

REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
August 17, 2016, 8:30 a.m.

Teleconference Site:
20989 Park Lane
Rollins, MT 59931
(406) 844-2282

(Members of the Public may attend and participate in the meeting
at both locations.

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 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 of those members present.)

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

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

NEXT RESOLUTION NO. 2036

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. July 6, 2016 Workshop Board Meeting
- b. July 20, 2016 Regular Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee: July 5, 2016
- b. Administration & Finance Committee: July 13, 2016
- c. Public Affairs & Legislation Committee: July 18, 2016
- d. Executive Committee Meeting: July 21, 2016
- e. MWDOC/OCWD Joint Planning Committee Meeting: July 27, 2016

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of July 31, 2016
- b. MWDOC Disbursement Registers (July/August)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of June 30, 2016
- 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 May 31, 2016
- b. Quarterly Budget Review

Recommendation: Receive and file as presented.

5. APPROVE BOY SCOUT MERIT BADGE SPONSORSHIP

Recommendation: Sponsor the Soil and Water Conservation merit badge offered by Boy Scouts of America, at a cost not to exceed \$5,000.

– End Consent Calendar –

ACTION ITEMS**6-1 AUTHORIZE CONTRIBUTION TO THE DISTRICT'S OPEB IRREVOCABLE TRUST**

Recommendation: Authorize a payment of \$400,000 to the District's Other Post Employee Benefits (OPEB) Irrevocable Trust through Public Agency Retirement Services (PARS) from the General Operations Reserves, the initiation of a new actuarial study, and the subsequent payment of the new unfunded actuarial accrued liability (UAAL) up to an additional \$250,000.

6-2 ADOPT MWDOC/OCWD JOINT RESOLUTION SUPPORTING MAXIMUM WATER SUPPLY RELIABILITY FOR THE ECONOMIC BENEFIT OF OUR SHARED CUSTOMERS, COMMUNITIES, CONSTITUENTS AND CONSUMERS
RES. NO. _____

Recommendation: Adopt the Resolution supporting maximum water supply reliability for the economic benefit of MWDOC/OCWD shared customers, communities, constituents and consumers.

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

7. GENERAL MANAGER'S REPORT, JULY 2016 (ORAL AND WRITTEN)

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

8. MWDOC GENERAL INFORMATION ITEMS

- a. Board of Directors - Reports re: Conferences and Meetings and 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**

July 6, 2016

At 8:30 a.m. President Wayne 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. Karl Seckel led the Pledge of Allegiance and Pat Meszaros called the roll.

MWDOC DIRECTORS

Brett R. Barbre*
Larry Dick*
Joan Finnegan
Susan Hinman
Wayne Osborne
Sat Tamaribuchi
Jeffrey M. Thomas (absent)

*Also MWDOC MET Directors

OTHER MWDOC MET DIRECTORS

Larry McKenney
Linda Ackerman

OTHERS PRESENT

Mark Monin
William Kahn
Brian Ragland
Doug Reinhart
Steve LaMar
Peer Swan
Paul Cook
Fiona Sanchez
Paul Shoenberger
Don Froelich
Drew Atwater
Joone Lopez
John Kennedy
Chuck Gibson
Dan Ferons
Dennis Erdman
Rick Erkeneff
Andy Brunhart
Gary Melton
Liz Mendelson-Goossens
Richard Eglash
Cathrene Glick
Kelly Rowe

MWDOC STAFF

Robert Hunter, General Manager
Karl Seckel, Assistant General Manager
Joe Byrne, Legal Counsel
Pat Meszaros, Executive Assistant
Harvey De La Torre, Associate General Mgr.
Kevin Hostert, Water Resources Analyst
Jonathan Volzke, Public Affairs Manager
Melissa Baum-Haley, Sr. Water Resource Analyst

El Toro Water District
El Toro Water District
Huntington Beach
Irvine Ranch Water District
Irvine Ranch Water District
Irvine Ranch Water District
Irvine Ranch Water District
Irvine Ranch Water District
Mesa Water District
Moulton Niguel Water District
Moulton Niguel Water District
Moulton Niguel Water District
Orange County Water District
Santa Margarita Water District
Santa Margarita Water District
South Coast Water District
South Coast Water District
South Coast Water District
Yorba Linda Water District
San Diego County Water Authority
Brady & Associates

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 with General Manager Hunter responding no items were distributed.

PUBLIC PARTICIPATION/PUBLIC COMMENTS

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

Mr. Paul Shoenberger, General Manager, Mesa Water District, thanked MWDOC for its open and transparent process in solving problems and he stated that, conversely, IRWD has filed suit against OCWD without first holding an open discussion.

PRESENTATION/DISCUSSION/INFORMATION ITEMS

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

President Osborne requested reports from the MET Directors and comments, questions, or input from the audience.

Mr. LaMar thanked the Board for having Mr. Hasencamp here to present on the Colorado River issues.

Director McKenney provided an update on the IRP Committee's discussions transitioning from the first phase, technical review of water supply projections and needs, to the second phase which covers policy issues. He stated that there was a fair amount of discussion at the Board Retreat on the IRP and the IRP Committee continues to meet to discuss goals and refining issues to discuss MET's business model, the way MET charges for water, and what is hoped to be achieved as far as local supply. He stated that the IRP Committee meeting provided vigorous discussion and raised a lot of questions, e.g. the recent budget process regarding changing the treatment surcharge methodology. He advised that in the upcoming week, the Legal and Claims Committee will be meeting regarding litigation including MET's appeal regarding the Delta islands purchase. Director McKenney announced that there will be a California water law refresher/primer for the Legal and Claims Committee at its next meeting which will be open to the public.

Director Barbre reported that the Fixed Treated Water Charge Workgroup with the member agencies' staff will be chaired by Gary Breaux, CFO. Mr. Breaux and Ms. Skillman will come back to the Finance and Insurance Committee with policy issues for review which they are hoping to get implemented by 2019.

Director Dick reported that he does look forward to continuing discussions on the IRP and, with regard to the treated water surcharge, losing that vote was disappointing. He also reported that back when MET was building the Inland Feeder, they bought a parcel for \$90,000 and this month, 3 of those acres will be declared surplus and will be bringing \$130,000 into MET's coffers. While the intent is to put it back into the Inland Feeder, he opined that it should be returned to the General Fund.

Director Ackerman traveled to Washington, DC in June with Chairman Record, Jeff Kightlinger, Dee Zinke and others and met with 13 legislative members. She stated they had a really good meeting with Senator Feinstein who is extremely frustrated with the Endangered Species Act. Addressing drought across the western states was the focus of discussion at their meetings. She, too, was disappointed with the treatment surcharge vote and looks forward to the Workgroup's recommendation.

With regard to legislation, Director Ackerman reported that MET continues to oppose (unless amended) SB 1298, Hertzberg's bill, as he has amended it but not sufficiently. Regarding AB 2348 (Levine) the backstop system for the PERS bill, they had a lengthy discussion at MET led by Director Barbre and ended up taking a watch position. Director Barbre added that his concern is if PERS wanted to get a better rate of return, taxpayers would have to make up the difference and, further, the bill does not define a reasonable rate of return or where the money will come from and, therefore, he concluded that it's bad policy.

Lastly, Director Ackerman reported on an innovative conservation program that MET is conducting. MET has ½ million dollars in total funding and has received over 100 applications which will be condensed down to 15 or 16 really good programs that come out of this and she will provide updates as they occur.

PRESENTATION BY BILL HASENCAMP (METROPOLITAN) REGARDING COLORADO RIVER ISSUES AND LOWER BASIN STATES DISCUSSIONS

Mr. Hasencamp reported that Metropolitan is in negotiations this year which will change the way the Colorado River is operated. He proceeded to give background information on the River and discussed the health of its two reservoirs, Lake Powell (Upper Basin) and Lake Mead (Lower Basin). In April, Lake Mead reached the lowest level (150 feet down from a full reservoir) it's ever been. However, Mr. Hasencamp stated that the Colorado River Basin is not in a drought and Lake Mead has not been suffering from the drought. Snowpack was pretty good this year and reservoirs in the Upper Basin are all full. Denver has stopped taking water out of the Colorado. So then, why is Lake Powell full but Lake Mead at record low and continuing to go down?

Mr. Hasencamp provided historical information on the Compact of 1922. When settlers came to Imperial Valley they realized what great farmland they had but the River needed a dam and the Bureau of Reclamation chose to build a dam in Black Canyon. The other six states were concerned that California would claim a lion's share of the river and in order for other states to agree, they wanted a compact. In 1922, they got together to decide how to divide up the Colorado River going forward: 7 ½ million acre feet for Upper Basin; 7 ½ million plus a million acre feet for the Lower Basin and 1.5 million acre feet to Mexico. The Compact paved the way for Hoover Dam to be built.

Mr. Hasencamp then discussed some of the disputes that have arisen over the years between the states: California and Arizona with regard to the Central Arizona Project; because Arizona and Nevada have junior priority status, evaporation loss comes out of their supplies and they believe all states should share in evaporation losses; and the Upper Basin is only using 4 million acre feet, much less than their Compact amount, and they feel like they got a raw deal but they are living with it. Further, the Lower Basin has not seen the impacts of reduced releases because the Upper Basin is not using all their water. Only California is not subject to cutbacks and the other states are not happy. He stated that these situations are kind of how MET got into these negotiations.

Mr. Hasencamp reiterated that Lake Mead will drop 5 feet next year and every year after that because of the way water is allocated—it's a strange delivery process. There is an imbalance of 1.2 million acre feet based on the Compact which is why Lake Mead goes down every year. It's not really the drought, it's the system imbalance.

Mr. Hasencamp reported that the draft proposal, which involves proportionate sharing, is still evolving. If agreement is reached, the proposal would go to the MET Board in the Fall of 2016. The current administration in DC wants to get this done by Election Day because, after that, we'd lose a year or two with changes in the Administration, appointments and staffing.

President Osborne thanked Mr. Hasencamp for the informative presentation.

The Board received and filed the report.

ORANGE COUNTY'S WATER SUPPLY AND PERFORMANCE REPORT FOR APRIL 2016

Water Resources Analyst, Kevin Hostert, reported on Orange County's water supply conditions and performance report for April 2016. Local precipitation for the 2015-2016 fiscal year was 8.14 inches, this is 4.76 inches below normal and 0.73 inches below last year's precipitation total. Orange County has now experienced five consecutive years of below average precipitation. 2015-16 was the second warmest year on record in Orange County, the warmest year on record was 2014-15 with an average daily high temperature of 79.51 degrees.

Mr. Hostert reported that to continue the significant water savings achieved by Orange County over the past 12 months, and to be cautious for the upcoming water year, MWDOC's Board also called for a countywide water saving goal of approximately 10% from the average annual demands of calendar years 2013 and 2014.

In April, Orange County's savings totaled 23.06% compared to historical average of April 2014 and 2013.

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

Director Hinman referred to page 30, water recycling projects in South County, and suggested it go to the P&O Committee meeting for discussion on when those projects might be on line. She commented that they are promising projects but she would like to know what the timeframe is.

The Board received and filed the information as presented.

METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

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

No new information was presented.

ADJOURNMENT

There being no further business to come before the Board, the meeting adjourned at 10:20 a.m.

Maribeth Goldsby
Board Secretary

**MINUTES OF THE REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
July 20, 2016**

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 Hinman led the Pledge of Allegiance and Secretary Goldsby called the roll.

MWDOC DIRECTORS

Brett R. Barbre
Larry Dick
Joan Finnegan
Susan Hinman
Wayne Osborne
Sat Tamaribuchi (absent)
Jeffery M. Thomas

STAFF

Robert Hunter, General Manager (absent)
Karl Seckel, Assistant General Manager
Joe Byrne, Legal Counsel
Maribeth Goldsby, Board Secretary
Jonathan Volzke, Public Affairs Manager
Joe Berg, Director of Water Use Efficiency
Melissa Baum-Haley, Sr. Water Resources Analyst
Tiffany Baca, Public Affairs Supervisor
Laura Loewen, Public Affairs Assistant
Bryce Roberto, Public Affairs Assistant
Ivan Flores, Student Intern

ALSO PRESENT

Larry McKenney
Linda Ackerman
Mark Monin
Dennis Erdman
Rick Erkeneff
Bill Green
Andy Brunhart
Gary Melton
Richard Eglash
Kelly Rowe

MWDOC MET Director
MWDOC MET Director (absent)
El Toro Water District
South Coast Water District
South Coast Water District
South Coast Water District
South Coast Water District
Yorba Linda Water District
Brady & Associates
Water Resources Consultant

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

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 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.

Mr. Hunter advised that the Committee recommendations for Items 9-2 (ISDOC Officer Elections) and 9-3 (CSDA 2016 Board of Directors Election – Southern Network Region, Seat B) were distributed to the Board and made available to the public.

SCHOOL PROGRAM PRESENTATION

Director Thomas announced that although one of the winners from the Poster/Slogan Contest was not able to attend the Poster/Slogan Contest Awards ceremony, she was in attendance at the Board meeting. Mr. Thomas, with the assistance of Tiffany Baca and Laura Loewen, acknowledged Alya Podwell (Wagon Wheel Elementary School) and presented her with prizes for her winning artwork.

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 Finnegan, seconded by Director Barbre, and carried (6-0), the Board approved the Consent Calendar items as follows. Directors Barbre, Dick Finnegan, Hinman, Osborne and Thomas voted in favor; Director Tamaribuchi was absent.

MINUTES

The following minutes were approved.

June 1, 2016 Workshop Board Meeting
June 15, 2016 Regular Board Meeting

COMMITTEE MEETING REPORTS

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

Planning & Operations Committee Meeting: June 6, 2016
Administration & Finance Committee Meeting: June 8, 2016
Public Affairs & Legislation Committee Meeting: June 20, 2016
Executive Committee Meeting: June 16, 2016

TREASURER'S REPORTS

The following items were ratified and approved as presented.

MWDOC Revenue/Cash Receipt Register as of June 30, 2016
MWDOC Disbursement Registers (June/July)

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 May 31, 2016

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 May 31, 2016

EXTENSION OF CONSULTING CONTRACT WITH ACKERMAN CONSULTING

The Board authorized extending the contract with Ackerman Consulting for FY 2016-17 on a time and materials basis, not to exceed \$36,000.

EXTENSION OF CONSULTING CONTRACT WITH LEWIS CONSULTING GROUP

The Board authorized extending the contract with Lewis Consulting Group, for specialized services, through the remainder of 2016.

TRAVEL TO WASHINGTON, DC TO COVER FEDERAL INITIATIVES

The Board received and filed the report as presented.

TRAVEL TO SACRAMENTO TO COVER STATE INITIATIVES

The Board received and filed the report as presented.

END CONSENT CALENDAR

ACTION CALENDAR

ADOPT LEGISLATIVE POSITIONS

a. SB 554 (Wolk) – Delta Levee Maintenance

Upon MOTION by Director Thomas, seconded by Director Hinman, and carried (6-0), the Board adopted an oppose position on SB 554 (Wolk). Directors Barbre, Dick, Finnegan, Hinman, Osborne and Thomas voted in favor; Director Tamaribuchi was absent.

b. SB 1298 (Hertzberg) – Prop 218 Omnibus Implementation Act

Upon MOTION by Director Thomas, seconded by Director Finnegan, and carried (6-0), the Board adopted an oppose position on SB 1298 (Hertzberg). Directors Barbre, Dick, Finnegan, Hinman, Osborne and Thomas voted in favor; Director Tamaribuchi was absent.

c. AB 1755 (Dodd) – The Open and Transparent Water Data Act

Upon MOTION by Director Hinman, seconded by Director Thomas, and carried (6-0), the Board adopted a support position on AB 1755 (Dodd). Directors Barbre, Dick, Finnegan, Hinman, Osborne and Thomas voted in favor; Director Tamaribuchi was absent.

d. AB 2909 (Levine) – Water Transfer or Exchange, Expedited Review

Director Barbre advised that the Public Affairs & Legislation Committee recommended this item be delayed to a future meeting. Upon MOTION by Director Barbre, seconded by Director Finnegan, and carried (6-0), the Board deferred action on this item; this item will be presented to a future Board meeting. Directors Barbre, Dick, Finnegan, Hinman, Osborne and Thomas voted in favor; Director Tamaribuchi was absent.

ISDOC OFFICER ELECTIONS

Upon MOTION by Director Barbre, seconded by Director Thomas, and carried (6-0), the Board adopted RESOLUTION NO. 2035 nominating Joan C. Finnegan to the Office of Treasurer of the Independent Special Districts of Orange County (ISDOC), by the following roll call vote:

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

CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2016 BOARD OF DIRECTORS ELECTION – SOUTHERN NETWORK REGION, SEAT B

Upon MOTION by Director Hinman, seconded by Director Thomas, and carried (6-0), the Board authorized President Osborne to vote for Bill Nelson in the CSDA Board of Directors election 2016 Southern Network, Seat B. Directors Barbre, Dick, Finnegan, Hinman, Osborne and Thomas voted in favor; Director Tamaribuchi was absent.

INFORMATION CALENDAR**GENERAL MANAGER'S REPORT, JULY 2016**

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

Director Hinman commented on the Doheny Desalination Project, noting that San Diego County Water Authority is interested in leasing the mobile test facility for one year.

Discussion was also held regarding coordination of groundwater deliveries from Newport to Laguna Beach, the NWRI Science Advisory Panel (who will review both the SJBA and the SCWD Foundational Action Program studies), and meetings staff held with representatives from San Clemente on Choice Programs (Water Use Efficiency).

Mr. Seckel advised that the third workshop regarding the Doheny Desalination Project would be held on July 27th from 9:00-12:00.

The Board received and filed the report as presented.

MWDOC GENERAL INFORMATION ITEMS

BOARD OF DIRECTORS

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

Director Dick advised that he attended the Public Affairs & Legislation Committee, Planning & Operations Committee, Administration & Finance Committee, Workshop Board Meeting, a meeting with representatives from both OCWD and MWDOC Boards, the WACO and WACO Planning Committee meetings, a meeting with Supervisor Bates, a meeting with Supervisor Do, a meeting with Director Barbre and Kris Murray regarding the Cadiz project, and the Mesa Water panel on water (with Director Finnegan). Mr. Dick also reported on attending the MET Committee/Board meetings, the MWDOC MET Director pre-Executive Committee meeting, the MWDOC MET Director meeting, the MET Caucus, the Los Angeles Chamber of Commerce meeting, the Garden Grove City Council meeting, and the Association of California Cities of Orange County (ACCOC) meeting.

Director Finnegan stated that she attended the Public Affairs & Legislation Committee, the Planning & Operations Committee, the Administration & Finance Committee, and the Executive Committee meetings, as well as the WACO Planning Committee meeting, the ISDOC Executive Committee and ISDOC luncheon, and the Mesa Water panel with Director Dick.

Director Barbre reported on attending the Workshop Board meeting, the MWDOC Public Affairs & Legislation, Executive, Administration & Finance, and Planning & Operations Committee meetings, a meeting with Supervisor Michelle Steel, a meeting with representatives from both the MWDOC and OCWD Boards, the ISDOC luncheon, and the Buena Park City Council meeting. He also reported on attending the MET Board meeting, the MET Committee meetings (both early and late in the month), the WRDA advocacy meetings, a meeting with Kris Murray re Cadiz, the MET Caucus, and the MWDOC MET Director Caucuses (2).

Director Thomas advised that he attended the Board meeting, the Executive Committee meeting, the Trabuco Canyon Water District meeting, the Irvine Ranch Water District meeting, the Public Affairs & Legislation and Administration & Finance Committee meetings, the ISDOC meeting, and a meeting with Supervisor Lisa Bartlett.

Director Hinman reported that she attended the Planning & Operations, Public Affairs & Legislation, and Executive Committee meetings, the San Juan Utilities Commission meeting, the San Juan Basin Authority meeting. She noted that the winning entries from the Poster/Slogan contest were being displayed in MWDOC's entryway and encouraged all to view them.

Director Osborne advised that he attended meetings with Supervisor Steel (6/22), and Supervisor Do (7/5), as well as attending MWDOC's Workshop Board meeting, the Summit Planning meeting (6/27), the ISDOC luncheon, and the WACO meeting.

CLOSED SESSION

At 9:00 a.m., Legal Counsel Byrne announced that the Board would adjourn to closed session to discuss the following matters:

CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Section 54956.9 (One Case)

RECONVENE

The Board reconvened at 10:15 a.m., and Legal Counsel Byrne announced that no reportable action was taken in closed session.

ADJOURNMENT

There being no further business to come before the Board, President Osborne adjourned the meeting at 10:16 a.m.

Respectfully submitted,

Maribeth Goldsby, Secretary

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PLANNING & OPERATION COMMITTEE
July 5, 2016 - 8:35 a.m. to 9:20 a.m.
MWDOC Conference Room 101

P&O Committee:

Director Larry Dick
Director Susan Hinman (via telecon)
Director Finnegan

Staff:

Robert Hunter, Karl Seckel,
Harvey DeLaTorre, Katie Davanaugh,
Jonathan Volzke, Kelly Hubbard

Also Present:

Director Wayne Osborne
Director Brett Barbre
Director Sat Tamaribuchi
MWDOC MET Director, Larry McKenney
Scott Maloni, Poseidon
Dough Reinhart, Irvine Ranch Water District
Don Froelich, Moulton Niguel Water District
Michael, Edison Water Resources

Director Dick called the meeting to order at 8:35 a.m. Due to technical difficulties with the teleconference equipment in connecting the call with Director Hinman, Director Osborne was appointed a member on the Committee.

It was noted that Director Hinman would be participating via telephone conference and that all agenda requirements pursuant to the Ralph M. Brown Act were complied with.

PUBLIC PARTICIPATION

Member of the public, Michael from Edison Water Resources, phoned in to the meeting.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

No items were received.

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

No items were presented.

DISCUSSION ITEMS

STATE WATER RESOURCES CONTROL BOARD HEARINGS

Director Barbre noted that only five MWDOC member agencies that were signatories on the comment letter that staff prepared to the State Water Resources Control Board regarding the proposed drinking water fee regulations. Staff reported this was a timing issue of

agencies being able to get authorization to sign on prior to the letter going out. The fees will be used to reimburse the State Board's cost in administering the Safe Drinking Water Act that regulates public water systems.

Noting that the teleconference equipment was operational, Director Hinman joined the Committee in place of Director Osborne.

It was noted that MWDOC is in support of efforts to establish new fee regulations to fully recover program expenses, without penalizing the larger agencies, and that smaller water agencies should pay appropriately. It was noted that having clean water in the state of California is a right, rather than privilege.

General Manager Hunter noted that the State Board is also requesting to change the point of diversion for the State Water and the Central Valley projects. Due to complex issues, the petition will be held in three parts, which is anticipated to be completed early 2017.

INFORMATION ITEMS

SUMMARY OF RECENT DOHENY COST WORKSHOP

Mr. Seckel reported that South Coast Water District is making progress on their work at Doheny Desalination project. Director Hinman reported that the June 22, 2016 South Coast Water District workshop was well attended. A copy of the South Coast presentation was included in the MWDOC staff report.

The Committee held brief discussion on the cost of the project and any potential Metropolitan Water District contributions and the impact that might have on future rates. The Committee concurred that cost projections are highly speculative at this point in time, due to many cost unknowns in the analysis.

The report was received and filed.

MWDOC LETTER TO THE REGIONAL BOARD ON THE POSEIDON PROJECT

Doug Reinhart, Irvine Ranch Water District, expressed support for local projects, noting that the Poseidon project is one of many reliability projects and that all projects under the Integrated Resource Planning should be considered, not just desalination. Director Barbre noted that he is very much in support of regional projects that add to the reliability portfolio of Orange County. Director Tamaribuchi requested that the language pertaining to the California Water Fix (if it is not completed) be included for clarification. Staff will modify the letter to include language.

Scott Maloni, Poseidon, noted that he requested that MWDOC staff prepare the letter to the State Water Resources Control Board which was requested to identify the Huntington Beach Desalination project as a project that could help meet future projected water demands, not that it is the only project.

Directors Barbre and Dick noted that Metropolitan Water District has been in support of developing new sources of water supply, desalination being a part of that, but has not specifically made commitments with regard to any desalination projects.

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 status reports were received and filed.

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

No information was presented.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 9:20 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**

July 13, 2016 – 8:35 a.m. to 9:10 a.m.

MWDOC Conference Room 101

Committee Members:

Director Jeff Thomas, Chair
Director Joan Finnegan
Director Brett Barbre

Staff:

Karl Seckel, Harvey De La Torre,
Katie Davanaugh, Cathy Harris, Andrew Kanzler,
Hilary Chumpitazi, Jonathan Volzke,
Heather Baez, Kevin Hostert

Also Present:

Director Wayne Osborne
Director Sat Tamaribuchi
Director Larry Dick
Andrew Hamilton, Mesa Water
Larry McKenney, MWDOC MET Director

Director Thomas called the meeting to order at 8:35 a.m.

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 – June 2016
- b. Disbursement Approval Report for the month of July 2016
- c. Disbursement Ratification Report for the month of June 2016
- d. GM Approved Disbursement Report for the month of June 2016
- e. Water Use Efficiency Projects Cash Flow – June 30, 2016
- f. Consolidated Summary of Cash and Investment – May 2016
- g. OPEB Trust Fund monthly statement

Following review of the disbursement register, upon MOTION by Director Barbre, seconded by Director Finnegan, and carried (3-0), the Committee recommended the Treasurer's Report for approval at the July 20, 2016 Board meeting. Directors Barbre, Thomas and Finnegan all voted in favor.

COMBINED FINANCIAL STATEMENTS AND BUDGET COMPARATIVE FOR THE PERIOD ENDING MAY 31, 2016

Upon MOTION by Director Barbre, seconded by Director Finnegan, and carried (3-0), the Committee recommended the Financial Reports for approval at the July 20, 2016 Board meeting. Directors Barbre, Thomas and Finnegan all voted in favor.

ACTION ITEMS**TRAVEL TO WASHINGTON DC TO COVER FEDERAL INITIATIVES**

Upon MOTION by Director Thomas, seconded by Director Barbre, and carried (3-0), the Committee recommended the Board approve the travel to Washington, DC for federal initiatives at the July 20, 2016 Board meeting. Directors Thomas, Barbre and Finnegan all voted in favor.

TRAVEL TO SACRAMENTO TO COVER STATE INITIATIVES

Upon MOTION by Director Barbre, seconded by Director Finnegan, and carried (3-0), the Committee recommended the Board approve the travel to Sacramento for state initiatives at the July 20, 2016 Board meeting. Directors Thomas, Barbre and Finnegan all voted in favor.

INFORMATION ITEMS**FY 2016-17 CHOICE PROGRAM UPDATE**

The Committee reviewed the listing of choice programs for FY2016-17, with Mr. Seckel noting that MWDOC is in the process of decommissioning the pilot plant at the Doheny desalination site and that South Coast Water District is in the process of transferring the lease and mobile test facility to their ownership. Additional work is expected to commence in the fall to remove the test facility and a contract will be brought to the MWDOC Board for consideration as it is MWDOC's responsibility to remove the existing facility.

The Committee also held discussion on the school program, noting that the topic of the education program will be discussed at length at the July 18, 2016 Public Affairs & Legislation Committee meeting. Additionally, discussion was held on the water loss control program, previously known as unaccounted water loss, which is a systematic method for tracking water loss.

MONTHLY WATER USAGE DATA, TIER 2 PROJECTION & WATER SUPPLY INFO

The report was received and filed.

DEPARTMENT ACTIVITIES REPORTS

- a. Administration
- b. Finance and Information Technology

The reports were received and filed.

OTHER ITEMS

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

Mrs. Chumpitazi noted that the financial audit continues. Mrs. Harris reported that the Director of Public Affairs position is still being evaluated by the General Manager.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 9:10 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

July 18, 2016 - 8:30 a.m. to 10:45 a.m.
MWDOC Conference Room 101

Committee:

Director Brett Barbre
Director Susan Hinman
Director Sat Tamaribuchi

Staff:

Karl Seckel, Heather Baez, Laura Loewen,
Jonathan Volzke, Pat Meszaros,
Tiffany Baca, Harvey De La Torre

Also Present:

Larry McKenney, MWDOC MET Director
John Lewis, Lewis Consulting
Syrus Devers, BBK
Stacy Taylor, Mesa Water District
Jim Leach, Santa Margarita W.D.
Jim Barker
Stephanie Smith, Inside the Outdoors
Jeff Hittenberger, Ph.D., O.C. Dept. Education
Tim Jemal
Sean Fitzgerald, Discovery Cube
Bill Nelson, CSDA

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

Mr. Seckel reported that the School Program contract was distributed to the Board and made available to the public after posting of the agenda.

DISCUSSION ITEMS

LEGISLATIVE ACTIVITIES

a. Federal Legislative Report (Barker)

Chair Tamaribuchi introduced Jim Barker who spoke about Congress being unable to pass Appropriation Bills this year. Twelve bills have passed through the House and the Senate but none of them have passed both. The Majority Leader, Kevin McCarthy, and Congressmen Calvert and McClintock had placed language from the Valadao bill in the Interior Appropriations

Bill, which passed the House last Thursday, and also in the Energy and Water Appropriations bill. The Valadao bill itself passed the house and is awaiting action in the Senate. Mr. Barker stated that Feinstein's legislation is similar to last session's, includes funding for ocean desal, and mentions the Doheny Desalination Project twice. To differentiate between the two bills, Mr. Barker stated that the Valadao bill tries to provide operational changes to how the Delta is managed, and Feinstein's legislation tries to provide more flexibility to Federal water managers. There was a major markup last week in the Senate Energy Committee and Feinstein was not able to get her bill on the agenda as she's had difficulty getting Democratic leader support. Mr. Barker stated that interested parties on the drought have to get together on the National Energy Bill which is not an appropriations bill and can be sent directly to the President for signature. Senator Feinstein is seen as someone who's trying to bring parties together but hardcore environmental groups and fisheries will not yield and this is a major problem in California.

Mr. Barker reported that control of the Senate will be in play this year (currently with 54 Republicans and 46 Democrats). Many political observers believe the Republicans will lose control of the Senate. He stated that almost every poll has Hilary Clinton ahead, however, he recalled that Reagan was behind Carter, and George H. W. Bush was behind Dukakis and they both won.

With regard to the Rebate program and the IRS, Mr. Barker reported that they are working with Senator Feinstein's office to get the Administration to issue a waiver for the most recent year. Further, he stated that it's unclear whether there will be a bill, and the strategy now is to do what's called an administrative patch.

Considerable discussion continued with Director Dick inquiring why it's taking so long to get the Environmental Infrastructure funding through Senator Feinstein's office as it's been over a decade of meetings, letters and requests. Mr. Barker responded that 40 million dollars was authorized from the 2007 Water Resource Development Act and we've worked extensively to get that appropriated. How it works is the funds are authorized and then appropriated but the second step has never occurred. Further, he stated that they've met with the Corps of Engineers many times trying to get our account open but the Corps is awaiting specific direction from Congress. In this year's Senate appropriations bill language, there's a similar account providing funds to Cambria and Perris. Further, Mr. Barker stated we want to meet again with the Corps and talk about how we could access these funds. Director Barbre stated that one of reasons we're pressuring is that the Corps is unwilling rather than unable and we've decided that the best approach is to have Jeff Kightlinger make a direct request after the first of the year, as the Delta Fix is the priority right now. Mr. Barker reiterated the two strategies: 1) use MET's influence, or 2) Senator Feinstein could use her influence with the Corps through a meeting, phone call or letter to ask the Corps to allow funds to be used. Director Dick inquired how Cambria and Perris got funding to which Director Barbre responded that they had preexisting WRDA authorizations from 1999. Mr. Hunter inquired about the likelihood of the California delegation coming together and Mr. Barker responded that we're better situated this year than we have been in the past and Senator Feinstein realizes that this may be a moment in time when she can come together with the House people to get this done.

b. State Legislative Report (BBK)

Mr. Syrus Devers reported that the Legislature has been on recess since July 1 until August 1 and the only highlight that occurred was the adoption of the budget. Also, the SWRCB met on

June 22 to notice the draft regulations on the proposed fee changes to the Drinking Water Program. Mr. Devers testified on behalf of MWDOC in support of ACWA's alternative. Follow-up conversations with SWRCB staff suggests the ACWA alternative will be adopted with minor changes.

Just as information, Mr. Devers reported that SB 1318 (Wolk) and SB 163 (Hertzberg), which MWDOC took "oppose" positions on, are dead. Mr. Devers discussed SB 814 (Hill) – excessive water use and the ability to punish water wasters, which MWDOC also opposed. Although still an unnecessary mandate on water districts, the more objectionable provisions have been removed. Ms. Taylor of Mesa Water District announced that she is coordinating a coalition letter to oppose to the author and, so far, the following have signed on: El Dorado, Desert Water, Mesa WD, Angiola Water, Contra Costa WD, City of Santa Rosa, Placer County WD, YLWD, SCWD, Elsinore Valley WD, and Eastern MWD. Ms. Taylor added that it's an overly restrictive bill with Constitutional, legal, and high-cost issues and there are less than 400 non-compliant residences out of 11 million, and it's not needed; locals already have the ability to do this. She will send a letter around for approval. Mr. Devers stated we already have an oppose position so this is just reiterating. Director Tamaribuchi inquired where our member agencies stand on this bill to which Ms. Baez responded that none of our agencies are supporting it. IRWD is a watch on this bill and SMWD opposes. EBMUD seems to be the only agency in favor.

c. County Legislative Report (Lewis)

Mr. Lewis added to his tribute and accolades for Former Senator Marian Bergeson by mentioning that she had crusaded for years to index California's state income tax. In 1979, she authored AB 246 which didn't pass but she carried on the crusade and it did finally lead to a successful ballot measure. Just another way she positively affected CA legislation.

Mr. Lewis then discussed the lead article in his report on Supervisors' proposed new term limits. The proposal involves extending the term limit from 8 to 12 years with a life time limit. July 26 is the last meeting they can pass a measure and get it on the ballot. Bartlett and Nelson are in favor. Mr. Lewis stated that the proposed term limits have huge ramifications, for example, Spitzer may delay his run for DA another 4 years before seeking that. He reported that there are conflicting court decisions about how this would be enacted. If term limit reform measures are adopted, the court wants to restart the clock in total (which would make two 12-year terms possible).

Director Barbre inquired whether term limits might be changed for countywide elected officials to which Mr. Lewis responded no, because legally they can't do it.

d. Legal and Regulatory Report (Ackerman)

Director Dick inquired about Item 9 on Mr. Ackerman's report, "Limit Small Water Systems." Per Mr. Devers, under current California law, it is fairly easy to set up a separate small water system and is common in small rural areas. A bill has been proposed, SB 1263, to make this more difficult.

The report was received and filed.

e. MWDOC Legislative Matrix

f. Metropolitan Legislative Matrix

The reports were received and filed.

HIGH SCHOOL EDUCATION PROGRAM REVIEW

Mr. Hunter asked Ms. Stephanie Smith of Inside the Outdoors to introduce the school education contractors present: She introduced Jeff Hittenberger, Ph.D., O.C. Dept. of Education and Tim Jemal, Jemal Public Affairs.

Mr. Seckel provided some history from last year regarding proposals and the RFP process. Committee asked for a restructured high school program RFP which put us behind schedule in getting started on the program last year. Our goal was to reach out to ten schools; we ended up with 14 schools and 20 schools is our goal for this coming year. Mr. Seckel stated that we're receiving strong support from our agencies. Mr. Hunter added that it's going to be an evolving program and, likely, will change from year to year. The emphasis has been how to improve this program as we move on.

Mr. Jonathan Volzke made a presentation on the program and began by discussing the Key Concepts Taught, the sequencing of the School Expos with the First Student School Visit, the Second Student School Visit and then the Student Expos which were held during lunch and were where the bulk of students receive the benefits of the program. At the Committee's request, an emphasis on the California Water Fix was included. Mr. Volzke expressed his appreciation for Directors Hinman and Tamaribuchi who were very involved in providing feedback for improvements. Also, Director Hinman attended several of the Water Expos. MET came and looked at one of the forums and suggested improvements so we're working with MET to find ways to work together. Regional policy forums were discussed with our member agencies. Mr. Volzke mentioned that the budget included Soil and Water Conservation Merit Badges for Boy Scouts which allows them to obtain one of their merit badges to become Eagle Scouts and, at the same time, the Scouts could perform service projects and volunteering for us. Mr. Volzke mentioned the Poster/Slogan contest and Solar Cup, just two of our Education projects. Typically, the program is presented to AP science/environmental classes. He noted that MNWD signed up all the schools in its district. Lastly, Mr. Volzke discussed briefly The Water Effect – Teacher training toolkit. Both agencies worked together on teacher training which was held at the Inside the Outdoors facility.

Discussion ensued with Director Barbre inquiring about the digital platform for which we expended \$40,000 to which Mr. Volzke responded that it's owned and operated by the Ecology Center and that the O.C. Department of Education is providing a new platform for us which will be closely aligned with our efforts. Ms. Smith stated that no we will not be expending another \$40,000 on the digital program this coming year. Director Barbre also inquired about the number of schools reached out of the 68 public, 36 continuation and 88 private schools in the County to which Ms. Smith responded that 12 were public, one was continuation, and one correctional. Director Hinman mentioned that some AP teachers with whom she spoke are interested in having water professionals come out to the schools for career development purposes. Director Osborne asked about matching funds and Ms. Smith stated that matching funds are still in the program. Mesa was one of the districts where the students attended their board meeting and made a presentation and thanked them for their participation. Ms. Taylor said the Mesa Board was very impressed with the program.

Mr. Jemal stated that the Secretary of Education initiated a Blueprint for Environmental Literacy and published a report on how the state can do a better job. Mr. Jemal stated that the Board may want to see that report. Chair Tamaribuchi stated that the work we're doing here is an exemplary model for the State. He also thanked everyone for attending and stated that it's an outstanding effort although he would like to see more of a focus on water supply reliability next year, and he realizes that's coming.

ACTION ITEMS

AB 2909 (LEVINE) – WATER TRANSFER OR EXCHANGE, EXPEDITED REVIEW

Ms. Baez reported that AB 2909 is the successor to AB 2304 (which was pulled due to opposition) and would require the Department of Water Resources to develop a 30-day expedited review process for recurring water transfers. Ms. Baez stated that the proposed language is included in the packet and we are recommending support if amended. Director Hinman inquired whether MET was involved to which Ms. Baez responded that MET was involved in negotiations. Discussion occurred regarding taking a position based on "probable" language or waiting for official language.

Upon MOTION by Director Hinman, seconded by Director Tamaribuchi, and carried (3-0), the Committee recommended bringing the measure back once it has been amended, either to the Board Workshop on August 3, 2016 or PAL Committee on August 8. Directors Hinman, Tamaribuchi and Barbre all voted in favor.

ISDOC OFFICER ELECTIONS

Upon MOTION by Director Hinman, seconded by Director Barbre, and carried (3-0), the Committee recommended endorsing Joan Finnegan for Treasurer of ISDOC at the July 20, 2016 Board meeting. Directors Hinman, Tamaribuchi and Barbre all voted in favor.

CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2016 BOARD OF DIRECTORS ELECTION – SOUTHERN NETWORK REGION, SEAT B

Upon MOTION by Director Barbre, seconded by Director Hinman, and carried (3-0), the Committee recommended supporting Bill Nelson for the California Special Districts Association 2016 Board of Directors Election – Southern Network Region, Seat B, at the July 20, 2016 Board meeting. Directors Hinman, Tamaribuchi and Barbre all voted in favor.

INFORMATION ITEMS

UPDATE ON POTENTIAL SAN JUAN CAPISTRANO UTILITIES CONSOLIDATION

The report was received and filed.

UPDATE ON WATER POLICY DINNER

Mr. Volzke stated that staff invited the two candidates for California's U.S. Senate seat, Loretta Sanchez and Kamala Harris, to speak at an upcoming Water Policy Dinner. Sanchez's staff was

open to the idea, while Harris' office did not return emails or calls. Mr. Hunter stated that even though Loretta's office has been much more responsive, we will continue to pursue both.

PUBLIC AFFAIRS ACTIVITIES REPORT

SCHOOL PROGRAM PARTICIPATION REPORT

The reports were received and filed.

OTHER ITEMS

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

No items were presented.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 10:45 a.m.

MINUTES OF THE MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
jointly with the
EXECUTIVE COMMITTEE
July 21, 2016, 8:30 a.m. to 10:30 a.m.
Conference Room 102

Committee:

Director Osborne, President
Director Barbre, Vice President
Director Dick

Staff:

R. Hunter, M. Goldsby

Also Present:

Director Finnegan
Director Hinman
Director Tamaribuchi
Director Thomas

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

PUBLIC PARTICIPATION

No public comments were received.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

No comments were received.

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 August Committee meetings.

EXECUTIVE COMMITTEE PROPOSALS FOR FUTURE AGENDAS

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

a. MWDOC/OCWD Joint Planning Committee Meeting

Considerable discussion ensued regarding the Poseidon Desalination Project in Huntington Beach, it's timeline for a decision, and the current schedule (two permitting issues to address). The Committee also discussed MET's role in desalination, as well as the Carson water reuse project, and how the Delta Fix may affect MET's role in desalination.

The Committee also discussed SARCCUP (the Santa Ana River Conservation and Conjunctive Use Project) (a proposal by the SAWPA agencies which would provide an opportunity for storage in the basin).

President Osborne then provided an overview of the meeting he attended, with Directors Barbre and Dick, and OCWD directors regarding the relationship between the two agencies. He advised that a Resolution may be presented to both Boards outlining a cooperative spirit between the two agencies.

b. Workshop Board Meeting

Discussion was held regarding the Delta Fix and MET's efforts in this area. Director Tamaribuchi reported on his activities with respect to meeting with the environmental community (CoastKeepers and others) in an effort to educate the Southern California environmental community on the Delta situation (e.g., doing nothing is harmful to both the water supply and fisheries). Mr. Tamaribuchi suggested MET be more involved with the environmental community. It was noted that MET General Manager Kightlinger has offered an inspection trip (hosting representatives from the environmental community) to the Delta.

c. Planning & Operations Committee

The Committee discussed Director Peer Swan's (IRWD) suggestion to convene a group of "water managers" from throughout Orange County to weigh in on prioritizing future supply projects in the County. The Committee suggested this item be placed on the Planning & Operations Committee agenda for further discussion.

d. Administration & Finance Committee

The Committee discussed the recruitment efforts for the various vacancies in staff and suggested staff hire a Director of Public Affairs sooner than later.

e. Public Affairs & Legislation Committee

Director Hinman referenced the inspection trip schedule and requested an overview of how effective the trips (from last year) were, as well as a list of the attendees. Discussion was held regarding the target audience for these trips.

f. Executive Committee

No new items were added to the agenda.

DISCUSSION REGARDING UPCOMING ACTIVITIES OF SIGNIFICANCE

Committee discussed the status of the next Water Policy dinner and suggested the Ad Hoc Committee meet to discuss options.

The Committee also discussed the litigation between IRWD and OCWD.

GENERAL MANAGER'S REPORTS

Committee discussed various legislative issues, suggesting that Mr. Hunter confer with Mr. Syrus Devers regarding legislation.

Mr. Hunter presented a late Business Expense Report from Kelly Hubbard; the Committee approved the report.

REVIEW AND DISCUSS DISTRICT AND BOARD ACTIVITIES

No new information was presented.

ADJOURNMENT

There being no further business to be brought before the Committee, the meeting adjourned at 10:40 a.m.

MEETING REPORT

**JOINT PLANNING COMMITTEE WITH BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY and
ORANGE COUNTY WATER DISTRICT**

July 27, 2016 - 8:30 a.m.
MWDOC Conference Room 101

MWDOC DIRECTORS

Brett R. Barbre (absent)
Larry Dick
Joan C. Finnegan
Susan Hinman (via teleconference)
Wayne Osborne
Jeffery M. Thomas
Satoru Tamaribuchi (absent)

OCWD DIRECTORS

Shawn Dewane
Phil Anthony
Roger Yoh (absent)
Dina Nguyen (absent)
Denis Bilodeau
Roman Reyna (absent)
Jan Flory (absent)
Jordan Brandman (absent)
Steve Sheldon (absent)
Cathy Green

MWDOC STAFF

Rob Hunter
Karl Seckel (absent)
Maribeth Goldsby
Harvey De La Torre
Kevin Hostert
Melissa Baum-Haley
Keith Lyon
Tiffany Baca

OCWD STAFF

Mike Markus
John Kennedy
Adam Hutchinson

ALSO PRESENT

Linda Ackerman
Peer Swan
Paul Weghorst
Don Froelich
Kelly Rowe
Sandy Scott Roberts

MWDOC MET Director
Irvine Ranch Water District
Irvine Ranch Water District
Moulton Niguel Water District

OCWD President Cathy Green chaired the meeting.

TELECONFERENCE SITE

Director Hinman attended the meeting via telephone from Montana. All agenda requirements pursuant to the Ralph M. Brown Act were complied with.

PUBLIC COMMENTS

No public comments were received.

IMPORTED WATER ISSUES – MWD WATER SUPPLY UPDATE AND ALLOCATION**a. MWD Water Supply Update**

MWDOC Water Resources Analyst Kevin Hostert presented the Orange County Drought Performance and Water Supply Report, which included updates on conservation efforts (cumulative savings for the County are 22.3%), local weather conditions, precipitation for the year (and comparisons to prior years), and regional supply conditions (snowpack, accumulated precipitation, reservoir storage), and the Table “A” allocations (currently set at 60%). Mr. Hostert also reported on the Colorado River Aqueduct (CRA) storage, noting that it is at a historical low, as well as projected water sales for MET.

The Boards received and filed the report as presented.

GROUNDWATER ISSUES

- a. Basin Conditions**
- b. Planned Imported Water Purchases**

OCWD Executive Director of Engineering and Water Resources John Kennedy provided an overview of the basin, noting OCWD is projecting an accumulated overdraft of 370 thousand acre-feet (end of June – final numbers will be available in August), and that OCWD’s goal is to purchase 130 cfs of MET untreated full service water. He advised that OCWD will continue to purchase through summer/fall and that OCWD’s FY 2016/17 budget includes purchases up to 50,000 acre-feet.

Discussion ensued regarding the size of the basin, and the fact that only the top layer of the basin can be pumped (due to seawater intrusion). IRWD Director Peer Swan brought up the possibility of OCWD allowing other Districts to store water in the basin, and the Committee suggested IRWD develop a white paper on the subject.

The Boards received and filed the report as presented.

SANTA ANA RIVER CONSERVATION AND CONJUNCTIVE USE PROGRAM (SARCCUP)

Mr. Adam Hutchinson (OCWD) provided an overview of the SARCCUP demo project, noting that it is intended to be a storage account in the watershed (water bank), that they were awarded \$55 million for the project, and that the five agencies (OCWD, Eastern MWD, Western MWD, Inland Empire Utilities Agency, San Bernardino Valley MWD) will have an equal share.

Mr. Hutchinson also reviewed the SARCCUP background and elements (water use efficiency, habitat creation, and watershed scale cooperative water banking program), along with information on a potential partnership with MET, proposed water supply sources,

potential benefits to SARCCUP agencies, benefits to MET, and potential MET considerations.

The Boards received and filed the report as presented.

HUNTINGTON BEACH POSEIDON OCEAN DESALINATION PROJECT UPDATE

Mr. Mike Markus (OCWD) provided an update on the Poseidon Ocean Desalination Project, noting a hearing with the Coastal Commission is anticipated to be held mid-September, that Poseidon is awaiting the NPES permit approval, and that with the adoption of the Ocean Plan, Poseidon needs to go before the Regional Board in February. He advised that OCWD continues to work on the cost of distribution for water and is working with three coastal agencies to determine how much water they will commit to purchase.

Mr. Markus reported that the OCWD Board authorized staff to move forward with the EIR which should take approximately 9 months to complete.

The Boards received and filed the report.

GROUNDWATER REPLENISHMENT FINAL EXPANSION UPDATE

Ms. Sandy Scott Roberts (OCWD) reviewed the status of the final expansion to the Groundwater Replenishment System Project, noting that the plant will go from producing 100 mgd to 130 mgd, at the capital cost of \$253 million. Ms. Roberts provided information regarding the flows available, the building of a new pump station for conveyance, and the next steps (CEQA, engineers report, SARI line segregation project, and the amendment to the joint agreement), with an anticipated completion date of December 2021.

The Boards received and filed the report as presented.

OC WATER SUMMIT RECAP

Ms. Tiffany Baca (MWDOC) provided an overview of the OC Water Summit, noting that \$57,000 in sponsorships were received (more than in prior years), and that per the surveys, most attendees were happy with the event and the venue. She advised that Disney's Grand Californian is not available in 2017, that staff from both agencies will be viewing other venues, and that the Westin has been reserved for 2017.

The Board members requested staff provide information on the exact number of paid attendees and the exact number of overall attendees (excluding staff).

The Boards received and filed the report.

OTHER

No information was presented.

NEXT COMMITTEE MEETING

President Green announced that the next MWDOC/OCWD Joint Planning Committee meeting was scheduled for October 26, 2016.

OTHER

No items were presented. There being no further business to come before the Committee, the meeting adjourned at 9:45 a.m.

**Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
July 2016**

WATER REVENUES

Date	From	Description	Amount
07/05/16	City of Seal Beach	May 2016 Water deliveries	10,136.96
07/05/16	City of Newport Beach	May 2016 Water deliveries	56,371.82
07/05/16	City of La Palma	May 2016 Water deliveries	73,814.31
07/08/16	El Toro Water District	May 2016 Water deliveries	625,586.57
07/11/16	South Coast Water District	May 2016 Water deliveries	448,129.14
07/11/16	City of Buena Park	May 2016 Water deliveries	229,006.36
07/11/16	City of Garden Grove	May 2016 Water deliveries	110,972.47
07/12/16	Santa Margarita Water District	May 2016 Water deliveries	2,085,073.17
07/13/16	Laguna Beach County Water District	May 2016 Water deliveries	306,538.80
07/13/16	City of Westminster	May 2016 Water deliveries	187,741.04
07/14/16	East Orange County Water District	May 2016 Water deliveries	268,280.42
07/14/16	City of Orange	May 2016 Water deliveries	206,640.02
07/15/16	Orange County Water District	May 2016 Water deliveries	4,819,369.65
07/15/16	Irvine Ranch Water District	May 2016 Water deliveries	936,692.67
07/15/16	Irvine Ranch Water District	May 2016 Water deliveries	1,115,475.00
07/15/16	Santiago Aqueduct Commission	May 2016 Water deliveries	113,513.40
07/15/16	Moulton Niguel Water District	May 2016 Water deliveries	2,102,419.95
07/15/16	Yorba Linda Water District	May 2016 Water deliveries	603,613.31
07/15/16	Golden State Water Company	May 2016 Water deliveries	409,750.12
07/19/16	Moulton Niguel Water District	May 2016 Water deliveries	2,869.90
07/22/16	City of San Clemente	June 2016 Water deliveries	560,715.25
07/25/16	City of Seal Beach	June 2016 Water deliveries	153,415.16
07/25/16	City of San Juan Capistrano	June 2016 Water deliveries	497,075.16
07/27/16	Serrano Water District	June 2016 Water deliveries	62,457.01
07/28/16	City of La Habra	June 2016 Water deliveries	11,320.39
07/29/16	City of Fountain Valley	June 2016 Water deliveries	52,770.93
07/29/16	City of Buena Park	June 2016 Water deliveries	254,339.36
07/29/16	Trabuco Canyon Water District	June 2016 Water deliveries	17,336.86
07/29/16	City of Huntington Beach	June 2016 Water deliveries	1,115,784.07
07/29/16	City of Brea	June 2016 Water deliveries	130,009.95

TOTAL REVENUES \$ 17,567,219.22

Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
July 2016

MISCELLANEOUS REVENUES

Date	From	Description	Amount
07/05/16	Arcadis	5/20/16 OC Water Summit sponsorship	2,000.00
07/15/16	Yorba Linda Water District	5/20/16 OC Water Summit sponsorship	1,600.00
07/25/16	Southern California Gas Company	5/20/16 OC Water Summit sponsorship	1,000.00
07/14/16	Joan Finnegan	Apr-Jun 2016 Director's Health Insurance contribution	304.74
07/18/16	Susan Hinman	Apr-Jun 2016 Director's Health Insurance contribution	304.74
07/05/16	Darcy Burke	June 2016 COBRA health insurance	1,293.82
07/22/16	Stan Sprague	August 2016 Retiree health insurance	211.41
07/28/16	Judy Pfister	Jul-Sep 2016 Retiree medical insurance	103.05
07/27/16	Laura Loewen	Movie tickets	84.00
07/18/16	Lakeside Park Community Association	Turf Removal rebate check refund	14,210.00
07/27/16	Maribeth Goldsby	Reimbursement for personal fedex charges	27.63
07/18/16	City of Orange	March 2016 Smartimer and Turf Removal rebate program	2,794.43
07/18/16	Golden State Water Company	March 2016 So Cal Watersmart Residential rebate program	1,900.00
07/15/16	City of Brea	Apr-May 2016 Smartimer rebate program	339.97
07/15/16	Mesa Water	Apr-May 2016 Smartimer rebate program	1,052.37
07/08/16	Irvine Ranch Water District	May 2016 Smartimer rebate program	75.00
07/08/16	Serrano Water District	May 2016 Smartimer rebate program	75.00
07/15/16	Trabuco Canyon Water District	May 2016 Smartimer rebate program	75.00
07/18/16	El Toro Water District	May 2016 Smartimer rebate program	75.00
07/29/16	City of Huntington Beach	May 2016 Smartimer rebate program	640.85
07/29/16	2 Checks	June 2016 Smartimer rebate program	150.00
07/08/16	City of Buena Park	April 2016 Turf Removal rebate program	332.10
07/25/16	2 Checks	May 2016 Turf Removal rebate program	222.00
07/05/16	Santa Margarita Water District	May 2016 Spray to Drip rebate program	3.08
07/22/16	City of Tustin	December 2015 Smartimer and Turf Removal rebate program	11,583.00
07/14/16	Laguna Beach County Water District	May 2016 Smartimer and Turf Removal rebate program	1,110.00
07/12/16	Santa Margarita Water District	May 2016 Smartimer and Rotating Nozzle rebate program	2,759.47
07/19/16	Moulton Niguel Water District	May 2016 Smartimer, Rotating Nozzle and Turf Removal rebate program	444,012.32
07/06/16	Irvine Ranch Water District	May 2016 So Cal Watersmart Commercial rebate program	44,850.00
07/05/16	Golden State Water Company	May 2016 So Cal Watersmart Residential rebate program	80.00
07/05/16	Moulton Niguel Water District	May 2016 So Cal Watersmart Residential rebate program	15,384.00
07/05/16	Santa Margarita Water District	May 2016 So Cal Watersmart Residential rebate program	4,059.00
07/06/16	Irvine Ranch Water District	May 2016 So Cal Watersmart Residential rebate program	48,839.10
07/15/16	Trabuco Canyon Water District	May 2016 So Cal Watersmart Residential rebate program	400.00
07/21/16	Orange County Water District	FY 16-17 Groundwater Customer charge	392,666.00
07/22/16	City of San Clemente	FY 16-17 Annual Retail Service Connection charge	190,223.40
07/22/16	El Toro Water District	FY 16-17 Annual Retail Service Connection charge	105,645.60
07/25/16	City of Orange	FY 16-17 Annual Retail Service Connection charge	361,930.35
07/25/16	City of San Juan Capistrano	FY 16-17 Annual Retail Service Connection charge	126,373.95
07/25/16	City of Seal Beach	FY 16-17 Annual Retail Service Connection charge	58,878.15
07/27/16	Mesa Water	FY 16-17 Annual Retail Service Connection charge	256,930.80
07/27/16	Serrano Water District	FY 16-17 Annual Retail Service Connection charge	24,779.85
07/28/16	Laguna Beach County Water District	FY 16-17 Annual Retail Service Connection charge	94,695.60
07/28/16	Trabuco Canyon Water District	FY 16-17 Annual Retail Service Connection charge	43,383.90
07/29/16	City of Brea	FY 16-17 Annual Retail Service Connection charge	137,345.85
07/29/16	City of Huntington Beach	FY 16-17 Annual Retail Service Connection charge	581,280.75
07/29/16	Yorba Linda Water District	FY 16-17 Annual Retail Service Connection charge	270,508.80
07/06/16	Irvine Ranch Water District	Printing of Sunset Waterwise booklet	1,572.35
07/12/16	City of San Juan Capistrano	Printing of Sunset Waterwise booklet	707.55
07/12/16	Santa Margarita Water District	Printing of Sunset Waterwise booklet	786.18
07/13/16	Laguna Beach County Water District	Printing of Sunset Waterwise booklet	2,358.53
07/15/16	City of Anaheim	Printing of Sunset Waterwise booklet	1,572.35
07/15/16	City of Tustin	Printing of Sunset Waterwise booklet	786.17

Municipal Water District of Orange County
REVENUE / CASH RECEIPT REPORT
July 2016

MISCELLANEOUS REVENUES

Date	From	Description	Amount
07/18/16	El Toro Water District	Printing of Sunset Waterwise booklet	393.09
07/19/16	Moulton Niguel Water District	Printing of Sunset Waterwise booklet	2,358.53
07/25/16	City of La Habra	Printing of Sunset Waterwise booklet	1,572.35
07/25/16	Emerald Bay Water District	Printing of Sunset Waterwise booklet	157.24
07/29/16	City of Garden Grove	Printing of Sunset Waterwise booklet	157.24
07/29/16	City of Huntington Beach	Printing of Sunset Waterwise booklet	393.09
07/29/16	Yorba Linda Water District	Printing of Sunset Waterwise booklet	393.09

TOTAL MISCELLANEOUS REVENUES \$ 3,259,801.84

TOTAL REVENUES \$ 20,827,021.06



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Core Expenditures:		
1113	Richard Ackerman July 2016 Legal consulting on water policy issues	1,275.00
	*** Total ***	1,275.00
38194	Aleshire & Wynder LLP June 2016 Legal services	4,613.00
	*** Total ***	4,613.00
516071199	ALTA FoodCraft 7/15/16 Coffee & tea supplies	285.10
	*** Total ***	285.10
55401-JUN16 776104	Best Best and Krieger LLP June 2016 Legal services June 2016 State legislative advocacy services	7,868.00 8,024.96
	*** Total ***	15,892.96
G1-2016-168	California Urban Water Conservation Council 2016 Annual membership dues	8,006.00
	*** Total ***	8,006.00
80559806/19	CDM Smith 5/29/16-6/30/16 Engineering services for Water Reliability Investigation	22,479.50
	*** Total ***	22,479.50
SI0016897	Finley & Cook 10/1/16-9/30/17 Annual phone support for Navision software	6,675.14
	*** Total ***	6,675.14
21505311	Fry's Electronics 7/15/16 Computer supplies	183.58
	*** Total ***	183.58
3520	Gladwell Governmental Services Inc. July 2016 Services to evaluate and revise records management policies and procedures	2,475.00
	*** Total ***	2,475.00
53933564 53966850	GovConnection, Inc. Visio Pro 2016 software 7/20/16-7/19/19 Arcserve backup software with Cloud storage	634.76 12,094.31
	*** Total ***	12,729.07
105-0716	James C. Barker, P.C. July 2016 Federal legislative advocacy services	9,099.95
	*** Total ***	9,099.95

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	Lewis Consulting Group, LLC	
2016-134	July 2016 Consulting services	3,250.00
	*** Total ***	3,250.00
	Mission RCD	
2036	June 2016 Turf Removal program surveys and audits	20,574.30
	*** Total ***	20,574.30
	Norco Delivery Services	
705678	7/1/16 Delivery charges for Board packets	72.84
	*** Total ***	72.84
	Office Solutions	
I-00994641	7/21/16 Office supplies	559.65
I-00995502	7/22/16 Office supplies	81.68
	*** Total ***	641.33
	Orange County Water District	
16418	June 2016 50% of WACO expenses	231.72
16477	June 2016 Postage, shared office & maintenance expense	10,225.89
16442	Shared costs for OCWD/MWDOC common area, MWDOC entry and restroom remodel construction	336,385.14
	*** Total ***	346,842.75
	Patricia Kennedy Inc.	
20924	August 2016 Plant maintenance	214.00
	*** Total ***	214.00
	Southern California Water Committee	
26930	2016 Annual membership dues	850.00
	*** Total ***	850.00
	Staples Advantage	
8039940399	7/2/16 Office supplies	95.56
	*** Total ***	95.56
	Stetson Engineers Inc.	
3749	February-June 2016 Technical services provided for Consumer Confidence Reports	29,789.92
	*** Total ***	29,789.92
	U. S. HealthWorks Medical Group	
2939540-CA	June 2016 Pre-employment exams	480.00
	*** Total ***	480.00
	USAFact Inc.	
6070910	June 2016 Pre-employment background inquiries	113.32
	*** Total ***	113.32

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	Water District Jobs	
1131607	Employment ad for Emergency Programs Coordinator position	145.00
	*** Total ***	145.00
	WaterWise Consulting, Inc.	
4656	July 2016 Turf Removal program surveys and audits	3,645.00
	*** Total ***	3,645.00
	Pauline D. Wennerstrom	
070816	July 2016 Retiree medical premium	70.80
	*** Total ***	70.80
	Total Core Expenditures	<hr/> 490,499.12

Choice Expenditures:

	Chambers Group Inc.	
30894	May-June 2016 Baseline environmental monitoring for Doheny Ocean Desal project	28,895.20
	*** Total ***	28,895.20
	Discovery Science Center	
DSOC/IV/14-	June 2016 School program	17,246.25
	*** Total ***	17,246.25
	Geoscience Support Services	
15025-16-01	May 2016 Doheny Slant Well and Mobile Test Facility Decommissioning	6,630.00
15025-16-02	June 2016 Doheny Slant Well and Mobile Test Facility Decommissioning	8,635.20
	*** Total ***	15,265.20
	Orange County Water District	
16477	June 2016 Postage for rebate programs	502.41
	*** Total ***	502.41
	Top Hat Productions	
91868	7/26/16 Lunch for Water Loss Control workgroup	403.38
	*** Total ***	403.38
	Total Choice Expenditures	<hr/> 62,312.44

**Municipal Water District of Orange County
Disbursement Approval Report
For the month of August 2016**

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
Other Funds Expenditures:		
	Mission RCD	
2049	June 2016 Field verifications for rebate programs	14,225.68
	*** Total ***	14,225.68
	Total Other Funds Expenditures	<u>14,225.68</u>
	Total Expenditures	<u><u>567,037.24</u></u>

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
Core Disbursements:				
135660	7/6/16	TIMEWA 5210-JUL16	Time Warner Cable July 2016 Telephone and internet expense ***Total ***	 1,280.57 1,280.57
135666	7/7/16	VERIZO 9767594044	Verizon Wireless June 2016 4G Mobile broadband unlimited service ***Total ***	 76.02 76.02
135744	7/15/16	BELLRI 062916	Richard Bell June 2016 Business expense ***Total ***	 32.40 32.40
135754	7/15/16	HOMED1 7785-JUN16	Home Depot Credit Services 6/8/16 Office supplies ***Total ***	 108.01 108.01
135757	7/15/16	LYONKE 063016	Keith Lyon May-June 2016 Business expense ***Total ***	 29.92 29.92
135766	7/15/16	STAPLC 4362-JUL16	Staples Credit Plan 8 Gift cards for Poster/Slogan contest teacher incentives ***Total ***	 800.00 800.00
135768	7/15/16	TAMARI 063016	Satoru Tamaribuchi June 2016 Business expense ***Total ***	 166.32 166.32
135770	7/15/16	TIMEWA 3564-JUL16	Time Warner Cable July 2016 Telephone expense for 4 analog fax lines ***Total ***	 143.75 143.75
135771	7/15/16	VOLZKE 063016	Jonathan Volzke June 2016 Business expense ***Total ***	 186.24 186.24
ACH002050	7/15/16	ACKEEX 063016	Linda Ackerman June 2016 Business expense ***Total ***	 60.48 60.48
ACH002053	7/15/16	BARBRE 063016	Brett Barbre June 2016 Business expense ***Total ***	 285.66 285.66

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
ACH002054	7/15/16	BERGJO 062816	Joseph Berg May-June 2016 Business expense ***Total ***	 143.87 143.87
ACH002057	7/15/16	DICKEK 063016	Larry Dick June 2016 Business expense ***Total ***	 116.10 116.10
ACH002059	7/15/16	FINNEG 063016	Joan Finnegan June 2016 Business expense ***Total ***	 105.32 105.32
ACH002061	7/15/16	HINMAN 063016	Susan Hinman June 2016 Business expense ***Total ***	 375.22 375.22
ACH002064	7/15/16	LOEWEN 063016	Laura Loewen June 2016 Business expense ***Total ***	 164.61 164.61
ACH002080	7/15/16	THOMAS 063016	Jeffery Thomas June 2016 Business expense ***Total ***	 134.46 134.46
135814	7/29/16	USBANK 4140/5443-JUN16	U.S. Bank 5/23/16-6/22/16 Cal Card charges ***Total ***	 11,557.01 11,557.01
135815	7/29/16	IRONMO MUG4566 MUG4566A	Iron Mountain June 2016 Retrieval/destruction of archived documents July 2016 Archived document storage fees ***Total ***	 1,310.28 372.09 1,682.37
ACH002083	7/29/16	KANZLE 063016	Andrew Kanzler June 2016 Business expense ***Total ***	 118.80 118.80
ACH002086	7/29/16	BACATI 062916	Tiffany Baca May-June 2016 Business expense ***Total ***	 138.41 138.41
ACH002087	7/29/16	BAUMHA 063016	Melissa Baum-Haley May-June 2016 Business expense ***Total ***	 112.94 112.94

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
ACH002088	7/29/16	DOUGLA 072116	Ryan Douglass July 2016 Business expense ***Total ***	 24.00 24.00
ACH002096	7/29/16	SECKEL 072016	Karl Seckel July 2016 Business expense ***Total ***	 377.27 377.27
ACH002097	7/29/16	HAGESH 063016	Shenandoah Hage June 2016 Business expense ***Total ***	 19.76 19.76
Total Core Disbursements				18,239.51

Choice Disbursements:

135764	7/15/16	SDGE 49159257768-JUN16	San Diego Gas and Electric 5/19/16-6/20/16 Electrical service for Doheny Ocean Desal project ***Total ***	 136.01 136.01
Total Choice Disbursements				136.01

Other Funds Disbursements:

		TURFRP	Turf Removal Program	
135563	7/1/16	TR6-BREA-10601-955	Evangelical Christian Credit Union (Brea)	22,302.00
135565	7/1/16	TR5W-GG-4009	G. Hubert	1,542.35
135566	7/1/16	TR5W-NWPT-4459	B. & L. Raya	782.00
135567	7/1/16	TR6-NWPT-7949-1621	V. Rizof	380.00
135568	7/1/16	TR6-O-6129-2223	J. Barnhart	62.79
135569	7/1/16	TR5W-SC-1201	J. Lazar	772.50
135570	7/1/16	TR5W-SC-4203	E. Mauldin	1,140.00
135571	7/1/16	TR6-SC-10235-1210	R. Collacott	2,790.00
135572	7/1/16	TR6-SC-6990-2176	L. Yawn	1,100.00
135573	7/1/16	TR5W-SJC-5341ADD	Marbella Property Owners Assn. (San Juan Capistrano)	19,020.00
135574	7/1/16	TR5W-TUST-4122ADD	A. Roberts	580.27
135575	7/1/16	TR5W-TUST-4542	A. Phillips	412.31
135576	7/1/16	TR6-TUST-7689-18081	C. Guillen	1,536.80
135577	7/1/16	TR6-TUST-8252-13411	P. Albarian	715.12
135578	7/1/16	TR6-WEST-7702-13372	E. Johnson	5,323.75
135579	7/1/16	TR6-WEST-8504-8430	K. Turnbaugh	3,443.00
135580	7/1/16	TR5W-IRWD-5580	N. Hsu	5,570.00
135581	7/1/16	TR6-IRWD-10090-37	M. Nasri	1,154.00
135582	7/1/16	TR6-IRWD-10131-2	L. Rowe	1,126.00
135583	7/1/16	TR6-IRWD-10460-38	K. Papurt	1,164.61
135584	7/1/16	TR6-IRWD-6363-22	J. Hittelman	1,360.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
135585	7/1/16	TR6-IRWD-6799-16	M. Gamboa	2,796.00
135586	7/1/16	TR6-IRWD-7275-2331	J. Riaille	2,522.00
135587	7/1/16	TR6-IRWD-8096-29	A. Yokota	256.26
135588	7/1/16	TR6-IRWD-8741-19	S. Hunt	1,070.00
135589	7/1/16	TR6-IRWD-9009-25441	S. Dittmar	4,244.00
135590	7/1/16	TR6-IRWD-9314-301	J. Schuster	5,126.86
135591	7/1/16	TR6-IRWD-9641-7701	M. Golchini	6,000.00
135592	7/1/16	TR7-IRWD-10671-10541	M. Forkert	6,000.00
135593	7/1/16	TR7-IRWD-10706-5	N. Jazayeri	1,674.00
135594	7/1/16	TR7-IRWD-11384-66	R. Tarlton	1,008.00
135595	7/1/16	TR7-IRWD-11690-31	K. Graham	160.00
135596	7/1/16	TR7-IRWD-11693-24901	D. Senger	3,076.00
135597	7/1/16	TR7-IRWD-11995-15	C. Tooker	3,614.33
135598	7/1/16	TR7-IRWD-12024-22052	E. Oleary	5,294.00
135599	7/1/16	TR7-IRWD-12049-25852	P. McCarron	2,960.00
135600	7/1/16	TR7-IRWD-23491-21861	K. White	2,940.00
135601	7/1/16	TR7-IRWD-23575-26151	R. Silao	1,420.00
135602	7/1/16	TR7-IRWD-23610-4142	S. Khan	1,930.00
135603	7/1/16	TR7-IRWD-23799-24561	M. Aguinaga	2,612.00
135604	7/1/16	TR7-IRWD-23842-25165	T. Banh	2,228.00
135605	7/1/16	TR7-IRWD-23913-20	K. Yagisawa	662.00
135606	7/1/16	TR7-IRWD-24012-48	D. Keddy	2,892.00
135608	7/1/16	TR7-IRWD-24107-1	S. Chen	1,285.00
135609	7/1/16	TR6-MESA-6427-3025ADD	L. Nguyen	1,179.00
135610	7/1/16	TR6-MESA-6570-3023	R. Serrano	2,732.00
135611	7/1/16	TR6-MESA-7361-201	D. Bryant	4,468.00
135612	7/1/16	TR5-MNT-245	P. Luce	1,424.66
135613	7/1/16	TR5W-MNT-4041	Ridgemont HOA (Laguna Hills)	50,569.75
135614	7/1/16	TR5W-MNT-4407	Regency Centers LP #9005 (Laguna Niguel)	6,097.50
135615	7/1/16	TR5W-MNT-4472	B. McLane	4,802.00
135616	7/1/16	TR5W-MNT-4731	L. Schaffer	4,249.00
135617	7/1/16	TR5W-MNT-5088	S. Morris	1,639.00
135618	7/1/16	TR5W-MNT-5249	St. Tropez Homeowners Association (Aliso Viejo)	7,152.00
135619	7/1/16	TR5W-MNT-8568ADD	S. Baker	1,737.59
135620	7/1/16	TR6-MNT-10209-26812ADD	P. Garcia	1,827.00
135621	7/1/16	TR6-MNT-6307-1	Soka University of America (Aliso Viejo)	48,705.50
135622	7/1/16	TR6-MNT-6344-28912	K. Schiller	500.00
135623	7/1/16	TR6-MNT-6651-29182	S. Lopez	3,451.00
135624	7/1/16	TR6-MNT-6687-24682	J. Cameron	2,474.50
135625	7/1/16	TR6-MNT-6789-24852	R. Dexter	4,691.00
135626	7/1/16	TR6-MNT-7403-26566	T. Lehr	9,404.50
135627	7/1/16	TR6-MNT-9759-3	Q. Shareef	2,625.00
135628	7/1/16	TR6-MNT-9894-25301	B. Rumbaugh	1,580.61
135629	7/1/16	TR7-MNT-11449-85	E. Lavin	2,116.00
135630	7/1/16	TR7-MNT-23459-27542	J. Kranawetter	4,562.00
135631	7/1/16	TR7-MNT-23611-29322	W. Yow	1,359.11
135632	7/1/16	TR7-MNT-23774-4	T. Reimers	6,233.50
135633	7/1/16	TR7-MNT-23850-24581ADD	T. Duray	634.00
135634	7/1/16	TR7-MNT-23868-26132	G. Guzynski	1,476.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
135635	7/1/16	TR7-MNT-23904-115ADD	Fieldcrest Villas HOA #4 (Aliso Viejo)	3,803.00
135636	7/1/16	TR7-MNT-23911-5	K. Sayles	700.00
135637	7/1/16	TR7-MNT-24007-23631	C. Wang	836.50
135638	7/1/16	TR5W-SM-4958ADD	H. Da Silva	194.00
135639	7/1/16	TR7-MNT-24023-28726	A. Kosar	1,106.00
135640	7/1/16	TR5W-SM-5276	J. Andrew	742.44
135641	7/1/16	TR7-MNT-24027-23931	W. Sutton	1,500.00
135642	7/1/16	TR6-SM-10167-41	J. Villamater	2,434.00
135643	7/1/16	TR7-MNT-24070-25872	B. Emami	2,782.02
135644	7/1/16	TR7-MNT-24075-4	T. Wilkerson	257.76
135645	7/1/16	TR5W-SM-4538	R. Aldrich	1,250.00
135646	7/1/16	TR6-SM-7469-27836	P. Butelo	2,204.00
135647	7/1/16	TR5W-SM-5470	Silver-Bronze Corporation (Rancho Santa Margarita)	25,000.00
135648	7/1/16	TR6-SM-8631-24052	B. Hines	5,630.00
135649	7/1/16	TR6-SM-9164-32	L. Eisenberg	994.94
135650	7/1/16	TR6-SM-6431-22300	Canyon Estates Community Association (Mission Viejo)	2,107.00
135651	7/1/16	TR5-SOCO-105	Laguna Beach Golf & Bungalow Village, LLC	2,028.84
135652	7/1/16	TR6-SOCO-7958-26472	F. Robinson	1,890.00
135654	7/1/16	TR5W-YLWD-5592	Rancho Dominguez Townhome Assoc. (Yorba Linda)	20,077.00
135655	7/1/16	TR6-YLWD-9573-724	B. Mar	2,396.00
135656	7/1/16	TR5W-MNT-4357	S. Shad	8,694.00
			***Total ***	398,365.67
135658	7/6/16	ATTEOC	AT&T	
		0532-JUN16	June 2016 WEROC N. EOC dedicated phone line	75.50
		4492-JUN16	June 2016 WEROC N. EOC telephone expense	250.00
		8200-JUN16	June 2016 WEROC S. EOC telephone expense	180.00
			***Total ***	505.50
135661	7/6/16	TURFRP	Turf Removal Program	
		TR6-MNT-7966-25681	C. Thompson	2,115.00
			***Total ***	2,115.00
		TURFRP	Turf Removal Program	
135662	7/7/16	TR5-IRWD-297	Bonita Canyon Maintenance Assn. (Irvine)(Re-issue)	62,780.00
135663	7/7/16	TR5W-IRWD-3383	Westpark Maintenance District (Irvine)	53,000.00
135664	7/7/16	TR5W-IRWD-3383ADD	Westpark Maintenance District (Irvine)	53,000.00
135665	7/7/16	TR7-IRWD-23561-25712	Le Parc HOA (Lake Forest)	11,469.00
			***Total ***	180,249.00
135666	7/7/16	VERIZO	Verizon Wireless	
		9767594044	June 2016 4G Mobile broadband unlimited service	38.01
			***Total ***	38.01
		TURFRP	Turf Removal Program	
135667	7/8/16	TR7-R-MNT-4654-4571	E. Baron	955.00
135668	7/8/16	TR7-R-IRWD-4292-4218	P. Blen	1,000.00
135669	7/8/16	TR7-R-IRWD-4822-4741	S. Buendia	1,394.00
135670	7/8/16	TR7-MNT-24942-24	S. Bush	748.00

Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
135671	7/8/16	TR7-R-IRWD-4815-4734	L. Chuang	1,328.00
135672	7/8/16	TR7-BP-23962-6906	B. Clark	500.00
135673	7/8/16	TR7-SM-11753-68	B. Constable	922.00
135675	7/8/16	TR7-R-MNT-4384-4307	V. Deshmukh	3,000.00
135676	7/8/16	TR7-R-MNT-4370-4294	M. Elmi	1,500.00
135677	7/8/16	TR7-R-MNT-4408-4328	V. Gonzalez	2,668.00
135678	7/8/16	TR7-TUST-23708-12367	M. Harris	6,000.00
135679	7/8/16	TR7-R-MNT-4519-4440	R. Hinchey	787.50
135680	7/8/16	TR7-MESA-23585-2015	B. Horvath	65.65
135681	7/8/16	TR7-R-IRWD-4279-4199	P. Ireland	1,530.00
135682	7/8/16	TR7-R-IRWD-4632-4551	G. Isarowong	608.00
135683	7/8/16	TR7-SJC-11851-25241	J. Kessler	1,152.00
135684	7/8/16	TR7-R-IRWD-4689-4606	E. Lajom	828.00
135685	7/8/16	TR7-R-IRWD-4719-4639	W. Lao	2,130.00
135686	7/8/16	TR7-YLWD-11019-5931	R. Lucidi	2,100.80
135687	7/8/16	TR7-HB-11151-19525	L. Mahoney	616.00
135688	7/8/16	TR8-R-IRWD-4931-4856	L. Martinez	2,342.00
135689	7/8/16	TR8-R-IRWD-4870-4796	W. Ng	470.01
135690	7/8/16	TR7-O-11571-4423	T. Nguyen	1,011.79
135691	7/8/16	TR7-R-MNT-2053-2001	D. Nicklin	4,762.00
135692	7/8/16	TR7-R-IRWD-4421-4339	W. Palmer	946.00
135693	7/8/16	TR7-R-IRWD-4231-4155	M. Peterson	2,782.00
135694	7/8/16	TR7-MNT-24003-6	M. Pham	1,994.69
135695	7/8/16	TR8-R-IRWD-4888-4813	J. Rael	800.00
135696	7/8/16	TR7-R-IRWD-3093-3034	S. Ryan-Riggs	528.00
135697	7/8/16	TR7-R-MNT-4336-4260	R. Sadeed	309.23
135698	7/8/16	TR7-SM-23675-20	P. Saheli	1,816.21
135699	7/8/16	TR7-R-BREA-3106-3044	H. Xin	96.09
135700	7/8/16	TR7-C-O-3111-3050	RMHCSC (Orange)	2,366.00
135701	7/8/16	TR7-HB-11023-7742	Village Court (Huntington Beach)	21,532.04
135702	7/8/16	TR6-HB-6110-19112	M. Rule	1,422.00
135703	7/8/16	TR5W-NWPT-4218	M. White	974.00
135704	7/8/16	TR5W-O-4206	K. Flewellen	1,200.00
135705	7/8/16	TR6-O-9432-3102	T. Vernon	1,256.05
135706	7/8/16	TR6-O-9433-7631	C. Miller	1,640.00
135707	7/8/16	TR6-SC-6350-114	K. Maes	3,407.73
135708	7/8/16	TR5W-GSWC-4056	G. Rewers	586.44
135709	7/8/16	TR5-IRWD-220	C. Jameson	759.76
135710	7/8/16	TR5W-IRWD-5828	A. Tseng	374.00
135711	7/8/16	TR6-IRWD-7501-52	G. Nguyen	196.29
135712	7/8/16	TR6-IRWD-9044-14	E. Sung Lin	1,936.00
135713	7/8/16	TR6-IRWD-9224-8	K. or A. Steele	856.00
135714	7/8/16	TR7-IRWD-11589-35	T. Ho	515.00
135715	7/8/16	TR7-IRWD-11665-67	L. Rodriguez	913.69
135716	7/8/16	TR7-IRWD-11920-22962	B. Pham	1,913.86
135717	7/8/16	TR7-IRWD-23700-9	M. Verma	1,530.00
135718	7/8/16	TR7-IRWD-23825-26	S. How	728.13
135719	7/8/16	TR7-IRWD-23918-22661	C. Branson	2,424.00
135720	7/8/16	TR6-MESA-7629-2650	Newport-Mesa Unified School District	50,000.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
135722	7/8/16	TR7-MNT-11631-33	CCA / Aliso Viejo Country Club	480,050.00
135723	7/8/16	TR5W-MNT-4403	G. Marrero	699.30
135724	7/8/16	TR6-MNT-6331-15	P. Mokhtari-Shahabi	7,731.50
135725	7/8/16	TR6-MNT-8546-25135	N. McGee	1,890.00
135726	7/8/16	TR6-MNT-8712-24771	A. Swift	2,997.96
135727	7/8/16	TR6-MNT-9189-26322	R. Horn	9,165.77
135728	7/8/16	TR7-MNT-23470-23971	R. Shirmardian	5,832.00
135729	7/8/16	TR7-MNT-23754-25451	B. Farahmand	2,023.91
135730	7/8/16	TR7-MNT-24032-27851	B. Ansary	1,841.36
135731	7/8/16	TR7-MNT-24050-25272	A. Kelly	600.00
135732	7/8/16	TR6-SM-6122-24771	D. Karsten	398.33
135733	7/8/16	TR6-SM-9584-2	P. Rasic	1,126.00
135734	7/8/16	TR6-YLWD-10021-27800	H. Patel	2,878.00
135735	7/8/16	TR6-YLWD-7261-19439ADD	L. Yang	219.54
135736	7/8/16	TR6-TUST-9617-178	W. Gribble	1,524.09
			***Total ***	663,199.72
		TURFRP	Turf Removal Program	
135737	7/15/16	TR6-SOCO-8162-34A	A. Thrailkill (Re-issue)	3,082.00
135738	7/15/16	TR7-TUST-24750-2152B	J. Dahl (Re-issue)	4,269.16
			***Total ***	7,351.16
135741	7/15/16	ATTUVEOC 8599-JUL16	AT&T July 2016 U-verse internet service for WEROC N. EOC	55.00
			***Total ***	55.00
ACH002054	7/15/16	BERGIO 062816	Joseph Berg May-June 2016 Business expense	4.50
			***Total ***	4.50
ACH002065	7/15/16	MESAWA 8886	Mesa Water May 2016 Credit for Local Resources program	28,711.80
			***Total ***	28,711.80
		TURFRP	Turf Removal Program	
135774	7/20/16	TR5W-LB-3526	C. Capretz (Re-issue)	5,406.00
135775	7/20/16	TR5W-MNT-3892	A. Abner (Re-issue)	1,117.58
135776	7/20/16	TR6-FV-6421-11617	M. Duncan	784.00
135777	7/20/16	TR7-IRWD-24058-39	Y. Zhang	1,614.00
135778	7/20/16	TR6-MESA-8347-2501A	Mesa Water District for Fairview Developmental Center	50,000.00
			***Total ***	58,921.58
135779	7/26/16	TURFRP TR7-R-SM-3072-3015	Turf Removal Program J. Tolbert (Re-issue)	2,076.00
			***Total ***	2,076.00

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

Check #	Date	Vendor # Invoice/CM #	Name / Description	Net Amount
135780	7/28/16	TURFRP	Turf Removal Program	
		TR6-BREA-8791-1891	R. Ren (Re-issue)	717.87
			***Total ***	717.87
		TURFRP	Turf Removal Program	
135781	7/29/16	TR7-HB-11121-17002	M. White	2,636.00
135782	7/29/16	TR7-C-IRWD-4332-4272	Willow Glen HOA (Lake Forest)	23,455.00
135783	7/29/16	TR7-IRWD-24892-2313	L. Pittman	3,350.00
135784	7/29/16	TR7-R-IRWD-4572-4490	P. Wilkinson	2,238.00
135785	7/29/16	TR7-R-IRWD-4584-4502	I. Chu	2,218.00
135786	7/29/16	TR7-R-IRWD-4644-4562	J. Huang	1,039.72
135787	7/29/16	TR7-R-IRWD-4803-4722	P. Panda	1,228.00
135788	7/29/16	TR8-R-IRWD-4835-4754	D. Weinhold	1,250.00
135789	7/29/16	TR8-R-IRWD-5010-4937	B. Tingey	2,010.00
135790	7/29/16	TR7-MNT-24833-23745-ADJ	R. Zaccuri	1,623.00
135791	7/29/16	TR7-MNT-24844-29572-ADJ	M. Abolhassani	1,476.00
135792	7/29/16	TR7-MNT-24896-19-ADJ	J. Czochanski	576.00
135793	7/29/16	TR7-MNT-24933-27475-ADJ	W. Fine	414.00
135794	7/29/16	TR7-MNT-24943-32-ADJ	G. Bush	375.00
135795	7/29/16	TR7-MNT-24949-28972-ADJ	M. Boone	75.00
135796	7/29/16	TR7-R-MNT-4435-4356	C. Schellin	1,893.00
135797	7/29/16	TR7-R-MNT-4456-4379	B. Fluhr	3,437.00
135798	7/29/16	TR7-R-MNT-4544-4464	J. Scherffius	1,000.00
135799	7/29/16	TR7-R-MNT-4571-4489	A. Salahshour	3,430.00
135800	7/29/16	TR7-R-MNT-4604-4522	L. Brooks	1,316.00
135801	7/29/16	TR7-R-MNT-4824-4743	A. Faigin	2,226.00
135802	7/29/16	TR7-R-MNT-758-710-ADJ	M. Kubicek	1,035.00
135803	7/29/16	TR7-R-SJC-738-689-ADJ	C. Coppola	500.00
135804	7/29/16	TR7-YLWD-11599-3874	S. Girgis	2,000.00
			***Total ***	60,800.72
135806	7/29/16	CATALI	Catalina Island Conservancy	
		0012973	July 2016 WEROC radio repeater site lease	1,636.47
			***Total ***	1,636.47
		HUBBAR	Kelly Hubbard	
ACH002089	7/29/16	063016	June 2016 Business expense	76.66
ACH002090	7/29/16	053116	May 2016 Business expense	100.64
			***Total ***	177.30
ACH002098	7/29/16	SANTAM	Santa Margarita Water District	
		MAY2016	May 2016 SCP Operation Surcharge	25,360.16
			***Total ***	25,360.16

**Municipal Water District of Orange County
Disbursement Ratification Report
For the month of July 2016**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
WIRE-160729	7/29/16	METWAT 8708	Metropolitan Water District May 2016 Water deliveries ***Total ***	16,484,066.54 16,484,066.54
Total Other Funds Disbursements				17,914,352.00
Total Disbursements				17,932,727.52

Robert J. Hunter, General Manager

Hilary Chumpitazi, Treasurer

Cal Card Statement Detail
Statement Date: June 22, 2016
Payment Date: July 29, 2016

Date	Description	Amount
<u>K. Seckel Card</u>		
05/23/16	Dropbox renewal for secure file sharing and storage	99.00
05/24/16	UPS delivery charges for Board & Committee packets on May 27, 2016	61.82
05/24/16	Orange County Business Council Election Day lunch in Newport Beach, CA on Jun. 7, 2016 - Registration for H. Baez	85.00
05/24/16	ACWA Legislative meeting in Sacramento, CA on Jun. 10, 2016 - Airfare for H. Baez	473.96
05/24/16	American Water Works Association Annual conference in Chicago, IL from Jun. 19-22, 2016 - Airfare for R. Hunter	713.20
05/25/16	Lunch for Legislative workgroup	244.80
05/25/16	California Chamber of Commerce Pregnancy Disability Leave webinar on May 26, 2016 - Registration for K. Davanaugh	199.00
05/25/16	1 New Nintendo and 4 Apple iPads for Poster/Slogan contest winners	1,557.11
05/25/16	Symplicity employment ad for Water Use Efficiency intern position	275.00
05/25/16	California Urban Water Conservation Council Peer-to-Peer workshop in San Francisco, CA from Jun. 1-2, 2016 - Accommodations for J. Berg	174.68
05/25/16	California Urban Water Conservation Council Peer-to-Peer workshop in San Francisco, CA from Jun. 1-2, 2016 - Accommodations for A. Kanzler	174.68
05/26/16	Orange County Business Council Advocacy trip in Washington, DC from May 23-25, 2016 - Refunded accommodations for Director Barbre	(707.15) ¹
05/31/16	Staff development lunch	233.50
06/02/16	40 Collapsible buckets for Poster/Slogan contest winners	518.00
06/02/16	50 Sports bottles for Poster/Slogan contest winners	234.43
06/07/16	Carpet cleaning for MWD OC offices	800.00
06/07/16	American Water Works Association Annual conference in Chicago, IL from Jun. 19-22, 2016 - Accommodations for R. Hunter	1,263.64
06/07/16	Sand etching for plate presented to Wyland	25.00
06/09/16	OC Public Relations Society of America Behind the Scenes of Award-Winning Campaigns breakfast in Costa Mesa, CA on Jun. 23, 2016 - Registration for T. Baca, L. Loewen, B. Roberto and J. Volzke	61.60
06/09/16	Meeting with J. Meral and J. Grindstaff in Corte Madera, CA on Jun. 27, 2016 - Airfare for R. Hunter	381.96
06/09/16	Meeting with J. Meral and J. Grindstaff in Corte Madera, CA on Jun. 27, 2016 - Airfare for Director Tamaribuchi	381.96
06/13/16	UPS delivery charges for Board & Committee packets on Jun. 10, 2016	7.00
06/13/16	Maintenance and premium support for 5 Smartdraw licenses	349.75
06/13/16	Legislative activities in Washington, DC from Nov. 16-18, 2016 - Airfare for Director Barbre	620.19 ²
06/14/16	5 Toner cartridges	270.36

Cal Card Statement Detail
Statement Date: June 22, 2016
Payment Date: July 29, 2016

Date	Description	Amount
06/15/16	Lunch for Managers' meeting	482.26
06/16/16	Lunch for Public Affairs workshop	190.80
06/18/16	Cinemark movie tickets for employee purchase	435.00
06/20/16	Southern California Water Committee Water Energy workshop in Anaheim, CA on Jun. 22, 2016 - Registration for Director Tamaribuchi	70.00
06/20/16	UPS delivery charges for Board & Committee packets on Jun. 10, 2016	49.43
06/20/16	2016 Compliance Supplemental for Single Audits webinar - Registration for J. Berg, H. Chumpitazi, B. Fahl and A. Kanzler	249.00
06/20/16	Cal Desal Executive Board meeting on Jul 7, 2016 in Sacramento, CA - Airfare for K. Seckel	276.96
Total		<u>10,251.94</u>

- 1 Hotel billed for stay that was included in conference registration fee
- 2 Director Barbre to reimburse MWDOC \$270.00

R. Hunter Card

05/23/16-06/22/16	Meals for R. Hunter's meetings	97.12
05/25/16-05/26/16	California Environmental Dialogue meeting in Sacramento, CA from May 25-26, 2016 - Accommodations, airfare change, parking and transportation for R. Hunter	343.10
06/02/16	Lunch for East Orange County Feeder #2 meeting	150.00
06/06/16	Legislative activities in Washington, DC from Sep. 7-9, 2016 - Airfare for Director Barbre	573.19 1
06/19/16-06/20/16	American Water Works Association Annual conference in Chicago, IL from Jun. 19-22, 2016 - Meals for R. Hunter	141.66
Total		<u>1,305.07</u>

- 1 Director Barbre to reimburse MWDOC \$270.00

Municipal Water District of Orange County
GM Approved Disbursement Report ⁽¹⁾
For the month of July 2016

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
Core Disbursements:				
135657	7/6/16	ALLIIS 469426	Alliant Insurance Services, Inc. 7/1/16-7/1/17 Workers Comp insurance premium	17,691.50
			***Total ***	17,691.50
135659	7/6/16	CALPER 1-14747092	CALPERS GASB-68 reports & schedules fee	1,300.00
			***Total ***	1,300.00
			Total Core Disbursements	<u>18,991.50</u>
Choice Disbursements:				
			Total Choice Disbursements	<u>-</u>
Other Funds Disbursements:				
			Total Disbursements	<u><u>18,991.50</u></u>

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

June 30, 2016

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.comWayne S. Osborne
PresidentBrett R. Barbre
Vice PresidentLarry D. Dick
DirectorJoan C. Finnegan
DirectorSusan Hinman
DirectorSat Tamaribuchi
DirectorJeffery M. Thomas
DirectorRobert J. Hunter
General Manager**MEMBER AGENCIES**

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

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

Fund	Book Value	% of Portfolio
Designated Reserves		
General Operations	\$2,494,603	22.23%
Grant & Project Cash Flow	1,480,000	13.19%
Election Expense	215,463	1.92%
Building Repair	500,407	4.46%
Total Designated Reserves	4,690,473	41.80%
General Fund	3,273,951	29.18%
Water Fund	5,172,721	46.10%
Conservation Fund	(2,257,597)	(20.12%)
Desalination Feasibility Study Fund	222,385	1.98%
WEROC Fund	105,433	0.94%
Trustee Activities	13,468	0.12%
Total	\$11,220,834	100.00%

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	3.45%	\$386,928	\$386,928
Short-term investment			
• LAIF	1.41%	\$157,563	\$157,563
• OCIP	67.49%	7,573,225	7,573,225
Long-term investment			
• Misc. Securities	6.71%	753,118	764,160
• Certificates of Deposit	20.94%	2,350,000	2,382,666
Total	100.00%	\$11,220,834	\$11,264,542

The average number of days to maturity/call as of June 30, 2016 equaled 258 and the average yield to maturity is 1.080%. During the month, the District's average daily balance was \$19,488,962.20. 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 June 2016.

The \$43,708 difference between the book value and the market value on June 30, 2016 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 ManagerHilary Chumpitazi
Treasurer

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY



Portfolio Management - Portfolio Summary June 30, 2016

6/30/2016	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Certificates of Deposit - Bank	2,350,000.00	2,382,666.50	2,350,000.00	21.70	744	1.700
Local Agency Investment Funds	157,563.02	157,563.02	157,563.02	1.45	1	0.580
Miscellaneous Securities - Coupon	750,000.00	764,160.00	753,118.35	6.92	1388	2.240
Orange County Investment Pool	7,573,225.15	7,573,225.15	7,573,225.15	69.92	1	0.780
Total Investments	10,830,788.17	10,877,614.67	10,833,906.52	100.00%	258	1.080
Cash						
Passbook Checking	386,927.68	386,927.68	386,927.68		1	0.00
Total Cash and Investments	11,217,715.85	11,264,542.35	11,220,834.20		258	1.080

Total Earnings	Month Ending June	Fiscal Year to Date
Current Year	14,262.55	124,946.31
Average Daily Balance	19,488,962.20	
Effective Rate of Return	1.080%	

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.

 8-3-16

Robert J. Hunter, General Manager

Date

 8/3/2016

Hilary Chumtipitzi, Treasurer

Date

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Long-Term Portfolio Details - Investments
June 30, 2016

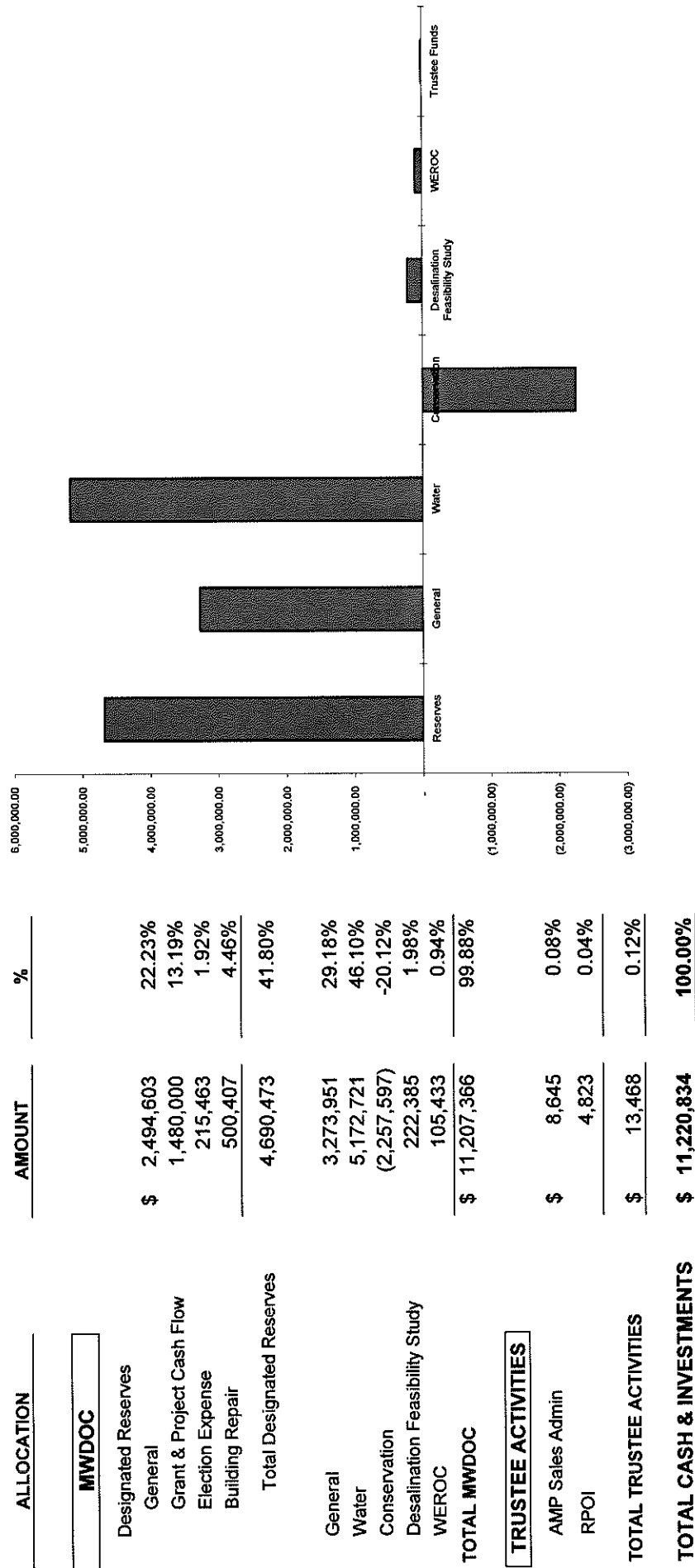
Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Certificate of Deposit - Bank									
Goldman Sachs Bank	38143A4T9	1/23/2013	100,000.00	100,264.00	100,000.00	1.050	1.050	207	1/23/2017
American Express Bank	02006LFV0	7/23/2014	250,000.00	250,887.50	250,000.00	1.150	1.150	389	7/24/2017
Barclays Bank	36163FJC8	7/25/2014	250,000.00	250,887.50	250,000.00	1.200	1.200	390	7/25/2017
Capital One Bank	02587CEA4	7/29/2015	250,000.00	252,065.00	250,000.00	1.450	1.450	578	1/29/2018
Capital One Natl Assn	2546712Y5	7/23/2014	250,000.00	252,765.00	250,000.00	1.600	1.600	753	7/23/2018
CAPITAL ONE BANK	140420TY6	8/5/2015	250,000.00	252,927.50	250,000.00	1.700	1.700	767	8/6/2018
Synchrony Bank	87164XBY1	7/25/2014	250,000.00	256,627.50	250,000.00	2.050	2.050	1125	7/30/2019
Goldman Sachs Bank	14042E6C9	9/2/2015	250,000.00	256,937.50	250,000.00	1.950	1.950	1160	9/3/2019
Barclays Bk	06740KJP3	9/24/2015	250,000.00	256,572.50	250,000.00	1.900	1.900	1180	9/23/2019
Synchrony Bank	40434AK65	1/21/2016	250,000.00	252,732.50	250,000.00	1.550	2.530	570	1/21/2021
Sub Total			2,350,000.00	2,382,666.50	2,350,000.00	1.590	1.700	744	
Miscellaneous Securities - Coupon									
JPMorgan Chase	46625HKA7	11/2/2015	500,000.00	506,875.00	501,658.09	2.250	2.150	1271	1/23/2020
Wells Fargo	94974BGR5	1/13/2016	250,000.00	257,285.00	251,460.26	2.550	2.410	1621	12/7/2020
Sub Total			750,000.00	764,160.00	753,118.35	2.350	2.240	1388	
Total Investments			3,100,000.00	3,146,826.50	3,103,118.35	1.780	1.83	900	

Total Earnings		Month Ending June	Fiscal Year To Date
Current Year		4,430.60	58,478.02

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Portfolio Management
Short-Term Portfolio Details - Cash and Investments
June 30, 2016

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
Local Agency Investment Funds									
LAIF LGIP	LAIF	6/30/2010	157,563.02	157,563.02	157,563.02	0.580	0.580	1	N/A
Sub Total			157,563.02	157,563.02	157,563.02	0.580	0.580	1	
Orange County Investment Pool									
County of Orange LGIP	OCIP	6/29/2005	7,573,225.15	7,573,225.15	7,573,225.15	0.780	0.780	1	N/A
Sub Total			7,573,225.15	7,573,225.15	7,573,225.15	0.780	0.780	1	
Total Investments			7,730,788.17	7,730,788.17	7,730,788.17	0.770	0.770		
Passbook Checking									
Bank of America Cash	CASH0547	7/1/2011	386,427.68	386,427.68	386,427.68	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
Total Cash			386,927.68	386,927.68	386,927.68	0.000	0.000	1	
Total Cash and Investments			8,117,715.85	8,117,715.85	8,117,715.85	0.770	0.770	1	
Total Earnings									
Current Year			9,831.95		Fiscal Year To Date				
									66,468.29

**Municipal Water District of Orange County
Cash and Investments at June 30, 2016**



MUNICIPAL WATER DIST OF ORANGE COUNTY
PARS OPEB Trust Program**Monthly Account Report for the Period**
6/1/2016 to 6/30/2016Rob Hunter
General Manager
Municipal Water Dist of Orange County
18700 Ward Street
Fountain Valley, CA 92708**Account Summary**

Source	Beginning Balance as of 6/1/2016	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 6/30/2016
Employer Contribution	\$1,281,549.62	\$107,332.18	\$5,028.16	\$583.24	\$0.00	\$0.00	\$1,393,326.72
Totals	\$1,281,549.62	\$107,332.18	\$5,028.16	\$583.24	\$0.00	\$0.00	\$1,393,326.72

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	
0.38%	1.98%	0.50%	5.43%	-	-	10/26/2011

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

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

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

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



MUNICIPAL WATER DIST OF ORANGE COUNTY
PARS OPEB Trust Program

Annual Account Report for the Period
7/1/2015 to 6/30/2016

Rob Hunter
General Manager
Municipal Water Dist of Orange County
18700 Ward Street
Fountain Valley, CA 92708

Account Summary							
Source	Beginning Balance as of 7/1/2015	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 6/30/2016
Employer Contribution	\$1,286,254.15	\$107,332.18	\$6,476.79	\$6,736.40	\$0.00	\$0.00	\$1,393,326.72
Totals	\$1,286,254.15	\$107,332.18	\$6,476.79	\$6,736.40	\$0.00	\$0.00	\$1,393,326.72

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	
0.38%	1.98%	0.50%	5.43%	-	-	10/26/2011

Information as provided by US Bank, Trustee for PARS; Not FDIC Insured; No Bank Guarantee; May Lose Value
Past performance does not guarantee future results. Performance returns may not reflect the deduction of applicable fees, which could reduce returns. Information is deemed reliable but may be subject to change.
Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.
Account balances are inclusive of Trust Administration, Trustee and Investment Management fees

Municipal Water District of Orange County
WATER USE EFFICIENCY PROJECTS
Cash Flow as of 07/31/16

Cash - Beginning Balance	Jul 2016	Aug 2016	Sep 2016	Oct 2016	Nov 2016	Dec 2016	Jan 2017	Feb 2017	Mar 2017	Apr 2017	May 2017	Jun 2017	TOTALS
REVENUES:	\$ (2,257,596.90)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	
BUREC													\$
City of Brea	339.97												339.97
City of Buena Park	332.10												332.10
City of Fountain Valley													-
City of Fullerton													-
City of Garden Grove													-
City of Huntington Beach	640.85												640.85
City of La Habra	111.00												111.00
City of San Clemente													-
City of San Juan Capistrano	111.00												111.00
City of Santa Ana													-
City of Tustin	11,583.00												11,583.00
City of Newport Beach													-
City of Orange	2,869.43												2,869.43
City of Westminster													-
County of Orange													-
Department of Water Resources													-
East Orange County Water District													-
El Toro Water District	75.00												75.00
East Orange County Water District													-
Golden State Water Company	1,980.00												1,980.00
Irvine Ranch Water District	93,764.10												93,764.10
Laguna Beach County Water District	1,110.00												1,110.00
Mesa Water District	1,127.37												1,127.37
Metropolitan Water District													-
Moulton Niguel Water District	459,396.32												459,396.32
MWDOC													-
Santa Margarita Water District	6,821.55												6,821.55
Serrano Water District	75.00												75.00
South Coast Water District													-
Trabuco Canyon Water District	475.00												475.00
Yorba Linda Water District													-
Miscellaneous Revenues													-
Miscellaneous													-
Interest Revenue													-
Total Revenues	580,811.69	-	-	-	-	-	-	-	-	-	-	-	\$ 580,811.69
EXPENDITURES:													\$
Aquaficient	5,400.00												5,400.00
Autumn Print Group													-
Awards & Trophies													-
Conservation Consulting, LLC													-
City of Newport Beach													-
El Toro WD													-
Enterprise Information Systems													-
Golden State Water Company													-
Hotel Program													-
Industrial Program													-
Inline Ranch Water District													-
Karen's Detail Custom Frames													-
Laguna Beach CWD													-
Metropolitan Water District	229,162.49												229,162.49
MESA													-
Mission RCD	18,300.13												18,300.13
Public Spaces program													-
Santa Margarita Water District													-
South Coast Water District													-
Spray to Drip program													-
Turf Removal	1,287,489.27												1,287,489.27
US Bank													-
URS													-
Waterwise Consulting													-
Miscellaneous Expenses													-
Interest Expense													-
Salary & Benefit													-
Total Expenditures	1,540,351.89	-	-	-	-	-	-	-	-	-	-	-	\$ 1,540,351.89
Cash - Ending Balance	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	\$ (3,217,137.10)	

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

**UNAUDITED DRAFT
COMBINED FINANCIAL STATEMENTS**

AND

BUDGET COMPARATIVE

JULY 1, 2015 THRU JUNE 30, 2016

**THE FOLLOWING IS SUBJECT TO CHANGE AND ACTUALS ARE
DEFERRED TO THE AUDITED ANNUAL REPORT
TO BE PRESENTED ON NOVEMBER 9, 2016**

**Municipal Water District of Orange County
Combined Balance Sheet
As of June 30, 2016**

<u>ASSETS</u>	Amount
Cash in Bank	386,927.68
Investments	10,833,906.52
Accounts Receivable	35,198,094.19
Accounts Receivable - Other	80,209.22
Accrued Interest Receivable	30,626.70
Prepays/Deposits	470,512.42
Leasehold Improvements	3,026,974.08
Furniture, Fixtures & Equipment	436,910.44
Less: Accum Depreciation	(2,546,618.64)
Net OPEB Asset	92,806.00
	<hr/>
TOTAL ASSETS	\$48,010,348.61
	<hr/>
<u>LIABILITIES AND FUND BALANCES</u>	
Liabilities	
Accounts Payable	35,757,604.62
Accounts Payable - Other	548.12
Accrued Salaries and Benefits Payable	331,385.66
OCWD CUP Balance Payable	2,796,261.80
Other Liabilities	1,017,129.79
Unearned Revenue	2,302,261.15
Total Liabilities	<hr/> 42,205,191.14 <hr/>
Fund Balances	
Restricted Fund Balances	
Water Fund - T2C	962,411.63
Total Restricted Fund Balances	<hr/> 962,411.63 <hr/>
Unrestricted Fund Balances	
Designated Reserves	
General Operations	2,587,408.51
Grant & Project Cash Flow	1,480,000.00
Election Expense	215,463.03
Building Repair	500,407.45
Total Designated Reserves	<hr/> 4,783,278.99 <hr/>
GENERAL FUND	1,307,553.79
WEROC	83,059.22
Total Unrestricted Fund Balances	<hr/> 6,173,892.00 <hr/>
Excess Revenue over Expenditures	
Operating Fund	1,192,062.46
Other Funds	(2,523,208.62)
Total Fund Balance	<hr/> 5,805,157.47 <hr/>
TOTAL LIABILITIES AND FUND BALANCES	\$48,010,348.61
	<hr/>

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July 2015 thru June 2016

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>REVENUES</u>						
Retail Connection Charge	0.00	6,686,659.70	6,687,322.00	99.99%	0.00	662.30
Water rate revenues	0.00	6,686,659.70	6,687,322.00	99.99%	0.00	662.30
Interest Revenue	14,959.82	142,208.39	117,675.00	120.85%	0.00	(24,533.39)
Subtotal	14,959.82	6,828,868.09	6,804,997.00	100.35%	0.00	(23,871.09)
Choice Programs	6,608.00	1,360,155.62	1,302,619.00	104.42%	0.00	(57,536.62)
Choice Prior Year Carry Over	0.00	0.00	243,338.00	0.00%	0.00	243,338.00
Miscellaneous Income	50.74	160,649.54	3,000.00	5354.98%	0.00	(157,649.54)
School Contracts	26,090.75	91,670.15	70,000.00	130.96%	0.00	(21,670.15)
Delinquent Payment Penalty	0.00	173.98	0.00	0.00%	0.00	(173.98)
Gain on Sale of Investments	0.00	13.72	0.00	0.00%	0.00	(13.72)
Transfer-Out To Reserve	0.00	0.00	(64,424.00)	0.00%	0.00	(64,424.00)
Subtotal	32,749.49	1,612,663.01	1,554,533.00	103.74%	0.00	(58,130.01)
TOTAL REVENUES	47,709.31	8,441,531.10	8,359,530.00	100.98%	0.00	(82,001.10)

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
General Fund
From July 2015 thru June 2016

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<u>EXPENSES</u>						
Salaries & Wages	241,734.98	2,919,104.67	3,309,949.00	88.19%	0.00	390,844.33
Salaries & Wages - Grant Recovery	0.00	(22,571.40)	(23,500.00)	96.05%	0.00	(928.60)
Directors' Compensation	16,701.56	191,425.74	220,588.00	86.78%	0.00	29,162.26
MWD Representation	10,775.20	117,833.98	126,050.00	93.48%	0.00	8,216.02
Employee Benefits	66,201.54	815,203.21	863,069.00	94.45%	0.00	47,865.79
OPEB Annual Contribution	107,332.18	107,332.18	105,188.00	102.04%	0.00	(2,144.18)
Employee Benefits - Grant Recovery	0.00	(5,784.57)	0.00	0.00%	0.00	5,784.57
Director's Benefits	5,101.89	68,227.15	60,024.00	113.67%	0.00	(8,203.15)
Health Ins \$'s for Retirees	2,736.13	48,237.42	50,387.00	95.73%	0.00	2,149.58
Training Expense	448.00	3,352.68	18,000.00	18.63%	0.00	14,647.32
Tuition Reimbursement	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Temporary Help Expense	0.00	1,259.54	0.00	0.00%	0.00	(1,259.54)
Personnel Expenses	451,031.48	4,243,620.60	4,734,755.00	89.63%	0.00	491,134.40
Engineering Expense	23,354.50	285,863.68	300,000.00	95.29%	137,112.56	(122,976.24)
Legal Expense	12,481.00	162,778.74	355,000.00	45.85%	3,723.51	188,497.75
Audit Expense	0.00	20,600.00	23,000.00	89.57%	0.00	2,400.00
Professional Services	202,568.65	1,262,061.12	1,541,837.00	81.85%	298,602.52	(18,826.64)
Professional Fees	238,404.15	1,731,303.54	2,219,837.00	77.99%	439,438.59	49,094.87
Conference-Staff	146.60	13,826.02	19,450.00	71.08%	0.00	5,623.98
Conference-Directors	155.00	10,109.00	9,800.00	103.15%	0.00	(309.00)
Travel & Accom.-Staff	3,579.17	43,452.78	56,510.00	76.89%	0.00	13,057.22
Travel & Accom.-Directors	1,643.55	17,371.27	27,600.00	62.94%	0.00	10,228.73
Travel & Conference	5,524.32	84,759.07	113,360.00	74.77%	0.00	28,600.93
Membership/Sponsorship	0.00	95,689.04	103,961.00	92.04%	0.00	8,271.96
CDR Support	0.00	39,739.50	39,740.00	100.00%	0.00	0.50
Dues & Memberships	0.00	135,428.54	143,701.00	94.24%	0.00	8,272.46
Business Expense	(119.86)	5,013.82	6,800.00	73.73%	0.00	1,786.18
Maintenance Office	9,462.37	90,969.58	126,670.00	71.82%	1,237.75	34,462.67
Building Repair & Maintenance	2,061.54	11,196.08	11,000.00	101.78%	0.00	(196.08)
Storage Rental & Equipment Lease	2,965.57	14,870.16	19,000.00	78.26%	0.00	4,129.84
Office Supplies	1,682.98	32,152.65	29,400.00	109.36%	169.84	(2,922.49)
Postage/Mail Delivery	1,112.14	14,351.89	11,285.00	127.18%	0.00	(3,066.89)
Subscriptions & Books	155.46	569.28	2,060.00	27.63%	0.00	1,490.72
Reproduction Expense	10,068.88	11,634.91	70,010.00	16.62%	37.30	58,337.79
Maintenance-Computers	147.82	5,605.67	7,100.00	78.95%	112.72	1,381.61
Software Purchase	3,459.58	15,537.22	18,500.00	83.98%	13.87	2,948.91
Software Support	1,650.53	32,561.19	34,000.00	95.77%	0.00	1,438.81
Computers and Equipment	0.00	16,131.47	17,550.00	91.92%	0.00	1,418.53
Automotive Expense	1,745.77	15,973.85	13,500.00	118.32%	0.00	(2,473.85)
Toll Road Charges	78.31	846.47	1,275.00	66.39%	0.00	428.53
Insurance Expense	8,373.47	100,016.16	96,000.00	104.18%	0.00	(4,016.16)
Utilities - Telephone	1,622.73	18,757.44	19,250.00	97.44%	0.00	492.56
Bank Fees	944.84	10,532.57	17,900.00	58.84%	0.00	7,367.43
Miscellaneous Expense	4,509.69	70,242.60	98,770.00	71.12%	0.00	28,527.40
MWDOC's Contrb. To WEROC	11,817.25	141,807.00	141,807.00	100.00%	0.00	0.00
Depreciation Expense	973.09	11,976.98	0.00	0.00%	0.00	(11,976.98)
Other Expenses	62,712.16	620,746.99	741,877.00	83.67%	1,571.48	119,558.53
MWDOC's Building Expense	378,507.76	400,732.31	400,000.00	100.18%	193,419.14	(194,151.45)
Capital Acquisition	0.00	32,877.59	6,000.00	547.96%	0.00	(26,877.59)
TOTAL EXPENSES	1,136,179.87	7,249,468.64	8,359,530.00	86.72%	634,429.21	475,632.15
NET INCOME (LOSS)	(1,088,470.56)	1,192,062.46	0.00			

Municipal Water District of Orange County
Revenues and Expenditures Budget Comparative Report
Water Fund
From July 2015 thru June 2016

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
<u>WATER REVENUES</u>					
Water Sales	15,368,934.30	128,391,331.00	139,025,078.00	92.35%	10,633,747.00
Readiness to Serve Charge	1,056,174.45	12,939,661.20	13,214,277.00	97.92%	274,615.80
Capacity Charge CCF	402,482.50	4,627,125.00	4,424,460.00	104.58%	(202,665.00)
SCP Surcharge	29,478.21	252,518.29	380,000.00	66.45%	127,481.71
Interest	622.55	5,461.24	2,900.00	188.32%	(2,561.24)
TOTAL WATER REVENUES	16,857,692.01	146,216,096.73	157,046,715.00	93.10%	10,830,618.27
<u>WATER PURCHASES</u>					
Water Sales	15,368,934.30	128,391,331.00	139,025,078.00	92.35%	10,633,747.00
Readiness to Serve Charge	1,056,174.45	12,939,661.20	13,214,277.00	97.92%	274,615.80
Capacity Charge CCF	402,482.50	4,627,125.00	4,424,460.00	104.58%	(202,665.00)
SCP Surcharge	29,478.21	252,518.29	380,000.00	66.45%	127,481.71
TOTAL WATER PURCHASES	16,857,069.46	146,210,635.49	157,043,815.00	93.10%	10,833,179.51
EXCESS OF REVENUE OVER EXPENDITURES	622.55	5,461.24	2,900.00		

Municipal Water District of Orange County
WUE Revenues and Expenditures (Actuals vs Budget)
From July 2015 thru June 2016

	Year to Date Actual	Annual Budget	% Used
Landscape Performance Certification			
Revenues	43,857.68	118,900.00	36.89%
Expenses	<u>61,675.00</u>	<u>118,900.00</u>	51.87%
Excess of Revenues over Expenditures	(17,817.32)	0.00	
Industrial Water Use Reduction			
Revenues	167,757.65	91,236.00	183.87%
Expenses	<u>167,762.30</u>	<u>91,236.00</u>	183.88%
Excess of Revenues over Expenditures	(4.65)	0.00	
Spray To Drip Conversion			
Revenues	130,862.02	57,109.58	229.14%
Expenses	<u>137,363.44</u>	<u>57,109.58</u>	240.53%
Excess of Revenues over Expenditures	(6,501.42)	0.00	
Water Smart Landscape for Public Property			
Revenues	1,069,659.17	137,871.04	775.84%
Expenses	<u>1,160,645.42</u>	<u>137,871.04</u>	841.83%
Excess of Revenues over Expenditures	(90,986.25)	0.00	
Member Agency Administered Passthru			
Revenues	92,935.38	627,000.00	14.82%
Expenses	<u>92,935.38</u>	<u>627,000.00</u>	14.82%
Excess of Revenues over Expenditures	0.00	0.00	
ULFT Rebate Program			
Revenues	312,788.89	658,000.00	47.54%
Expenses	<u>379,042.43</u>	<u>658,000.00</u>	57.61%
Excess of Revenues over Expenditures	(66,253.54)	0.00	
HECW Rebate Program			
Revenues	406,238.48	696,000.00	58.37%
Expenses	<u>407,088.01</u>	<u>696,000.00</u>	58.49%
Excess of Revenues over Expenditures	(849.53)	0.00	
CII Rebate Program			
Revenues	468,915.00	509,000.00	92.12%
Expenses	<u>478,951.00</u>	<u>509,000.00</u>	94.10%
Excess of Revenues over Expenditures	(10,036.00)	0.00	
Large Landscape Survey			
Revenues	17,080.62	85,000.00	20.09%
Expenses	<u>13,328.99</u>	<u>85,000.00</u>	15.68%
Excess of Revenues over Expenditures	3,751.63	0.00	
Indoor-Outdoor Survey			
Revenues	4,905.63	6,800.00	72.14%
Expenses	<u>21.49</u>	<u>6,800.00</u>	0.32%
Excess of Revenues over Expenditures	4,884.14	0.00	
Turf Removal Program			
Revenues	22,899,796.00	19,075,000.00	120.05%
Expenses	<u>25,114,749.80</u>	<u>19,075,000.00</u>	131.66%
Excess of Revenues over Expenditures	(2,214,953.80)	0.00	

Municipal Water District of Orange County
WUE & Other Funds Revenues and Expenditures (Actuals vs Budget)
From July 2015 thru June 2016

	Year to Date Actual	Annual Budget	% Used
Comprehensive Landscape (CLWUE)			
Revenues	85,585.66	281,926.00	30.36%
Expenses	<u>134,743.02</u>	<u>281,926.00</u>	47.79%
Excess of Revenues over Expenditures	(49,157.36)	0.00	
Home Certification and Rebate			
Revenues	229,352.27	210,205.00	109.11%
Expenses	<u>142,431.70</u>	<u>210,205.00</u>	67.76%
Excess of Revenues over Expenditures	86,920.57	0.00	
CII, Large Landscape, Performance (OWOW)			
Revenues	11,624.03	138,725.00	8.38%
Expenses	<u>141,947.45</u>	<u>138,725.00</u>	102.32%
Excess of Revenues over Expenditures	(130,323.42)	0.00	
CA Sprinkler Adjustment Subscription System			
Revenues	35,509.97	34,432.50	103.13%
Expenses	<u>35,436.29</u>	<u>34,432.50</u>	102.92%
Excess of Revenues over Expenditures	73.68	0.00	
Rotating Nozzle			
Revenues	19,548.18	39,000.00	50.12%
Expenses	<u>18,598.22</u>	<u>39,000.00</u>	47.69%
Excess of Revenues over Expenditures	949.96	0.00	
WUE Projects			
Revenues	25,996,416.63	22,766,205.12	114.19%
Expenses	<u>28,486,719.94</u>	<u>22,766,205.12</u>	125.13%
Excess of Revenues over Expenditures	(2,490,303.31)	0.00	
WEROC			
Revenues	289,584.80	283,614.00	102.11%
Expenses	<u>268,655.85</u>	<u>278,613.00</u>	96.43%
Excess of Revenues over Expenditures	20,928.95	5,001.00	
RPOI Distributions			
Revenues	4,823.00	4,823.00	100.00%
Expenses	<u>4,823.00</u>	<u>4,823.00</u>	100.00%
Excess of Revenues over Expenditures	0.00	0.00	



Memorandum

DATE: August 10, 2016

TO: Administrative & Finance Committee
(Directors Thomas, Finnegan, Osborne)

FROM: Robert Hunter

SUBJECT: Quarter ending June 2016 Financials Actual versus Budget

The following UNAUDITED DRAFT reports are attached and subject to change pending our year-end closing:

- Revenues and Expenditures Actual versus Budget for the General Fund
- Revenues and Expenditures Actual versus Budget Detailed Comparative Report for the General Fund
- Revenues and Expenditures Actual versus Budget for Water Funds
- Revenues and Expenditures Actual versus Budget for Other Funds
- Revenues and Expenditures Actual versus Budget for the Water Use Efficiency Projects

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget Summary Report
Fiscal Year to Date ending June 2016 (Unaudited)
(\$000 Omitted)
General Fund and Reserve Fund

GENERAL FUND

	<u>YTD Actual</u>	<u>Annual Budget</u>	<u>% Used</u>
<u>REVENUES</u>			
Water Rate revenues:			
Retail connection fees	6,687	6,687	100.0%
Subtotal	6,687	6,687	100.0%
Other Revenues:			
Interest income ⁽¹⁾	142	118	120.8%
Choice Programs	1,360	1,546	88.0%
School Contracts	92	70	131.0%
Other income ⁽²⁾	161	3	5360.8%
Transfer to Reserve	0	(64)	0.0%
Subtotal	1,755	1,672	104.9%
TOTAL REVENUES	8,442	8,360	101.0%
<u>EXPENSES</u>			
Personal Expenses (incl. Dir.)	4,244	4,735	89.6%
Professional services ⁽³⁾	1,283	1,565	82.0%
Outside engineering	286	300	95.3%
Legal expense ⁽⁴⁾	163	355	45.9%
Travel & Conference	85	113	74.8%
Dues and memberships	135	144	94.2%
General & Admin expense	621	742	83.7%
Building Repair & Maintenance	401	400	100.2%
Capital acquisition (not including building repairs) ⁽⁵⁾	33	6	548.0%
TOTAL EXPENSES	7,249	8,360	86.7%
EXCESS OF REVENUES OVER EXPENSES	1,192		

RESERVE FUND

Beginning Balance	3,483
Nov 2015 - excess from FY 14-15 General Fund	1,207
Net OPEB Asset	93
TOTAL RESERVE FUND	4,783

(1) Interest Income is higher due to earning higher yields and investing with OCIP.

(2) Other Income from Open Meetings Act/Brown Act Reform and pension reimbursement.

(3) Professional Services: Financial Consulting and Public Affairs actuals are less due to changing needs.

(4) The lower legal expenses are associated with fewer legal issues and bipartisan cost control efforts.

(5) Purchased new copier versus leasing for a cost savings.

Municipal Water District of Orange County
Revenues and Expenditures Actual vs Budget Line Item Report
Fiscal Year to Date ending June 2016 (Unaudited)
General Fund

	YTD ACTUAL	ANNUAL BUDGET	% Used
REVENUES			
Retail Connection Charge	6,686,660	6,687,322	99.99%
Water rate revenues	6,686,660	6,687,322	99.99%
Choice Programs	1,360,156	1,302,619	104.42%
Choice Prior Year Carry Over	0	243,338	0.00%
Interest Revenue	142,208	117,675	120.85%
Miscellaneous Income	160,824	3,000	5360.78%
School Contracts	91,670	70,000	130.96%
Gain on Sale of Investment	14	0	0.00%
Transfer to Reserve	0	(64,424)	0.00%
Other revenues	1,754,871	1,672,208	104.94%
TOTAL REVENUES	8,441,531	8,359,530	100.98%

OPERATING EXPENSES			
Salaries & Wages	2,919,105	3,309,949	88.19%
less Recovery from Grants	(22,571)	(23,500)	96.05%
Directors' Compensation	191,426	220,588	86.78%
MWD Representation	117,834	126,050	93.48%
Employee Benefits	815,203	863,069	94.45%
less Recovery from Grants	(5,785)	0	0.00%
OPEB Annual Contribution	107,332	105,188	102.04%
Directors Benefits	68,227	60,024	113.67%
Health Insurances for Retirees	48,237	50,387	95.73%
Training Expense	3,353	18,000	18.63%
Tuition Reimbursement	0	5,000	0.00%
Temporary Help Expense	1,260	0	0.00%
Personnel Expenses	4,243,621	4,734,755	89.63%
Engineering Expense	285,864	300,000	95.29%
Legal Expense	162,779	355,000	45.85%
Audit Expense	20,600	23,000	89.57%
Professional Services	1,262,061	1,541,837	81.85%
Professional Fees	1,731,304	2,219,837	77.99%
Conference-Staff	13,826	19,450	71.08%
Conference-Directors	10,109	9,800	103.15%
Travel & Accom.-Staff	43,453	56,510	76.89%
Travel & Accom.-Directors	17,371	27,600	62.94%
Travel & Conference	84,759	113,360	74.77%
Membership/Sponsorship	95,689	103,961	92.04%
CDR Support	39,740	39,740	100.00%
Dues & Memberships	135,429	143,701	94.24%

Municipal Water District of Orange County
Revenues and Expenditures Actual vs Budget Line Item Report
Fiscal Year to Date ending June 2016 (Unaudited)
General Fund

	YTD ACTUAL	ANNUAL BUDGET	% Used
Business Expense	5,014	6,800	73.73%
Maintenance Office	90,970	126,670	71.82%
Building Repair & Maintenance	11,196	11,000	101.78%
Storage Rental & Equipment Lease	14,870	19,000	78.26%
Office Supplies	32,153	29,400	109.36%
Postage/Mail Delivery	14,352	11,285	127.18%
Subscriptions & Books	569	2,060	27.63%
Reproduction Expense	11,635	70,010	16.62%
Maintenance-Computers	5,606	7,100	78.95%
Software Purchase	15,537	18,500	83.98%
Software Support	32,561	34,000	95.77%
Computers and Equipment	16,131	17,550	91.92%
Automotive Expense	15,974	13,500	118.32%
Toll Road Charges	846	1,275	66.39%
Insurance Expense	100,016	96,000	104.18%
Utilities - Telephone	18,757	19,250	97.44%
Bank Fees	10,533	17,900	58.84%
Miscellaneous Expense	70,243	98,770	71.12%
MWDOC's Contribution To WEROC	141,807	141,807	100.00%
Depreciation Expense	11,977	0	0.00%
MWDOC Building Expense	400,732	400,000	100.18%
Capital Acquisition	32,878	6,000	0.00%
Other Expenses	1,054,357	1,147,877	91.85%
TOTAL EXPENSES	7,249,469	8,359,530	86.72%
EXCESS OF REVENUES OVER EXPENSES	1,192,062	0	

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Statement of Revenues and Expenditures
Fiscal Year to Date ending June 2016 (Unaudited)
Water Funds

	<u>YTD Actual</u>	<u>Annual Budget</u>	<u>Balance</u>
<u>Water Revenues</u>			
Water Sales	128,391,331	139,025,078	(10,633,747)
Ready to Serve Charge	12,939,661	13,214,277	(274,616)
Capacity Charge Flat Rate	4,627,125	4,424,460	202,665
SCP Surcharge	252,518	380,000	(127,482)
Interest	<u>5,461</u>	<u>2,900</u>	<u>2,561</u>
Total Water Revenues	<u>146,216,097</u>	<u>157,046,715</u>	<u>(10,830,618)</u>
<u>Water Purchases</u>			
Water Sales	128,391,331	139,025,078	(10,633,747)
Ready to Serve Charge	12,939,661	13,214,277	(274,616)
Capacity Charge	4,627,125	4,424,460	202,665
SCP Surcharge	<u>252,518</u>	<u>380,000</u>	<u>(127,482)</u>
Total Water Purchases	<u>146,210,635</u>	<u>157,043,815</u>	<u>(10,833,180)</u>
EXCESS OF REVENUES OVER EXPENDITURES	<u>5,461</u>	<u>2,900</u>	<u>2,561</u>

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending June 2016 (Unaudited)
Other Funds

	<u>YTD Actual</u>	<u>Annual Budget</u>	<u>Balance</u>
<u>WEROC</u>			
Revenues	289,585	283,614	5,971
Expenditures	268,656	278,613	(9,957)
Excess of Revenues over Expenditures	20,929	5,001	15,928
 <u>WUE Projects (details on next page)</u>			
Revenues	25,996,417	22,766,205	3,230,212
Expenditures	28,486,720	22,766,205	5,720,515
Excess of Revenues over Expenditures	(2,490,303)	0	(2,490,303)
 <u>RPOI Distribution</u>			
Revenues	4,823	4,823	-
Expenditures	4,823	4,823	-
Excess of Revenues over Expenditures	0	0	0

Footnote:

- 1) The excess of expense over revenue is waiting for reimbursement.
- 2) USBR (Federal) Grant is billed in October and April with funds being received one month later.
- 3) DWR is billed quarterly to county and takes a few months to a year to receive funds.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending June 2016 (Unaudited)
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<u>Landscape Performance Certification</u>					
Revenues	43,858		118,900	36.89%	118,900
Expenditures	<u>61,675</u>		<u>118,900</u>	51.87%	<u>118,900</u>
Excess of Revenues over Expenditures	(17,817)	-41%	0		

Actual Variance: MET reporting is every two months.

Budget Variance: Actual is less than Budgeted due to the program halting in order to distribute a new RFP.

<u>Industrial Water Use Reduction</u>					
Revenues	167,758		91,236	183.87%	91,236
Expenditures	<u>167,762</u>		<u>91,236</u>	183.88%	<u>91,236</u>
Excess of Revenues over Expenditures	(5)	0%	0		

Actual Variance: No comment needed.

Budget Variance: Large projects were completed ahead of schedule.

<u>Spray to Drip Conversion</u>					
Revenues	130,862		57,110	229.14%	57,110
Expenditures	<u>137,363</u>		<u>57,110</u>	240.53%	<u>57,110</u>
Excess of Revenues over Expenditures	(6,501)	-5%	0		

Actual Variance: No comment needed.

Budget Variance: Program more successful than originally budgeted for.

<u>Water Smart Landscape for Public Property</u>					
Revenues	1,069,659		137,871	775.84%	137,871
Expenditures	<u>1,160,645</u>		<u>137,871</u>	841.83%	<u>137,871</u>
Excess of Revenues over Expenditures	(90,986)	-9%	0		

Actual Variance: Billed to invoice granting agency (DWR).

Budget Variance: Expenses incurred all at once, rather than over several fiscal years.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending June 2016 (Unaudited)
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<u>Member Agency Administered Pass thru</u>					
Revenues	92,935		627,000	14.82%	627,000
Expenditures	92,935		627,000	14.82%	627,000
Excess of Revenues over Expenditures	0	0%	0		

Actual Variance: No comment needed.

Budget Variance: Expected level of Member Agency programs have not materialized.

ULFT Rebate Program

Revenues	312,789		658,000	47.54%	658,000
Expenditures	379,042		658,000	57.61%	658,000
Excess of Revenues over Expenditures	(66,254)	-21%	0		

Actual Variance: MET invoice comes before the invoicing to Agencies.

Budget Variance: Pass-thru from MET to Agencies.

HECW Rebate Program

Revenues	406,238		696,000	58.37%	696,000
Expenditures	407,088		696,000	58.49%	696,000
Excess of Revenues over Expenditures	(850)	0%	0		

Actual Variance: No comment needed.

Budget Variance: Pass-thru program.

CII Rebate Program

Revenues	468,915		509,000	92.12%	509,000
Expenditures	478,951		509,000	94.10%	509,000
Excess of Revenues over Expenditures	(10,036)	-2%	0		

Actual Variance: No comment needed.

Budget Variance: No comment needed.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending June 2016 (Unaudited)
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<u>Large Landscape Survey</u>					
Revenues	17,081		85,000	20.09%	85,000
Expenditures	<u>13,329</u>		<u>85,000</u>	15.68%	<u>85,000</u>
Excess of Revenues over Expenditures	3,752	22%	0		

Actual Variance: No comment needed.

Budget Variance: Mid-year we stopped having MET pay for surveys when grant funding became available.

<u>Indoor-Outdoor Survey</u>					
Revenues	4,906		6,800	72.14%	6,800
Expenditures	<u>21</u>		<u>6,800</u>	0.32%	<u>6,800</u>
Excess of Revenues over Expenditures	4,884	100%	0		

Actual Variance: These funds are collected from MET and will be used at a later date for installation verification services.

Budget Variance: Expenditures will materialize later.

<u>Turf Removal Program</u>					
Revenues	22,899,796		19,075,000	120.05%	19,075,000
Expenditures	<u>25,114,750</u>		<u>19,075,000</u>	131.66%	<u>19,075,000</u>
Excess of Revenues over Expenditures	(2,214,954)	-10%	0		

Actual Variance: Invoice MET after expenditures.

Budget Variance: No comment needed.

<u>Comprehensive Landscape (CLWUE)</u>					
Revenues	85,586		281,926	30.36%	281,926
Expenditures	<u>134,743</u>		<u>281,926</u>	47.79%	<u>281,926</u>
Excess of Revenues over Expenditures	(49,157)	-57%	0		

Actual Variance: Expenditures incurred before revenues are collected.

Budget Variance: Program activity slow to materialize.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Revenues and Expenditures Actual versus Budget
Fiscal Year to Date ending June 2016 (Unaudited)
Water Use Efficiency Projects

	<u>Actual</u>	<u>Variance</u> <u>%</u>	<u>Fiscal Year</u> <u>Budget</u>	<u>% of</u> <u>Budget</u>	<u>Projected</u> <u>Final</u> <u>FY Budget</u>
<u>Home Certification and Rebate</u>					
Revenues	229,352		210,205	109.11%	210,205
Expenditures	<u>142,432</u>		<u>210,205</u>	67.76%	<u>210,205</u>
Excess of Revenues over Expenditures	86,921	38%	0		

Actual Variance: Revenue request from Grants are submitted bi-annually in October and April.

Budget Variance: MET is slow to report numbers.

CII, Large Landscape, Performance (OWOW)

Revenues	11,624		138,725	8.38%	138,725
Expenditures	<u>141,947</u>		<u>138,725</u>	102.32%	<u>138,725</u>
Excess of Revenues over Expenditures	(130,323)	-1121%	0		

Actual Variance: Granting agency (DWR) slow to pay on invoices submitted to them.

Budget Variance: No comment needed.

CA Sprinkler Adjustment Subscriptions System

Revenues	35,510		34,433	103.13%	34,433
Expenditures	<u>35,436</u>		<u>34,433</u>	102.92%	<u>34,433</u>
Excess of Revenues over Expenditures	74	0%	0		

Actual Variance: No comment needed.

Budget Variance: No comment needed.

Rotating Nozzle

Revenues	19,548		39,000	50.12%	39,000
Expenditures	<u>18,598</u>		<u>39,000</u>	47.69%	<u>39,000</u>
Excess of Revenues over Expenditures	950	5%	0		

Actual Variance: No comment needed.

Budget Variance: Higher level of Grant funds were expected to be utilized.

Notes:

[1] Variance from Revenues to Expenses. When greater than 5%, an explanation is provided.

[2] Fiscal year budget versus Actual

[3] With each quarterly report the projected fiscal year end budget may be re-adjusted.



CONSENT CALENDAR ITEM

August 17, 2016

TO: Board of Directors

FROM: **Public Affairs Legislative Committee**
(Directors Barbre, Tamaribuchi and Hinman)

Robert Hunter
General Manager

Staff Contact: Jonathan Volzke

SUBJECT: Sponsorship of Boy Scout 'Soil and Water Conservation' Merit Badge

STAFF RECOMMENDATION

Staff recommends the Board of Directors determine whether MWDOC should sponsor the Soil and Water Conservation merit badge offered by Boy Scouts of America.

COMMITTEE RECOMMENDATION

The Committee recommended sponsoring the Soil and Water Conservation merit badge offered by Boy Scouts of America, at a cost not to exceed \$5,000, with a caveat that information be provided to the Committee as to the inclusion of the Scout Merit Badge Sponsorship in the budget.

The amount of \$8,000 was included in Action Item #4 in the final budget presented to the A&F Committee on May 11, 2016 on packet page 132 of 234 and also in the Board of Directors Meeting package for final Board approval on May 18, 2016 (page 511 of 695). In both cases it is listed as the last item in the detailed breakout of items in the right-hand column of the cited pages.

This item was included in each version of the budget which went to A&F Committee beginning with the First Draft Budget on March 9, 2016 (page 80).

DETAILED REPORT

The approved 2016-17 MWDOC budget included \$5,000 to sponsor the Boy Scouts' Soil and Water Conservation merit badge in the Orange County District.

Budgeted (Y/N): Y	Budgeted amount: \$8,000	Core X	Choice _
Action item amount: \$5,000	Line item: 7670		
Fiscal Impact (explain if unbudgeted):			

Sponsorship of the badge at the \$5,000 level, which the Scouts refer to as “Silver,” allows MWDOC to organize and host merit badge clinics that will increase the number of Scouts earning the Soil and Water Conservation badge and learning the associated lessons. The \$5,000 is a donation to the Orange County District’s Friends of Scouting (FOS) Campaign, which supports the general operation of the council. It helps to pay for the many programs and camp facilities of the entire council.

Scouting officials report about 20,000 boys belong to Scouting in Orange County, about 8,000 of whom are at the level appropriate for them to earn the merit badge.

Requirements for the badge include a combination of lessons about soil, nutrients, soil erosion, water sheds, water supply and water treatment, along with a tour of a water-treatment facility and hands-on activities such as native plantings.

MWDOC and Scouting officials will plan “merit badge in a day” events, at which Scouts can accomplish the “classroom” portion of the merit badge and tour a water/wastewater facility, accomplishing seven of the eight requirements for the Soil and Water Conservation badge in a single day.

MWDOC plans to work with member agencies, who will each host a Saturday session. That will allow MWDOC to offer sessions for Scouts in North, Central and South Orange County. In addition to reaching Scouts throughout the county, the program will also create an additional partnership between MWDOC and member agencies.

Scouting officials will market the events through newsletters and monthly leadership meetings. MWDOC and participating member agencies will also market the events through their own channels.

The goal for each daylong event is 50 to 80 Scouts.

The MWDOC Scouting sponsorship will also coordinate with other MWDOC education efforts. For example, if a Scout working on his Soil and Water Conservation merit badge attends a high school that is part of the MWDOC/Orange County Department of Education CHOICE program, that Scout can design and host a booth at that school’s Water Expo for credit toward his merit badge.

The MWDOC sponsorship also creates opportunities for MWDOC to identify Scouts who may have an interest in a career in water and help foster that interest with additional facilities tours and other programs, as well.

The sponsorship also has marketing benefits to MWDOC, which will be listed on the Scout Council website. MWDOC will also be invited to the Scouts’ annual reception attended by civic, community and business leaders from throughout Orange County.



ACTION ITEM

August 17, 2016

TO: Board of Directors

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

Robert Hunter
General Manager

Staff Contact: Hilary Chumpitazi

SUBJECT: AUTHORIZE CONTRIBUTION TO THE DISTRICT'S OPEB IRREVOCABLE TRUST

STAFF RECOMMENDATION

Staff recommends the Board of Directors authorize a payment of \$400,000 to the District's Other Post Employee Benefits (OPEB) Irrevocable Trust through Public Agency Retirement Services (PARS) from the General Operations Reserves, the initiation of a new actuarial study, and the subsequent payment of the new unfunded actuarial accrued liability (UAAL) up to an additional \$250,000.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

SUMMARY

The Administrative & Finance Committee discussed MWDOC's Reserve Policy, of which MWDOC's OPEB liability is a part. The Committee discussed the fact that we have been accelerating the payoff of our OPEB Trust account by making higher than the required pay-as-you-go payments each year since FY 2012-2013. Our payoff as of July 1, 2014 (the date of our last actuarial) was \$624,296. Since then we have made two annual contributions of \$143,687 and \$107,332. Pending a new actuarial study as of July 1, 2016, staff recommends we make a payment of \$400,000 now and true up any amount owed after the study is received in approximately two months.

Budgeted (Y/N): N	Budgeted amount: NA	Core <u>X</u>	Choice <u> </u>
Action item amount: \$400,000	Line item:		
Fiscal Impact (explain if unbudgeted): Funding would come from General Operating Reserves			



ACTION ITEM
August 17, 2016

TO: Board of Directors

FROM: Wayne Osborne, President

Robert Hunter
General Manager

**SUBJECT: ADOPT MWDOC/OCWD JOINT RESOLUTION SUPPORTING
MAXIMUM WATER SUPPLY RELIABILITY FOR THE ECONOMIC
BENEFIT OF OUR SHARED CUSTOMERS, COMMUNITIES,
CONSTITUENTS AND CONSUMERS**

RECOMMENDATION

It is recommended that the Board of Directors adopt the Resolution supporting maximum water supply reliability for the economic benefit of MWDOC/OCWD shared customers, communities, constituents and consumers.

SUMMARY

Last month, Directors Osborne, Barbre, and Dick met with representatives from Orange County Water District to discuss joint issues and concerns, and to reinforce efforts made by both entities to improve service to the common service area, and reinforce a cooperative working relationship.

In the spirit of cooperation, President Green and I present the attached resolution to each Board with the hope that both will adopt.

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

**JOINT RESOLUTION NO. xxxx OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
BOARD OF DIRECTORS
AND OF THE
ORANGE COUNTY WATER DISTRICT BOARD OF DIRECTORS
TO SUPPORT MAXIMUM WATER SUPPLY RELIABILITY
FOR THE ECONOMIC BENEFIT OF OUR SHARED
CUSTOMERS, COMMUNITIES, CONSTITUENTS AND CONSUMERS**

WHEREAS, the Municipal Water District of Orange County (MWDOC) is a member agency of the Metropolitan Water District of Southern California; and

WHEREAS, the Orange County Water District (OCWD) is a special district created by the California State Legislature in 1933; and

WHEREAS, MWDOC and OCWD jointly serve millions of consumers in Orange County, CA, with MWDOC providing water for 3.1 million people and OCWD providing water for 2.4 million people; and,

WHEREAS, MWDOC and OCWD share headquarters in Fountain Valley, CA which allows for communication and coordination among the two agency's Board of Directors and staff; and

WHEREAS, MWDOC and OCWD share 19 water agency members in north and central Orange County, with MWDOC serving an additional 9 water agency members in south Orange County;

NOW, THEREFORE, BE IT HEREBY JOINTLY RESOLVED by the Board of Directors of MWDOC and the Board of Directors of OCWD that both districts shall work together for the common purpose of sourcing, treating and transmitting safe, reliable, high-quality, affordable water supplies throughout Orange County.

BE IT FURTHER RESOLVED, DETERMINED, AND ORDERED AS FOLLOWS:

Section 1. The Board of Directors of MWDOC and OCWD shall collaborate on water resources planning to provide maximum water supply reliability and quality under all hydrological and seasonal weather conditions.

Section 2. The Board of Directors of MWDOC and OCWD shall work to build a consensus among its coalition of member agencies regarding water resources funding and planning for the economic benefit of customers,

communities, constituents and consumers served by both agencies.

Section 3. The MWDOC Secretary and OCWD Secretary will transmit a certified copy of this resolution to members of both agencies.

Said Resolution was ADOPTED, SIGNED and APPROVED this xx day of July, 2016 by the following roll call vote.

AYES:

NOES:

I HEREBY CERTIFY the forgoing is a full, true and correct copy of Resolution NO. xxxx adopted by the Board of Directors of xxxx at its meeting held on xxxx, xx, 2016.

xxxx

GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES AUGUST 2016

Managers' Meeting	<p>MWDOC held its Managers' meeting on June 16, 2016 at its office in Fountain Valley. In attendance were Lisa Ohlund (EOCWD); Hector Ruiz (TCWD); Tom Jacobus (SCE); Howard Johnson (Brady); David Spitz (Seal Beach); Matt Collings (MNWD); Paul Weghorst (IRWD); Steve Conklin (YLWD); Rich Kisse (SMWD); Bob Hill (ETWD); George Murdoch (Newport Beach); Paul Shoenberger (Mesa); Brian Ragland (Huntington Beach); Art Valenzuela (Tustin); and Karl Seckel; Joe Berg; Heather Baez; Melissa Baum-Haley; Kevin Hostert; Keith Lyon and myself of staff.</p> <p>The agenda included the following:</p> <ol style="list-style-type: none"> 1. Potential Summer Power Outages by Thomas Jacobus, SCE 2. Revisions to MET's Conservation Program 3. MET's New H2Love Campaign 4. SWRCB Updated Proposed Fees on Public Water Systems <p>The next meeting is tentatively scheduled for August 18, 2016.</p>
CA Water Fix Eco Restore	<p>Director Tamaribuchi and Karl and I have met several times on the California Water Fix Eco Restore issues with Curt Schmutte of MET and Garry Brown and Steve Bone of Orange County Coastkeeper. Additional meetings will be held to help bring in environmental support for the WaterFix Project.</p>
CCEEB	<p>In Lake Tahoe, Director Tamaribuchi and Karl attended the Summer Issues Session for the California Council for Economic and Environmental Balance (CCEEB). The meeting provides a forum for discussion of California Water Issues and other pressing State policy issues with key persons from throughout the State in a setting where dialogue and solutions are desired.</p>

MET ITEMS CRITICAL TO ORANGE COUNTY

MET's Water Supply Conditions	<p>Below are key summary points of the water supply conditions for FY 2015-2016:</p> <ul style="list-style-type: none"> • Conditions are normal to slightly above normal in Northern California as a result of above average precipitation that has increased reservoirs levels. • Unfortunately, Water Supply conditions in Southern California are below normal for the <u>5th</u> straight year. • 2016 State Water Project "Table A" Allocation is at <u>60%</u>, which is about <u>1.2 Million Acre-Feet (MAF)</u> of water to MET. Improvements in northern California reservoir storage levels will likely improve the initial SWP "Table A" allocation for 2017. • MET water demands for FY2015-16 are expected to total less than 1.6 MAF. This is the lowest deliveries since FY1998-99. • MET is projecting supplies of <u>2.1 MAF</u> for the year resulting in approximately <u>0.5 MAF</u> being put into storage. • Lake Mead levels continue to be in decline and there is a possibility of a shortage declaration in CY 2018. • <u>The entire state of California is still in a drought</u> and these conditions will likely continue until next winter
MET's Finance and Rate Issues	<p>At the July MET Finance and Insurance Committee meeting, MET staff presented their annual financial review for FY2015-16. Water sales for the year totaled 1.59 MAF, 155 TAF less than budget or 9% and 229 TAF under the five year average of 1.82 MAF.</p> <p>The lower than expected water sales and lower power sales were the key contributors to total revenue coming in at \$153 million less than budget estimates of \$1.657 billion. Year-end expenses are also expected to come in under budget by \$314 million. This is mainly due to lower than expected Demand Management expenditures of \$101 million, Departmental O&M expenditures of \$39 million and Repair & Replacement of \$204 million. However, it should be noted that R&R expenditures did not come in under budget due to less program costs, but instead in the shift from PAYGo to capital financing. State Water Project expenditures came in close to budget at \$521 million (\$6 million above), which is MET's largest expenditure.</p>

Colorado River Issues	<p><u>Colorado River Drought Contingency Discussions Continue</u></p> <p>California Colorado River contractors - Metropolitan, Coachella Valley Water District, Imperial Irrigation District, and Palo Verde Irrigation District continued discussions to try to reach consensus on a Colorado River Drought Contingency Plan. Additionally, the Colorado River Board of California and the U.S. Bureau of Reclamation are helping to facilitate these inter-agency discussions.</p> <p>The discussions have included how contractors within California would share any reductions if Lake Mead were to continue to decline to critically low levels. The discussions also included how to provide sufficient flexibility to help California contractors efficiently use their Colorado River water supplies for the full range of Lake Mead operating conditions. If a consensus is ultimately reached, each agency's respective boards would consider the draft agreement, which would significantly reduce the likelihood of Lake Mead falling below the elevation of 1,025 feet – an elevation of critical concern – during the ten-year term of the agreement.</p> <p><u>Salinity Control Program to Consider Water Conservation Savings</u></p> <p>At its June meeting in Colorado, the Colorado River Salinity Control Forum agreed that both salinity reduction and water conservation benefits be considered when evaluating funding for future Salinity Control Program projects. Under the existing program, projects compete for funding, and generally the projects that remove the most salt per dollar spent are awarded funding from the program. Starting next year, the amount of water conserved by a program will be considered along with the salinity benefit when determining which programs to fund. The Salinity Control Program, which is jointly funded by the federal government and agencies within the Colorado River Basin states, has been successful in maintaining a steady salinity level in the Colorado River despite long-term drought conditions, which reduces the amount of water to dilute salt levels in the River. With Lake Mead reaching an all-time low level this year, the Forum determined that both the quality and the quantity of water in the Colorado River are important to protect.</p> <p>The October 2016 meeting of the Colorado River Salinity Control Forum will include an event celebrating the 20-year anniversary of the Bureau of Reclamation's (Reclamation) Paradox Valley Brine Disposal Project (Project). For the last two decades, the Project has been capturing high-saline groundwater in excess of 250,000 parts per million of salt (more than seven times saltier than ocean water) and injecting the brine 3 miles below the surface. The Project captures 110,000 tons of salt that would otherwise</p>
------------------------------	--

Colorado River Issues (Continued)	<p>enter the Colorado River each year.</p> <p>The Project is nearing the end of its useful life, and Reclamation and the Colorado River Salinity Control Forum are evaluating options to continue to prevent the brine from reaching the Colorado River in the future, which include building a replacement well or constructing evaporation ponds. California's representatives of the Colorado River Salinity Control Forum are the Colorado River Board's Tanya Trujillo, the State Water Resources Control Board's Tom Howard, and MET's Bill Hasencamp.</p> <p><u>State of California Budgets \$80.5 million for the Salton Sea</u></p> <p>In late June, Governor Brown signed the State budget, which included \$80.5 million for the Salton Sea to fund the design and environmental documentation for the first phase of the State's Salton Sea Management Plan. The money will also fund construction of wetland areas around the edges of the Salton Sea, which would provide habitat for targeted species and dust control. The Resources Agency, which is responsible for developing a restoration plan for the Salton Sea, has estimated that full implementation of the Salton Sea Management Plan would cost an estimated \$1.5 to \$2.5 billion.</p> <p>On June 24, following an April 25, 2016 oversight Hearing on the Salton Sea, the Little Hoover Commission sent a letter to Governor Brown urging the State to address the problems facing the Salton Sea before it becomes a major health crisis. The commission noted recent progress by the State to take a greater role in addressing Salton Sea challenges, but stated that much more needs to be done expeditiously. The letter offered some recommendations, including making the Salton Sea a top priority, ensuring adequate resources to get the job done, closely tracking project implementation, assessing Salton Sea management costs, and developing a funding strategy.</p>
Bay Delta/State Water Project Issues	<p><u>State Water Resources Control Board (SWRCB)</u></p> <p>On July 26, the State Water Resources Control Board (SWRCB) started the public hearing process on the request to change the diversion of water to the three new intakes north of the Delta as proposed by the California WaterFix. Testimony included the Department of Water Resources (DWR) and U.S. Bureau of Reclamation (Reclamation), MET, water agencies, biologists, water quality experts and others.</p> <p>Specifically, during part one of the public hearings, SWRCB will determine if the project would change water quality and flow in a way that would negatively affect other legal water right users. The SWRCB, as the overseer of water rights in California, has the critical responsibility to ensure that all of California's dams and diversion structures are operated to avoid injury to other legal users of water and protect fish and wildlife.</p>

Bay Delta/State Water Project Issues (Continued)	<p>Over the next several months, experts will present hundreds of pages of evidence showing the project's impact to legal users of water in the area and impact to flows and water quality.</p> <p>The hearings will be technical, but they offer an important opportunity for the public to learn more about the components and operation of the California WaterFix, and how it will protect water quality flows and the Delta habitat.</p> <p><u>California Supreme Court Ruling on Delta Testing</u></p> <p>The California Supreme Court ruled 7-0 in the State's favor of state water authorities to do environmental and geological testing on private land for a proposed project to divert Sacramento-San Joaquin Delta water to the south.</p> <p>The ruling capped six years of litigation by Delta property owners, who challenged the State's right to enter their land without compensation. In a decision written by Chief Justice Tani Cantil-Sakauye, the Court said State water authorities could proceed with testing — subject to various conditions — on more than 150 properties. On 35 of the properties, the State has intended to do geological testing that involved drilling deep holes to determine subsoil conditions.</p> <p>The ruling overturned a State appeals court decision that favored the Delta owners, but also gave property owners more rights than they had previously under State law. The State will have to obtain a court order prior to geological testing, and the trial court may limit the exploration to protect the interests of the owners. The trial court also may require the State to deposit an amount that the court decides is sufficient to cover any likely damage and allow the owner to seek compensation before a jury for losses, including restricted use of the property.</p> <p><u>Bruce Babbitt to be Senior Adviser</u></p> <p>Governor Brown has hired Bruce Babbitt as a senior adviser to the California WaterFix. Babbitt was the former Interior Secretary under President Bill Clinton, bringing a wealth of knowledge on federal rules and regulations, and is expected to assist with the State on federal agencies discussions. He also is a former Arizona governor and a 1988 Democratic presidential candidate.</p>
---	--

ENGINEERING & PLANNING

Baker Treatment Plant	Karl, Keith and Kevin worked with MET and IRWD to resolve the metering and billing issues due to the OC-33A meter malfunction last month and this month. A new meter was installed in late July and the problem should be resolved permanently.
Doheny Desalination Project	<p>South Coast Water District held a third Project Delivery and Cost Update Workshop on the Doheny Project on July 27 where they discussed the project delivery options, costs and economic variables with their consulting team from GHD. South Coast is continuing to move the project forward and to look for potential partners and grant funding as they initiate the CEQA process.</p> <p>MWDOC is working on the decommissioning and removal of the test facilities at Doheny State Park. An evaluation of the Pilot Plant Mobile Test facility is being completed. This evaluation will serve as the basis for establishing a cost basis and a lease rate to lease the facility to SDCWA for one year before the facility is returned to South Coast Water District.</p> <p>MWDOC is awaiting NWRI to schedule the Science Advisory Panel to review both the SJBA and the SCWD Foundational Action Programs.</p>
Poseidon Resources Ocean Desalination Project in Huntington Beach	The OCWD Board and staff will continue their discussions regarding integration of the Poseidon Project into the local water supplies from the OCWD Groundwater basin. Most recently, the OCWD Board suggested delivering the bulk of the Poseidon supplies to agencies along the coast--Newport Beach, Mesa Water and Huntington Beach via direct deliveries while injecting the remaining water in the groundwater basin. Staff will be meeting with those agencies to determine feasible operational scenarios. Poseidon is continuing to work on the NPDES permit from the Santa Ana Regional Water Quality Control Board (operating permit) and their construction permit from the California Coastal Commission (anticipated September 2016).
Orange County Reliability Study	The first DRAFT of Technical Memorandum #4 was issued for circulation to get input and comments prior to completing the final report. Comments have been received from two agencies so far.
Coordination of Groundwater Deliveries from Newport to Laguna Beach	Karl, Keith and Kevin participated in a meeting with George Murdoch and Steffen Catron of Newport Beach (NB) and David Youngblood of Laguna Beach CWD (LB) to discuss operational issues with conveying groundwater from NB to LB through the Coast Supply Line to help LB perfect their water rights recently re-established in the OCWD Basin.

Groundwater Deliveries (Continued)	Additional meetings are being held. It is likely that the transfer of groundwater will be approached as a paper transaction initially until such time as the water quality issues can be addressed. MET and the agencies met to discuss the issues. Several options exist and will be evaluated. MWDOC is working with NB and LB to assist in the transfer program.
EOCF#2	Karl, Kevin and Intern, Colin Eckerle, met with our consultant, Black & Veatch, to open discussions regarding introduction and conveyance of either groundwater or Poseidon water in the EOCF#2. This was a second meeting to discuss with B&V issues from their perspective. MWDOC requested follow-up in several areas. The next steps will be to compile the Black & Veatch information to open discussions with MET on using the EOCF#2 for conveyance of non-MET water.
San Juan Basin Authority	Director Hinman and Karl attended the regular and special meetings of the San Juan Basin Authority.
OCWD Producers Meeting	Agenda discussion included: Producers meeting venue and participation; the IRWD lawsuit; a Water Quality report; Future of GAP discussions; GWRS water as a supply for the Anaheim South Recycled Water Project; Refilling the groundwater basin; a Poseidon update; and a GW Remediation Projects update when Keith, Melissa and I attended the August Producers meeting.
OCWD Producers Groundwater Production Capabilities	OCWD is meeting with each Producer to determine current ground-water production capacities, and what facilities would be needed to pump 90% - 100% of retail demands. The exploratory effort is related to OCWD's potential distribution of Poseidon Ocean Desalinated water. Keith and/or Kevin intend to attend the meetings as a means to learn more about agencies' capabilities and operations – without input to OCWD's effort. Keith attended the first meeting with Yorba Linda WD.
EMERGENCY PREPAREDNESS	
Coordination with Member Agencies	<p>Orange County Water Procurement and Distribution Planning Update – Efforts to date:</p> <ul style="list-style-type: none"> - County-wide Planning Meetings: February 25, April 20 - Tools Developed: Water Utility Water Distribution Template, City Water Distribution Template, Point of Distribution (POD) Site Evaluation Checklist, draft outreach materials, and a POD Supplies Checklist. - Presentations: MWDOC's A&F Committee, MWDOC's Member Agency Managers' meeting and the Orange County Emergency Management Organization (OCOMO)

Coordination with Member Agencies (Continued)	<ul style="list-style-type: none"> Working Group Meetings (8 groups) – 5 <p>UPDATE: This month Kelly Hubbard facilitated the kick off meetings for 3 working groups. Agencies in attendance are notated below.</p> <p>July 13 (Hosted by ETWD) – Orange County Sheriff's Department Emergency Management Division (OCSD EMD), Moulton Niguel Water District, El Toro Water District, Santa Margarita Water District, Cities of Laguna Woods, Laguna Hills, Aliso Viejo, and Mission Viejo.</p> <p>July 13 (Hosted by City of Newport Beach) – Irvine Ranch Water District, Mesa Water District, City of Newport Beach (Water and Emergency Management), City of Irvine, OCSD EMD</p> <p>July 18 (Hosted by SMWD) – City of San Clemente, SMWD, OCSD EMD, Trabuco Canyon Water District</p> <p>Additionally, Kelly provided a special presentation on the POD planning to the OCEMO Disabilities, Access and Functional Needs (DAFN) Working group and facilitated a discussion about planning considerations for OC residents with disabilities, access and functional needs. Suggestions were discussed and will be included in the planning efforts.</p> <p>Kelly attended the July 11 IRWD Board Meeting to be available for questions when IRWD staff presented on the Fuel Trailer Grant project that WEROC is leading.</p> <p>Kelly met with OCWD staff to discuss updating their Emergency Operations Center (EOC) organizational structure and staffing. Kelly provided guidance on how to structure their response staff to comply with NIMS and SEMS.</p>
Coordination with the County of Orange	<p>Kelly attended the OCEMO (Orange County Emergency Management Organization) Communications Committee meeting which discussed radio operations, WebEOC and AlertOC. Attendees discussed challenges with the transition process to the new AlertOC computer operations system and troubleshoot issues. Additionally, the County announced new training dates for AlertOC users and the updates in WebEOC.</p> <p>Kelly attended the OCEMO monthly meeting, which included speakers on mutual aid during the Waterman incident (San Bernardino Mass Shooting), Edison summer outlook and exercise planning. Kelly worked with MNWD to host an OCEMO training that included "How to do Exercises?" and an EOC Training the Trainer course.</p>

Coordination with Outside Agencies	<p>Kelly has now participated in two state-wide Emergency Management Mutual Aid (EMMA) Plan Review conference calls. This is the plan under which Kelly was deployed to Lake County and it had many challenges and lessons learned. The clean-up of this document will help all government agencies, including water utilities, in future large-scale events.</p> <p>Kelly met with Orange County Fire Authority (OCFA) Fire Chief, Jeff Bowman, Assistant Chief of Operations, Dave Thomas, and Assistant Chief of Organizational Planning, Brian Young. She requested the meeting to discuss concerns with the fire season and ensuring coordination with water utilities. Kelly provided the Chief an overview of the WEROC program, recent planning efforts and coordination gaps from past events. The group agreed upon a communications protocol for the water utilities to communicate critical infrastructure information to fire agencies during an urban-wildland fire. Additionally, Kelly has been invited to present at an upcoming OCFA Operations Meeting and an Orange County Fire Agencies Operations Meeting to share similar information with the operations staff of all the fire agencies in Orange County.</p>
WEROC Emergency Operations Center (EOC) Readiness	<p>Shenandoah worked with contractors at both EOC's to facilitate ATT phone line repair, EOC cleanings and fire extinguisher service.</p> <p>Kelly conducted the bi-monthly WEROC Radio Test from the Fountain Valley offices. The radio communications had a lot of static this month, which will be evaluated and addressed. Staff participated in the OC Operational Area Radio Test. The MARS radio test conflicted with another meeting this month, so WEROC did not participate.</p> <p>Karl and Kelly met with Claris Strategies, Inc. to kick-off the WEROC EOC Assessment. William Liam and Brent Woodworth provided staff with an overview of their professional background and how that relates to the WEROC EOC assessment. They also facilitated a detailed discussion about the objectives of the project, information needed to start their assessment and processes moving forward to complete the assessment. Kelly will be providing them with an extensive amount of background documentation regarding the facilities, the WEROC program, historical response activity, and program budget information. Facility site visits have been scheduled and partner agencies, such as the building owners, will be asked to participate in these visits.</p>

WATER USE EFFICIENCY

MET's Water Use Efficiency Workgroup	<p>On July 21, Andrew Kanzler attended MET's WUE Workgroup meeting where about 30 member agencies participated. Meeting topics included:</p> <ul style="list-style-type: none"> • Innovative Conservation Program – Conveyer Dishwasher Report • Metropolitan Conservation Board Presentation for July • New Programs/Workshops/Modifications and Member/Retail Agency Updates • Western MWD Altman Plants On-Site Water Re-Use Project • Metropolitan Addendum 17b <p>The next meeting is scheduled for August 18, 2016 at MET.</p>
Water Loss Control Work Group Meeting	<p>On July 26, Joe Berg hosted the Water Loss Control Work Group meeting at MWDOC. Thirty-one representatives from 19 agencies participated in this meeting, which focused on:</p> <ul style="list-style-type: none"> • An update on Water Balance Technical Assistance • Generalized Results of 17 Water Balances • Communicating Water Balance Results to staff and boards • Potential for shared services for meter accuracy testing <p>The next meeting is scheduled for October 4, 2016 at MWDOC.</p>
(CLCA-OC) Beautification Awards Banquet	<p>On July 30, Andrew, Sarah Rae, and Corrine Van Dyke attended the Beautification Awards Banquet of the California Landscape Contractors Association - Orange County Chapter (CLCA-OC) held at the Highway 39 Event Center in Anaheim. Andrew, Sarah, and Corinne presented 3 awards for "Green Landscapes," identified as residential landscape sites that conserve water and minimize lawn use.</p>
California Urban Water Conservation Council	<p>On August 3, Joe chaired the California Urban Water Conservation Council Finance Committee. The committee met via conference call and focused on a limited agenda including:</p> <ul style="list-style-type: none"> • Approval of Minutes from the May 4 Finance Committee Meeting

CUWCC (Continued)	<ul style="list-style-type: none"> Review and Approve 2016 Quarter II Financials for the Board packet <ul style="list-style-type: none"> 2016 Quarter II Financials as of June 30, 2016 2016 Accounts Receivable / Accounts Payable Schedule as of June 30, 2016 2016 Dues Receipts as of July 26, 2016 <p>The next meeting is scheduled for November 2016.</p>
Orange County Water Use Efficiency Coordinators Workgroup	<p>On August 4, Joe, Andrew, Beth Fahl, and Jonathan Volzke hosted the Orange County Water Use Efficiency Coordinators Workgroup Meeting. The meeting was held at Santa Margarita Water District, and about 22 agencies participated. Highlights on the agenda included:</p> <ul style="list-style-type: none"> MWDOC Updates Agency Roundtable/Problem Solving Roundtable <ul style="list-style-type: none"> Agency Drought Response Update Santa Margarita Water District SustainaBlue Design Studio Public Affairs/Marketing Update <ul style="list-style-type: none"> Materials Request Orange County Association of Realtors Partnership Metropolitan Update <ul style="list-style-type: none"> Addendums 17A and 17B Turf Removal Program Audit Water Use Efficiency Programs Update <ul style="list-style-type: none"> Turf Removal Program <ul style="list-style-type: none"> Inspection Procedures Umbrella Agreement and Addendums <ul style="list-style-type: none"> Amendment Status on Addendums California Friendly Landscape Training Classes California Urban Water Conservation Council Update <p>The next meeting is scheduled for September 1, 2016 at IRWD.</p>
PUBLIC/GOVERNMENT AFFAIRS	
Member Agency Relations	<p>Jonathan met with SMWD Director, Chuck Gibson, to discuss outreach.</p> <p>Tiffany, Bryce, Laura and Jonathan joined ACWA/Save Our Water's webinar introducing partners to the new "Water Conservation IT'S FOR LIFE" campaign.</p>

Member Agency Relations (Continued)	<p>Tiffany gave a presentation to the Member Agency Managers, providing an overview of Metropolitan's "H2Love" summer campaign and ACWA/Save Our Water's "Water Conservation IT'S FOR LIFE" summer campaign.</p> <p>Tiffany provided an oral summary of the 2016 OC Water Summit for the MWDOC/OCWD Joint Planning Committee.</p> <p>Tiffany met with Christopher Regan and Sarah Wilson to discuss current issues and upcoming projects/campaigns at LBCWD.</p> <p>Tiffany met with Damon Micalizzi to discuss current issues and upcoming projects at YLWD.</p> <p>Jonathan and Laura met with the OC Register to develop a prototype of the water magazine for the 2016-17 CHOICE communications offering.</p> <p>Jonathan and Laura worked with the OC Register and Capistrano Unified School District to publicize the awards for the Poster Slogan Contest.</p> <p>Heather met with Kathy Besser, Director of External Affairs at the Inland Empire Utilities Agency (IEUA), to discuss planning for the next D.C. luncheon.</p> <p>Heather met with Stacy Taylor of Mesa Water District to discuss legislation and upcoming Mesa Water events.</p> <p>Heather provided an update on the SWRCB's Public Drinking Water Fee proposal to the MWDOC member agency managers.</p> <p>Heather met with EJ Caldwell of West Basin Municipal Water District to exchange ideas and concepts for future elected officials' meetings and water summits.</p> <p>Heather served on an interview panel for IEUA's external affairs analyst position.</p> <p>The Public Affairs team attended OCWD's Dedication of the H2O Learning Center.</p>
Community Relations	<p>Laura participated in the NPDES Public Education sub-committee conference call with the County of Orange.</p>

Community Relations (Continued)	<p>Jonathan participated in a panel during the Filipino Chamber of Commerce “Go Green” event.</p> <p>Jonathan attended the OCBC Infrastructure Committee meeting.</p> <p>Jonathan sent out the August edition of eCurrents, which included stories from Bryce and Ivan.</p>
Education	<p>Laura performed the year-end reconciliation of the 2015-16 education program.</p> <p>Laura coordinated with member agencies for their 2016-17 target student budgets.</p> <p>Bryce, Jonathan and Laura met with representatives from United Water to explore opportunities for education partnerships.</p> <p>Jonathan and Laura met with the MET Education Unit to discuss integration/coordination of the MET high school program with the MWDOC program.</p>
Media Relations	<p>Jonathan attended a seminar on crisis communications sponsored by the National Oceanic and Atmospheric Administration.</p> <p>Jonathan attended a media mixer hosted by the Orange County Public Relations Society.</p> <p>Jonathan and Tiffany attended the MET PIO meeting.</p> <p>Jonathan coordinated an interview on OC water use with KFI reporter, Jo Kwan, and me. Jonathan and Joe Berg prepared materials for me to use during the interview.</p>
Special Projects	<p>Laura designed an introductory flyer and the first door hanger for a program that will use OC Realtors to distribute MWDOC conservation messages. The work received positive feedback from the OCAR Board of directors at their board meeting.</p> <p>Laura created the notifications that were sent out through the weekly California Sprinkler Adjustment Notification emails.</p> <p>Tiffany and Bryce met with Steve Creech and Tammy Glossip with the Wyland Foundation. Items discussed included the 2017 Wyland National Mayors Challenge, community event opportunities with the Foundation, the Wyland National Art and Mural Challenge and MET inspection trip opportunities for Foundation staff members.</p>

Special Projects (Continued)	<p>Tiffany and Bryce met with Michelle Schuetz with Asm. Travis Allen's office. Items discussed were Bolsa Conservancy Barefoot Ball opportunities for MWDOC staff and the Metropolitan inspection trip schedule for 2016-17. Michelle also connected the team with the education coordinator for the Conservancy.</p> <p>Tiffany and Bryce met with Fred O'Callaghan from JPL to discuss tour logistics and itinerary options for the 2016-17 inspection trip season.</p> <p>Tiffany and Bryce met with Cathy and me to discuss MWDOC entryway display options. Bryce has received several quotes from a variety of vendors, and has prepared a few rough mockups.</p> <p>Tiffany joined a webinar defining participation in "Imagine a Day Without Water 2016."</p> <p>Tiffany is completing the newly formatted WEROC briefing paper.</p> <p>Tiffany and Bryce met with Director Larry Dick, and Director Don Galleano with Western Municipal Water District and MET staff to outline the itinerary for their joint inspection trip of the SWP and Central Valley Agriculture.</p> <p>Tiffany and Bryce are currently working on trip logistics, guest and director needs for the following inspection trips:</p> <ol style="list-style-type: none"> 1. September 23-24, Director McKenney, SWP (working with ACC-OC to fill the bus) 2. October 14-15, Director Dick/Director Galleano (WMWD) SWP/Central Valley Agriculture 3. October 21-22, Director Ackerman, SWP 4. November 18(?), Director Dick, JPL/Weymouth (still confirming date with JPL) <p>Tiffany worked with Ellen Orange-Brown and Coastkeeper to secure a table for MWDOC at the Coastal Cleanup event- Huntington Beach location- on September 17. Several thousand attendees are expected. Tiffany prepared a promotional flyer for the event which will be used in social media outreach, and in eCurrents. Ricki the Raindrop mascot will be making his public debut.</p>
---	---

Special Projects (Continued)	<p>Jonathan met with Jeff Duer from the OC Boys Scouts to review details of the Soil and Water Conservation Merit Badge.</p> <p>Jonathan attended the Water Use Efficiency Committee meeting.</p> <p>Heather staffed the WACO Planning meeting where the Committee provided staff direction for the August and September programs. Director Finnegan also attended.</p> <p>Jonathan attended a planning meeting for Supervisor Bartlett's October 1 South OC Water Summit.</p> <p>Heather and Laura staffed the ISDOC Executive Committee meeting. Directors Dick and Finnegan also attended.</p> <p>Heather staffed the August WACO meeting featuring WEROC Program Manager, Kelly Hubbard, and a panel of emergency response officials discussing how Orange County will coordinate and respond in the event of a natural disaster.</p>
Legislative Affairs	<p>Heather, Syrus and Stacy Taylor had a conference call with Jimmy McDonald of the California Special Districts Association to discuss planning for the 2017 legislative year.</p> <p>Heather participated in the MET Member Agency Legislative Coordinators' conference call.</p> <p>Heather participated in the Southern California Water Committee Legislative Task Force conference call.</p>
Water Summit	<p>Jonathan and Tiffany attended two hotel walk-throughs with OCWD to scout potential locations for the 2017 OC Water Summit. Tiffany is following up with a third potential hotel in Huntington Beach, and has placed a guaranteed hold on space at the South Coast Plaza Westin.</p>

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
- Susan Hinman