood and earthquake emergencies and levee damages. Metropolitan and DWR have jointly determined that pathway implementation and export startup would be preceded by a water pulse from north of Delta reservoirs to initiate pathway operations, and from San Joaquin sources to initially clear high salinity concentrations from the pathway.</p>
<b>ENGINEERING &amp; PLANNING</b>	
<b>Doheny Desalination Project</b>	<p>An amended Notice of Preparation and Public Scoping Meeting for the Doheny Desalination Project was held on December 7, 2017 to publically disclose the inclusion of additional slant well locations into the Environmental Impact Report.</p> <p>Future milestones:</p> <ul style="list-style-type: none"> <li>• Early February: Draft EIR Release for Public Comments</li> <li>• Proposals will be brought to the South Coast Board for specialized legal services to develop documents for a potential Design-Build-Operate contract.</li> </ul>
<b>San Juan Basin Authority</b>	<p>The San Juan Watershed Project continues to move forward. Santa Margarita Water District, as the lead agency under CEQA, prepared a Draft Program Environmental Impact Report (Draft PEIR) for the multiple phases of the project. The Draft PEIR was released for a 65-day public review period on December 21, 2017 through February 23, 2018 (available at: <a href="http://sanjuanwatershed.com/about-the-project/eir-notice/">http://sanjuanwatershed.com/about-the-project/eir-notice/</a>).</p>

<b>San Juan Basin Authority (Cont'd.)</b>	A public meeting will be held on January 30, 2018 from 6:00pm to 8:00pm at the San Juan Capistrano Community Center to receive public comments regarding the content of the Draft PEIR.
<b>Orange County Reliability Study</b>	CDM-Smith submitted a technical memo draft to staff input on January 8 <sup>th</sup> which follows-up on the 2016 study climate modeling assumptions. The update discusses modeling assumptions based on more recently available information; to use updated Colorado River assumptions and updated State Water Project assumptions for the reliability study update. MWDOC staff is reviewing the document and will provide input to CDM Smith to provide feedback on the memo. Once the modeling is completed under the updated assumptions, project evaluations for supply and system improvements will be completed. A final report is expected in the Spring 2018.
<b>North and Central O.C. Integrated Regional Watershed Management Area</b>	<p>Charles continues to participate in the ad hoc committee of the North and Central Orange County Integrated Regional Water Management (IRWM) Plan (<i>The OC Plan</i>). The committee is currently reviewing and preparing responses to public comments on the final draft plan.</p> <p>Stakeholders will be invited to submit proposed projects to be included in the plan through February 20, 2018. The submitted projects will also be submitted electronically to SAWPA to be included in the OWOW Plan. The final version of the plan is anticipated to be included in the February 26, 2018 Newport Bay Watershed Executive Committee packet.</p>
<b>Upper Feeder Shutdown Coordination Meeting</b>	A scheduled January 6 through January 19 shutdown of the Upper Feeder is currently in progress to allow installation of a flexible metal expansion joint at the Santa Ana River Bridge Crossing for increased seismic resilience. The shutdown is progressing as planned and is on schedule.
<b>Prop 50 Grant Funds</b>	MWDOC is coordinating with West Basin and others on the retention release for the Proposition 50 Grant Funds for the Doheny Pilot Plant Treatment and Testing Phase project.
<b>Use of East Orange County Feeder No. 2 for Conveyance of Groundwater</b>	Upcoming discussions will be held with MET.



## EMERGENCY PREPAREDNESS

<b>Coordination with WEROC Member Agencies</b>	<p><i>Ongoing: WEROC, with Michal Baker as the lead consultant, is facilitating 19 agencies through the process of updating the Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan. Update: Francisco Soto has been working with each agency to ensure that assignments between meetings are completed on time and the project stays on schedule. The next meeting is scheduled for January 23, 2018.</i></p> <p>Francisco developed an After Action Report (AAR) for the series of Emergency Water Quality Sample Kits (EWQSK) trainings and exercises hosted earlier this year. The AAR provides a summary of each training and exercise conducted, a summary of the discussions during each event, and a comprehensive list of suggested planning elements for response to an Unknown Contamination Event. The final report will be distributed to member agencies, the Division of Drinking Water, OC Health Care Agency, and all other entities involved.</p> <p>Francisco is in the process of updating the WEROC Radio Systems Standard Operating Procedures. The purpose of this document is to outline the policies and procedures for the radio systems WEROC and member agencies utilize to improve emergency response, provide reliable communications during emergencies, and coordinate resources among member agencies.</p>
<b>Training and Programs</b>	<p>WEROC hosted two Disaster Finance Workshops provided by Mike Martinet. The first training consisted of a hands-on computer workshop to assist local government agencies in evaluating their current purchasing/finance policies for compliance with Title 2 of the Code of Federal Regulations (2 CFR, Part 200). Non-compliance in RFP processes as it relates to 2 CFR Part 200 is one of the biggest reasons for agencies to have their Public Assistance Funds de-obligated. The second workshop focused on Work Process Flow &amp; Work Activity Documentation for Supervisors. This class was focused on providing processes for tracking field activities and damages, including a hands on demonstration of photo documentation. Mary Snow and Jeff Stalvey attended the first workshop and Francisco attended the second one.</p> <p>Kelly Hubbard provided a WEROC EOC Staff Training which included a discussion on recent lessons learned from the southern California fires, refresh on EOC positions and then an activity to assist everyone in learning their assigned EOC position better.</p>
<b>Coordination with Outside Agencies</b>	<p>Kelly provided some coordination support to water and wastewater utilities impacted by the Thomas Fire. This has primarily been the coordination of possible generator requests and information needs.</p>

<b>Coordination with the County of Orange</b>	<p>Kelly and Francisco attended the December Orange County Emergency Management Organization (OCEMO) meeting that took place in the City of Anaheim. The various sub-committees and working groups provided a status on their current planning efforts, the OA manager, Donna Boston from the Orange County Sheriff's Department Emergency Management Division (EMD) provided updates on current/future weather events, mutual aid request from the Thomas Fire, and more information on the wireless alert message that was sent out by Cal OES.</p> <p><i>Ongoing: WEROC staff participated in the OA Agreement Revision Working Group and the OCEMO Bylaws Revision Workgroup.</i> Francisco attended the OA Agreement meeting which primarily reviewed the first draft to the revisions of the Responsibilities of Signatories and Finance sections. Additionally, the group began to review the Powers and Duties of the OA Positions section which will be discussed in further detail at the next meeting. Kelly attended the Bylaws Revision Workgroup meeting which focused on updating roles and responsibilities of officers of the OCEMO Leadership.</p> <p>Francisco and Kelly attended the AlertOC/WebEOC/Communications meeting at the OA EOC. The group discussed issues and possible improvements to all of these systems based on lessons from the most recent responses.</p>
<b>WEROC EOC Readiness</b>	<p>Francisco met with an Orange County Park Ranger at the North EOC to discuss the removal of four trees on the premises. During the Canyon 2 Fire, it became apparent that the trees hindered the ability for OCFA to maneuver their fire apparatus through the property and provide structure protection. OC Parks is doing a massive tree removal and clean-up of fire impacts to Peters Canyon Regional Park which surrounds the North EOC property and offered to possibly assist with these trees if possible.</p> <p>Janine Schunk identified a vendor, Rockaway Recycling (a scrap yard out of New Jersey), to whom we sold the old South EOC generator. El Toro Water District (ETWD) staff has maintained this generator for WEROC for several years and was starting to have problems finding parts for the generator. The district received \$500 for the generator. Janine worked with Irvine Ranch Water District and ETWD staff to move the generator from the North EOC to the South EOC since it is considered our primary EOC. This generator is portable and can be moved site to site if needed. This generator is slightly undersized for the facility and its operations, so once improvements at the South EOC are completed, an electrical assessment will be conducted, and a new generator will be purchased in the next 3-5 years.</p>

## WATER USE EFFICIENCY

<b>DWR Landscape Stakeholder Advisory Workgroup</b>	On December 18, Joe participated in Department of Water Resources" (DWR) Landscape Stakeholder Advisory Workgroup which was hosted by San Diego County Water Authority. More than 70 stakeholders from throughout California attended. The focus of this Advisory Workgroup is to make recommendations to DWR and the Building Standards Commission on updates to the Model Water Efficient Landscape Ordinance. Recommendations are due by March 2018.
<b>Orange County Water Loss Control Workgroup</b>	<p>On January 9, Joe convened the OC Water Loss Control Workgroup. In addition to MWDOC and Water Systems Optimization staff, 16 retail agencies were represented at this meeting. Agenda highlights included:</p> <ul style="list-style-type: none"> <li>• A detailed presentation and discussion on the Component Analysis of Real Losses methodology to quantify real losses, including seeps, leaks, and breaks.</li> <li>• Trabuco Canyon Water District's Water Loss Control Program, including water balance results, meter accuracy testing, and pressure regulating valve rehabilitation.</li> </ul> <p>The next meeting is scheduled for March 13 at MWDOC. This will be a joint meeting between Water Loss Control and Finance staff to improve understanding of water loss as it relates to revenue loss and recovery.</p>

## PUBLIC/GOVERNMENT AFFAIRS

<b>Member Agency Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Attended MET's PIO working group meeting</li> <li>• Working with LBCWD on availability and logistics for upcoming community events</li> <li>• Working on availability and logistics for participation in the City of Dana Point's upcoming community events</li> </ul> <p>Heather provided a legislative recap of 2017 for the member agency PAW/Legislative group. She is coordinating with participating member agencies on the Southern California Water Issues Briefing Book that is distributed to members of Congress and their staffs during the luncheon in Washington D.C. on February 28.</p>
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<b>Education</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Assisted Mesa Water with information regarding upcoming high school program classroom and expo dates</li> <li>• Assisted the City of Anaheim with information regarding upcoming high school and elementary school program classroom and expo dates</li> <li>• Assisted Mesa Water with information regarding Solar Cup</li> <li>• Collected and coordinated information from Inside the Outdoors (ITO) and Discovery Science Foundation (DSF) for both MWDOC education programs to complete MET's Annual Member Agency Survey of Education Resources</li> </ul> <p>Provided photos to ITO of the CRA and Delta to be used as lesson plan visuals</p>
<b>Media Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Participated in several meetings to discuss strategy with the social media consultant. Continuing to fine tune the MWDOC social strategies and best practices guidelines.</li> </ul>
<b>Special Projects</b>	<p>Public Affairs staff:</p> <ul style="list-style-type: none"> <li>• Coordinated, prepared and sent out an eCurrents newsletter</li> <li>• Working with staff at DWR to secure a date for the next Water Policy Dinner &amp; Forum with keynote speaker, DWR Director Grant Davis</li> <li>• Are currently working on itineraries, trip logistics, guest and Director requirements for the following inspection trips: <ul style="list-style-type: none"> <li>• January 26-28, 2017, Director Barbre, CRA/Hoover</li> <li>• February 23-24, 2017, Director Ackerman, SWP</li> </ul> </li> <li>• Bryce staffed a CRA inspection trip with Director McKenney on January 12-13</li> <li>• Developed a new MWDOC branded envelope template</li> <li>• Working with web developer to fine tune website items</li> </ul> <p>Heather prepared and sent out the ISDOC notice for the January 25, 2018 Quarterly Luncheon.</p> <p>Heather coordinated with and invited the January ISDOC speaker, Kathy Cole of MET.</p>

<b>Special Projects</b>	<p>Heather and Kelly invited and coordinated with the January WACO speakers, Dr. Eric McDonald and Dr. Matt Zahn, to discuss Hepatitis A.</p> <p>Heather staffed the January WACO meeting which was very well attended.</p>
<b>Special Projects (Cont'd.)</b>	<p>Heather compiled a list of all chambers of commerce in Orange County and their meeting days/times.</p> <p>Heather worked with Fred Simon of Infraguard to speak at the February WACO meeting.</p> <p>Heather staffed the January ISDOC Executive Committee.</p> <p>Heather and Joe are coordinating and compiling information with grant writing/tracking firms. A recommendation should be ready in the next month.</p>
<b>Legislative Affairs</b>	<p>Heather and Melissa participated in MET's member agency working group on SB 623 (Monning).</p> <p>Heather and Melissa participated in MET's member agency working group on AB 1668/SB 606, the conservation implementation legislation.</p>
<b>Water Summit</b>	<p>Public Affairs staff:</p> <ul style="list-style-type: none"> <li>• Conducted a staff meeting with OCWD to prepare for the 2018 Summit</li> <li>• Have begun soliciting sponsors and speakers</li> </ul>

**INFORMATION CALENDAR**

**MWDOC GENERAL INFORMATION  
ITEMS**

**MWDOC BOARD OF DIRECTORS**

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