

REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
AND ANNUAL MEETING OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
WATER FACILITIES CORPORATION  
18700 Ward Street, Board Room, Fountain Valley, California  
September 19, 2018, 8:30 a.m.

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**AGENDA**

**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

**PUBLIC COMMENTS/PARTICIPATION**

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

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

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

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

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

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

**EMPLOYEE SERVICE AWARDS**

**MWDOC WATER FACILITIES CORPORATION AGENDA ITEMS**

**WFC-1 FINANCIAL REPORT**

- a. Annual Filing of Tax Compliance Reports.

*Recommendation: Authorize the annual filing of the tax compliance reports as presented.*

**WFC-2 REORGANIZATION OF MWDOC WFC BOARD OFFICERS**

*Recommendation: Consider reorganizing the MWDOC WFC Board officers*

**ADJOURNMENT -- END MWDOC WFC AGENDA**

**NEXT RESOLUTION NO. 2075**

**CONSENT CALENDAR (Items 1 to 7)**

(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. August 1, 2018 Workshop Board Meeting
- b. August 15, 2018 Regular Board Meeting

*Recommendation: Approve as presented.*

**2. COMMITTEE MEETING REPORTS**

- a. Planning & Operations Committee Meeting: August 6, 2018
- b. Administration & Finance Committee Meeting: July 11, 2018 (revised)
- c. Administration & Finance Committee Meeting: August 8, 2018
- d. Public Affairs & Legislation Committee Meeting: August 13, 2018
- e. Executive Committee Meeting: August 16, 2018

*Recommendation: Receive and file as presented.*

**3. TREASURER'S REPORTS**

- a. MWDOC Revenue/Cash Receipt Register as of August 31, 2018
- b. MWDOC Disbursement Registers (August/September)

*Recommendation: Ratify and approve as presented.*

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

*Recommendation: Receive and file as presented.*

**4. FINANCIAL REPORT**

- a. Combined Financial Statements and Budget Comparative for the Period ending July 31, 2018

*Recommendation: Receive and file as presented.*

**5. AUTHORIZE FY 18-19 CHOICE PROGRAMS BUDGET REVISIONS**

*Recommendation: Approve the Choice Programs budget revisions.*

**6. AWARD PROFESSIONAL SERVICES CONTRACT FOR MWDOC SEISMIC RETROFIT PROJECT**

*Recommendation:* Authorized the General Manager to contract with IDS Group in the amount of \$142,600 based on the Proposed Budget described in their proposal and the revised cost proposal dated September 5, 2018 for the MWDOC Seismic Retrofit Project work.

**7. AUTHORIZE ATTENDANCE AT THE FEMA & AWWA DISASTER RESOURCE TYPING STANDARDS WORKSHOP, NOVEMBER 15, 2018, WASHINGTON, DC**

*Recommendation:* Authorize attendance by Kelly Hubbard at the FEMA & AWWA Disaster Typing Standards Workshop, November 15, 2018 in Washington, DC.

**End Consent Calendar**

**ACTION ITEMS**

**8-1 SCOPING STUDY TO ESTIMATE THE COST OF CORRECTING SMALL NON-COMPLIANT WATER SYSTEMS IN CALIFORNIA TO ENGAGE IN THE UPCOMING STATE “WATER TAX” DISCUSSIONS**

*Recommendation:* Authorize an initial \$20,000 on a sole source basis to Black & Veatch Engineers (B&V) to begin preparation of cost estimates to bring, small, non-compliant water systems, statewide, into compliance. The total study cost may be on the order of \$200,000, but the initial seed funding is required to initiate the work. The District plans to seek support from other water providers to fund the overall effort. The purpose of developing the cost estimates is to provide updated and more accurate information to help engage on this issue at the State level.

**8-2 PRUDENT COMPANION POLICY**

*Recommendation:* Review, discuss, and consider adopting Director Barbre’s draft Prudent Companion Policy.

**8-3 AUTHORIZATION TO CONTRACT FOR STRATEGIC DIGITAL COMMUNICATIONS SERVICES**

*Recommendation:* Authorize entering into a contract with HashtagPinpoint to provide Strategic Digital Communications Services for the Municipal Water District of Orange County’s (MWDOC) outreach initiatives.

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

**9. GENERAL MANAGER'S REPORT, SEPTEMBER 2018 (ORAL AND WRITTEN)**

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

**10. MWDOC GENERAL INFORMATION ITEMS**

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

*Recommendation: Receive and file as presented.*

**CLOSED SESSION**

**12. PUBLIC EMPLOYEE PERFORMANCE EVALUATION**

Title: General Manager  
Government Code Section 54957

**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.



Item No. WFC-1

**ACTION ITEM**  
September 19, 2018

**TO:** Board of Directors, MWDOC Water Facilities Corporation

**FROM:** Robert Hunter, General Manager                      Staff Contact: Jeffrey Stalvey

**SUBJECT:** 2018 Annual Filing of Tax Compliance Reports for the MWDOC Water Facilities Corporation

**STAFF RECOMMENDATION**

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Staff recommends that the Board of Directors Ratify the annual filing of the Water Facilities Corporation tax compliance reports as presented.

**COMMITTEE RECOMMENDATION**

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Committee concurred with staff recommendation.

**SUMMARY**

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To maintain the Water Facilities Corporation ("Corporation") as an active entity, the following tax compliance reports will be filed on behalf of the Corporation for FY 2017-18, upon review of the Administration & Finance Committee, and concurrence by the Corporation Board of Directors:

- ePostcard of Organization Exempt from Income Tax (IRS Form 990-N). This is allowed since the corporations gross receipts are less than \$50,000.
- ePostcard of California Exempt Organization Annual Information Return (CA Form 199-N). This is allowed since the corporations gross receipts are less than \$50,000.
- Annual Registration Renewal Fee Report to Attorney General of California (CA Form RRF-1)
- The Corporation Board of Directors approved filing these reports for FY 2016-17 on September 20, 2017.

Attachments

- IRS 990-N ePostcard
- CA 199-N ePostcard
- CA Form RRF-1

Budgeted (Y/N): N/A	Budgeted Amount: N/A	Core __	Choice __
Action Item Amount: N/A	Line item:		
Fiscal Impact (explain if unbudgeted): N/A			



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Session expires in 19:53

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## 199N e-Postcard - Confirmation

Print this page for your records. The Confirmation Number below is proof that you successfully filed your e-Postcard.

We received your FTB 199N California e-Postcard on August 08, 2018 11:28 AM.

**Confirmation Number:**  
084438622006

## Entity Information

**Entity ID:**  
0844386

**Entity Name:**  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY WATER FACILITIES CORPORATION

**Account Period Beginning:**  
JULY 01, 2017

**Account Period Ending:**  
JUNE 30, 2018

This is not your entity's first year in business.

Your entity has not terminated or gone out of business.

Your entity has not changed the account period.

**Gross Receipts:**  
\$0

This is not an amended return.

An IRS Form 1023/1024 is not pending.

**Date IRS Form 1023/1024 Filed:**  
N/A

**FEIN:**  
953500739

**Doing Business As:**

**Website Address:**

## Entity's Mailing Address

PO BOX 20895  
FOUNTAIN VALLEY, CA 92728

## Principal Officer's Information

**Name:** HILARY CHUMPITAZI  
PO BOX 20895  
FOUNTAIN VALLEY, CA 92728

## Contact Information

**Name:** JEFFREY STALVEY

**Phone:** 714.593.5022

[Print](#)

[Log Out](#)

After we process your 199N e-Postcard, you may receive a bill if the three year gross receipt average is greater than the amount allowed for filing a 199N e-Postcard.

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Department of the Treasury  
Internal Revenue Service

for Tax-Exempt Organization not Required to File Form 990 or 990-EZ

2017

Open to Public Inspection

**A** For the **2017** Calendar year, or tax year beginning **2017-07-01** and ending **2018-06-30****B** Check if available

- ☐ Terminated for Business  
☒ Gross receipts are normally \$50,000 or less

**C** Name of Organization: **MUNICIPAL WATER DISTRICT OF  
ORANGE COUNTY WALTER FACILITIES CORP**  
**PO Box 20895, Fountain  
Valley, CA, US, 92728****D** Employee IdentificationNumber **95-3500739****E** Website:**F** Name of Principal Officer: **Hilary Chumpitazi****PO Box 20895, Fountain  
Valley, CA, US, 92728**

**Privacy Act and Paperwork Reduction Act Notice:** We ask for the information on this form to carry out the Internal Revenue laws of the United States. You are required to give us the information. We need it to ensure that you are complying with these laws.

The organization is not required to provide information requested on a form that is subject to the Paperwork Reduction Act unless the form displays a valid OMB control number. Books or records relating to a form or its instructions must be retained as long as their contents may become material in the administration of any Internal Revenue law. The rules governing the confidentiality of the Form 990-N is covered in code section 6104.

The time needed to complete and file this form and related schedules will vary depending on the individual circumstances. The estimated average times is 15 minutes.

**Note:** This image is provided for your records only. Do Not mail this page to the IRS. The IRS will not accept this filing via paper. You must file your Form 990-N (e-Postcard) electronically.



**MAIL TO:**

Registry of Charitable Trusts  
P.O. Box 903447  
Sacramento, CA 94203-4470  
(916) 210-6400

**WEB SITE ADDRESS:**

[www.ag.ca.gov/charities/](http://www.ag.ca.gov/charities/)

## ANNUAL REGISTRATION RENEWAL FEE REPORT TO ATTORNEY GENERAL OF CALIFORNIA

Section 12586 and 12587, California Government Code  
11 Cal. Code Regs. section 301-307, 311, and 312

Failure to submit this report annually no later than the 15th day of the 5th month after the end of the organization's accounting period may result in the loss of tax exemption and the assessment of a minimum tax of \$800, plus interest, and/or fines or filing penalties as defined in Government Code section 12586.1. IRS extensions will be honored.



State Charity Registration Number <u>34561</u> <hr/> Municipal Water District of Orange County-Water Facilities Corporation Name of Organization <hr/> 18700 Ward Street Address (Number and Street) <hr/> Fountain Valley, Ca 92708 City or Town, State and ZIP Code	Check if: <input type="checkbox"/> Change of address <input type="checkbox"/> Amended report <hr/> Corporate or Organization No. <u>D-0844386</u> Federal Employer I.D. No. <u>95-3500739</u>
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**ANNUAL REGISTRATION RENEWAL FEE SCHEDULE (11 Cal. Code Regs. sections 301-307, 311, and 312)**  
**Make Check Payable to Attorney General's Registry of Charitable Trusts**

Gross Annual Revenue	Fee	Gross Annual Revenue	Fee	Gross Annual Revenue	Fee
Less than \$25,000	0	Between \$100,001 and \$250,000	\$50	Between \$1,000,001 and \$10 million	\$150
Between \$25,000 and \$100,000	\$25	Between \$250,001 and \$1 million	\$75	Between \$10,000,001 and \$50 million	\$225
				Greater than \$50 million	\$300

**PART A - ACTIVITIES**

For your most recent full accounting period (beginning 07 / 01 / 2017 ending 06 / 30 / 2018) list:

Gross annual revenue \$ 0 Total assets \$ 0

**PART B - STATEMENTS REGARDING ORGANIZATION DURING THE PERIOD OF THIS REPORT**

**Note:** If you answer "yes" to any of the questions below, you must attach a separate page providing an explanation and details for each "yes" response. Please review RRF-1 instructions for information required.

	Yes	No
1. During this reporting period, were there any contracts, loans, leases or other financial transactions between the organization and any officer, director or trustee thereof either directly or with an entity in which any such officer, director or trustee had any financial interest?		X
2. During this reporting period, were there any theft, embezzlement, diversion or misuse of the organization's charitable property or funds?		X
3. During this reporting period, did non-program expenditures exceed 50% of gross revenue?		X
4. During this reporting period, were any organization funds used to pay any penalty, fine or judgment? If you filed a Form 4720 with the Internal Revenue Service, attach a copy.		X
5. During this reporting period, were the services of a commercial fundraiser or fundraising counsel for charitable purposes used? If "yes," provide an attachment listing the name, address, and telephone number of the service provider.		X
6. During this reporting period, did the organization receive any governmental funding? If so, provide an attachment listing the name of the agency, mailing address, contact person, and telephone number.		X
7. During this reporting period, did the organization hold a raffle for charitable purposes? If "yes," provide an attachment indicating the number of raffles and the date(s) they occurred.		X
8. Does the organization conduct a vehicle donation program? If "yes," provide an attachment indicating whether the program is operated by the charity or whether the organization contracts with a commercial fundraiser for charitable purposes.		X
9. Did your organization have prepared an audited financial statement in accordance with generally accepted accounting principles for this reporting period?		X

Organization's area code and telephone number ( 714 ) 593 - 5022

Organization's e-mail address jstalvey@mwdoc.com

I declare under penalty of perjury that I have examined this report, including accompanying documents, and to the best of my knowledge and belief, the content is true, correct and complete.

 Signature of authorized officer	Jeffrey Stalvey Printed Name	Deputy Treasurer Title	8/8/2018 Date
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Item No. WFC-2

**ACTION ITEM**  
September 19, 2018

**TO:** Board of Directors, MWDOC Water Facilities Corporation

**FROM:** Robert Hunter, General Manager                      Staff Contact: Jeffrey Stalvey

**SUBJECT:** Annual Reorganization of Board Officers for the MWDOC Water Facilities Corporation

**STAFF RECOMMENDATION**

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Staff recommends that the Board of Directors consider reorganization of Board Officers for the MWDOC Water Facilities Corporation.

**COMMITTEE RECOMMENDATION**

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Committee recommended appointing Director Yoo Schneider as President and Director Tamaribuchi as Vice President.

**SUMMARY**

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In December 2010, the Board of Directors adopted the Amended and Restated By-Laws for the Water Facilities Corporation ("Corporation"). An annual reorganization of Corporation Board Officers shall be conducted in accordance with Article IV., Sections 4.02 and 4.03, as excerpted below.

**Section 4.02. Appointment.** The officers shall be chosen at the annual meeting each year by the Board of Directors and each shall hold their office until they shall resign, be removed, or otherwise disqualified to serve, or a successor shall be qualified and appointed.

**Section 4.03. Term of Office.** Unless otherwise determined at the discretion of the Board of Directors, the term of office of the President and Vice President of the Corporation shall be for one year. The term of office of the General Manager, Secretary and Treasurer of the Corporation, respectively, shall coincide with each individual's term of employment with the District.

Currently Director Megan Yoo Schneider serves as President and Director Larry Dick serves as Vice President of the MWDOC Water Facilities Corporation.

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

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

August 1, 2018

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

**MWDOC DIRECTORS**

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

**MWDOC STAFF**

Robert Hunter, General Manager  
Karl Seckel, Assistant General Manager  
Joe Byrne, Legal Counsel  
Katie Davanaugh, Sr. Exec. Assistant  
Tina Dubuque, Exec. Assistant  
Melissa Baum-Haley, Sr. Water Resource Analyst  
Chris Lingad, Water Resources Analyst  
Kevin Hostert, Water Resources Analyst  
Charles Busslinger, Principal Engineer  
Heather Baez, Governmental Affairs Manager  
Damon Micalizzi, Director of Public Affairs  
Joe Berg, Director of Water Use Efficiency

\*Also MWDOC MET Directors

**OTHER MWDOC MET DIRECTORS**

Larry McKenney

**OTHERS PRESENT**

Fred Adjarian  
Mark Monin  
Jim Atkinson  
Paul Shoenberger  
Don Froelich  
Jose Vergara  
Marc Marcantonio  
Brad Coffey  
Brooke Jones  
Dennis Erdman  
Rick Erkeneff  
Lindsey Stuvich  
Liz Mendelson-Goossens  
Peer Swan  
Paul Weghorst  
Paul Cook  
John Kennedy  
Mike Markus  
Ed Means

El Toro Water District  
El Toro Water District  
Mesa Water  
Mesa Water  
Moulton Niguel Water District  
El Toro Water District  
Yorba Linda Water District  
Metropolitan Water District of So. CA  
Yorba Linda Water District  
South Coast Water District  
South Coast Water District  
Moulton Niguel Water District  
San Diego County Water Authority  
Irvine Ranch Water District  
Irvine Ranch Water District  
Irvine Ranch Water District  
Orange County Water District  
Orange County Water District  
Means Consulting

Director Finnegan noted the recent passing of Orange County Water District Board member Phil Anthony and acknowledged all of his efforts in the Orange County region for the past several decades.

**PUBLIC PARTICIPATION/PUBLIC COMMENTS**

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

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 presented.

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

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

No items were distributed.

**PRESENTATION TO GARY BREAUX (MET) ON THE OCCASION OF HIS RETIREMENT**

President Barbre noted that Mr. Breaux was not in attendance.

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

Director McKenney noted that the California WaterFix vote of support remains unchanged at Metropolitan Water District, following a recent revote. He also noted the importance of the WaterFix and the magnitude of work that needs to be completed, and that the rate litigation continues with San Diego County Water Authority.

Director Dick agreed that the WaterFix activities will take a great amount of effort and time.

**DISCUSSION SERIES PART 2 – LOCAL RESOURCES PROGRAM (LRP) NEAR-TERM POLICY DISCUSSION**

Mr. Brad Coffey (MET) expressed thanks to the MWDOC staff for their efforts with the Local Resources Program.

Sr. Water Resources Analyst, Melissa Baum Haley, provided a 2<sup>nd</sup> installment presentation on the LRP and the merits of Metropolitan Water District (MET) developing an interim LRP target. She also reviewed the regional benefits of the program, including improvement of reliability, reduced demands for imported water, reduction in system costs, aid in meeting the IRP goals as well as meets legislative requirements. Dr. Baum Haley reviewed benefits of the Integrated Resources Plan versus the Local Resources Plan and a timeline of activities related to MET's

upcoming Board action on an interim target, policy and goals. A list of project applications submitted to MET pending reviewed, emphasizing that such projects submitted are yet to be approved for LRP funding.

Discussion was held on the merits of establishing an interim LRP target and how changing conditions warrant consideration of program review and modification. . Additional discussion was held on whether stormwater projects should be included in the program, noting that it was somewhat controversial on whether it meets the program criteria or the intent of the program

The 3<sup>rd</sup> presentation on this topic is scheduled for the September 5<sup>th</sup> Workshop Board meeting and will include discussion on stormwater capture, establishment of an interim LRP target, and whether future program and/or policy modifications are needed. Director Yoo Schneider added that staff provide a list of recent Southern California stormwater projects.

### **CALIFORNIA WATERFIX ACTIVITIES UPDATE**

No comments were received on this item, however Chairman Barbre reiterated the opening comments regarding the immense amount of work to be completed on the WaterFix.

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

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

The Board received and filed the information as presented.

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

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

The Board received and filed the report as presented.

### **ADJOURNMENT**

There being no further business to come before the Board, the meeting adjourned at 9:35 a.m., in memory of Phil Anthony.

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Maribeth Goldsby  
Board Secretary

**MINUTES OF THE REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
August 15, 2018**

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

**MWDOC DIRECTORS**

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

**STAFF**

Robert Hunter, General Manager  
Karl Seckel, Assistant General Manager  
Joe Byrne, Legal Counsel  
Maribeth Goldsby, Board Secretary  
Damon Micalizzi, Dir. of Public Affairs  
Hilary Chumpitazi, Accounting Manager  
Lina Gunawan, Sr. Accountant

**ALSO PRESENT**

Larry McKenney  
Linda Ackerman  
Jose Vergara  
Jim Atkinson  
Jim Fisler  
Dennis Erdman  
Al Nederhood  
Brooke Jones

MWDOC MET Director  
MWDOC MET Director  
El Toro Water District  
Mesa Water  
Mesa Water  
South Coast Water District  
Yorba Linda Water District  
Yorba Linda Water District

**PUBLIC PARTICIPATION/PUBLIC COMMENT**

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

No comments were received.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

No items were received.

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

President Barbre inquired as to whether there were any items distributed to the Board less than 72 hours prior to the meeting. No items were distributed.

No items were distributed.

**EMPLOYEE SERVICE AWARD**

President Barbre, along with General Manager Hunter, presented Sr. Accountant, Lina Gunawan with an award for ten-years of service to the District.

**CONSENT CALENDAR**

President Barbre stated all matters under the Consent Calendar would be approved by one MOTION unless a Director wished to consider an item separately.

Director Yoo Schneider pulled Item No. 5 (Authorize Extension of Agreement for Social Media Consulting Services for up to Six Months) from the Consent Calendar for further discussion.

President Barbre advised that due to a typo, revised Minutes to the July 18, 2018 Board meeting (Item No. 1b) will replace the Minutes in the Board packet.

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

**MINUTES**

The following minutes were approved.

July 3, 2018 Workshop Board Meeting  
July 18, 2018 Regular Board Meeting (as revised)

**COMMITTEE MEETING REPORTS**

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

Planning & Operations Committee Meeting: July 2, 2018  
Administration & Finance Committee Meeting: July 11, 2018  
Public Affairs & Legislation Committee Meeting: July 16, 2018  
Executive Committee Meeting: July 19, 2018  
MWDOC/OCWD Joint Planning Committee Meeting: July 25, 2018

**TREASURER'S REPORTS**

The following items were ratified and approved as presented.

MWDOC Revenue/Cash Receipt Register as of July 31, 2018  
MWDOC Disbursement Registers (July/August)

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 June 30, 2018

PARS Monthly Statement (OPEB Trust)

Water Use Efficiency Projects Cash Flow

**FINANCIAL REPORT**

The following items were received and filed as presented.

Draft Combined Financial Statements and Budget Comparative for the period ending June 30, 2018

Quarterly Budget Review (deferred to FY 2017-18 Audited Annual Financials)

**REVISION TO MWDOC ADMINISTRATIVE CODE SECTION 8000**

The Board approved the revision to MWDOC Administrative Code Section 8000.

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

The Board approved the travel expenses as reported.

**TRAVEL TO SACRAMENTO TO COVER STATE ADVOCACY ISSUES**

The Board ratified the travel expenses as reported.

**- END CONSENT CALENDAR -**

**ITEMS PULLED FROM THE CONSENT CALENDAR**

**AUTHORIZE EXTENSION OF AGREEMENT FOR SOCIAL MEDIA CONSULTING SERVICES FOR UP TO SIX MONTHS**

Director Yoo Schneider stated that she pulled this item from the Consent Calendar because of her intention to vote no.

Upon MOTION by Director Thomas, seconded by Director Finnegan, and carried (5-1), the Board authorized the General Manager to extend the agreement with HashtagPinpoint Corporation (#P) to provide Social Media Consulting Services to the District. This agreement secures services currently provided by #P on a month to month basis for a period of up to six months, or until the District's current Request For Proposals (RFP) process for Strategic Digital Communications Services - No. PA0618-001 - has concluded. Directors Barbre, Dick, Finnegan, Tamaribuchi, and Thomas voted in favor; Director Yoo Schneider opposed.



**ACTION CALENDAR****AUTHORIZE ATTENDANCE AT THE WEFTEC CONFERENCE, SEPTEMBER 29-OCTOBER 3, 2018, NEW ORLEANS, LA**

Director Yoo Schneider noted that the Committee (by a 2-1 vote) recommended the Board authorize attendance by one Director only. Director Yoo Schneider made MOTION for the Board to approve the staff recommendation (to authorize attendance by one Director and one staff member), or authorize attendance by staff only. Director Tamaribuchi seconded the MOTION.

Discussion ensued regarding the benefits derived from the conference and the need to appropriately budget for such conferences.

Directors Dick and Barbre commented that they support authorizing attendance at such conferences by Directors, but that they hesitate to authorize staff attendance due to the fact that the organization was not included in the budget and MWDOC is not a member. Director Finnegan concurred, noting her support for the Committee recommendation.

Director Thomas indicated his support for Director Yoo Schneider's MOTION.

Director Yoo Schneider commented that attendance would provide staff the opportunity to showcase MWDOC's Programs (e.g., water use efficiency, school program, etc.), and she asked for the Board's support of her MOTION.

The MOTION failed by a vote of 3-3, with Directors Yoo Schneider, Tamaribuchi, and Thomas voting in favor, and Directors Barbre, Dick, and Finnegan opposed.

Director Thomas then made a MOTION, which was seconded by Director Finnegan, and carried (6-0), to authorize attendance by one Director only (no staff) at the WEFTEC Conference to be held September 29-October 3, 2018 in New Orleans, LA. Directors Barbre, Dick, Finnegan, Yoo Schneider, Tamaribuchi, and Thomas voted in favor. Director Osborne was absent.

**H.R. 6147 – DEPARTMENT OF INTERIOR APPROPRIATIONS**

Director Thomas made a MOTION, which was seconded by Director Finnegan, for the Board to adopt a support position on language in Section 441 of H.R. 6147 (Calvert-CA), the House Appropriations bill for the Department of Interior, and send a letter to Congressman Valadao expressing MWDOC's position.

Discussion ensued, with Directors Tamaribuchi and Yoo Schneider expressing opposition to the language, noting it may dilute MWDOC's position on the California WaterFix. Director Tamaribuchi noted he did not see any benefit for supporting this language and Director Yoo Schneider expressed the importance of the environmental review process.

Director Dick requested further information regarding the pros/cons of a support position on the language (as he was not present during the Board and Committee's prior discussions).

Director Barbre expressed support for the language.

Following further discussion regarding the pros and cons of the language, Director Dick commented that he would like to hear MET's opinion on the language prior to the MWDOC Board vote and he requested that the item return to the Public Affairs & Legislation Committee in September. The Board generally concurred, and Director Thomas withdrew his MOTION. This item will return to Committee in September.

### **ISDOC CALL FOR NOMINATIONS**

President Barbre reported that Director Finnegan expressed interested in serving another term as ISDOC Treasurer.

Upon MOTION by Director Tamaribuchi, seconded by Director Dick, and carried (6-0), the Board adopted RESOLUTION NO. 2074, nominating Joan C. Finnegan as ISDOC Treasurer, by the following roll call vote:

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

### **INFORMATION CALENDAR**

#### **GENERAL MANAGER'S REPORT, AUGUST 2018**

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

Mr. Hunter highlighted the Strand Ranch Project, noting that he has given presentations/updates to various member agencies on the Project; he advised that presentations/updates were available to all of MWDOC's Member Agencies.

The Board received and filed the report as presented.

### **MWDOC GENERAL INFORMATION ITEMS**

#### **a. BOARD OF DIRECTORS**

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

Director Dick reported on attending the following meetings: the MWDOC MET Director caucus, the MET Executive Committee meeting, the MWDO/OCWD Joint Planning Committee meeting, the Urban Water Institute conference, the South Orange County Economic Coalition meeting, the OCBC meeting, a meeting with Feedy Mares, the Mimi Walters breakfast event, the Planning & Operations Committee meeting, the Planning & Operations Committee meeting, and the ISDOC Executive Committee meeting.

Director Finnegan reported on attending all of MWDOC's regularly scheduled meetings (Planning & Operations, Administration & Finance, Public Affairs & Legislation, and Executive Committee

meetings, the MWDOC/OCWD Joint Planning Committee meeting, as well as the Workshop and Regular Board meetings), as well as the ISDOC Executive Committee meeting. She announced that Hank Panion's Celebration of Life would be held on August 17, 2018, and Phil Anthony's Celebration of Life would be held on August 19, 2018.

Director Tamaribuchi advised that he attended all of MWDOC's regularly scheduled meetings, except the Public Affairs & Legislation and Executive Committee meetings, (Planning & Operations, Administration & Finance, and MWDOC/OCWD Joint Planning Committee meetings, as well as the Workshop and Regular Board meetings), the CCEEB Summer Issues Seminar, the CCEEB Plenary meeting, the Mimi Walters breakfast event, and the WACO meeting.

Director Thomas stated that he attended all of MWDOC's regularly scheduled meetings (Planning & Operations, Administration & Finance, Public Affairs & Legislation, MWDOC/OCWD Joint Planning, and Executive Committee meetings, as well as the Workshop and Regular Board meetings), the MWDOC/OCWD Joint Planning Committee meeting, a meeting regarding the Cadiz Project, and a meeting regarding the Poseidon Desalination Project.

Director Yoo Schneider advised that she attended the following meetings: the Executive Committee meeting, the Women In Water meeting, the MWDOC/OCWD Joint Planning Committee meeting, the CCEEB Summer Issues Seminar, the Workshop Board meeting, the Southern California OC Watershed Management Executive Committee meeting, the Planning & Operations Committee meeting, a meeting with EOCWD, a meeting with MET staff, the San Juan Basin Authority meeting, and the Mimi Walters breakfast event.

Director Barbre advised that he submitted a written report to Secretary Goldsby. He noted that the written report included the following meetings in his capacity as MET Director: the MWDOC MET Director caucus luncheon, the MWDOC MET Director caucus (first Wednesday) meeting, the MET Board and Committee meetings, the MET fourth Tuesday Committee meetings, a meeting with Ken Khachigian regarding the Cadiz Project, and a meeting with Scott Maloni regarding Poseidon. In his capacity as MWDOC Director he attended the following meetings: the Workshop and Regular Board meetings, the Planning & Operations, Administration & Finance, Public Affairs & Legislation, Executive, and MWDOC/OCWD Joint Planning Committee meetings, a meeting with Senator Herzberg, the YLWD/MWDO/OCWD bi-monthly meeting, and a meeting with Rob Hunter, Karl Seckel and Scott Maloni.

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

Director Dick requested that due to the high cost of elections, the issue of requiring special district candidates to gather signatures to qualify for the ballot be agendized for a future Public Affairs & Legislation Committee meeting. It was noted that staff would confer with legal counsel.

**ADJOURNMENT**

There being no further business to come before the Board, President Barbre adjourned the meeting at 9:12 a.m. in memory of ETWD Director Scott Colton.

Respectfully submitted,

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Maribeth Goldsby, Secretary

MINUTES OF THE MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PLANNING & OPERATIONS COMMITTEE**  
August 6, 2018 – 8:30 am to 9:30 a.m.  
MWDOC Conference Room 101

**P&O Committee:**

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

**Staff:**

Rob Hunter, Karl Seckel, Kelly Hubbard,  
Katie Davanaugh, Kelly Hubbard,  
Tina Dubuque, Melissa Baum Haley,  
Charles Busslinger, Kevin Hostert,  
Francisco Soto, Chris Lingad,  
Damon Micalizzi, Joe Berg

**Also Present:**

Director Brett Barbre  
Director Joan Finnegan  
Director Jeff Thomas  
Director Larry Dick  
Larry McKenney, MWDOC Met Director  
Jose Vergara, El Toro Water District  
John Kennedy, Orange County Water District  
Mike Markus, Orange County Water District  
Adam Hutchinson, Orange Co. Water District  
Jim Fisler, Mesa Water  
John Earl  
Paul Weghorst, Irvine Ranch Water District  
Peer Swan, Irvine Ranch Water District  
Paul Cook, Irvine Ranch Water District  
Liz Mendenson-Goossens,  
San Diego County Water Authority

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Director Barbre chaired the meeting and called it to order at 8:30 a.m. in the absence of Director Osborne. Director Dick sat on the Committee, noting that Director Yoo Schneider had not yet arrived.

**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.

**DISCUSSION ITEMS****STATUS OF THE ORANGE COUNTY WATER RELIABILITY STUDY 2018 UPDATE**

Mr. Seckel noted that work continues by MWDOC consultant CDM on the OC Water Reliability Study. A workshop is being planned for the end of August but a date has not yet been confirmed. A WACO presentation is anticipated for September or October. Mr. Seckel acknowledged delays with completion of the report but does expect that the final report will be completed by the end of this calendar year.

(8:35 am Director Yoo Schneider arrived and took her seat on the Committee).

**PROPOSED WATER RELIABILITY PILOT PROGRAM BETWEEN MWDOC & IRWD FOR EXTRAORDINARY SUPPLY DURING MET ALLOCATIONS**

Mr. Hunter provided a presentation of the pilot program being reviewed with Irvine Ranch Water District, noting that the purpose of the program would be to provide MWDOC retail agencies with reliability “insurance” to access extraordinary supplies during MET drought allocation or during emergency conditions. Mr. Hunter went on to review the water supply allocation plan and defined “extraordinary supply”. He noted the term of the program to be 7 years with an amount of 5,000 acre feet from the IRWD Water Bank. Mr. Hunter also reviewed anticipated fees, charges and costs (and potential cost avoidance), delivery charges and then reviewed a couple of average member agency examples. Program benefits include increased supply reliability, pay for water when needed, less expensive than paying allocation surcharge through MET, coverage for all member agencies, and the fact that structures and assets are already in place and have been tested.

The Strand Ranch Water Bank is an aquifer of 126 TAF of storage, include 761 acres for recharge and includes 3 turnouts with access to the California Aqueduct and Cross Valley Canal.

Next steps include feedback from this Committee, discussions with member agencies, development of a draft pilot program agreement, develop a drought reliability program and inclusion of this project in the Orange County Water Reliability Study.

Director Yoo Schneider expressed support for continued consideration of this pilot program; Director Barbre noted the importance of relaying the information of this program to member agency staff and Board, as well as the consideration of whether allocations are likely; Director Tamaribuchi expressed support and Director Dick was also in support of continued review and next steps discussed, as outlined in the staff presentation.

**INFORMATION ITEMS****LETTER OF SUPPORT FOR SOUTH COAST WATER DISTRICT’S COMPLETION OF THE FINAL ENVIRONMENTAL IMPACT REPORT: DOHENY OCEAN DESALINATION PROJECT**

Mr. Seckel noted that South Coast Water District has made considerable progress and the South Coast Water District Board of Directors is anticipated to take action in September.

The staff report included a draft letter of support addressed to South Coast Water District.

### **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

Kelly Hubbard noted that the County of Orange is planning a recovery exercise that starts 3 weeks after the initial incident, such as an earthquake.

The staff 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 9:30 a.m.

**REVISED**  
**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 11, 2018 – 8:30 a.m. to 8:45 a.m.

MWDOC Conference Room 101

**Committee Members:**

Director Jeff Thomas, Chair  
Director Joan Finnegan  
Director Larry Dick (absent)

**Staff:**

Robert Hunter, Karl Seckel, Cathy Harris,  
Katie Davanaugh, Maribeth Goldsby,  
Damon Micalizzi, Hilary Chumpitazi,  
Charles Busslinger, Pari Francisco,  
Melissa Baum Haley

Ex Officio Member: Director Barbre

**Also Present:**

Director Brett Barbre  
Director Sat Tamaribuchi  
Linda Ackerman, MWDOC MET Director  
Larry McKenney, MWDOC MET Director  
Marwan Khalifa, Mesa Water  
Mark Monin, El Toro Water District

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Director Thomas called the meeting to order at 8:30 a.m. Director Barbre sat on the Committee in the absence of Director Dick.

**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 presented.

**BOARD ACTION ITEM**

President Barbre convened the full Board for the following item:

**SELECTION OF A FIRM TO PROVIDE LEGAL AND REGULATORY SERVICES**

Mr. Hunter noted that two responses were received in response to the RFP for legal and regulatory services. It was noted that because both responses were considered incomplete responses-, the Board agreed to allow both respondents to correct their proposals and resubmit. As a result of the resubmittals, staff recommended the Board award the contract



~~to Ackerman Consulting were received from the first submittal and therefore staff released a 2<sup>nd</sup> RFP.~~

Upon MOTION by Director Thomas, seconded by Director Finnegan and carried (4-0), the ~~Board Committee recommended~~ approval ~~of~~ the agreement for Ackerman Consulting to provide legal and regulatory services for FY 2018-19. Directors Thomas, Finnegan, Barbre, and Tamaribuchi voted in favor; Directors Dick, Osborne, and Yoo Schneider were absent.

The Board adjourned and the Administration & Finance Committee meeting resumed with A&F chair members Directors Thomas, Barbre and Finnegan.

## **PROPOSED BOARD CONSENT CALENDAR ITEMS**

### **TREASURER'S REPORT**

- a. Revenue/Cash Receipt Report – June 2018
- b. Disbursement Approval Report for the month of July 2018
- c. Disbursement Ratification Report for the month of June 2018
- d. GM Approved Disbursement Report for the month of June 2018
- e. Water Use Efficiency Projects Cash Flow – June 30, 2018
- f. Consolidated Summary of Cash and Investment – May 2018
- g. OPEB Trust Fund monthly statement

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Treasurer's Report for approval at the July 18, 2018 Board meeting. Directors Finnegan, Thomas and Barbre voted in favor.

### **FINANCIAL REPORT - Combined Financial Statements and Budget Comparative for the Period ending May 31, 2018**

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Financial Report for approval at the July 18, 2018 Board meeting. Directors Finnegan, Thomas and Barbre voted in favor.

## **DISCUSSION ITEM**

### **INVESTMENT CUSTODIAL SERVICES**

It was noted that all banking services will now be held with U.S. Bank. The staff report was received and filed.

## **ACTION ITEMS**

### **REVISION TO DISTRICT RECORDS RETENTION SCHEDULE**

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended approval of the revisions to the District Records Retention Schedule at the July 18, 2018 Board meeting. Directors Finnegan, Thomas and Barbre voted in favor.

**MWDOC SEISMIC REHABILITATION PROJECT BID**

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Seismic Rehabilitation Project bid for approval at the July 18, 2018 Board meeting. Directors Finnegan, Thomas and Barbre voted in favor. It was noted that staff has rebid this project with additional upcoming work to obtain an improved bidding climate.

**INFORMATION ITEMS****GENERAL MANAGER AUTHORIZED AGREEMENTS****DEPARTMENT ACTIVITIES REPORTS**

- a. Administration
- b. Finance and Information Technology

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

The informational reports were received and filed.

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

Cathy Harris, Administrative Services Manager, introduced Tina Dubuque as the District's new Executive Assistant.

**ADJOURNMENT**

There being no further business to be brought before the Committee, the meeting adjourned at 8:45 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**

August 8, 2018 – 8:30 a.m. to 9:25 a.m.

MWDOC Conference Room 101

**Committee Members:**

Director Jeff Thomas, Chair  
Director Joan Finnegan  
Director Larry Dick (absent)

**Staff:**

Robert Hunter, Karl Seckel, Joe Berg,  
Katie Davanaugh, Tina Dubuque,  
Harvey DeLaTorre, Damon Micalizzi,  
Sarah Wilson, Melissa Baum Haley

Ex Officio Member: Director Barbre

**Also Present:**

Director Brett Barbre  
Director Sat Tamaribuchi  
Larry McKenney, MWDOC MET Director  
Marwan Khalifa, Mesa Water District  
Jose Vergara, El Toro Water District  
Jim Atkinson, Mesa Water  
Joey Soto, Soto Resources

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Director Thomas called the meeting to order at 8:30 a.m. Director Barbre sat on the Committee in the absence of Director Dick.

**PUBLIC COMMENTS**

Mesa Water Director Jim Atkinson suggested that MWDOC considering membership in the Urban Water Institute and highlighted the importance of the North/South discussions relative to the Urban Water Institute.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

No items were presented.

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

Mr. Hunter noted that the PARS statement (item 1g), as well as the Grant Assistance Program Update PowerPoint presentation to the Board and made available to the public.

**PROPOSED BOARD CONSENT CALENDAR ITEMS**

**TREASURER'S REPORT**

- a. Revenue/Cash Receipt Report – July 2018
- b. Disbursement Approval Report for the month of August 2018
- c. Disbursement Ratification Report for the month of July 2018
- d. GM Approved Disbursement Report for the month of July 2018
- e. Water Use Efficiency Projects Cash Flow – July 31, 2018
- f. Consolidated Summary of Cash and Investment – June 2018

g. OPEB Trust Fund monthly statement

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Treasurer's Report for approval at the August 15, 2018 Board meeting. Directors Finnegan, Thomas and Barbre voted in favor.

### **FINANCIAL REPORT**

- a. Draft Combined Financial Statements and Budget Comparative for the Period ending June 30, 2018
- b. Quarterly Budget Review (deferred to FY 2017-18 Audited Annual Financials)

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Financial Report for approval at the August 15, 2018 Board meeting. Directors Finnegan, Thomas and Barbre voted in favor.

### **DISCUSSION ITEM**

#### **OTHER POST EMPLOYEE BENEFITS (OPEB) ACTUARIAL REVIEW**

No discussion was held on the OPEB review. Director Barbre requested that Keith Stribling from Highmark attend the September Administration & Finance meeting for an annual review of the District's investment account.

#### **PRESENTATION RE GRANTS TRACKING AND ACQUISITION PROGRAM**

MWDOC consultant, Joey Soto (Soto Resources) provided an overview of the District's new Grant Tracking program. The goal of the program is to provide member agencies with grant support, including 1) review of project funding needs from member agencies, 2) preparation of a report summarizing potential funding opportunities, 3) distribution of a monthly reporting of grant & loan opportunities and guidance on whether or not to apply for funding, and 4) Grant Application Writing assistant as an optional service. Several meetings were held with member agencies to review and discuss the project list and deadlines that may be approaching. The first 2 months of the program identified 68 Federal, 76 State, 22 Local and 9 Foundation grant opportunities.

MWDOC staff Heather Baez and Melissa Baum Haley will continue to work with Ms. Soto to identify and secure grant funds for MWDOC and the member agencies for projects that will enhance resources and reliability for Orange County as a region.

### **ACTION ITEMS**

#### **AUTHORIZE EXTENSION TO CONTRACT WITH HASHTAG PINPOINT**

Mr. Hunter reported that the request is to extend the agreement with Hashtag Pinpoint to provide social media consulting, for an approximate 6-month period.

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Extension to the Contract with Hashtag Pinpoint for approval at the August 15, 2018 Board meeting. Directors Finnegan, Thomas and Barbre voted in favor. It was noted that the contract extension is for an approximate 6-month period.

**AUTHORIZE ATTENDANCE AT THE WEFTEC CONFERENCE, SEPTEMBER 29 – OCTOBER 3, 2018, NEW ORLEANS, LA**

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (2-1), the Committee recommended the attendance at the WEFTEC Conference for approval at the August 15, 2018 Board meeting. The recommendation of the Committee is for attendance approval by Director Yoo Schneider only, not staff. This item will be presented to the Board on August 15, 2018. Directors Finnegan and Barbre voted in favor; Director Thomas opposed (preferring the staff recommendation of both Board and staff).

**AMENDMENT TO ADMINISTRATIVE CODE SECTION 8000**

Upon MOTION by Director Barbre, seconded by Director Finnegan and carried (3-0), the Committee recommended the Board approve the amendment to Administrative Code Section 8000 as outlined. This item will be presented to the Board on August 15, 2018. Directors Finnegan, Thomas and Barbre voted in favor.

**INFORMATION ITEMS**

**SEMI-ANNUAL OVERTIME REPORT**

**DIRECTORS ACTIVITIES REPORT**

**SOLE SOURCE CONTRACT WITH MEANS CONSULTING**

**DEPARTMENT ACTIVITIES REPORTS**

- a. Administration
- b. Finance and Information Technology

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

The informational reports were received and filed.

**OTHER ITEMS**

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

No information was presented.

**ADJOURNMENT**

There being no further business to be brought before the Committee, the meeting adjourned at 9:25 a.m.

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

Jointly with the

**PUBLIC AFFAIRS AND LEGISLATION COMMITTEE**

August 13, 2018 - 8:30 a.m. to 9:45 a.m.

MWDOC Conference Room 101

**Committee:**

Director Dick, Chairman - Absent

Director Thomas

Director Tamaribuchi - Absent

**Staff:**

Rob Hunter, K. Seckel, Harvey De La Torre,

Maribeth Goldsby, Heather Baez,

Bryce Roberto, Tiffany Baca, Damon

Micalizzi, Sarah Wilson, Tina Dubuque

**Also Present:**

Director Brett Barbre

Director Joan Finnegan

Larry McKenney, MWDOC MET Director

Linda Ackerman, MWDOC MET Director

Syrus Devers, BBK

John Lewis, Lewis Consulting

Kevin Perkins, Hashtag Pinpoint

Jim Barker (via teleconference)

Nick Crocket (via teleconference with

Jim Barker)

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Due to the absence of Directors Dick and Tamaribuchi, Director Thomas acted as Chair and called the meeting to order at 8:30 a.m.; Director Barbre and Director Finnegan sat on the committee.

**PUBLIC PARTICIPATION**

No public comments were received.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

No items were presented.

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

Although no items were distributed regarding agenda items, President Barbre distributed two letters, U.S House of Representatives, Committee on Natural Resources Letter dated June 5, 2018 and United States Department of the Interior, Bureau of Reclamation Letter dated July 27, 2018 for the Board's (and audience's) information.

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

Mr. James Barker reviewed his report that was included in the packet. He highlighted the “Valadao” language and issues surrounding the recent wildfires.

**State Legislative Report (BBK)**

Mr. Syrus Devers highlighted efforts by the Administration to include a “voluntary contribution” relative to safe drinking water, which would create an administrative burden to agencies (reconfiguring billing systems).

**County Legislative Report (Lewis)**

Mr. John Lewis provided an overview of his written report that was included in the packet, highlighting the upcoming November election race. Mr. Lewis stated that he anticipates that the OC-LAFCO work plan will pass, which may cause sizeable discontent from some of the water districts.

**Legal and Regulatory Report (Ackerman)**

Mr. Dick Ackerman reviewed his written report that was included in the packet, noting that regarding Hetch Hetchy, the appeals court ruled against environmental groups, thus allowing the reservoir to remain and be a source of water for most of the Bay Area.

**MWDOC Legislative Matrix**

The Committee received and filed the report.

**OVERVIEW OF DRAFT COMMUNICATIONS PROGRAM AND PLAN**

Director of Public Affairs Damon Micalizzi, presented an overview of MWDOC’s draft Communications Program and Plan (Plan). His presentation highlighted how the Plan follows MWDOC’s mission statement, and he included information on the Plan’s overarching goals, target audiences, messaging and tactics, communication tools (School Program, ACC-OC, OC CoastKeeper, etc.), communications channels (electronic media, speaker presentations, etc.), and methods of implementation and evaluation analysis. Mr. Micalizzi also commented on the importance of MWDOC’s branding efforts.

Considerable discussion ensued, with specific emphasis on the Plan’s goals and objectives and how these goals and objectives fit with the District’s Strategic Plan. Following this discussion, the Committee asked that staff schedule a Saturday workshop to discuss the District’s goals and objectives.

Discussion also ensued regarding branding, and General Manager Hunter commented that branding is not built by visuals (e.g., logo), but built by performance and that the quality of MWDOC's work defines the brand.

The Committee thanked staff for the report, stating that this item did not need to return to Committee.

### **ACTION ITEMS:**

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

Director Finnegan made a MOTION, which was seconded by Director Barbre, and carried (3-0) for the Board to approve this item on August 15, 2018. Director Thomas, Barbre and Finnegan voted in favor.

#### **TRAVEL TO SACRAMENTO TO COVER STATE ADVOCACY ISSUES**

Director Barbre made a MOTION, which was seconded by Director Finnegan, and carried (3-0) for the Board to approve this item on August 15, 2018. Director Thomas, Barbre and Finnegan voted in favor.

#### **ISDOC CALL FOR NOMINATIONS**

Director Barbre made a MOTION, which was seconded by Director Thomas, and carried (3-0) for the Board to nominate Joan Finnegan as Treasurer of the Independent Special Districts of Orange County (ISDOC). This item will be presented to the Board on August 15, 2018. Director Thomas, Barbre and Finnegan voted in favor.

#### **H.R. 6147 – DEPARTMENT OF INTERIOR APPROPRIATIONS**

Director Barbre noted that the Committee reviewed this item in July and recommended that the Board support the language in Section 441 of H.R. 6147 (Calvert – CA). He noted that due to a lack of quorum voting in favor, this item was referred back to the committee; Director Barbre made a MOTION which was seconded by Director Finnegan and carried (3-0) to recommend the Board support the language as presented. This item will be presented to the Board on August 15, 2018. Director Thomas, Barbre and Finnegan voted in favor.

### **INFORMATION ITEMS**

#### **EDUCATION AND SCOUTS PROGRAM UPDATE**

The Committee received and filed the report.

#### **INSPECTION TRIP SCHEDULE 2018-19**

The Committee received and filed the report.



## **PUBLIC AFFAIRS ACTIVITIES REPORT**

The Committee received and filed the report.

## **OTHER ITEMS**

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

No information was presented.

## **ADJOURNMENT**

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

MINUTES OF THE MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
jointly with the  
**EXECUTIVE COMMITTEE**  
August 16, 2018, 8:30 a.m. to 10:00 a.m.  
Conference Room 102

**Committee:**

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

**Staff:**

R. Hunter, M. Goldsby,

**Also Present:**

Director Dick  
Director Tamaribuchi  
Director Yoo Schneider  
Director Thomas

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At 8:30 a.m., President Barbre called the meeting to order. With the absence of Directors Finnegan and Osborne, Directors Tamaribuchi and Dick sat on the Committee.

**PUBLIC PARTICIPATION**

No public comments were received.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

No items were presented.

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

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

**EXECUTIVE COMMITTEE PROPOSALS FOR FUTURE AGENDAS**

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

- a. Planning & Operations Committee Meeting

No new items were added to the agenda.

- b. Workshop Board Meeting

Following considerable discussion regarding the potential Santa Ana River Conservation Conjunctive Use Program (SARCCUP), the Committee requested an update/presentation

regarding SARCCUP be added to the agenda. It was noted that staff would ask MET staff to provide the presentation.

c. Administration & Finance Committee meeting

The Committee requested an update on how the transition to the new bank (U.S. Bank) is proceeding; an update was added to the A&F agenda. Director Barbre distributed copies of a draft "Prudent Companion Policy" and requested a discussion regarding the Prudent Companion Policy be added to the A&F agenda.

d. Public Affairs & Legislation Committee

The Committee removed pieces of legislation from the agenda, namely, H.R. 4170, as well as further discussion on the Valadao language proposed for H.R. 6147.

Discussion ensued regarding the November election, the high cost to the District for those Divisions with multiple candidates on the ballot, and whether it would prudent for the election law to require signatures (similar to city council candidates) to qualify for the ballot. This matter was added to the September PAL agenda for discussion; it was noted that staff would confer with legal counsel.

Discussion also ensued regarding the OC Water Summit, whether it was still considered a valuable event, and the overall working relationship with OCWD staff.

e. Executive Committee

No new items were added to the agenda.

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

The Committee discussed the status of the Water Policy dinner event, with staff advising that discussions are underway with Congressman Calvert's office regarding a possible date for him to speak. The Committee asked that the new MET Chair (to be elected in October) be invited to attend.

General Manager Hunter then highlighted MET's Future Supply Action Program, noting that proposals are due (to MET) at the end of August and that each proposal must be submitted with a sponsor letter. Following discussion the Committee authorized the General Manager to submit sponsor letters for projects submitted by MWDOC's member agencies. The Committee asked that staff notify the Board of which agencies are submitting projects through the Program.

## **DISCUSSION REGARDING DISTRICT HEALTH INSURANCE**

Mr. Hunter reported that there has been an on-going issue with the use of Express Scripts and that ACWA/JPIA is looking at options for remedying the issues.

## **MEMBER AGENCY RELATIONS**

Mr. Hunter reported that staff has attended various member agency meetings (e.g., Mesa, and SMWD) to provide information regarding the Strand Ranch Project.

Mr. Hunter also reported that staff attended a meeting (at MET) on a MET water issue, namely Free Chlorine Disinfection for Nitrification Control and the process for such a change from chloramines. He advised that staff would be reviewing the issue with MWDOC's member agencies.

## **GENERAL MANAGER'S REPORTS**

Following discussion, the Committee authorized staff to spend approximately \$150 on flowers, etc. for member agency related memorial services.

## **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 9:49 a.m.

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

**WATER REVENUES**

<b>Date</b>	<b>From</b>	<b>Description</b>	<b>Amount</b>
08/03/18	City of Brea	June 2018 Water deliveries	264,680.11
08/03/18	City of Seal Beach	June 2018 Water deliveries	7,695.77
08/06/18	City of La Palma	June 2018 Water deliveries	4,038.60
08/08/18	Laguna Beach County Water District	June 2018 Water deliveries	206,008.89
08/09/18	Santa Margarita Water District	June 2018 Water deliveries	2,120,935.81
08/09/18	Mesa Water	June 2018 Water deliveries	809,344.76
08/10/18	El Toro Water District	June 2018 Water deliveries	612,491.26
08/10/18	City of Buena Park	June 2018 Water deliveries	240,377.85
08/13/18	South Coast Water District	June 2018 Water deliveries	423,631.57
08/14/18	City of Orange	June 2018 Water deliveries	367,454.58
08/14/18	City of San Juan Capistrano	June 2018 Water deliveries	483,807.68
08/15/18	Orange County Water District	June 2018 Water deliveries	5,744,048.63
08/15/18	East Orange County Water District	June 2018 Water deliveries	274,898.33
08/15/18	Yorba Linda Water District	June 2018 Water deliveries	576,112.04
08/15/18	Moulton Niguel Water District	June 2018 Water deliveries	2,299,791.18
08/15/18	Golden State Water Company	June 2018 Water deliveries	527,496.19
08/15/18	Irvine Ranch Water District	June 2018 Water deliveries	2,350,859.03
08/24/18	City of Huntington Beach	July 2018 Water deliveries	1,321,427.56
08/27/18	City of Newport Beach	July 2018 Water deliveries	553,169.28
08/30/18	City of Fountain Valley	July 2018 Water deliveries	12,392.14
08/30/18	Trabuco Canyon Water District	July 2018 Water deliveries	238,574.26
08/30/18	Serrano Water District	July 2018 Water deliveries	81,205.07
08/31/18	City of Brea	July 2018 Water deliveries	243,116.06

**TOTAL REVENUES \$ 19,763,556.65**

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

**MISCELLANEOUS REVENUES**

Date	From	Description	Amount
08/23/18	Orange County Water District	1/2 WACO Dinner on 7/5/18	267.98
08/13/18	Stan Sprague	September 2018 Retiree health insurance	243.00
08/30/18	Keith Lyon	September 2018 Retiree health insurance	278.59
08/03/18	City of Seal Beach	Late payment penalty for May 2018 Water deliveries	76.96
08/13/18	AT&T	Refund for credit of final bill	559.19
08/27/18	US Bank	CAL card rebate check	590.87
08/13/18	City of Santa Ana	Jan-Jun 2018 School billing	35,967.75
08/23/18	City of Anaheim	Jan-Jun 2018 School billing	3,663.27
08/24/18	City of Fullerton	Jan-Jun 2018 School billing	3,086.98
08/31/18	City of Brea	Addition to the Choice School program FY 17-18	161.20
08/07/18	Irvine Ranch Water District	June 2018 Smartimer rebate program	833.85
08/10/18	Trabuco Canyon Water District	June 2018 Smartimer rebate program	65.78
08/23/18	Mesa Water	June 2018 Smartimer rebate program	197.98
08/01/18	City of Buena Park	May 2018 Turf Removal rebate program	111.00
08/10/18	Trabuco Canyon Water District	May 2018 Turf Removal rebate program	39.98
08/01/18	City of Buena Park	June 2018 Turf Removal rebate program	111.00
08/06/18	City of Newport Beach	June 2018 Turf Removal rebate program	3,343.80
08/10/18	El Toro Water District	June 2018 Turf Removal rebate program	349.00
08/13/18	Irvine Ranch Water District	June 2018 Turf Removal rebate program	7,247.00
08/17/18	City of Brea	June 2018 Turf Removal rebate program	111.00
08/30/18	Yorba Linda Water District	June 2018 Turf Removal rebate program	284.07
08/03/18	City of Westminster	June 2018 Turf Removal and Spray to Drip rebate program	539.00
08/06/18	City of San Clemente	June 2018 Smartimer and Turf Removal rebate program	7,567.99
08/06/18	Moulton Niguel Water District	June 2018 Smartimer, Rotating Nozzle & Turf Removal rebate program	7,726.23
08/09/18	Laguna Beach County Water District	May 2018 So Cal Watersmart rebate program	15.00
08/06/18	City of San Clemente	May-June 2018 So Cal Watersmart rebate program	1,875.00
08/07/18	Irvine Ranch Water District	May-June 2018 So Cal Watersmart rebate program	39,797.88
08/10/18	El Toro Water District	May-June 2018 So Cal Watersmart rebate program	425.00
08/10/18	Trabuco Canyon Water District	May-June 2018 So Cal Watersmart rebate program	500.00
08/31/18	City of Anaheim	Water Loss Control technical assistance - WSO, Inc	5,985.00
08/02/18	City of Garden Grove	FY 18-19 Annual Retail Service Connection charge	411,992.00
08/02/18	Laguna Beach County Water District	FY 18-19 Annual Retail Service Connection charge	107,016.00
08/03/18	City of Westminster	FY 18-19 Annual Retail Service Connection charge	249,348.75
08/06/18	City of La Palma	FY 18-19 Annual Retail Service Connection charge	53,495.75
08/06/18	City of San Juan Capistrano	FY 18-19 Annual Retail Service Connection charge	140,862.75
08/10/18	City of Buena Park	FY 18-19 Annual Retail Service Connection charge	233,828.00
08/02/18	Orange County Water District	FY 18-19 Ground Water Customer charge	499,012.00
08/03/18	Laguna Beach County Water District	Hazard Mitigation Plan FY 17-18	5,630.84
08/10/18	El Toro Water District	Hazard Mitigation Plan FY 17-18	5,630.84
08/27/18	Moulton Niguel Water District	Hazard Mitigation Plan FY 17-18	5,630.84
08/30/18	City of Fountain Valley	FY 18-19 Choice Programs Billing Invoice	16,869.23
08/31/18	City of Garden Grove	FY 18-19 Choice Programs Billing Invoice	18,725.60
08/10/18	City of Anaheim	WEROC Funding for FY 18-19	14,545.00
08/10/18	Orange County Water District	WEROC Funding for FY 18-19	95,690.00
08/13/18	City of Santa Ana	WEROC Funding for FY 18-19	14,545.00
08/14/18	SOCWA	WEROC Funding for FY 18-19	14,545.00
08/24/18	City of Fullerton	WEROC Funding for FY 18-19	14,545.00

TOTAL MISCELLANEOUS REVENUES \$ 2,023,933.95

TOTAL REVENUES \$ 21,787,490.60



Robert J. Hunter, General Manager



Hilary Chumpitazi, Treasurer

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
<b>Core Expenditures:</b>		
	<b>Richard C. Ackerman</b>	
1194	August 2018 Consulting on legal and regulatory matters	600.00
	*** Total ***	600.00
	<b>Adobe Systems Incorporated</b>	
933404410	9/9/18-9/8/19 Annual Adobe Creative Cloud and Acrobat Pro license renewal	9,507.36
	*** Total ***	9,507.36
	<b>Aleshire &amp; Wynder LLP</b>	
47560	July 2018 Legal services	4,083.00
	*** Total ***	4,083.00
	<b>ALTA FoodCraft</b>	
51815935	8/8/18 Coffee & tea supplies	285.46
	*** Total ***	285.46
	<b>Awards &amp; Trophies Company</b>	
18853	Name plate for R. Davis	15.24
	*** Total ***	15.24
	<b>Best Best and Krieger LLP</b>	
55401-JUL18	July 2018 Legal services	13,031.44
828772	July 2018 State legislative advocacy services	7,500.00
	*** Total ***	20,531.44
	<b>CDM Smith</b>	
90054145	7/22/18-8/18/18 Engineering services for O.C. Water Reliability Investigation	13,460.00
	*** Total ***	13,460.00
	<b>Demsey, Filliger &amp; Associates, LLC</b>	
072818	July 2018 Actuarial for OPEB liability	3,000.00
081618	August 2018 Provided GASB 75 disclosure information	750.00
	*** Total ***	3,750.00
	<b>Dudek</b>	
20184333	5/26/18-6/29/18 Planning level reliability for South County interconnection	13,747.50
20185172	6/30/18-7/27/18 Planning level reliability for South County interconnection	15,187.91
	*** Total ***	28,935.41
	<b>ECS Imaging, Inc.</b>	
13420	10/1/18-9/30/19 Annual support for Laserfiche software	3,783.00
	*** Total ***	3,783.00

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b><i>Finley &amp; Cook PLLC</i></b>	
SI0028798	10/1/18-9/30/19 Annual Navision software support	6,675.14
SI0029254	7/28/18-8/3/18 Navision software modifications for positive pay export	277.50
SI0029333	8/11/18-8/17/18 Navision software modifications for positive pay export	277.50
	*** Total ***	7,230.14
	<b><i>Fry's Electronics</i></b>	
22525573	8/14/18 Computer supplies	123.88
	*** Total ***	123.88
	<b><i>Hashtag Pinpoint Corporation</i></b>	
1162	July 2018 Social Media consultation and services	7,917.00
1164	August 2018 Social Media consultation and services	7,917.00
	*** Total ***	15,834.00
	<b><i>IDS Group Inc.</i></b>	
17X114.01-1	2/27/18-6/30/18 Additional architectural design services for MWDOC office space planning	5,850.00
	*** Total ***	5,850.00
	<b><i>Edward Jackson</i></b>	
2018-00004	7/30/18 CPR/First Aid/AED training	1,200.00
	*** Total ***	1,200.00
	<b><i>James C. Barker, P.C.</i></b>	
105-0818	August 2018 Federal legislative advocacy services	8,000.00
	*** Total ***	8,000.00
	<b><i>Lawnscape Systems, Inc.</i></b>	
396785	8/21/18 Landscape maintenance for atrium	295.00
	*** Total ***	295.00
	<b><i>Lewis Consulting Group, LLC</i></b>	
2018-160	August 2018 Consulting services	3,312.50
	*** Total ***	3,312.50
	<b><i>Edward G. Means III</i></b>	
MWDOC-1061	July 2018 Consulting on MET issues and guidance to engineering staff	1,375.00
MWDOC-1062	August 2018 Consulting on MET issues and guidance to engineering staff	5,211.48
	*** Total ***	6,586.48
	<b><i>Metropolitan Water District of Southern California</i></b>	
073118	Deposit for work preformed by MET for Service Connection CM-12	52,000.00
	*** Total ***	52,000.00



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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b>NDS</b>	
715261	8/3/18 & 8/10/18 Delivery charges for Board packets	338.72
715441	8/31/18 Delivery charges for Board packets	169.36
	*** Total ***	508.08
	<b>Office Solutions</b>	
I-01419623	8/9/18 Office supplies	127.52
I-01424216	8/17/18 Office supplies	156.34
I-01425077	8/20/18 Office supplies	35.39
I-01426337	8/21/18 Office supplies	85.05
I-01429996	8/27/18 Office supplies	308.86
I-01435620	9/5/18 Office supplies	414.24
	*** Total ***	1,127.40
	<b>Orange County Water District</b>	
19342	July 2018 50% share of WACO expense	246.25
19410	May-June 2018 shared office electrical costs	4,048.00
19410A	July 2018 Postage, shared office & maintenance expense	7,060.04
	*** Total ***	11,354.29
	<b>Patricia Kennedy Inc.</b>	
21859	September 2018 Plant maintenance	214.00
	*** Total ***	214.00
	<b>Petty Cash</b>	
JUL-AUG2018	Petty Cash reimbursement	306.28
	*** Total ***	306.28
	<b>Ralph Andersen &amp; Associates</b>	
INV-01249	March 2018 Classification and Compensation study	13,500.00
INV-01356	June 2018 Classification and Compensation study	1,300.00
	*** Total ***	14,800.00
	<b>Joey C. Soto</b>	
MWDOC#003	July 2018 Grant research and acquisition assistance	2,999.25
	*** Total ***	2,999.25
	<b>USAFact, Inc.</b>	
8083138	Pre-employment background checks	139.09
	*** Total ***	139.09
	<b>Vasquez and Company LLP</b>	
2180646-IN	July 2018 Services for FY 17/18 Financial audit	7,000.00
	*** Total ***	7,000.00

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b><i>Water Systems Optimization, Inc.</i></b>	
1356	July 2018 Services to develop a Water Loss Control Business Plan	1,360.00
1361	July 2018 Water Loss Control program	5,356.02
1356	August 2018 Services to develop a Water Loss Control Business Plan	4,440.00
1383	July-August 2018 Water Loss Audit Validation research	20,000.00
1391	August 2018 Water Loss Control program	5,400.00
	*** Total ***	36,556.02
	<b><i>Total Core Expenditures</i></b>	<b>260,387.32</b>

***Choice Expenditures:***

	<b><i>Discovery Science Center</i></b>	
DSOC/IV/000769	Retainer for FY 18/19 Elementary School Program	75,000.00
	*** Total ***	75,000.00
	<b><i>Enterprise Information System Inc</i></b>	
MWDOC-22008	July-September 2018 Technical support for California Sprinkler Adjustment Subscription System program	3,000.00
	*** Total ***	3,000.00
	<b><i>Orange County Water District</i></b>	
19410B	July 2018 Postage for Water Use Efficiency Rebate programs	24.76
	*** Total ***	24.76
	<b><i>Office Solutions</i></b>	
I-01420988	20 Binders for Qualified Water Efficient Landscaper training manuals	282.75
I-01422972	2 Packs of dividers for Qualified Water Efficient Landscaper training manuals	4.44
I-01423991	48 Packs of dividers for Qualified Water Efficient Landscaper training manuals	106.49
I-01427074	2 Clipboards for Qualified Water Efficient Landscaper trainings	23.06
	*** Total ***	416.74
	<b><i>Top Hat Productions</i></b>	
94271	8/2/18 Lunch for Water Use Efficiency Workgroup meeting	437.03
	*** Total ***	437.03
	<b><i>Total Choice Expenditures</i></b>	<b>78,878.53</b>

***Other Funds Expenditures:***

	<b><i>ACME RF Incorporated</i></b>	
1409	Removal of WEROC antenna from Pleasant Peak	1,600.00
1410	Removal of WEROC antenna from Catalina Island	3,000.00
	*** Total ***	4,600.00

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b><i>American Language Services</i></b>	
0052976	Translation services for emergency communication templates into 8 languages	3,404.94
	*** Total ***	3,404.94
	<b><i>Michael Baker International</i></b>	
1022176	7/2/18-7/29/18 OC Regional Water/Wastewater Multijurisdictional Hazard Mitigation Plan update	15,402.35
	*** Total ***	15,402.35
	<b><i>Mission RCD</i></b>	
2528	July 2018 Field verifications for Water Use Efficiency rebate programs	18,627.78
	*** Total ***	18,627.78
	<b><i>Motorola Solutions Inc.</i></b>	
50109910	Emergency radios with installation for 25 agencies	158,025.08
	*** Total ***	158,025.08
	<b><i>Office Solutions</i></b>	
I-01416636	8/6/18 Office supplies for WEROC	97.30
	*** Total ***	97.30
	<b><i>County of Orange</i></b>	
SC11147	Programming 3 WEROC radios for City of Fullerton	150.00
	*** Total ***	150.00
	<b><i>Orange County Fire Protection</i></b>	
305796	Fire extinguisher annual maintenance for WEROC S. EOC	61.00
305864	Fire extinguisher annual maintenance for WEROC N. EOC	43.50
	*** Total ***	104.50
	<b><i>Orange County Water Association, Inc.</i></b>	
01062	9/20/18 Operator Training registration for K. Hubbard	45.00
01063	9/20/18 Operator Training registration for F. Soto	45.00
01064	9/20/18 Operator Training registration for J. Schunk	45.00
	*** Total ***	135.00
	<b><i>Petty Cash</i></b>	
JUL-AUG2018	Petty Cash reimbursement	44.67
	*** Total ***	44.67
	<b><i>Raftelis Financial Consultants, Inc.</i></b>	
10530	July 2018 Five year monitoring for Budget Based Tiered Rate grant	1,800.00
	*** Total ***	1,800.00

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

<i>Invoice#</i>	<i>Vendor / Description</i>	<i>Amount to Pay</i>
	<b><i>Water Systems Optimization, Inc.</i></b>	
1361	July 2018 Water Loss Control program	17,531.99
1391	August 2018 Water Loss Control program	44,620.00
	*** Total ***	62,151.99
	<b><i>Total Other Funds Expenditures</i></b>	<hr/> 264,543.61
	<b><i>Total Expenditures</i></b>	<hr/> <hr/> 603,809.46

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

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>Core Disbursements:</b>				
<b>138181</b>	<b>8/3/18</b>	<b>IRONMO ACYJ295</b>	<b>Iron Mountain</b> July 2018 Archived document storage fees ***Total ***	 207.60 207.60
<b>138182</b>	<b>8/3/18</b>	<b>SPECTB 0375210072018</b>	<b>Spectrum Business</b> August 2018 Telephone and internet expense ***Total ***	 1,100.28 1,100.28
<b>138183</b>	<b>8/3/18</b>	<b>VERIZO 9811525621</b>	<b>Verizon Wireless</b> July 2018 4G Mobile broadband unlimited service ***Total ***	 114.03 114.03
<b>138192</b>	<b>8/15/18</b>	<b>IRONMO AEAU203</b>	<b>Iron Mountain</b> August 2018 Archived document storage fees ***Total ***	 209.70 209.70
<b>138198</b>	<b>8/15/18</b>	<b>SPECTB 0343564080118</b>	<b>Spectrum Business</b> August 2018 Telephone expense for 3 analog fax lines ***Total ***	 108.48 108.48
<b>138199</b>	<b>8/15/18</b>	<b>STALVE 073018</b>	<b>Jeff Stalvey</b> July 2018 Business expense ***Total ***	 60.18 60.18
<b>138204</b>	<b>8/15/18</b>	<b>WAGEWO INV838300</b>	<b>WageWorks, Inc.</b> July 2018 Cafeteria plan administration ***Total ***	 185.25 185.25
<b>ACH003427</b>	<b>8/15/18</b>	<b>ACKEEX 073118</b>	<b>Linda Ackerman</b> July 2018 Business expense ***Total ***	 91.56 91.56
<b>ACH003429</b>	<b>8/15/18</b>	<b>BACATI 063018</b>	<b>Tiffany Baca</b> June 2018 Business expense	 76.96
<b>ACH003430</b>	<b>8/15/18</b>	<b>072118</b>	July 2018 Business expense ***Total ***	 41.37 118.33
<b>ACH003431</b>	<b>8/15/18</b>	<b>BAEZHE 063018</b>	<b>Heather Baez</b> May-June 2018 Business expense ***Total ***	 175.10 175.10
<b>ACH003432</b>	<b>8/15/18</b>	<b>BARBRE 073118</b>	<b>Brett Barbre</b> July 2018 Business expense ***Total ***	 270.32 270.32

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

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
<b>ACH003435</b>	<b>8/15/18</b>	<b>LINGAD</b>	<b>Christopher S. Lingad</b>	
		062118	June 2018 Business expense	10.00
			***Total ***	10.00
<b>ACH003436</b>	<b>8/15/18</b>	<b>DICKEY</b>	<b>Larry Dick</b>	
		073118	July 2018 Business expense	64.32
			***Total ***	64.32
<b>ACH003437</b>	<b>8/15/18</b>	<b>DINHPA</b>	<b>Patrick Dinh</b>	
		073118	July 2018 Business expense	21.80
			***Total ***	21.80
<b>ACH003438</b>	<b>8/15/18</b>	<b>FAHLBE</b>	<b>Beth Fahl</b>	
		073118	July 2018 Business expense	17.50
			***Total ***	17.50
<b>ACH003439</b>	<b>8/15/18</b>	<b>FINNEG</b>	<b>Joan Finnegan</b>	
		073118	July 2018 Business expense	107.96
			***Total ***	107.96
<b>ACH003440</b>	<b>8/15/18</b>	<b>HARRIS</b>	<b>Cathleen M. Harris</b>	
		073118	July 2018 Business expense	80.37
			***Total ***	80.37
		<b>HOSTER</b>	<b>Kevin Hostert</b>	
<b>ACH003441</b>	<b>8/15/18</b>	063018	June 2018 Business expense	45.78
<b>ACH003442</b>	<b>8/15/18</b>	073118	July 2018 Business expense	94.80
			***Total ***	140.58
		<b>MICALI</b>	<b>Damon Micalizzi</b>	
<b>ACH003452</b>	<b>8/15/18</b>	071318	June 2018 Business expense	136.14
<b>ACH003453</b>	<b>8/15/18</b>	071318A	July 2018 Business expense	126.24
			***Total ***	262.38
<b>ACH003466</b>	<b>8/15/18</b>	<b>ROBERT</b>	<b>Bryce Roberto</b>	
		063018	June 2018 Business expense	13.30
			***Total ***	13.30
		<b>WILSON</b>	<b>Sarah C. Wilson</b>	
<b>ACH003467</b>	<b>8/15/18</b>	062818	June 2018 Business expense	28.29
<b>ACH003468</b>	<b>8/15/18</b>	073118	July 2018 Business expense	59.59
			***Total ***	87.88
<b>ACH003471</b>	<b>8/15/18</b>	<b>TAMARI</b>	<b>Satoru Tamaribuchi</b>	
		073118	July 2018 Business expense	78.48
			***Total ***	78.48

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

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>ACH003472</b>	<b>8/15/18</b>	<b>THOMAS 073118</b>	<b>Jeffery Thomas</b> July 2018 Business expense ***Total ***	 167.86 167.86
<b>138271</b>	<b>8/31/18</b>	<b>USBANK 0403/4140/5443-JUL18</b>	<b>U.S. Bank</b> 6/23/18-7/23/18 Cal Card charges ***Total *** (See attached sheet for details)	 17,004.98 17,004.98
<b>ACH003475</b>	<b>8/31/18</b>	<b>BAUMHA 073118</b>	<b>Melissa Baum-Haley</b> July 2018 Business expense ***Total ***	 310.11 310.11
<b>ACH003476</b>	<b>8/31/18</b>	<b>BUIJEA 080118</b>	<b>Jeannie Bui</b> July-August 2018 Business expense ***Total ***	 53.36 53.36
<b>ACH003477</b>	<b>8/31/18</b>	<b>BUSSLI 073118</b>	<b>Charles Busslinger</b> July 2018 Business expense ***Total ***	 42.18 42.18
<b>ACH003479</b>	<b>8/31/18</b>	<b>DELATO 081518</b>	<b>Harvey De La Torre</b> August 2018 Business expense ***Total ***	 49.72 49.72
<b>ACH003484</b>	<b>8/31/18</b>	<b>ROBERT 073118</b>	<b>Bryce Roberto</b> July 2018 Business expense ***Total ***	 36.19 36.19
<b>ACH003485</b>	<b>8/31/18</b>	<b>SCHNEI 073118</b>	<b>Megan Yoo Schneider</b> July 2018 Business expense ***Total ***	 406.35 406.35
<b>ACH003487</b>	<b>8/31/18</b>	<b>WAITER 073118</b>	<b>Rachel Waite</b> July 2018 Business expense ***Total ***	 17.50 17.50
<b>Total Core Disbursements</b>				<b>21,613.65</b>

**Choice Disbursements:**

<b>138263</b>	<b>8/31/18</b>	<b>HEDGES 073118</b>	<b>Steve Hedges</b> July 2018 Business expense ***Total ***	 56.00 56.00
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**Municipal Water District of Orange County  
Disbursement Ratification Report  
For the month of August 2018**

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
<b>138271</b>	<b>8/31/18</b>	<b>USBANK</b>	<b>U.S. Bank</b>	
		4140-JUL18	6/23/18-7/23/18 Cal Card charges	74.10
			***Total ***	74.10
			(See attached sheet for details)	
			<b>Total Choice Disbursements</b>	<b>130.10</b>
<b>Other Funds Disbursements:</b>				
<b>138183</b>	<b>8/3/18</b>	<b>VERIZO</b>	<b>Verizon Wireless</b>	
		9811525621	July 2018 4G Mobile broadband unlimited service	76.02
			***Total ***	76.02
<b>138186</b>	<b>8/15/18</b>	<b>ATTUVEOC</b>	<b>AT&amp;T</b>	
		8599-AUG18	August 2018 U-verse internet service for WEROC N. EOC	60.00
			***Total ***	60.00
<b>138188</b>	<b>8/15/18</b>	<b>ATTCALN</b>	<b>AT&amp;T</b>	
		000011686583	July 2018 WEROC N. & S. EOC telephone expense	189.40
		000011686584	July 2018 WEROC N. EOC telephone expense	104.44
			***Total ***	293.84
<b>ACH003443</b>	<b>8/15/18</b>	<b>HUBBAR</b>	<b>Kelly Hubbard</b>	
		063018	May-June 2018 Business expense	192.17
<b>ACH003444</b>	<b>8/15/18</b>	063018A	July 2018 Business expense	8.80
			***Total ***	200.97
<b>ACH003469</b>	<b>8/15/18</b>	<b>SOTOFR</b>	<b>Francisco Soto</b>	
		063018	June 2018 Business expense	56.38
<b>ACH003470</b>	<b>8/15/18</b>	073118	July 2018 Business expense	110.69
			***Total ***	167.07
<b>138206</b>	<b>8/21/18</b>	<b>TURFRP</b>	<b>Turf Removal Program</b>	
		TR11-R-TC-21176-21088	B. Rigney (Re-issue)	486.00
			***Total ***	486.00
<b>138207</b>	<b>8/22/18</b>	<b>DRIPPR</b>	<b>Spray to Drip Program</b>	
		S2D1-C-FV-23302-13106	Donahue Schriber Realty Group (Fountain Valley)	2,820.60
<b>138208</b>	<b>8/22/18</b>	S2D1-C-FV-23302-13107	Donahue Schriber Realty Group (Fountain Valley)	1,064.80
<b>138209</b>	<b>8/22/18</b>	S2D1-R-TUST-26704-13185	D. Spinoglio	424.68
			***Total ***	4,310.08
<b>138210</b>	<b>8/22/18</b>	<b>TURFRP</b>	<b>Turf Removal Program</b>	
		TR11-R-MNT-7766-7719	M. Serfas	1,468.00
<b>138211</b>	<b>8/22/18</b>	TR11-R-SOCO-17761-17709	J. Barnett	1,488.00
<b>138212</b>	<b>8/22/18</b>	TR11-R-WEST-20927-20845	C. Saldana	421.00





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

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
138213	8/22/18	TR11-R-IRWD-22236-22150	W. Luo	846.00
138214	8/22/18	TR11-R-SM-23335-23243	A. Jennison	2,000.00
138215	8/22/18	TR11-R-SC-24414-24318	E. Temkin	1,972.00
138216	8/22/18	TR11-R-MNT-26487-26405	R. Calandro	4,272.00
138217	8/22/18	TR11-R-IRWD-26515-26435	H. Jian	1,116.00
138218	8/22/18	TR11-R-MNT-26527-26445	R. Ota	472.00
138219	8/22/18	TR11-R-MNT-26540-26455	J. Sherman	1,470.00
138220	8/22/18	TR11-R-BREA-26550-26463	J. Calvo	834.00
138221	8/22/18	TR11-R-O-26561-26474	C. Madsen	483.00
138222	8/22/18	TR11-R-SM-21089-26490	R. Gilbert	1,098.00
138223	8/22/18	TR11-R-SM-26597-26509	J. Meeks	271.00
138224	8/22/18	TR11-R-SOCO-26603-26515	C. Malak	1,054.00
138225	8/22/18	TR11-R-SM-26614-26525	J. Cellini	599.00
138226	8/22/18	TR11-R-LH-26631-26543	D. Hannah	1,504.00
138227	8/22/18	TR11-R-O-26639-26554	M. Ngo	440.00
138228	8/22/18	TR11-R-BREA-26648-26561	B. Best	2,000.00
138229	8/22/18	TR11-R-ETWD-26662-26574	C. Wegner	1,462.00
138230	8/22/18	TR11-R-SC-26663-26575	S. Bartock	754.00
138231	8/22/18	TR11-R-HB-26711-26625	C. Hunneyman	651.00
138232	8/22/18	TR11-R-ETWD-26734-26650	M. Connolly	798.00
138233	8/22/18	TR11-R-MNT-26761-26680	C. Nguyen	516.00
138234	8/22/18	TR11-R-YLWD-26766-26686	E. Tunstall	600.00
138235	8/22/18	TR11-R-SC-26771-26691	J. McDaniel	542.00
138236	8/22/18	TR11-R-SM-26779-26699	A. Nikzad	2,000.00
138237	8/22/18	TR11-R-ETWD-26786-26709	P. Well	1,736.00
138238	8/22/18	TR11-R-HB-26789-26712	H. Chen	638.00
138239	8/22/18	TR11-R-MNT-26820-26737	M. Lawrence	1,610.00
138240	8/22/18	TR11-R-IRWD-26822-26738	L. Cullen	1,286.00
138241	8/22/18	TR11-R-SM-26826-26742	S. Rathge	255.00
138242	8/22/18	TR11-R-FV-26827-26743	R. Mendoza	1,078.00
138243	8/22/18	TR11-C-IRWD-26740-26744	H. Patel (Irvine)	9,708.60
138244	8/22/18	TR11-R-IRWD-26829-26745	K. Herbert	920.00
138245	8/22/18	TR11-R-MNT-26830-26746	M. Darner	748.00
138246	8/22/18	TR11-R-IRWD-26834-26750	M. Kraemer	1,202.00
138247	8/22/18	TR11-R-SM-26840-26757	A. Mun	362.00
138248	8/22/18	TR11-R-IRWD-26845-26761	L. Huang	526.00
138249	8/22/18	TR11-R-SM-26850-26768	W. Wesper	353.00
138250	8/22/18	TR11-R-SM-26852-26770	M. Paschall	368.00
138251	8/22/18	TR11-R-SM-26866-26785	H. Torab	1,199.00
138252	8/22/18	TR11-R-YLWD-26867-26786	K. Thibault Kirk	1,164.00
138253	8/22/18	TR11-R-IRWD-26878-26795	C. Checchio	1,840.00
138254	8/22/18	TR11-R-SM-26879-26801	A. Jacovides	402.00
138255	8/22/18	TR11-R-HB-26890-26815	J. Tubbs	491.00
138256	8/22/18	TR11-R-ETWD-26911-26837	D. Bond	952.00
138257	8/22/18	TR11-R-SM-26932-26858	S. Barbella	403.00
138258	8/22/18	TR11-R-IRWD-26692-	E. Benson	92.00
			***Total ***	58,464.60

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

<b>Check #</b>	<b>Date</b>	<b>Vendor # Invoice/CM #</b>	<b>Name / Description</b>	<b>Net Amount</b>
<b>138259</b>	<b>8/27/18</b>	<b>TURFRP</b>	<b>Turf Removal Program</b>	
		TR11-R-MNT-26552-26466	J. Pellegrini (Re-issue)	1,058.00
			***Total ***	1,058.00
<b>138269</b>	<b>8/31/18</b>	<b>SANTI1</b>	<b>Santiago Aqueduct Commission</b>	
		JUN2018	June 2018 SAC Pipeline operation surcharge	3,845.80
			***Total ***	3,845.80
<b>138271</b>	<b>8/31/18</b>	<b>USBANK</b>	<b>U.S. Bank</b>	
		4140-JUL18	6/23/18-7/23/18 Cal Card charges	1,946.04
			***Total ***	1,946.04
			(See attached sheet for details)	
<b>ACH003486</b>	<b>8/31/18</b>	<b>SANTAM</b>	<b>Santa Margarita Water District</b>	
		JUN2018	June 2018 SCP Pipeline operation surcharge	27,045.16
			***Total ***	27,045.16
<b>WIRE-180831</b>	<b>8/31/18</b>	<b>METWAT</b>	<b>Metropolitan Water District</b>	
		9415	June 2018 Water deliveries	20,148,306.93
			***Total ***	20,148,306.93
<b>Total Other Funds Disbursements</b>				<b>20,246,260.51</b>
<b>Total Disbursements</b>				<b>20,268,004.26</b>

  
Robert J. Hunter, General Manager

  
Hilary Chummitazi, Treasurer

**Cal Card Statement Detail**  
**Statement Date: July 23, 2018**  
**Payment Date: August 31, 2018**

<b>Date</b>	<b>Description</b>	<b>Amount</b>
<b><u>Public Affairs</u></b>		
07/13/18	Breakfast for 7/14/18 Boy Scout clinic	\$ 143.13
07/19/18	Breakfast for 7/20/18 Boy Scout clinic	87.00
07/19/18	Supplies for 7/20/18 Boy Scout clinic	5.38
07/21/18	Lunch for 7/21/18 Boy Scout clinic	675.81
	<b>Total</b>	<b><u>\$ 911.32</u></b>

**K. Seckel Card**

06/22/18	13 Incident command vest for WEROC	\$ 175.37
06/22/18	Brown and Caldwell employment post for Water Use Efficiency Analyst	200.00
06/23/18	Water Districts Jobs employment post for Water Use Efficiency Analyst	175.00
06/24/18	FedEx delivery charges for J. Barker on Jun. 20, 2018	34.02
06/24/18	2 Clocks for conference rooms	108.72
06/24/18	5/24/18-6/23/18 Web hosting service for MWDOC website	15.65
06/25/18	UPS delivery charges for Board packets on Jun. 18, 2018	57.18
06/26/18	Lunch for OC MET Managers' meeting	176.00
06/26/18	Lenovo IdeaCentre 510A desktop computer	886.25
06/25/18	Legislative Activities in Sacramento, CA from Jun. 28-29 2018 - Airfare change for H. Baez	94.00
06/27/18	6 Art boxes for Poster Contest winners returned	(125.94)
06/27/18	OneStop employment post for Water Use Efficiency Intern	110.00
06/27/18	2 Monitors and dual monitor stand	435.27
06/27/18	Lunch for OC MET Directors' meeting	117.99
06/28/18	Levono Yoga 920 Laptop computer	1,261.60
06/28/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Airfare for Director Tamaribuchi	376.96
06/28/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Accommodations for Director Tamaribuchi	519.04
06/28/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Accommodations for R. Hunter	519.04
06/29/18	Legislative Activities in Sacramento, CA from Jun. 28-29 2018 - Accommodations for H. Baez	240.80
07/01/18	An Introduction to Statistical Learning book	59.54
07/01/18	7/1/18-7/31/18 E-mail service for California Sprinkler Adjustment Notification System	9.95
07/02/18	International Association of Emergency Managers membership renewal for K. Hubbard	190.00
07/02/18	UPS delivery charges for Board packets on Jun. 27, 2018	74.43

**Cal Card Statement Detail**  
**Statement Date: July 23, 2018**  
**Payment Date: August 31, 2018**

<b>Date</b>	<b>Description</b>	<b>Amount</b>
07/07/18	7/8/18-7/8/19 Canva graphic design software subscription	119.40
07/08/18	Adapter and carry-case for Lenovo Yoga 920 Laptop computer	53.84
07/09/18	UPS delivery charges for Board packets on Jul. 6, 2018	6.22
07/09/18	Lunch for Boy Scout program training	154.38
07/11/18	California Emergency Services Association Annual conference in Indian Wells from Sep. 24-27, 2018 - Registration for K. Hubbard and F. Soto	1,448.00
07/12/18	Office supplies from Amazon	25.97
07/12/18	Lunch for Administration Department meeting	77.20
07/13/18	California H2O Women conference in Santa Barbara, CA from Nov. 1-2, 2018 Registration for H. Baez	300.00
07/13/18	Food for staff development meeting	32.50
07/16/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for Director Tamaribuchi	699.00
07/16/18	UPS delivery charges for Board packets on Jul. 6, 2018	56.04
07/16/18	Computer supplies	101.67
07/16/18	2 Monitors and dual monitor stand	435.27
07/17/18	Re-key MWDOC employee door and extra keys	190.56
07/17/18	California H2O Women conference in Santa Barbara, CA from Nov. 1-2, 2018 Registration for M. Baum-Haley	300.00
07/17/18	50 Clipboards for Public Affairs events	54.38
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for R. Hunter	699.00
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for H. De La Torre	699.00
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for M. Baum-Haley	699.00
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for H. Baez	699.00
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for D. Micalizzi	699.00
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for K. Seckel	699.00
07/18/18	OC Register annual subscription renewal	155.66
07/19/18	Lunch for Managers' meeting	562.72
07/19/18	Food for Department of Homeland Security seminar	62.35
07/20/18	Monthly fee for Hulu television streaming service for WEROC	54.98
<b>Total</b>		<b>\$ 14,795.01</b>

**Cal Card Statement Detail**  
**Statement Date: July 23, 2018**  
**Payment Date: August 31, 2018**

<b>Date</b>	<b>Description</b>	<b>Amount</b>
<b><u>R. Hunter Card</u></b>		
6/23/18-7/23/18	Meals for R. Hunter's meetings	120.74
06/29/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Registration for Director Tamaribuchi	170.00
07/10/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Airfare for R. Hunter	415.96
07/11/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Registration for R. Hunter	170.00
07/16/18	Urban Water Institute conference in San Diego, CA from Aug. 22-24, 2018 - Registration for Director Thomas	525.00
07/17/18	Urban Water Institute conference in San Diego, CA from Aug. 22-24, 2018 - Accommodations deposit for Director Thomas	231.04
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for Director Thomas	699.00
07/18/18	ACWA Fall conference in San Diego, CA from Nov. 27-30, 2018 - Registration for Director Yoo Schneider	699.00
07/20/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Transportation for R. Hunter	190.75
07/20/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Parking for R. Hunter	56.00
07/20/18	California Council for Environmental and Economic Balance Summer Issues seminar in Olympic Valley, CA from Jul. 18-20, 2018 - Accommodations balance for Director Tamaribuchi	41.30
<b>Total</b>		<b><u>\$ 3,318.79</u></b>

**Municipal Water District of Orange County**  
**GM Approved Disbursement Report <sup>(1)</sup>**  
**For the month of August 2018**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
<b>Core Disbursements:</b>				
<b>ACH003474</b>	<b>8/15/18</b>	<b>UNIONB 1108221</b>	<b>Union Bank, N.A.</b> 6/1/18-8/22/18 Custodial Bank fees	563.86
			***Total ***	563.86
<b>138205</b>	<b>8/17/18</b>	<b>NWRI 081718</b>	<b>NWRI/OCWD Children's Water Ed Festival</b> Donation in memory of Director Anthony	150.00
			***Total ***	150.00
<b>138262</b>	<b>8/31/18</b>	<b>DISNEY 9502238885</b>	<b>Disneyland Resort</b> 6/1/18 OC Water Summit balance for event facilities	927.68
			***Total ***	927.68
<b>138266</b>	<b>8/31/18</b>	<b>MISCEL 080318</b>	<b>Paul Parreira</b> Reimburse 8/3/18 WACO Speaker for travel expenses	360.96
			***Total ***	360.96
<b>Total Core Disbursements</b>				<b>2,002.50</b>

**Choice Disbursements:**

**Total Choice Disbursements**

**Other Funds Disbursements:**

<b>138265</b>	<b>8/31/18</b>	<b>MISCEL 073018A</b>	<b>Janice Kovacevic</b> 7/30/18 First Aid class refund for T. Kovacevic	65.00
			***Total ***	65.00
<b>138267</b>	<b>8/31/18</b>	<b>MOULTO 073018</b>	<b>Moulton Niguel Water District</b> 7/30/18 First Aid class refund for J. Garibay, Jr.	65.00
			***Total ***	65.00

**Municipal Water District of Orange County**  
**GM Approved Disbursement Report <sup>(1)</sup>**  
**For the month of August 2018**

<i>Check #</i>	<i>Date</i>	<i>Vendor # Invoice/CM #</i>	<i>Name / Description</i>	<i>Net Amount</i>
138270	8/31/18	SOCWA 073018B	SOCWA 7/30/18 First Aid class refund for K. Shilkov	65.00
			***Total ***	65.00
			<b>Total Other Funds Disbursements</b>	<u>195.00</u>
			<b>Total Disbursements</b>	<u><u>2,197.50</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**  
July 31, 2018

Street Address:  
18700 Ward Street  
Fountain Valley, California 92708

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

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

Brett R. Barbre  
President

Joan C. Finnegan  
Vice President

Larry D. Dick  
Director

Wayne S. Osborne  
Director

Megan Yoo Schneider  
Director

Sat Tamaribuchi  
Director

Jeffery M. Thomas  
Director

Robert J. Hunter  
General Manager

**MEMBER AGENCIES**

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

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

Fund	Book Value	% of Portfolio
<b>Designated Reserves</b>		
General Operations	\$3,156,569	16.01%
Grant & Project Cash Flow	1,500,000	7.1%
Election Expense	304,000	1.54%
Building Repair	350,407	1.78%
OPEB	209,006	1.06%
Total Designated Reserves	5,519,982	28.00%
<b>General Fund</b>	9,543,489	48.40%
<b>Water Fund</b>	4,040,522	20.49%
<b>Conservation Fund</b>	273,555	1.39%
<b>Desalination Feasibility Study Fund</b>	(145,267)	(0.74%)
<b>WEROC Fund</b>	455,686	2.31%
<b>Trustee Activities</b>	28,775	0.15%
<b>Total</b>	<b>\$19,716,742</b>	<b>100.00%</b>

The funds are invested as follows:

Term of Investment	% of Portfolio	Book Value	Market Value
Cash	2.05%	\$404,394	\$404,394
<b>Short-term investment</b>			
• LAIF	62.22%	\$12,267,677	\$12,267,677
• OCIP	19.99%	3,941,572	3,941,572
<b>Long-term investment</b>			
• Corporate Bond	5.85%	1,153,099	1,121,950
• Certificates of Deposit	9.89%	1,950,000	1,931,684
<b>Total</b>	<b>100.00%</b>	<b>\$19,716,742</b>	<b>\$19,667,277</b>

The average number of days to maturity/call as of July 31, 2018 equaled 158 and the average yield to maturity is 1.827%. During the month, the District's average daily balance was \$24,912,213.26. 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 July 2018.

The (\$49,465) difference between the book value and the market value on July 31, 2018 represents the exchange difference if all investments had been liquidated on that date. Since it is the District's practice to "buy and hold" investments until maturity, the market values are a point of reference, not an indication of actual loss or gain. There are no current plans or cash flow requirements identified in the near future that would require the sale of these securities prior to maturity.

Robert J. Hunter  
General Manager

Hilary Chumpitazi  
Treasurer





# MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

## Portfolio Management - Portfolio Summary

July 31, 2018

7/31/2018	Par Value	Market Value	Book Value	% of Portfolio	Days to Mat/Call	YTM @ Cost
Negotiable Certificate Of Deposit	1,950,000.00	1,931,684.00	1,950,000.00	10.10	777	2.293
Corporate Bond	1,150,000.00	1,121,949.50	1,153,098.86	5.96	908	2.290
Local Agency Investment Funds	12,267,677.40	12,267,677.40	12,267,677.40	63.53	1	1.935
Orange County Investment Pool	3,941,572.11	3,941,572.11	3,941,572.11	20.41	1	1.583
<b>Total Investments</b>	<b>19,309,249.51</b>	<b>19,262,883.01</b>	<b>19,312,348.37</b>	<b>100.00</b>	<b>133</b>	<b>1.920</b>
<b>Cash</b>						
Cash	404,393.66	404,393.66	404,393.66		1	0.00
<b>Total Cash and Investments</b>	<b>19,713,643.17</b>	<b>19,667,276.67</b>	<b>19,716,742.03</b>		<b>133</b>	<b>1.920</b>

<b>Total Earnings</b>	<b>Month Ending July</b>	<b>Fiscal Year to Date</b>
<b>Current Year</b>	<b>37,768.53</b>	<b>37,768.53</b>
<b>Average Daily Balance</b>	<b>24,912,213.26</b>	
<b>Effective Rate of Return</b>	<b>1.920%</b>	

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 months estimated expenditure. The source for the market values are from Union Bank. Per Resolution 2059 there are no compliance exceptions to report.

  
Robert J. Hunter, General Manager

Date

9-6-18

  
Hilary Chumtipatzi, Treasurer

Date

9/6/2018

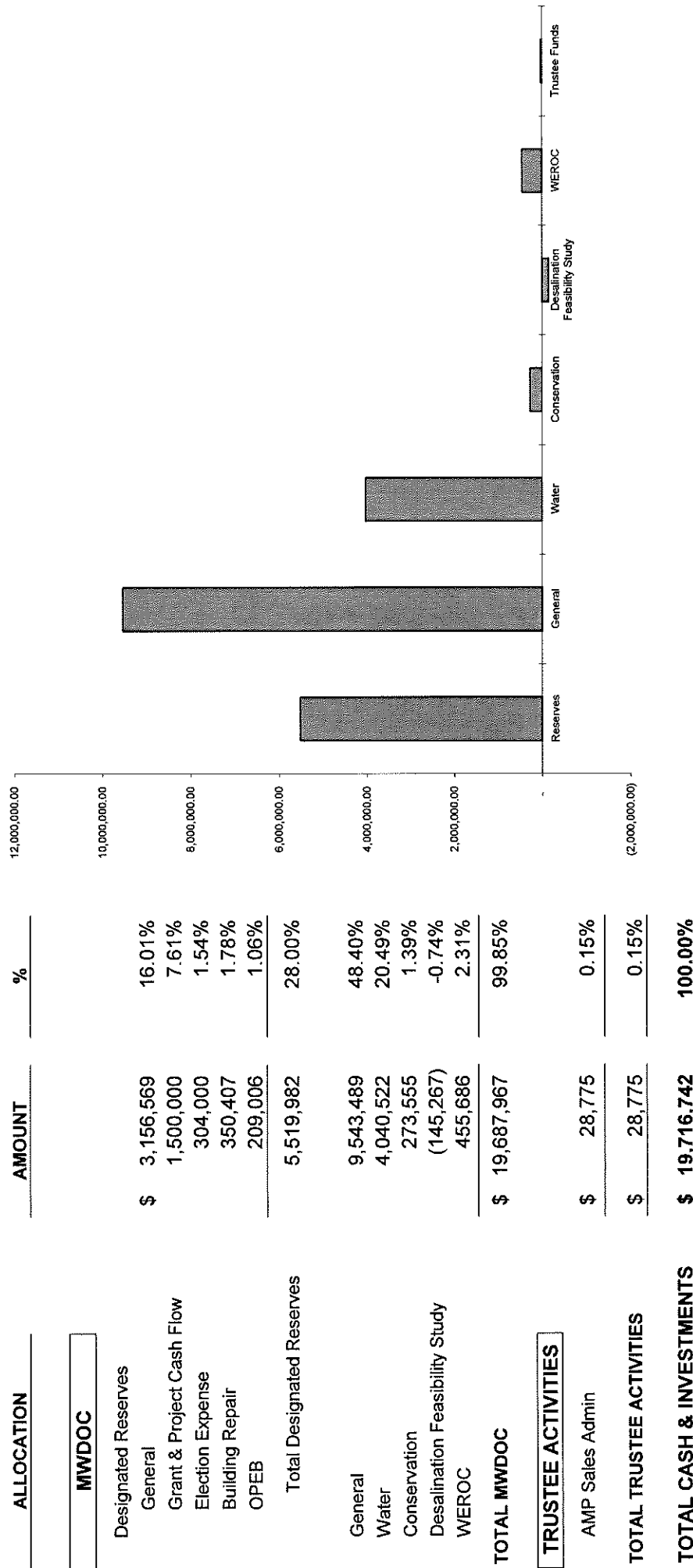
**MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**  
**Portfolio Management**  
**Long-Term Portfolio Details - Investments**  
**July 31, 2018**

Issuer	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Negotiable Certificate Of Deposit</b>									
Barclays Bank	06740KKY2	9/27/2017	250,000.00	241,115.00	250,000.00	2.250	2.250	1,519	9/27/2022
Capital One Bank	140420TY6	8/5/2015	250,000.00	249,990.00	250,000.00	1.700	1.700	6	8/6/2018
Capital One Natl Assn	14042E6C9	9/2/2015	250,000.00	249,040.00	250,000.00	1.950	1.950	399	9/3/2019
Comenity Capital	20033AUX2	7/25/2017	200,000.00	194,424.00	200,000.00	2.000	2.000	1,081	7/16/2021
Discover Bank	254673RV0	7/25/2018	250,000.00	249,972.50	250,000.00	3.300	3.300	1,820	7/25/2023
HSBC Bank	40434AK65	1/21/2016	250,000.00	250,332.50	250,000.00	2.250	2.534	174	1/21/2021
Morgan Stanley Bank	61747MJ36	2/1/2018	250,000.00	247,632.50	250,000.00	2.500	2.500	916	2/1/2021
Synchrony Bank	87164XBY1	7/25/2014	250,000.00	249,177.50	250,000.00	2.050	2.050	364	7/30/2019
<b>Sub Total</b>			<b>1,950,000.00</b>	<b>1,931,684.00</b>	<b>1,950,000.00</b>	<b>2.256</b>	<b>2.293</b>	<b>777</b>	
<b>Corporate Bond</b>									
JP Morgan Chase	46625HKA7	11/2/2015	500,000.00	494,620.00	500,688.96	2.250	2.152	510	1/23/2020
National Rural Util Coop	63743FE51	7/27/2017	200,000.00	189,386.00	200,000.00	2.500	2.500	1,445	7/15/2022
Wells Fargo	94974BGR5	1/13/2016	250,000.00	245,917.50	250,774.72	2.550	2.409	860	12/7/2020
Westpac Banking Corp	961214DQ3	7/25/2017	200,000.00	192,026.00	201,635.18	2.500	2.278	1,428	6/28/2022
<b>Sub Total</b>			<b>1,150,000.00</b>	<b>1,121,949.50</b>	<b>1,153,098.86</b>	<b>2.402</b>	<b>2.290</b>	<b>908</b>	
<b>Total Investments</b>			<b>3,100,000.00</b>	<b>3,053,633.50</b>	<b>3,103,098.86</b>	<b>2.310</b>	<b>2.292</b>	<b>826</b>	
<b>Total Earnings</b>									
Current Year		<b>Month Ending July</b>	<b>5,699.89</b>	<b>Fiscal Year To Date</b>					
				<b>68,510.87</b>					

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

Investments	CUSIP/Ticker	Settlement Date	Par Value	Market Value	Book Value	Coupon Rate	YTM @ Cost	Days To Call/Maturity	Maturity Date
<b>Local Agency Investment Funds</b>									
LAIF LGIP	LAIF	6/30/2010	12,267,677.40	12,267,677.40	12,267,677.40	1.935	1.935	1	N/A
<b>Sub Total</b>			<b>12,267,677.40</b>	<b>12,267,677.40</b>	<b>12,267,677.40</b>	<b>1.935</b>	<b>1.935</b>	<b>1</b>	
<b>Orange County Investment Pool</b>									
County of Orange LGIP	OCIP	6/29/2005	3,941,572.11	3,941,572.11	3,941,572.11	1.583	1.583	1	N/A
<b>Sub Total</b>			<b>3,941,572.11</b>	<b>3,941,572.11</b>	<b>3,941,572.11</b>	<b>1.583</b>	<b>1.583</b>	<b>1</b>	
<b>Total Investments</b>			<b>16,209,249.51</b>	<b>16,209,249.51</b>	<b>16,209,249.51</b>	<b>1.849</b>	<b>1.849</b>		
<b>Cash</b>									
US Bank Cash	CASHUSBANK	7/25/2018	243,775.76	243,775.76	243,775.76	0.000	0.000	1	N/A
Bank of America Cash	CASH0547	7/1/2010	160,117.90	160,117.90	160,117.90	0.000	0.000	1	N/A
Petty Cash Cash	CASH	7/1/2010	500.00	500.00	500.00	0.000	0.000	1	N/A
<b>Total Cash</b>			<b>404,393.66</b>	<b>404,393.66</b>	<b>404,393.66</b>	<b>0.000</b>	<b>0.000</b>	<b>1</b>	
<b>Total Cash and Investments</b>			<b>16,613,643.17</b>	<b>16,613,643.17</b>	<b>16,613,643.17</b>	<b>1.849</b>	<b>1.849</b>	<b>1</b>	
<b>Total Earnings</b>									
Current Year			32,068.64		32,068.64				

# Cash and Investments at July 31, 2018



**MUNICIPAL WATER DIST OF ORANGE COUNTY**  
**PARS Post•Employment Benefits Trust****Account Report for the Period**  
**7/1/2018 to 7/31/2018**Rob Hunter  
General Manager  
Municipal Water Dist of Orange County  
18700 Ward Street  
Fountain Valley, CA 92708**Account Summary**

Source	Beginning Balance as of 7/1/2018	Contributions	Earnings	Expenses	Distributions	Transfers	Ending Balance as of 7/31/2018
OPEB	\$2,075,238.07	\$0.00	\$29,535.65	\$432.34	\$0.00	\$2,481.45	\$2,106,822.83
PENSION	\$0.00	\$207,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$207,000.00
<b>Totals</b>	<b>\$2,075,238.07</b>	<b>\$207,000.00</b>	<b>\$29,535.65</b>	<b>\$432.34</b>	<b>\$0.00</b>	<b>\$2,481.45</b>	<b>\$2,313,822.83</b>

**Investment Selection****Source**OPEB      **Moderate HighMark PLUS****Investment Objective****Source**

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

**Investment Return**

Source	1-Month	3-Months	1-Year	Annualized Return			Plan's Inception Date
				3-Years	5-Years	10-Years	
OPEB	1.42%	2.59%	6.49%	5.99%	6.40%	-	10/26/2011
PENSION	0.00%	-	-	-	-	-	7/31/2018

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

Past performance does not guarantee future results. Performance returns may not reflect the deduction of applicable fees, which could reduce returns. Information is deemed reliable but may be subject to change.  
Investment Return: Annualized rate of return is the return on an investment over a period other than one year multiplied or divided to give a comparable one-year return.  
Account balances are inclusive of Trust Administration, Trustee and Investment Management fees

# Item No. 3e

## Municipal Water District of Orange County WATER USE EFFICIENCY PROJECTS Cash Flow as of 6/31/18

	Jul 2018	Aug 2018	Sep 2018	Oct 2018	Nov 2018	Dec 2018	Jan 2019	Feb 2019	Mar 2019	Apr 2019	May 2019	Jun 2019	TOTALS
<b>Cash - Beginning Balance</b>	\$ 280,031.97	\$ 273,554.92	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	\$ 407,387.74	
<b>REVENUES:</b>													
BUREC	4,605.00	111.00											\$ 4,716.00
City of Brea													-
City of Buena Park		222.00											222.00
City of Fountain Valley	222.00												222.00
City of Fullerton													-
City of Garden Grove													-
City of Huntington Beach	598.99												598.99
City of La Habra	222.00												222.00
City of San Clemente	3,244.99	9,442.99											12,687.98
City of San Juan Capistrano													-
City of Santa Ana													-
City of Tustin													-
City of Newport Beach		3,343.80											3,343.80
City of Orange	444.00												444.00
City of Westminster	333.00	539.00											872.00
County of Orange													-
Department of Water Resources	32,990.80												32,990.80
East Orange County Water District													-
El Toro Water District		774.00											774.00
Irvine Ranch Water District	8,271.11	47,878.73											56,149.84
Laguna Beach County Water District		15.00											15.00
Mesa Water District	66.82	197.98											264.80
Metropolitan Water District		191,093.43											191,093.43
Moulton Niguel Water District	38,341.68	7,726.23											46,067.91
Orange County Water District													-
Santa Margarita Water District													-
Trabuco Canyon Water District		605.76											605.76
Yorba Linda Water District		284.07											284.07
<b>Miscellaneous Revenues</b>													
Miscellaneous													-
Interest Revenue	2,228.14		-	-	-	-	-	-	-	-	-	-	2,228.14
<b>Total Revenues</b>	<b>91,568.53</b>	<b>262,233.99</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 353,802.52</b>
<b>EXPENDITURES:</b>													
Budget Based Tiered Rates, Rattels	2,220.00	1,050.00											3,270.00
Droplet													-
Ecotech													-
IRWD													-
Golden State Water Company													-
City of Huntington Beach													-
Laguna Beach CWD													-
Metropolitan Water District	28,091.13												28,091.13
Mission RCD		20,060.11											20,060.11
Pollard Water		44,516.38											44,516.38
Recycled Water On Site Retrofit program													-
Spray to Drip program	690.45	4,310.08											5,000.53
SHWD	34,905.00												34,905.00
Turf Removal	32,139.00	58,464.60											90,603.60
Water Savings Incentive Program													-
Western National Property Management													-
<b>Miscellaneous Expenses</b>													
Interest Expense													-
Salary & Benefit													-
<b>Total Expenditures</b>	<b>98,045.58</b>	<b>128,401.17</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ 226,446.75</b>
<b>Cash - Ending Balance</b>	<b>\$ 273,554.92</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	<b>\$ 407,387.74</b>	

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

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

<b><u>ASSETS</u></b>	<b>Amount</b>
Cash in Bank	404,393.66
Investments	19,312,348.37
Accounts Receivable	40,787,167.21
Accounts Receivable - Other	198,799.33
Accrued Interest Receivable	53,963.34
Prepays/Deposits	272,529.58
Leasehold Improvements	3,735,829.68
Furniture, Fixtures & Equipment	570,379.96
Less: Accum Depreciation	(2,957,178.52)
Net OPEB Asset	483,546.00
<b>TOTAL ASSETS</b>	<b><u>\$62,861,778.61</u></b>
<b><u>LIABILITIES AND FUND BALANCES</u></b>	
<b>Liabilities</b>	
Accounts Payable	42,005,525.98
Accounts Payable - Other	321.98
Accrued Salaries and Benefits Payable	434,346.14
Other Liabilities	432,016.76
Unearned Revenue	954,311.68
Total Liabilities	<u>43,826,522.54</u>
<b>Fund Balances</b>	
Restricted Fund Balances	
Water Fund - T2C	985,174.32
Total Restricted Fund Balances	<u>985,174.32</u>
Unrestricted Fund Balances	
OPEB Related Asset Fund	483,546.00
Designated Reserves	
General Operations	3,156,569.42
Grant & Project Cash Flow	1,500,000.00
Election Expense	304,000.00
Building Repair	350,407.45
OPEB	209,006.00
Total Designated Reserves	<u>5,519,982.87</u>
GENERAL FUND	4,224,040.58
WEROC Capital	25,338.00
WEROC	273,656.70
Total Unrestricted Fund Balances	<u>10,526,564.15</u>
Excess Revenue over Expenditures	
Operating Fund	7,392,502.86
Other Funds	131,014.74
Total Fund Balance	<u>19,035,256.07</u>
<b>TOTAL LIABILITIES AND FUND BALANCES</b>	<b><u>\$62,861,778.61</u></b>



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

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<b><u>REVENUES</u></b>						
Retail Connection Charge	7,697,005.75	7,697,005.75	7,697,006.00	100.00%	0.00	0.25
Ground Water Customer Charge	<u>499,012.00</u>	<u>499,012.00</u>	<u>499,012.00</u>	<u>100.00%</u>	<u>0.00</u>	<u>0.00</u>
Water rate revenues	8,196,017.75	8,196,017.75	8,196,018.00	100.00%	0.00	0.25
Interest Revenue	<u>36,048.51</u>	<u>36,048.51</u>	<u>390,000.00</u>	<u>9.24%</u>	<u>0.00</u>	<u>353,951.49</u>
Subtotal	<u>8,232,066.26</u>	<u>8,232,066.26</u>	<u>8,586,018.00</u>	<u>95.88%</u>	<u>0.00</u>	<u>353,951.74</u>
Choice Programs	0.00	0.00	1,174,750.00	0.00%	0.00	1,174,750.00
Miscellaneous Income	76.96	76.96	3,000.00	2.57%	0.00	2,923.04
School Contracts	0.00	0.00	102,031.00	0.00%	0.00	102,031.00
Transfer-In From Reserve	<u>0.00</u>	<u>0.00</u>	<u>5,276.00</u>	<u>0.00%</u>	<u>0.00</u>	<u>5,276.00</u>
Subtotal	<u>76.96</u>	<u>76.96</u>	<u>1,285,057.00</u>	<u>0.01%</u>	<u>0.00</u>	<u>1,284,980.04</u>
<b>TOTAL REVENUES</b>	<u><b>8,232,143.22</b></u>	<u><b>8,232,143.22</b></u>	<u><b>9,871,075.00</b></u>	<u><b>83.40%</b></u>	<u><b>0.00</b></u>	<u><b>1,638,931.78</b></u>

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

	Month to Date	Year to Date	Annual Budget	% Used	Encumbrance	Budget Remaining
<b><u>EXPENSES</u></b>						
Salaries & Wages	290,252.47	290,252.47	3,522,982.00	8.24%	0.00	3,232,729.53
Salaries & Wages - Grant Recovery	0.00	0.00	(6,300.00)	0.00%	0.00	(6,300.00)
Director's Compensation	14,552.51	14,552.51	255,360.00	5.70%	0.00	240,807.49
MWD Representation	9,800.67	9,800.67	145,920.00	6.72%	0.00	136,119.33
Employee Benefits	83,130.13	83,130.13	1,108,564.00	7.50%	0.00	1,025,433.87
OPEB Annual Contribution	207,000.00	207,000.00	207,000.00	100.00%	0.00	0.00
Director's Benefits	7,415.48	7,415.48	94,767.00	7.82%	0.00	87,351.52
Health Insurance for Retirees	5,911.14	5,911.14	70,519.00	8.38%	0.00	64,607.86
Training Expense	379.14	379.14	25,000.00	1.52%	0.00	24,620.86
Tuition Reimbursement	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Temporary Help Expense	0.00	0.00	5,000.00	0.00%	0.00	5,000.00
Personnel Expenses	618,441.54	618,441.54	5,433,812.00	11.38%	0.00	4,815,370.46
Engineering Expense	24,870.41	24,870.41	330,000.00	7.54%	299,557.99	5,571.60
Legal Expense	17,114.44	17,114.44	255,000.00	6.71%	237,885.56	0.00
Audit Expense	7,000.00	7,000.00	29,000.00	24.14%	12,380.00	9,620.00
Professional Services	41,322.30	41,322.30	1,430,758.00	2.89%	839,428.25	550,007.45
Professional Fees	90,307.15	90,307.15	2,044,758.00	4.42%	1,389,251.80	565,199.05
Conference-Staff	4,964.00	4,964.00	42,880.00	11.58%	0.00	37,916.00
Conference-Directors	2,792.00	2,792.00	24,930.00	11.20%	0.00	22,138.00
Travel & Accom.-Staff	1,258.05	1,258.05	99,600.00	1.26%	0.00	98,341.95
Travel & Accom.-Directors	1,127.04	1,127.04	51,750.00	2.18%	0.00	50,622.96
Travel & Conference	10,141.09	10,141.09	219,160.00	4.63%	0.00	209,018.91
Membership/Sponsorship	56,856.36	56,856.36	141,662.00	40.14%	0.00	84,805.64
CDR Support	11,761.07	11,761.07	47,044.00	25.00%	35,283.19	(0.26)
Dues & Memberships	68,617.43	68,617.43	188,706.00	36.36%	35,283.19	84,805.38
Business Expense	231.48	231.48	5,600.00	4.13%	0.00	5,368.52
Maintenance Office	6,354.15	6,354.15	132,796.00	4.78%	121,841.85	4,600.00
Building Repair & Maintenance	1,017.63	1,017.63	20,000.00	5.09%	18,982.37	0.00
Storage Rental & Equipment Lease	207.60	207.60	3,460.00	6.00%	2,252.40	1,000.00
Office Supplies	1,661.41	1,661.41	36,000.00	4.62%	3,804.67	30,533.92
Postage/Mail Delivery	424.20	424.20	9,000.00	4.71%	3,577.98	4,997.82
Subscriptions & Books	155.66	155.66	1,500.00	10.38%	0.00	1,344.34
Reproduction Expense	0.00	0.00	33,073.00	0.00%	6,673.79	26,399.21
Maintenance-Computers	593.10	593.10	8,000.00	7.41%	2,000.00	5,406.90
Software Purchase	0.00	0.00	45,861.00	0.00%	9,507.36	36,353.64
Software Support	4,287.61	4,287.61	51,934.00	8.26%	2,400.00	45,246.39
Computers and Equipment	0.00	0.00	11,850.00	0.00%	0.00	11,850.00
Automotive Expense	1,656.85	1,656.85	17,262.00	9.60%	0.00	15,605.15
Toll Road Charges	57.46	57.46	1,000.00	5.75%	0.00	942.54
Insurance Expense	10,435.28	10,435.28	138,500.00	7.53%	0.00	128,064.72
Utilities - Telephone	1,377.24	1,377.24	20,178.00	6.83%	1,260.97	17,539.79
Bank Fees	1,744.40	1,744.40	21,225.00	8.22%	0.00	19,480.60
Miscellaneous Expense	3,158.37	3,158.37	119,205.00	2.65%	0.00	116,046.63
MWDOC's Contrb. to WEROC	15,948.37	15,948.37	216,868.00	7.35%	0.00	200,919.63
Depreciation Expense	2,822.34	2,822.34	0.00	0.00%	0.00	(2,822.34)
Other Expenses	52,133.15	52,133.15	893,312.00	5.84%	172,301.39	668,877.46
Election Expense	0.00	0.00	304,000.00	0.00%	0.00	304,000.00
Building Expense	0.00	0.00	531,827.00	0.00%	37,622.00	494,205.00
Capital Acquisition	0.00	0.00	255,500.00	0.00%	0.00	255,500.00
<b>TOTAL EXPENSES</b>	<b>839,640.36</b>	<b>839,640.36</b>	<b>9,871,075.00</b>	<b>8.51%</b>	<b>1,634,458.38</b>	<b>7,396,976.26</b>
<b>NET INCOME (LOSS)</b>	<b>7,392,502.86</b>	<b>7,392,502.86</b>	<b>0.00</b>			

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

	Month to Date	Year to Date	Annual Budget	% Used	Budget Remaining
<b><u>WATER REVENUES</u></b>					
Water Sales	19,771,904.10	19,771,904.10	188,976,940.00	10.46%	169,205,035.90
Readiness to Serve Charge	903,260.48	903,260.48	10,902,178.00	8.29%	9,998,917.52
Capacity Charge CCF	321,247.50	321,247.50	3,854,976.00	8.33%	3,533,728.50
SCP/SAC Pipeline Surcharge	35,006.49	35,006.49	365,000.00	9.59%	329,993.51
Interest	<u>1,271.79</u>	<u>1,271.79</u>	<u>13,000.00</u>	<u>9.78%</u>	<u>11,728.21</u>
<b>TOTAL WATER REVENUES</b>	<u>21,032,690.36</u>	<u>21,032,690.36</u>	<u>204,112,094.00</u>	<u>10.30%</u>	<u>183,079,403.64</u>
<b><u>WATER PURCHASES</u></b>					
Water Sales	19,771,904.10	19,771,904.10	188,976,940.00	10.46%	169,205,035.90
Readiness to Serve Charge	903,260.48	903,260.48	10,902,178.00	8.29%	9,998,917.52
Capacity Charge CCF	321,247.50	321,247.50	3,854,976.00	8.33%	3,533,728.50
SCP/SAC Pipeline Surcharge	<u>35,006.49</u>	<u>35,006.49</u>	<u>365,000.00</u>	<u>9.59%</u>	<u>329,993.51</u>
<b>TOTAL WATER PURCHASES</b>	<u>21,031,418.57</u>	<u>21,031,418.57</u>	<u>204,099,094.00</u>	<u>10.30%</u>	<u>183,067,675.43</u>
<b>EXCESS OF REVENUE OVER EXPENDITURES</b>	<u><u>1,271.79</u></u>	<u><u>1,271.79</u></u>	<u><u>13,000.00</u></u>		

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

	Year to Date Actual	Annual Budget	% Used
<b>Spray To Drip Conversion</b>			
Revenues	727.54	128,540.00	0.57%
Expenses	<u>1,488.35</u>	<u>128,540.00</u>	1.16%
Excess of Revenues over Expenditures	(760.81)	0.00	
<b>Member Agency Administered Passthru</b>			
Revenues	0.00	100,000.00	0.00%
Expenses	<u>0.00</u>	<u>100,000.00</u>	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
<b>ULFT Rebate Program</b>			
Revenues	0.00	43,500.00	0.00%
Expenses	<u>1,049.00</u>	<u>43,500.00</u>	2.41%
Excess of Revenues over Expenditures	(1,049.00)	0.00	
<b>HECW Rebate Program</b>			
Revenues	0.00	425,000.00	0.00%
Expenses	<u>10,941.43</u>	<u>425,000.00</u>	2.57%
Excess of Revenues over Expenditures	(10,941.43)	0.00	
<b>CII Rebate Program</b>			
Revenues	0.00	462,500.00	0.00%
Expenses	<u>0.00</u>	<u>462,500.00</u>	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
<b>Turf Removal Program</b>			
Revenues	17,867.80	1,345,000.00	1.33%
Expenses	<u>35,443.88</u>	<u>1,345,000.00</u>	2.64%
Excess of Revenues over Expenditures	(17,576.08)	0.00	
<b>Comprehensive Landscape (CLWUE)</b>			
Revenues	6,060.98	366,840.00	1.65%
Expenses	<u>19,292.23</u>	<u>366,840.00</u>	5.26%
Excess of Revenues over Expenditures	(13,231.25)	0.00	
<b>Large Landscape Survey Program</b>			
Revenues	157.40	64,000.00	0.25%
Expenses	<u>8,824.69</u>	<u>64,000.00</u>	13.79%
Excess of Revenues over Expenditures	(8,667.29)	0.00	
<b>WSIP - Industrial Program</b>			
Revenues	0.00	36,755.00	0.00%
Expenses	<u>0.00</u>	<u>36,755.00</u>	0.00%
Excess of Revenues over Expenditures	0.00	0.00	
<b>WUE Projects</b>			
Revenues	24,813.72	2,972,135.00	0.83%
Expenses	<u>77,039.58</u>	<u>2,972,135.00</u>	2.59%
Excess of Revenues over Expenditures	(52,225.86)	0.00	
<b>WEROC</b>			
Revenues	207,328.37	489,160.00	42.38%
Expenses	<u>23,332.64</u>	<u>489,160.00</u>	4.77%
Excess of Revenues over Expenditures	183,995.73	0.00	



**CONSENT CALENDAR ITEM**

September 19, 2018

**TO:** Board of Directors

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

Robert J. Hunter, General Manager

**SUBJECT:** **Authorize FY18-19 Choice Programs Budget Revisions**

**STAFF RECOMMENDATION**

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It is recommended that the Board of Directors: Approve the Choice Programs budget revisions.

**COMMITTEE RECOMMENDATION**

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Committee concurred with staff recommendation.

**DETAILED REPORT**

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As stated at the April 2018 board meeting, the final Choice Programs budget would be presented in September 2018. This is when all the agencies participation numbers are final which usually results in some budget changes. There are two Choice Programs, Water Use Efficiency and Public Affairs School Programs. The Choice Water Use Efficiency program remained unchanged from the adopted budget approved in April 2018.

The Public Affairs department received their final participation numbers from our member agencies in August 2018 for their Choice School Programs. The Choice High School program budget decreased from \$100,540 to \$87,420. This was due to an aggressive budget estimate in the hope to grow and take the program to more schools but in the end were unable to get the commitments from the member agencies across the board. The Choice Elementary School program budget increased from \$257,615 to \$259,275 due to small increases from some member agencies. Additionally \$43,710, originally in the Choice High School program for the digital component, was negotiated down to \$25,143 and is coming out of the Core High School budget. The end result is a decrease in the Choice Programs budget of \$55,170. The Core Budget remains unchanged from the April 2018 adopted budget.

**Attachments:**

Attached hereto is the MWDOC FY18-19 Revised Budget Summary

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



## **Annual Budget for Fiscal Year 2018-19**

### **Revised Budget Summary**

**MWDOC's mission is:**

***To provide reliable, high-quality supplies from MWD and other sources to meet present and future needs, at an equitable and economical cost, and to promote water use efficiency for all of Orange County***

**Exhibit A7**  
**SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS**  
**FOR BUDGET REVISIONS**

	FY 2018-2019 CHOICE APRIL BUDGET	FY 2018-2019 CHOICE REVISED BUDGET	FY 2018-2019 CORE APRIL BUDGET	FY 2018-2019 CORE REVISED BUDGET	FY 2018-2019 CNSLD APRIL BUDGET	FY 2018-2019 CNSLD REVISED BUDGET
<b>OPERATING EXPENSES:</b>						
Salaries & Wages	\$ 418,691	\$ 418,691	\$ 3,104,292	\$ 3,104,292	\$ 3,522,983	\$ 3,522,983
less for Recovery from Grants	(6,300)	(6,300)	-	-	(6,300)	(6,300)
Employee Benefits	128,836	128,836	979,729	979,729	1,108,564	1,108,564
Director Compensation	-	-	255,360	255,360	255,360	255,360
Director Benefits	-	-	94,767	94,767	94,767	94,767
MWD Representation	-	-	145,920	145,920	145,920	145,920
CALPERS Unfunded Liability Contribution			207,000	207,000	207,000	207,000
Overhead Reimbursement	161,317	161,317	(161,317)	(161,317)	-	-
Health Insurance Coverage for Retirees	-	-	70,519	70,519	70,519	70,519
Audit Expense	-	-	29,000	29,000	29,000	29,000
Automotive & Toll Road Expenses	-	-	18,262	18,262	18,262	18,262
Conference Expense - Staff	-	-	42,880	42,880	42,880	42,880
Conference Expense - Directors	-	-	24,930	24,930	24,930	24,930
Engineering Expense	-	-	330,000	330,000	330,000	330,000
Insurance Expense	-	-	138,500	138,500	138,500	138,500
Legal Expense - General	-	-	255,000	255,000	255,000	255,000
Maintenance Expense	-	-	132,796	132,796	132,796	132,796
Membership / Sponsorship	-	-	141,662	141,662	141,662	141,662
CDR Participation	-	-	47,044	47,044	47,044	47,044
Miscellaneous Expense	6,000	6,000	134,430	134,430	140,430	140,430
Postage / Mail Delivery	400	400	8,600	8,600	9,000	9,000
Professional Fees	567,837	512,667	862,921	862,921	1,430,758	1,375,588
Rents & Leases			3,460	3,460	3,460	3,460
Outside Printing, Subscription & Books			34,573	34,573	34,573	34,573
Office Supplies			36,000	36,000	36,000	36,000
Building Repair & Maintenance			20,000	20,000	20,000	20,000
Computer Maintenance			8,000	8,000	8,000	8,000
Business Expense			5,600	5,600	5,600	5,600
Software Support & Expense			97,795	97,795	97,795	97,795
Computers and Equipment			11,850	11,850	11,850	11,850
Telecommunications Expense			20,178	20,178	20,178	20,178
Temporary Help Expense			5,000	5,000	5,000	5,000
Training Expense			25,000	25,000	25,000	25,000
Tuition Reimbursement			5,000	5,000	5,000	5,000

(1)

(2)

**Exhibit A7**  
**SUMMARY OF REVENUES AND EXPENSES BY LINE ITEMS**  
**FOR BUDGET REVISIONS**

	FY 2018-2019 CHOICE APRIL BUDGET	FY 2018-2019 CHOICE REVISED BUDGET	FY 2018-2019 CORE APRIL BUDGET	FY 2018-2019 CORE REVISED BUDGET	FY 2018-2019 CNSLD APRIL BUDGET	FY 2018-2019 CNSLD REVISED BUDGET
<b>OPERATING EXPENSES: continued</b>						-
Travel & Accommodations - Staff			99,600	99,600	99,600	99,600
Travel & Accommodations - Directors			51,750	51,750	51,750	51,750
MWDOC's Contribution to WEROC: Operations			191,380	191,380	191,380	191,380
and to WEROC Capital Improvements			25,488	25,488	25,488	25,488
Capital Acquisition (excluding building)			255,500	255,500	255,500	255,500
<b>NORMAL OPERATING EXPENSES</b>	<b>\$ 1,276,781</b>	<b>\$ 1,221,611</b>	<b>\$ 7,758,468</b>	<b>\$ 7,758,468</b>	<b>\$ 9,035,249</b>	<b>\$ 8,980,079</b>
MWDOC's Building Expense			\$ 531,827	\$ 531,827	\$ 531,827	\$ 531,827
Contribution to Election Reserve			304,000	304,000	304,000	304,000
<b>TOTAL EXPENSES</b>	<b>\$ 1,276,781</b>	<b>\$ 1,221,611</b>	<b>\$ 8,594,295</b>	<b>\$ 8,594,295</b>	<b>\$ 9,871,076</b>	<b>\$ 9,815,906</b>

<b>REVENUES:</b>						
Retail Meter Charge			\$ 7,697,006	\$ 7,697,006	\$ 7,697,006	\$ 7,697,006
Ground Water Customer Charge			499,012	499,012	499,012	499,012
Interest Revenue			390,000	390,000	390,000	390,000
Miscellaneous Income			3,000	3,000	3,000	3,000
Choice Revenue	1,276,781	1,221,611			1,276,781	1,221,611
<b>TOTAL REVENUES</b>	<b>\$ 1,276,781</b>	<b>\$ 1,221,611</b>	<b>\$ 8,589,018</b>	<b>\$ 8,589,018</b>	<b>\$ 9,865,799</b>	<b>\$ 9,810,629</b>

<b>EFFECT ON RESERVES:</b>						
<b>TOTAL CONTRIBUTION (DRAW) FROM RESERVES</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ (5,277)</b>	<b>\$ (5,277)</b>	<b>\$ (5,277)</b>	<b>\$ (5,277)</b>

(1) Total FY18-19 Salaries & Wages includes \$79,052 for intern support

(2) Total Benefits includes \$8,316 for intern support. Total Benefits also includes a Calpers contribution for full time employees of 9.409% for classic employees and 6.842% for PEPRA Calpers employees. A further assumption is that medical, dental and vision insurance rates will increase by 8% for calendar year 2018.





**CONSENT CALENDAR ITEM**

September 12, 2018

**TO:** Board of Directors

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

Robert J. Hunter, General Manager  
Staff Contact: Charles Busslinger

**SUBJECT:** **Award Professional Services Contract for MWDOC Seismic Retrofit Project**

**STAFF RECOMMENDATION**

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It is recommended that the General Manager be authorized to contract with IDS Group in the amount of \$142,600 based on the Proposed Budget described in their proposal and the revised cost proposal dated September 5, 2018 for the MWDOC Seismic Retrofit Project work.

**COMMITTEE RECOMMENDATION**

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Committee concurred with staff recommendation.

**SUMMARY**

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Staff sent out a **Request for Proposals (RFP) for Professional Services for the MWDOC Seismic Retrofit Project** to five consultants; posted the RFP to the MWDOC website, and posted the RFP on two additional planroom websites. The purpose of the RFP was to engage consultants with expertise in seismic retrofit design and experience in managing seismic building retrofits; in order to complete seismic improvements previously approved by the Board for the MWDOC South Emergency Operations Center and MWDOC Administration Building. Consultants were requested to provide assistance to MWDOC in the following areas:

- Project Management
- Preparation of draft and final bid and contract documents

Budgeted (Y/N): N	Budgeted amount:	Core ____	Choice ____
Action item amount: \$142,600		Line item: 19 - 8810 Building Fund Reserve	
Fiscal Impact (explain if unbudgeted): Costs are proposed to be funded from the MWDOC Building Reserve Fund in the amount of \$142,600.			

- Preparation of Technical Plans, Drawings, Specifications and Bid Item Schedule
- Obtain all necessary permits to complete the project
- Provide Bid Assistance and Post Bid Support
- Provide Construction Management and Onsite Field Inspections as Owners' Representative

Proposals were received from MARRS Services, Inc. and IDS Group. Staff reviewed both proposals and both proposals required follow up clarifications. MARRS's proposal required additional budget information on ADA compliance work, and IDS' proposal required additional budget information regarding fire suppression system improvements.

IDS' proposed budget for the work was \$142,600 and MARRS' proposed budget was 80% higher. Staff reviewed the level of effort budgeted in each proposal and believe that IDS' proposed budget is probably too low while MARRS's proposed budget is probably too high. Staff checked multiple references and received favorable responses for both consultants. Based upon previous experience with IDS, staff is of the opinion that the IDS' proposal is low with corresponding levels of service which will require increased MWDOC staff time to successfully finish the project. However, even after correcting for increased MWDOC staff time, the IDS proposal is deemed the lower proposal.

#### **Staff Recommendation**

Staff recommends the Board of Directors authorize the General Manager to award a contract with IDS Group in an amount not to exceed \$142,600.



**CONSENT CALENDAR ITEM**

September 19, 2018

**TO:** Board of Directors

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

Robert J. Hunter, General Manager

**SUBJECT:** **AUTHORIZE ATTENDANCE AT THE FEMA & AWWA DISASTER  
RESOURCE TYPING STANDARDS WORKSHOP, NOVEMBER 15,  
2018, WASHINGTON, DC**

**STAFF RECOMMENDATION**

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It is recommended that the Board of Directors: Consider authorizing attendance by Kelly Hubbard at the FEMA & AWWA Disaster Typing Standards Workshop, November 15, 2018 in Washington, DC.

**COMMITTEE RECOMMENDATION**

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Committee recommended the Board authorize attendance by Kelly Hubbard.

**SUMMARY**

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AWWA is updating its resource typed teams for the water and wastewater sector that can be utilized to streamline intrastate and interstate mutual aid between water and wastewater utility agencies. This project will follow the National Incident Management System (NIMS) Resource Typing Criteria as outlined in by the National Integration Center. The final product will be a resource that could stand alone or become incorporated into an AWWA standard such as G440: Emergency Preparedness Practices. Workshops in Washington, DC have been scheduled to facilitate this update.

WEROC Programs Manager Kelly Hubbard has been asked to be on a National Advisory Committee and participate in a workshop to review the AWWA and FEMA joint standards for water and wastewater resources; said workshop is scheduled for November 15, 2018 in Washington, DC.

Section 2301 of the Administrative Code requires Board approval for travel outside the State of California on MWD OC-related business. All travel and accommodation costs associated with Ms. Hubbard's participation will be paid by AWWA.

Budgeted (Y/N): N	Budgeted amount: N/A	Core X__	Choice __
Action item amount: 0	Line item:		
Fiscal Impact (explain if unbudgeted):			



**ACTION ITEM**  
September 19, 2018

**TO:** Board of Directors

**FROM:** Robert Hunter, General Manager

Staff Contact: Karl Seckel, Heather Baez

**SUBJECT:** Scoping Study to Estimate the Cost of Correcting Small Non-Compliant Water Systems in California to Engage in the Upcoming State “Water Tax” Discussions

**STAFF RECOMMENDATION**

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Staff recommends the Board authorize an initial \$20,000 on a sole source basis to Black & Veatch Engineers (B&V) to begin preparation of cost estimates to bring, small, non-compliant water systems, statewide, into compliance. The total study cost may be on the order of \$200,000, but the initial seed funding is required to initiate the work. The District plans to seek support from other water providers to fund the overall effort. The purpose of developing the cost estimates is to provide updated and more accurate information to help engage on this issue at the State level.

**SUMMARY**

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At the end of the 2018 Legislative Session, Assembly Speaker Anthony Rendon stated that the Assembly is committed to identifying a sustainable funding source to ensure safe drinking water for all Californians. Thus, the State Water Tax issue will be back in the next legislative session. Staff believes the information previously utilized by the State Water Resources Control Board (SWRCB) regarding the level of capital and O&M costs necessary to correct the non-compliant systems may be outdated or inaccurate. The SWRCB used the prior information as the basis to develop the statewide water tax proposal. The obligations for rectifying the non-compliant water systems rests with the State, including providing capital and O&M funding for necessary projects. We are concerned that the estimates being used by the SWRCB have not taken a broad enough perspective in correcting the problems to allow innovative, lower cost solutions.

<b>Budgeted (Y/N):</b>	Budgeted amount:	Core <input checked="" type="checkbox"/>	Choice <input type="checkbox"/>
<b>Action item amount:</b>	Line item:		
<b>Fiscal Impact (explain if unbudgeted):</b>			

The concept of getting this effort going is as follows:

- MWDOC provides the seed funding to B&V
- The seed money will fund B&V staff to participate in a series of meetings to collect better information on the nature and extent of the problems. MWDOC staff will assist B&V in this effort and provide introductions and access to key people.
- Contact will be made by MWDOC with likely key supporters of the MWDOC effort including agencies in Orange County, MET member agencies, ACWA, CUWA and others so that input from a broad range of supporters is solicited. Ultimately, this broad range of supporters will help fund the broader study effort to be scoped out by B&V.
- B&V will contact the SWRCB staff working on this issue and may involve District Engineers from the Division of Drinking Water (DDW) offices in various parts of the State to get information, input and advice.
- B&V will prepare a scope of work to develop the estimated statewide costs for bringing the small non-compliant systems into compliance. Conceptually, we believe the study will cost between \$150,000 and \$200,000. MWDOC will seek funding assistance from others to support the effort.
- B&V will complete the study and provide the information to the support group
- MWDOC and the support group will utilize the information to engage in discussions on the State Water Tax.

When this item was discussed at the recent MWDOC A&F Committee, an issue was raised in relation with AB 2050 (Caballero) - the Small System Authority Act of 2018, which is currently on the Governor's desk awaiting either his signature or veto. The bill, if signed, will authorize the creation of a small system water authority that will have powers to absorb, improve, and competently operate noncompliant public water systems. It will require the SWRCB to send a notice to public water systems that are not in compliance with drinking water standards, and if the system does not return to compliance in a timely manner, requires the SWRCB to first attempt to consolidate the public water system with an existing water system, and, if not, force the dissolution of the public water system and merge that system into a new Authority.

The work proposed by MWDOC would complement any work that proceeds under this bill as the SWRCB expenditures for compliance will likely become part of the water tax discussions.

Provided below are two tables summarizing violations from 2011 and 2012. This provides a snap shot of the type of violations being encountered, primarily from nitrate and arsenic contamination and primarily from the smaller systems.

Table 4.16  
Percent Distribution of MCL Violations  
Based on PWS Size and Type for 2011

PWS TYPE	PWS SIZE			
Contaminant/Treatment Technique Total Violations	Percent of Total Violations			
CWS	Small	Intermediate	Medium	Large
Arsenic 133 Violations	69%	16%	13%	2%
Nitrate 48 Violations	94%	4%	2%	
Uranium 14 Violations	64%	29%	7%	
DBPs 48 Violations	69%	25%	6%	
SWTR 25 Violations	92%	4%	4%	
NTNCWS	Small	Intermediate	Medium	
Arsenic 58 Violations	95%	5%		
Nitrate 27 Violations	96%	4%		
Uranium 8 Violation	88%	12%		
DBPs 14 Violations	86%	14%		
SWTR 5 Violations	100%			
TNCWS	Small	Intermediate	Medium	
Nitrate 39 Violations	100%			
SWTR 18 Violations	100%			

Table 4.17  
Percent Distribution of MCL Violations  
Based on PWS Size and Type for 2012

PWS TYPE	PWS SIZE			
Contaminant/Treatment Technique Total Violations	Percent of Total Violations			
CWS	Small	Intermediate	Medium	Large
Arsenic 131 Violations	68%	16%	13%	3%
Nitrate 40 Violations	87.5%	7.5%	2.5%	2.5%
Uranium 21 Violations	67%	28%	5%	
DBPs 44 Violations	64%	20%	12%	2%
SWTR 27 Violations	85%	11%		4%
NTNCWS	Small	Intermediate	Medium	
Arsenic 61 Violations	90%	10%		
Nitrate 38 Violations	100%			
Uranium 6 Violation	67%	33%		
DBPs 14 Violations	86%	14%		
SWTR 5 Violations	100%			
TNCWS	Small	Intermediate	Medium	
Nitrate 46 Violations	100%			
SWTR 12 Violations	100%			

Also attached is a summary table from 2013 on projects being initiated by the SWRCB for systems serving between 15 connections and 999 connections. This is the type of information that needs to be updated with costs provided for each water system that needs improvements. This listing includes 183 systems that had various compliance issues, primarily arsenic and nitrate, which were being considered for SWRCB Funding. It appears as if the SWRCB was in the process of committing about \$100 Million by 2014 (date of the report) for investments. The report covers 96 systems, serving 58,000 customers, but the funding appears to provide support for 101 systems serving 40,147 customers; the capital expense comes out to about \$2500 per customer.

Attached are the following documents:

1. B&V Letter Scope requesting \$20,000 for the study seed funding.
2. Additional detail on B&V thoughts regarding the full study scope.
3. SWRCB Small Water System Program Plan from 2013 & 2014.



Mr. Karl W. Seckel, P.E.  
Assistant General Manager/District Engineer  
Municipal Water District of Orange County  
18700 Ward Street  
Fountain Valley, CA 92708

September 4, 2018

**Subject: Proposal to Provide Engineering Consulting Services to Assist MWDOC  
with Study of Small Non-Compliant Water Systems**

Dear Mr. Seckel:

The State of California, State Water Resources Control Board (SWRCB) has identified over 300 small water systems that chronically deliver contaminated water to customers and/or cannot supply water reliably due to unsound infrastructure or operations. These systems serve small populations (the majority serve less than 1000 customers), and are often located in rural areas or serve disadvantaged communities. As a result, these small water systems generally lack the financial and managerial resources needed to address these issues.

Over the last few years, the California State Legislature has considered several legislative proposals to solve this problem through potential changes in governance, improving access to existing funding, and establishment of new taxes that will generate revenue to subsidize the needs of these systems.

Water purveyors, water wholesalers, and statewide water industry organizations generally agree that an approach needs to be developed to help bring these water systems into compliance and improve their reliability. In their opinion, the details for how to best accomplish that warrant additional development, going beyond the legislative proposals considered to date. Within this context, the Municipal Water District of Orange County (MWDOC) is developing partnerships with other public water agencies to fund additional studies to support future legislative recommendations.



## SCOPE OF SERVICES

On August 8, 2018, Black & Veatch provided MWDOC a preliminary scope of services to gather and review available data, review technical analyses performed to date, and prepare additional technical analyses and cost estimating. Doing so is intended to provide MWDOC and its partners additional technical information to inform their efforts, and identify and lay a groundwork for additional more detailed studies that may be warranted.

This Scope of Services and corresponding budget are provided to start the study process. Since it is difficult to fully define the services and level of effort to be provided, Black & Veatch engineering consulting services on an as-needed and/or as-requested basis. For this Scope of Services, those services are expected to include:

- Gathering and review of prior studies, water quality compliance data, hydrogeologic analyses, system maps, and other background information related to small non-compliant water systems.
- Preparation for and attendance to meetings with stakeholders involved in initiatives related to the small non-compliant water system issues. This could include representatives of MWDOC, the Association of California Water Agencies (ACWA), the State Water Resources Control Board (SWRCB), and others. These meetings would be used to gather additional information and to gain insight into the perspectives of those organizations. These efforts may include travel within California when warranted.
- Preparation of brief memoranda to summarize information gathered and to define future steps for the study. Memoranda may include development of maps and figures to depict the information.
- Other services as may be identified as beneficial to the project, as directed by MWDOC.

## FEES

Based on our understanding of the project, Black & Veatch will provide the services described above on an as-needed and/or as-requested basis and billed based on the Black & Veatch standard rate schedule in effect at the time the services are provided. The upper limit budget for these services will be \$20,000. This amount will not be exceeded without prior consent of MWDOC.

Black & Veatch looks forward to an opportunity to continue our work with MWDOC. If you have any questions, do not hesitate to contact me at 949-788-4250.

Yours truly,  
BLACK & VEATCH CORPORATION

A handwritten signature in blue ink that reads "Matt Thomas". The signature is fluid and cursive, with a long horizontal stroke at the end.

Matt Thomas, P.E.  
Project Manager

## ATTACHMENT NO. 2

### General Scope Thoughts for Study Effort on Non-Compliant Water Systems

Karl/Heather:

I've been reviewing the documents you sent me and thinking about a strategy for a (between \$150k and \$200k) study that would provide value and lead to next steps. In general, I think a scope would look something like:

- Gather and Review Existing Studies and Other (Potentially) Pertinent Background Information About Overall Issues
  - It appears that a good deal of data is out there on this problem, some of which you've provided.
  - It is somewhat unclear to what extent information may have already been compiled and presented in a way that would support more engineering-focused analyses, so this effort would ultimately include summarizing or re-stating some of the key information for inclusion in our report.
  - Based on the discussions we had at your office, we'd suggest contacting and meeting with stakeholders to obtain additional background information, available data, and get their perspective on what's been done and what effort would be valuable to them. This could include CUWA, ACWA, SWRCB, and DDW (and others?).
- Assessment of Water Systems with Potential to Connect to Larger Existing Agencies
  - The documents I reviewed indicated that upwards of 2/3 of non-compliant systems may be within close proximity of larger agencies that could provide service.
  - For this assessment, we would look at a representative sample of these systems to identify what improvements would be needed to make a connection.
    - This would be high-level and conceptual only.
    - We would want to look at information about the configuration and operation of the distribution systems for both the larger and small systems, using available information. This would include information that can be readily obtained from these entities such as water system master plans, system maps, and so on. The effort to obtain this information could be provided either by us, or by MWDOC/others.
    - The idea here would be to have a relevant sampling of systems where we conceptualize facilities and associated future O&M needs, then project out a total cost to address all systems based on that sampled approach. We would want to work with you and/or other stakeholders to identify which systems (and the number of them) to include. Since 2/3 of 300 non-compliant systems is 200 systems, one could think about looking at between 5% and 10% of those to have a decent extrapolation. With the limited budget, you might start with 5%.
    - After reviewing the available information, we would schematically and conceptually identify any new facilities that would appear to be needed to make a connection. This would likely consist of piping, interconnection/pressure/flow control facilities, pumping, storage, disinfection boosting, and the like.
    - Without doing a much more detailed analysis, it would be hard to assess whether any of these individual example systems would need other upgrades to be able to support the addition of a significant number of new customers. To deal with this, we would have to provide a conceptual estimation from review of available data, discuss the potential with the affected agencies, or just put a number on it. Discussing with affected agencies would probably be the best course, but

given limited budget, we might not be able to do this without some help. Also, given where this effort stands, those agencies might be sensitive or resistant to having such a discussion.

- We would also suggest assessing the treatment technology and facility costs (capital, O&M, land acquisition, other conveyance improvements) for systems that would be connected to existing larger systems. The larger agency might be interested in adding additional water rights and supply to its portfolio, or in answer to the previous bullet, keeping these supply sources might be necessary.
- We would develop cost estimates (capital & O&M) for the concepts. We could also include soft costs; we'd suggest that MWDOC or others provide budgeting for governance, administration, etc. We are currently assuming that we would not be asked to turn calculations into a rate study at this time.
- Assessment of Stand-Alone Water Systems
  - Same as above, this would be high-level and conceptual only.
  - Again, we would want to assess a representative sampling of systems that would result in a conservative projection of costs for all systems. This could be 5 to 10 systems. Because of limited budget, probably need to err on side of fewer.
  - In this case, the data we'd seek would focus on sources of supply and contamination.
  - We would assess the treatment technology and facility costs (capital, O&M, land acquisition, other conveyance improvements).
  - We would mostly assume that all source water would have to be treated as this is a conservative approach. We could look at blending options to the extent information is available, but for purposes of this study, it is probably premature to get to that level of detail.
- Assessment of Opportunities to Interconnect Small Systems
  - This would be similar to the above analyses.
  - In this case, the focus would be on seeking opportunities to interconnect several small systems that are in close proximity. Doing so would improve reliability of these systems, but a focus would be on centralizing treatment systems to make them more cost effective.
- Infrastructure Renewal
  - We should look at not just initial construction for facilities, but also develop some simple estimation of replacement needs. We can do that based on an expected useful life calculation for new facilities and remaining useful life for existing facilities. We would have to do this at a high level with assumptions to simplify the calculation.

A concern we should discuss lies in how to assess the “sustainability” of these systems that are currently served by private entities or small agencies using groundwater. If there came to be a need to develop new wells deeper into the aquifer for example, we likely won't be able to predict if or when that would be necessary. Perhaps that just becomes part of the Infrastructure Renewal analysis with some assumptions to allow for some amount of these kinds of replacement projects.

Looking forward to discussing further.  
Matt

**Matt Thomas, P.E.\***  
Project Director, Water

\*Licensed in California

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**Building a World of Difference.\***

## SMALL WATER SYSTEM PROGRAM PLAN - COMMUNITY WATER SYSTEMS (15-999 SERVICE CONNECTIONS)

County	Water System Number (CA)	Water System Name	Primary Constituent Violating (Arsenic, Nitrate, etc.)	Population Served	Service Connections	Preliminary Determination of Disadvantaged Status	Funding Program	Appx. Amount Funded by CDPH	Obstacles (See attached list)	Comments	Proposed Solution
Butte	0400027	Foothill Mobile Home Park*	Arsenic	180	127	Disadvantaged				The WS has had a couple of high results but they are now below the MCL. Running Annual Average has been below the MCL since Jan 2010.	SOLVED - concentrations dropped below MCL
Butte	0400058	Rancho Villa Mobile Acres	Arsenic	32	21	Disadvantaged	P84	\$429,412		Pipeline connected and receiving water from Gridley	SOLVED - Consolidation w/ City
Colusa	0600013	Princeton Water District	Arsenic	356	118	Disadvantaged				Per DE, water system has rehabbed the well and MCL is below the RAA	SOLVED - Well mod to seal off arsenic zone
Fresno	1000366	Sunnyside Convalescent Hosp	Nitrate	107	22	non-disadvantaged				Modifications were made to the well to seal out nitrate producing zone. Nitrate result in January 2012 was 13 mg/L	SOLVED - Well mod to seal off nitrate zone
Fresno	1000472	PG&E Helms Support Facility	Arsenic	40	38	non-disadvantaged				Completed installation of As treatment - permit issued Dec 2012	SOLVED - Arsenic treatment
Fresno	1000585	Murrieta/ Hernandez Farms	Nitrate	29	10	severely disadvantaged				Compliance has been achieved with construction of a new well.	SOLVED - drilled new well
Fresno	1010030	Tranquility Irrigation District	Arsenic	800	342	Disadvantaged	P84	\$5,005,100		P84 feasibility study complete Dec 2011, P84 construction FA exec Nov 2012, Ag wells complete, As wells inactivated, system currently	Convert 2 ag wells to domestic & construct Fe/Mn treatment
Inyo	1400004	Charles Brown Water Company	Arsenic	330	100	Disadvantaged				Data in PICME states that the water system was RTCD by LPA as of 1/1/2012. This water system has RTC per Inyo LPA . Changed all RO filter cartridges per kathe Barton.	SOLVED - changed RO filter cartridges
Monterey	2700706	Queen Motel	Nitrate	250	70	Disadvantaged	P84	\$1,033,000		Has executed P84 FA, moving on to Phase 2 of construction project to consolidate Lonoak WS. Queen Motel has returned to compliance	SOLVED - consolidation into Cal Water King City
Monterey	2701670	Langley Cyn/Vaile Pacifico	Arsenic	81	27	non-disadvantaged				Treatment installed and approved. Finalizing TMF, then permit	SOLVED - Installed treatment
Nevada	2910011	Playada Community Association	Arsenic	478	240	Disadvantaged				Per DE, Coagulation treatment was installed in 4th quarter 2011 and has 3 quarters of data in WQI that are non-delect. EPA will send termination letter of the EPA AO to the DE and will enter the OX action in ODS.	SOLVED - Installed treatment
Orange	3000662	Catalina Street Pump Owners	Nitrate	150	54	severely disadvantaged	P84	\$441,651		P84 R3 - construction (FA executed 2/16/2012 - completed)	SOLVED - consolidation w/ City of
Orange	3000663	Diamond Park MWC	Nitrate	200	72	severely disadvantaged	P84	\$1,121,727		P84 R3 - construction (FA executed 2/16/2012 - completed)	SOLVED - consolidation w/ City of Santa Ana
Placer	3100033	Tahoma Meadows MWC	Arsenic	120	43	non-disadvantaged				Finished construction of consolidation project with Tahoe City PUD Nov 2013. Didn't need SRF funding.	SOLVED - consolidation w/ Tahoe City PUD
Riverside	3301755	Sunbird MHP	Arsenic	258	86	severely disadvantaged	P84	\$510,340		P84 R1 - feasibility study (complete 6/21/2011). Construction FA executed 12/6/2011.	SOLVED - consolidation w/ Coachella Valley WD
Sacramento	3400149	Rancho Marina	Arsenic	250	77	Disadvantaged				Completed construction of arsenic treatment facility; results look good but LPA will RTC after 4 quarters of data.	SOLVED - Install treatment
San Bernardino	3610002	Alpine Water Users Association	Uranium	3000	936	non-disadvantaged				Installed Ion-Exchange treatment on one well and shut down another.	SOLVED - IX treatment

County	Water System Number (CA)	Water System Name	Primary Constituent Violating (Arsenic, Nitrate, etc.)	Population Served	Service Connections	Preliminary Determination of Disadvantaged Status	Funding Program	Appx. Amount Funded by CDPH	Obstacles (See attached list)	Comments	Proposed Solution
Santa Cruz	4400595	Villa Del Monte	Surface Water	350	117	non-disadvantaged	SRF	\$1,156,328		Project has been successfully funded by SRF and was Certified Complete on 10/31/2011. System has returned to compliance. Previously purchased water from Montevina until treatment plant was completed. As of Sept 2011, surface water treatment plant online.	SOLVED - installed treatment
Santa Cruz	4400598	Pure Source	Source Capacit	450	79	non-disadvantaged				System has fixed their capacity issue with an emergency intertie with nearby system	SOLVED - new tank and intertie
Sonoma	4900723	Shamrock MHP	Arsenic	188	131	non-disadvantaged				completed treatment install - lowered As levels;	SOLVED - Installed treatment
Sonoma	4900845	Rancho De Sonoma	Arsenic	130	98	Disadvantaged	P84	\$1,148,432		Project has executed P84 FA. Construction complete and back in compliance	SOLVED - consolidation w/ City of Sonoma
Tulare	5400660	Lake Success Mobile Lodge	Nitrate	20	18	severely disadvantaged			F10	Installed Ion-Exchange treatment	SOLVED - IX well treatment
Tulare	5400663	Fairways Tract Mutual	Nitrate	250	58	severely disadvantaged	P84	\$916,105		Water system consolidated with the City of Porterville on 12-12-11	SOLVED - consolidation w/ City of Porterville
Tulare	5402047	Gleanings For The Hungry	Nitrate	31	12	severely disadvantaged			M4,5; F10	Using POU for years to deliver clean water	SOVLED - POU
Fresno	1010028	Riverdale PUD	Arsenic	2416	949	Disadvantaged	SRF-P84	\$8,800,000		P84 Exc FA 3/9/11, P84 planning complete. SRF-P84 construction FA	Drill new well and install
Fresno	1010039	Caruthers CSD	Arsenic	2103	678	severely disadvantaged	P84	\$5,160,041		exec Dec 2013; USDA funding new well #6 P84 R2 - feasibility study (complete 12/14/2011). Construction FA exec March 2013	Drill new well and blend or treat depending on results
Kern	1500373	Seventh Standard Mutual	Nitrate	66	22	Disadvantaged	P84	\$2,011,730		P84 Exc FA (001), P84 planning complete, P84 construction FA exc April 2013	Consolidation with Oildale Mutual Water Company
Kern	1500405	Aerial Acres Water System	Arsenic	112	60	severely disadvantaged	P84	\$2,192,863		P84 R1 - feasibility study (completed 7/2/12). P84 construction FA exc May 2013	Drill new well and install treatment.
Kern	1500461	Fountain Trailer Park Water	Arsenic	68	32	Disadvantaged	P84	Shared FA w/ North Edwards	M2	This water system is part of the North Edwards Water District Regional Consolidation project; P84 construction FA exc April 2013	Part of Regional consolidation w/ North Edwards
Kern	1510052	North Edwards Water District	Arsenic	550	220	Disadvantaged	P84	\$5,400,000	M2	P84 R2 - feasibility study complete, Construction FA exc April 2013. Regional consolidation includes Fountain Trailer Park	Drilling a new well, and installation of arsenic treatment
Kings	1600004	Four Seasons MHP	Arsenic, DBCP	350	88	severely disadvantaged	P84	\$4,500,000		P84 feasibility study complete, P84 construction FA exec Dec 2013. Part of Hanford Regional project.	consolidation w/ Hanford
Kings	1600504	Hamblin MWC	Arsenic	80	39	Disadvantaged	P84	Shared FA to Hanford -		P84 feasibility study complete, P84 construction FA exec Dec 2013. Part of Hanford Regional project.	consolidation w/ Hanford
Madera	2000557	MD #43 Miami Creek Knolls	Nitrate	100	26	severely disadvantaged	P84	\$3,826,000		P84 feasibility study complete - construction FA exc Jan 2014	New well and connect to MD-60
Monterey	2701278	Rancho Chaparral MWC	Surface Water	48	16	non-disadvantaged	P50	\$607,000		P50 construction FA exc Feb 2013. P84 emergency funding	Install treatment
Monterey	2701898	Clear Ridge Water Association	Surface Water	123	41	non-disadvantaged	P50	\$458,000		P50 construction FA exc 2013	Install treatment

County	Water System Number (CA)	Water System Name	Primary Constituent Violating (Arsenic, Nitrate, etc.)	Population Served	Service Connections	Preliminary Determination of Disadvantaged Status	Funding Program	Appx. Amount Funded by CDPH	Obstacles (See attached list)	Comments	Proposed Solution
Monterey	2702762	Lonoak Road Water System	Nitrate	25	3	non-disadvantaged	P84	\$1,033,000		P84 exc construction FA Phase 2 of Queen Motel Project	Consolidation w/ Cal Water Service Company, King City
San Bernardino	3610007	Baseline Gardens MWC	Nitrate	1300	424	severely disadvantaged	SRF-P84	\$6,475,000		SRF-P84 cotund FA exc Feb 2013	Consolidation w/ East Valley WD
San Diego	3700923	Lake Morena Oak Shores MWC	Nitrate	700	205	Disadvantaged	P84	\$1,069,000		P84 Exc FA - feasibility project complete. USDA will fund construction of IX nitrate treatment facility - projected completion summer-fall 2014. P84 construction project will fund consolidation of RV Park into Lake Morena exc Nov 2013	Nitrate treatment
Santa Barbara	4210009	Cuyama CSD	Arsenic	800	229	severely disadvantaged	P84	\$830,611		P84 construction FA exc Feb 2013	Correct deficiencies with treatment facilities to bring it back into operation
Santa Cruz	4400631	Las Cumbres	Surface Water	337	122	non-disadvantaged	P50	\$1,253,000		P50 construction FA exc April 2013	Install treatment
Shasta	4500022	Hat Creek Water Company	Surface Water	198	62	severely disadvantaged	P50	\$814,000		P50 construction FA executed 8/28/12	Install treatment
Sutter	5100102	El Margarita MWC	Perchlorate	246	82	Disadvantaged	P84	\$7,000,000		P84 Yuba City regional consolidation project - Construction FA exc August 2013	Consolidation w/ Yuba City
Sutter	5100109	Wildewood MWC	Arsenic	255	85	non-disadvantaged	P84	Shared FA to Yuba City - See EI		P84 Yuba City regional consolidation project - Construction FA exc August 2013	Consolidation w/ Yuba City
Trinity	5301002	Lewiston CSD	Arsenic	150	37	severely disadvantaged	SRF-P50-P84	\$5,228,000		P84 const FA exc 10/11/12 - relocate raw water intake to address As; SRF/P50 construction FA exc Feb 2014 - replace plant and storage tank. P84 emergency grant	Relocate raw water intake and construct new treatment facility
Tulare	5400957	West Goshen MWC	Nitrate	200	69	severely disadvantaged	SRF	\$3,530,000		SRF Construction FA exc October 2013; Received P84 interim supply funding	Consolidation w/ Cal Water Visalia
Tulare	5410033	Pratt MWC	Arsenic	1500	279	severely disadvantaged	SRF-P84	\$5,400,000		SRF-Executed (003P), P84-Executed (003P) P84 R1 - feasibility study (complete 5/16/2012) P84 Construction FA exc August 2013	Consolidation w/ City of Tulare
Tulare	5410052	LSID - El Rancho	Surface Water	150	25	Disadvantaged	P84	\$1,204,143		P84 feasibility (exc 6/28/10) completed; P84 construction FA exc April 2013	Connect to City of Lindsay
Inyo	1400037	Foothill Lone Pine MHP, LLC	Arsenic	100	48	Disadvantaged				This water system is working on installing treatment - work has stalled, owner hasn't applied for final approval of building permits from Housing & Comm Development Dept. LPA is working with system.	Install treatment
Kern	1500540	Pinon Hill Water Company	Arsenic	80	37	non-disadvantaged				The Water Company has installed arsenic removal treatment using its own funds; DE working with the system to fix plant deficiencies	Install arsenic treatment
Kern	1500364	KRVWC - Kernvale MWC	Arsenic	26	25	severely disadvantaged	P84	\$73,000		The water system has Prop 84 planning FA to consolidate with the neighboring Erskine Creek Water Company. Planning project complete. P84 construction app under review	Consolidation with Erskine Creek Water Company
Kern	1500588	Son Shine Properties	Nitrate	500	106	Disadvantaged	P84	\$465,240		P84 planning complete, P84 construction app under review	DI Giorgio/ Son Shine Consolidation into Arvin CSD
Madera	2010012	Hillview Water Company - Raymond	Nitrate	243	84	Disadvantaged	P84	\$500,000		P84 R3 - feasibility study complete, P84 construction app under review	New well or blending or treatment



County	Water System Number (CA)	Water System Name	Primary Constituent Violating (Arsenic, Nitrate, etc.)	Population Served	Service Connections	Preliminary Determination of Disadvantaged Status	Funding Program	Appx. Amount Funded by CDPH	Obstacles (See attached list)	Comments	Proposed Solution
Monterey	2701068	Iverson & Jackson Apartments	Nitrate	150	31	severely disadvantaged	P84	\$260,000		P84 R3 - feasibility study (FA executed 5/21/2012) to prepare plans/specs for new well. P84 construction app under review	New Well
Sonoma	4900676	Sequoia Gardens MHP	Arsenic	300	191	Disadvantaged	P84	\$500,000		P84 R2 - feasibility study complete - invited to submit P84 construction app. Part of City of Santa Rosa regional consolidation project	Consolidation w/ City of Santa Rosa
Sonoma	4900855	West Field Community (Lancelot MHP)	Arsenic	75	29	Disadvantaged	P84	Shared FA to Santa Rosa - See Sequoia		P84 R2 - feasibility study complete - invited to submit P84 construction app. Part of City of Santa Rosa regional consolidation project	Consolidation w/ City of Santa Rosa
Sonoma	4901195	Moorland Avenue Apartments	Arsenic	64	16	Disadvantaged	P84	Shared FA to Santa Rosa - See Sequoia		P84 R2 - feasibility study complete - invited to submit P84 construction app. Part of City of Santa Rosa regional consolidation project	Consolidation w/ City of Santa Rosa
Tulare	5400542	Ducor CSD	Nitrate	850	125	severely disadvantaged	SRF-P84	\$138,850		P84 construction app under review	New Well
Tulare	5400735	Rodriguez Labor Camp	Nitrate	110	35	severely disadvantaged	P84	Shared FA w/ Richgrove		P84 R2 - feasibility study complete; P84 construction LOC. Part of Richgrove CSD consolidation project	Drill new well, blend with existing wells, consolidate Rodriguez into Richgrove
Tulare	5410024	Richgrove CSD	Nitrate	3330	520	severely disadvantaged	P84	\$100,000		P84 R2 - feasibility study complete; P84 construction LOC. Part of Rodriguez Labor Camp Project	Drill new well, blend with existing wells, consolidate Rodriguez into Richgrove
Colusa	0600008	Colusa Co. Water District #01 - Grimes	Arsenic	500	104	severely disadvantaged	SRF	\$50,000	T8	SRF application submitted and under review - pilot study underway to determine filter media; currently finalizing pilot study reports; Emergency interim FA exec May 2014	Treatment Plant
Contra Costa	0707602	Beacon West	Arsenic	45	17	severely disadvantaged	SRF			Submitted SRF construction app July 2013 - review underway	Drill new well
Fresno	1000248	Double L Mobile Ranch Park	Uranium	80	37	severely disadvantaged	SRF		M4,5; F10	City of Kerman applying for SRF on behalf of Double L for consolidation SRF construction app under review	Consolidation w/ Kerman
Kern	1500458	R.S. MWC	Arsenic, Uranium	25	25	severely disadvantaged	P84			P84 construction app under review	Consolidation with CWS Kernville
Riverside	3301380	St. Anthony Trailer Park	Arsenic	280	95	severely disadvantaged	P84			P84 Emergency Grant of \$250,000 to finish the newly drilled well and connect it to the system so the existing artesian well can be shut down - complete. P84 construction app review underway - most of design complete but having trouble finding NSF approved As treatment plant	New primary well and arsenic treatment
Sacramento	3400332	Oxbow Marina	Arsenic	200	95	Disadvantaged	P84			P84 LOC issued. P84 will issue FA once system meets LOC conditions. Plans/specs development underway	Connect to CalAm Isleton
Santa Cruz	4400581	Olympia Mutual	Surface Water	155	51	non-disadvantaged	SRF			SRF construction FA issued May 2014	Consolidation w/ San Lorenzo Valley WD
Stanislaus	5000051	Mobile Plaza Park	Arsenic	125	50	severely disadvantaged	SRF		F8a,10,12	Part of Keyes consolidation project, SRF app submitted Dec 2013 - review underway	Consolidation w/ Keyes
Stanislaus	5000085	Green Run Mobile Estates	Arsenic	100	46	non-disadvantaged	SRF		M1, F10	Part of Keyes consolidation project, SRF app submitted Dec 2013 - review underway	Consolidation w/ Keyes
Stanislaus	5000086	Countryside Mobile Home Estates - Adult P	Arsenic	60	44	Disadvantaged	SRF		F1,2,10,12 ; MZab	Part of Keyes consolidation project, SRF app submitted Dec 2013 - review underway	Consolidation w/ Keyes
Stanislaus	5000217	Faith Home Teen Ranch	Nitrate	50	7	non-disadvantaged	SRF			Part of Keyes consolidation project, SRF app submitted Dec 2013 - review underway	Consolidation w/ Keyes

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Stanislaus	5000389	Monterey Park Tract CSD	Nitrate, Arsenic	186	50	severely disadvantaged	P84	\$50,000	T14.21; M7a,b,c,g; F11	P84 R3 - construction (LOC issued 4/27/2012). P84 will issue FA once system meets LOC conditions. Received P84 Interim supply funding	Interconnect to City of Ceres
Tulare	5400665	Del Oro - River Island Service Territory #01	Nitrate, Uranium	810	340	Disadvantaged	SRF			SRF application submitted and under review, system currently negotiating pipeline easement prior to finalizing design	New surface water treatment plant to serve Terr #1 and #2 as one system
Tulare	5402048	Del Oro - River Island Service Territory #02	Nitrate	60	30	non-disadvantaged	SRF			SRF application submitted and under review, system currently negotiating pipeline easement prior to finalizing design	New surface water treatment plant to serve Terr #1 and #2 as one system
Fresno	1000053	Lanare CSD	Arsenic	660	172	severely disadvantaged	P84	\$550,000		P84 Emerg FA (2EA) (dp), P84 planning study FA exc Dec 2012, SRF 005C Project is for meters, P84 planning to solve problem will incorporate info from SRF meter project. Emergency Interim FA exec March 2014	Connect to Riverdale or rehab existing treatment plant or new well
Fresno	1000369	Zonneveld Dairy	Arsenic	139	19	severely disadvantaged	P84	\$488,000		P84 planning FA exc April 2013. Received P84 Interim supply funding	POU or treatment
Kern	1500378	Maher MWC	Arsenic	150	50	non-disadvantaged	P84	\$295,000		P84 feasibility FA exc Feb 2013 - consolidation with Vaughn WC	Consolidation with Vaughn WC
Kern	1500424	Lands of Promise Mutual Water Association	Arsenic	190	65	non-disadvantaged	SRF-P84	Shared FA to Rosamond - see 60th		This water system is part of the Rosamond CSD Regional Consolidation project. P84 planning exec May 2013.	Consolidation with Rosamond CSD
Kern	1500436	Hungry Gulch Water System	Arsenic	37	19	severely disadvantaged	P84	\$527,000		P84 R2 - 2nd feasibility study (FA executed Aug 2013). Consolidation with Boulder Canyon WA (see #37).	Consolidate w/ Boulder Canyon and drill new well, treatment if necessary
Kern	1500449	Fourth Street Water System	Arsenic	25	25	severely disadvantaged	P84	\$410,000		P84 R3 - feasibility study (FA executed 9/21/12)	New well or treatment
Kern	1500455	William Fisher Memorial Water Company	Arsenic	51	17	non-disadvantaged	SRF-P84	Shared FA to Rosamond - see 60th		This water system is part of the Rosamond CSD Regional Consolidation project. P84 planning exec May 2013.	Consolidation with Rosamond CSD
Kern	1500493	El Adobe POA, Inc.	Arsenic	200	77	severely disadvantaged	P84	\$499,821		P84 feasibility FA exc June 2013	Consolidation w/ Lamont or Greenfield and/or new well/rehab existing well
Kern	1500494	Wilson Road Water Community	Nitrate	72	20	Disadvantaged	P84	Shared FA to East Niles -		This system is part of East Niles CSD Regional Consolidation Project; P84 planning FA executed	Consolidation with East Niles CSD
Kern	1500521	Boulder Canyon Water Association	Arsenic	29	24	severely disadvantaged	P84	Shared FA w/ Hungry Gulch		P84 R2 - 2nd feasibility study (FA executed Aug 2013) consolidation with Hungry Gulch WS. Needs 2nd planning FA. P84 emergency funding.	Consolidate w/ Hungry Gulch and drill new well, treatment if necessary
Kern	1500525	Lakeview Ranchos MWC	Arsenic	120	75	severely disadvantaged	P84	\$467,500		P84 feasibility FA exc June 2013	Consolidation or new well or blending or treatment

County	Water System Number (CA)	Water System Name	Primary Constituent Violating (Arsenic, Nitrate, etc.)	Population Served	Service Connections	Preliminary Determination of Disadvantaged Status	Funding Program	Appx. Amount Funded by CDPH	Obstacles (See attached list)	Comments	Proposed Solution
Kern	1500571	Lucky 18 on Rosamond, LLC	Arsenic	73	60	non-disadvantaged	SRF-P84	Shared FA to Rosamond - see 60th		This water system is part of the Rosamond CSD Regional Consolidation project. P84 planning exec May 2013.	consolidation with Rosamond CSD
Kern	1500575	San Joaquin Estates Mutual	Nitrate	165	61	non-disadvantaged	P84	Shared FA to East Niles - See East		P84 R2 - feasibility study (FA executed 4/19/2012). Part of East Niles CSD regional consolidation project	Consolidation with East Niles CSD
Kern	1502383	Nord Road Water Association	Arsenic	39	16	non-disadvantaged	P84	Shared FA to Vaughn - See Maher		P84 feasibility FA exc Feb 2013 - consolidation with Vaughn WC	consolidation with Vaughn WC
Kern	1502569	First Mutual Water System	Arsenic	40	15	non-disadvantaged	SRF-P84	Shared FA to Rosamond - see 60th		This water system is part of the Rosamond CSD Regional Consolidation project. P84 planning exec May 2013.	Consolidate with Rosamond CSD.
Kern	1502699	East Wilson Road Water Company	Nitrate	35	14	Disadvantaged	P84	\$469,000		This system is part of East Niles CSD Regional Consolidation Project; P84 planning FA exc 4/19/12	Consolidation with East Niles CSD
Kern	1502724	Quail Valley Water District - Eastside System	Arsenic	60	19	non-disadvantaged	P84	\$498,532		P84 R3 - feasibility study (FA executed 10/1/12)	Consolidation with QVWD-Westside System, redevelop existing Westside well and treat if necessary
Kern	1502744	60th Street Association Water System	Arsenic	44	9	Disadvantaged	SRF-P84	\$1,500,000		This water system is part of the Rosamond CSD Regional Consolidation project. P84 planning exec May 2013.	Consolidation with Rosamond CSD
Kern	1510002	Boron CSD	Arsenic	2500	631	severely disadvantaged	SRF	\$427,000	F12	SRF FA Exec Jan 2014	Treatment on a new well
Kern	1510016	Rand Communities CWD - Randsburg	Arsenic	931	295	severely disadvantaged	P84	\$435,000		P84 R3 - feasibility study (FA exc Oct 2012)	New well or treatment
Kern	1510054	Pinon Pines MWC	Arsenic, Fluoride	720	272	Disadvantaged	P84	\$477,500		P84 2nd planning FA for more time to complete pilot study and plans (exc June 2013)	treatment
Kings	1600507	Hardwick Water Group	Uranium	40	16	Disadvantaged	P84	\$391,220		P84 planning FA exc Dec 2012. Received P84 interim supply funding	New well, possibly treatment
Kings	1610009	Kettleman City CSD	Arsenic	1499	349	severely disadvantaged	SRF-P84	\$1,134,000		2nd Planning funding agreement executed - cofund P84/SRF. Received P84 interim supply funding.	New SWTP
Madera	2000506	Sierra Linda MWC	Uranium	180	89	severely disadvantaged	P84	\$495,000		P84 R2 - 2nd feasibility study (FA executed Nov 2012)	New well or treatment
Madera	2000550	MD #06 Lake Shore Park	Arsenic, Uranium	130	45	severely disadvantaged	SRF-P84	\$500,000		SRF & P84 R3 - feasibility study (FA executed 3/30/2012)	New well and/or treatment
Madera	2000551	MD #07 Marina View Heights	Arsenic, Uranium	200	74	severely disadvantaged	P84	\$500,000		P84 R3 - feasibility study (FA executed 4/24/2012)	New well and/or treatment
Madera	2000561	MD #08 North Fork Water System	Arsenic	264	80	severely disadvantaged	SRF	\$320,000	F12	SRF planning FA exc August 2013	New well and/or treatment
Madera	2000737	MD #42 Still Meadow	Gross Alpha, Arsenic	100	34	Disadvantaged	P84	\$278,000		P84 R3 - feasibility study (FA executed 6/26/12)	Consolidation w/ Hillview WC
Mono	2600622	Sierra East Home Association	Arsenic	50	29	severely disadvantaged	SRF	\$266,450	F12	SRF FA Exec Jan 2014	New well or treatment or consolidation
Monterey	2701036	Apple Avenue Water System #03	Nitrate	60	20	Disadvantaged	P84	\$67,000	M1	P84 planning FA exc June 2013 to prepare for consolidation with City of Greenfield	Consolidation with City of Greenfield

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Monterey	2701676	San Lucas County WWD	Nitrate	500	103	severely disadvantaged	SRF	\$440,000	F12	SRF planning FA exec Oct 2013	New well or treatment or consolidation
Riverside	3302093	County Water of Riverside	Nitrate	180	47	Disadvantaged	P84	\$500,000		FA revoked as system failed to comply with funding conditions. Applied for P84 emergency grant funds. 2nd feasibility FA exc Sept 2013	Consolidation with Elsinore Valley MWD and Eastern MWD
Sacramento	3400138	Locke Water Works Company	Arsenic	65	55	severely disadvantaged	SRF	\$150,000	F8a;O4	SRF planning FA exc Dec 2013	Consolidation or treatment
Sacramento	3400172	Tokay Park Water Company	Perchlorate	525	190	Disadvantaged	P84	\$270,000		P84 R3 - feasibility study FA exc Oct 2012	Consolidation or new well or treatment
San Bernardino	3600196	San Bernardino CSA 70 W- 4	Arsenic, Uranium	625	125	severely disadvantaged	P84	\$380,000		P84 Planning FA exc 9/6/12	Interconnect with Hi Desert WWD
San Joaquin	3900579	Century MHP	Arsenic	50	16	Disadvantaged	P84	\$373,500	M1	P84 Planning FA exc May 2013	Consolidation w/ Stockton or new well or treatment
Santa Clara	4300630	Foothill Mutual Water	Nitrate	28	12	Disadvantaged	P84	\$231,000		P84 Planning exc 1/23/12	New well, possibly treatment
Sonoma	4900568	Valley Ford Water Association	Nitrate	40	16	severely disadvantaged	P84	\$485,000		P84 R3 - feasibility study (FA executed 6/7/2012).	New well or blending or treatment
Sutter	5100107	Sutter Co WWD #01 (Robbins)	Arsenic	350	93	severely disadvantaged	P84	\$500,000		P84 FA exc 11/28/12	New well, possibly treatment
Tehama	5200550	New Orchard MHP	Arsenic	56	43	Disadvantaged	P84	\$260,000		P84 feasibility app under review	New well or treatment or consolidation w/ Los Molinos
Tehama	5210003	Los Molinos CSD	Arsenic	1500	352	severely disadvantaged	P84	\$202,000		P84 planning FA exc Nov 2013	New well and blending or treatment
Tulare	5400544	Allensworth CSD	Arsenic	400	110	severely disadvantaged	SRF	\$390,000		SRF planning FA exc April 2013	New well or treatment
Tulare	5400550	Seville Water Company	Nitrate	400	77	severely disadvantaged	P84	\$1,040,000		P84 and SRF planning FAs exc Nov 2012 and Oct 2013 to assist both Seville and Yettem find a solution. Pending P84 emergency supply funding	New source to serve both Seville and Yettem
Tulare	5400567	Tooleville Water Company	Nitrate	300	75	severely disadvantaged	SRF	\$500,000		RTCd for nitrate violations on 9/2010. RAA currently right below MCL for both wells. SRF Planning FA exc June 2013; Interim emergency FA exc April 2014	New well, interim POU
Tulare	5400651	Beverly Grand Mutual Water	Nitrate	108	28	severely disadvantaged	P84	\$113,000		P84 R2- feasibility study (FA executed 1/14/2012). Consolidation with City of Porterville.	Consolidation w/ City of Porterville
Tulare	5401003	East Orosi CSD	Nitrate	700	106	Disadvantaged	P84	\$522,000		P84 R3 - feasibility study FA exc 11/16/12; Received P84 interim supply funding	Rehab wells or interconnect w/ Orosi or drill new well
Tulare	5401038	Akin Water Company	Nitrate	50	22	Disadvantaged	P84	\$91,000		2nd P84 planning FA exc Jan 2014	Consolidation w/ Porterville
Tulare	5403043	Yettem	Nitrate	350	64	Disadvantaged	P84	Shared FA w/ Seville		P84 and SRF planning FAs exc Nov 2012 and Oct 2013 to assist both Seville and Yettem find a solution.	New source to serve both Seville and Yettem
Tulare	5410007	LSID - Tonyville	Nitrate	350	50	Disadvantaged	P84	\$257,000		P84 feasibility study complete but City of Lindsay cannot provide water due to their own issues; awaiting City of Lindsay SRF project	Interconnect with City of Lindsay
Tulare	5410009	Pixley PUD	Arsenic	2586	817	severely disadvantaged	P84	\$500,000		P84 R3 - feasibility study FA executed 8/14/12	Drill new well or install treatment

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Tulare	5410050	Alpaugh CSD	Arsenic	910	350	severely disadvantaged	P84	\$153,265		P84 Exc FA May 2010 but will need 2nd FA	Install arsenic treatment
Colusa	0600011	Del Oro Water Company - Walnut Ranch	Arsenic	182	78	non-disadvantaged	SRF			City of Colusa to submit app on behalf of Walnut Ranch. SRF planning application submitted April 2013 - review underway	Consolidation w/ City of Colusa
Fresno	1000042	FCVWD #40 - Shaver Springs	Arsenic, Gross Alpha, Uranium	160	64	non-disadvantaged	SRF			In SRF pipeline, NOAA issued July 2013	New well
Inyo	1400036	Keeler CSD	Arsenic	180	88	severely disadvantaged	SRF		M5	SRF FA issued 6/18/12 but system didn't sign. Wanted to add POU but haven't come up with proposal yet	New well or treatment
Kern	1510027	Desert Lake CSD	Arsenic	600	249	Disadvantaged	SRF		M2	SRF planning application under review, pending water rate study	New well and treatment
Los Angeles	1900785	Mitchell's Avenue MHP	Arsenic	35	24	severely disadvantaged	P84			P84 feasibility app under review	
Madera	2000785	Valley Teen Ranch	Arsenic	50	4	non-disadvantaged	SRF		F1, 13	SRF planning application submitted April 2013 - review underway	New well, treatment and/or consolidation
Monterey	2700686	Garlen Court Water System	Nitrate	69	23	non-disadvantaged	SRF	\$52,000	F7, M9	SRF app stalled - system doesn't have ownership docs, received pre-planning funds to complete ownership docs	New well or treatment
Monterey	2700771	Springfield MWC	Nitrate	200	42	severely disadvantaged	SRF	\$37,000		Plan to proceed with SRF since IRWM couldn't fund the project. Originally submitted SRF planning app April 2013 - held during IRWM determination; Received P84 interim supply funding	New well
Sacramento	3400164	Vieira S Resort, Inc.	Arsenic	150	107	Disadvantaged	SRF		M1	SRF planning app under review	Well mods or new well or treatment
Santa Clara	4301004	Emerald Valley MWC	Nitrate	35	13	non-disadvantaged	SRF			SRF planning application submitted March 2013 - under review; next to City of Gilroy but outside of service area - Gilroy not interested	New well, possibly split potable and irrigation distribution
Stanislaus	5000033	Cobles Corner	Arsenic	50	20	non-disadvantaged	SRF		T13; F1,2,10; M1a	Privately owned - SRF loan appears unaffordable - looking for public consolidation option. Interested in a potential regional consolidation with Hughson. Income Survey underway	Consolidation w/ City of Hughson
Tulare	5400616	Lemon Cove Water Company	Nitrate	200	50	Disadvantaged	SRF			Processing SRF application for planning FA, waiting for Sequoia School test well data	
Tulare	5400682	Plainview MWC - Central Water Company	Nitrate	170	42	severely disadvantaged		\$46,000		Purchased by Plainview MWC April 2012. Still need to connect. Submitted SRF planning application Sept 2013 - under review; Received P84 interim supply funding	Consolidation w/ Plainview MWC
Tulare	5400805	Souls MWC	Nitrate	100	36	Disadvantaged	P84				
Contr Costa	0707615	Doubletree Ranch Water System	Arsenic	49	18	non-disadvantaged				According to the LPA, WS still has arsenic violations. They are also having to deal with water shortage problems. They will try to resolve the problems themselves and may not need funding. LPA will check with the WS and confirm. Non-responsive to SRF invites	Adsorption treatment plant
Fresno	1000238	Camden Trailer Park	Arsenic	75	25	Disadvantaged		\$50,000	F10	Plan to proceed with POU for arsenic MCL compliance - not interested in SRF funding. Applied for P84 emergency funding	POU?
Fresno	1000445	Linda Vista Farms	Uranium	61	24	severely disadvantaged		\$29,000	F10	Will test ag wells to use as replacement source. If solution isn't feasible, will drill new well. Received P84 interim supply funding	New source
Los Angeles	1910246	Land Project MWC	Arsenic	1500	504	non-disadvantaged			F1,8c	1st well modification completed successfully. System likely to modify 2nd well & possibly blend. Funding not needed.	Well modification
Madera	2000512	East Acres MWC	Arsenic	250	81	severely disadvantaged				Withdrew from P84 - not seeking consolidation as alternative	

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Madera	2000524	Sky Acres MWC	Arsenic	90	50	Disadvantaged				CRWA has offered assistance with the pre-app and has yet to hear from the water system. Currently blending (informal proposal), current data shows system below the MCL.	Blending
Madera	2000552	MD #24 Teaford Meadow Lakes	Arsenic	150	66	non-disadvantaged				System no longer out of compliance for As - deepened a well and can blend to stay below MCL. Requested bypass from SRF.	
Mono	2610003	Bridgeport PUD	Arsenic	850	281	Disadvantaged				SRF NOAA only to raise rates - issued August 2013; system did not sign the NOAA and has withdrawn from funding	Coagulation/filtration treatment
Monterey	2700665	Oak Heights W & R Co. Inc.	Nitrate	66	22	non-disadvantaged				non-responsive to SRF invites. System may be able to blend. If blending proves viable, they will likely not need SRF.	Blending
Monterey	2700738	San Miguel Water System	Nitrate	100	34	non-disadvantaged			M1b	System requested bypass to self-fund feasibility study. Will re-apply for construction later	New well
Monterey	2701063	River Rd. #25	Nitrate	65	19	severely disadvantaged		\$20,000	T14	Salinas Valley Labor Camp. Across the street from City of Gonzales but outside of service area - Gonzales absolutely not interested in consolidation; Received P84 emergency interim funding	
Monterey	2701241	Encinal Rd. WS #1	Nitrate	41	18	non-disadvantaged				County states that POU is installed on several connections several years ago, but not permitted. Can't find nearby wellsite with clean water. Monterey Co ordinance prevents compliance through POU.	
Monterey	2701926	Moro Rd. #9	Arsenic/Nitrate	210	70	non-disadvantaged			T10	Drilled a well and RTC for nitrate but still out of compliance for As. Planned to blend but it didn't work. Responded to latest SRF invite but did not submit application	
Monterey	2701959	Tierra Vista	Arsenic	57	19	non-disadvantaged				As treatment may be possible. System has compliance agreement. Responded to latest SRF invite but did not submit application	
Monterey	2702003	Vierra Meadows	Arsenic	75	25	non-disadvantaged				Well 1 back in compliance - not well 2. SRF planning application submitted April 2013 - app deemed incomplete	
Monterey	2702439	Woodland Heights MWC	Arsenic	57	19	Disadvantaged				back in compliance. Fine-tuning treatment plant. Finished water slightly below MCL	fine-tune treatment plant
Plumas	3210011	Plumas Eureka CSD	Arsenic	1785	547	non-disadvantaged				Recently drilled 2 test wells - both exceed As MCL. Just started pilot study, results expected Aug 2013 w/ preferred alternative	Treatment
Riverside	3301482	Ortega Oaks RV Park & Campground	Arsenic	25	80	non-disadvantaged				Compliance Order was issued 9/1/2010 for well exceeding arsenic MCL. Invited to submit application in 2011 and 2012, but bypassed. System plans on solving project without SRF funding. Attempted to inactivate well with As issues and activate 2 standby wells but the two wells didn't produce enough water. System is currently working on a blending plan and will evaluate treatment if blending isn't feasible.	
Sacramento	3400433	Edgewater MHP	Arsenic	29	35	Disadvantaged				Applied to drill a new well in Nov 2013, under County review	
San Diego	3701341	Butterfield Oaks MHP	Nitrate	120	45	severely disadvantaged			T13; F1, 10	Financial hardship, continuous bottled water, private for profit, no nearby systems for consolidation; submitted SRF planning app Sept 2013 - deemed incomplete, missing ownership docs and financials	
San Joaquin	3900649	Glenwood MHP	Nitrate	100	50	severely disadvantaged			F10	Owner will drill new well without CDPH funding. Project completion around March 2014	New well
Sierra	4600019	Sierra Co WWD #01 Calpine	Arsenic	225	142	non-disadvantaged				non-responsive to SRF invites. Test well had As. Hired engr firm, currently doing pilot study for treatment. May apply for SRF constr after pilot.	Treatment

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Sonoma	4900575	Loch Haven MWC	Arsenic	50	19	non-disadvantaged				Pursuing POE or POU. In discussions with DO	
Sonoma	4900643	Mount Weske Estates MWC	Arsenic	62	21	non-disadvantaged	P84		F2; M7g	Having trouble finding consolidating partner - Town of Windsor has concerns about their capacity. May proceed with POU on their own	POU
Stanislaus	5000077	Ceres West MHP	Arsenic	161	46	severely disadvantaged			F10	SRF planning application submitted April 2013 - App deemed incomplete. Potential to consolidate with Ceres	
Stanislaus	5000080	Country Western MHP	Arsenic	120	60	Disadvantaged			M5	SRF Planning FA exec Oct 2011. System did not perform any planning activities under the planning FA. Potential to consolidate with Ceres	
Stanislaus	5000218	Country Villa Apartments	Arsenic	30	23	non-disadvantaged			F10	Privately owned - SRF loan appears unaffordable - looking for public consolidation option. Interested in a potential regional consolidation with Dinuba, Los Molinos, and Coalinga.	Consolidation w/ City of Hughson
Tehama	5201137	Millstream MHP	Arsenic	53	23	Disadvantaged			M5, F10	Bypassed at owner's request from P84 Los Molinos consolidation project. Submitted SRF planning application Sept 2013 - deemed incomplete	Consolidation w/ Los Molinos
Tulare	5400523	El Monte Village MHP	Nitrate	100	49	non-disadvantaged			F10	SRF planning application submitted April 2013 - App deemed incomplete; less than 1 mile from City of Dinuba	New well or well rehab or consolidation w/ Dinuba
Tulare	5400670	Triple R MWC	Nitrate	400	130	non-disadvantaged				Met with County a year ago, discussed blending. System will install conditionally approved wellhead treatment; after a year, it will re-evaluated the use of this treatment	
Tulare	5400966	Westlake Village MHP	Nitrate	350	139	Disadvantaged			F10	Below nitrate MCL since April 2011. Consolidation with City of Visalia possible - only discussed	
Yolo	5700788	North Davis Meadows	Nitrate	110	95	non-disadvantaged				SRF Bypassed 02/12. WS may proceed with drilling new well(s). Woodland Davis Clean Water Agency consolidation project a possibility	
Fresno	1009006	Pappas and Company (Coalinga)	Surface Water	25	11	severely disadvantaged			M5, 9, F10	Barely a PWS SRF project bypassed 2011 - non-responsive to SRF invites & technical assistance offers; some potential for consolidation - 3 mi from City of Coalinga	
Fresno	1009039	Pappas and Company (Mendota)	Surface Water	25	12	severely disadvantaged			M5, 9	Barely a PWS SRF project bypassed 2011 - non-responsive to SRF invites & technical assistance offers; minimal potential for consolidation - 4 mi from City of Mendota	
Kern	1500290	Edgemont Acres MWC	Arsenic	400	148	Disadvantaged			M9	Incomplete SRF app submitted - system given numerous chances to complete app but didn't follow through - bypassed	
Kern	1500569	Valley View Estates MWC	Nitrate	69	44	non-disadvantaged				Compliance order issued; The water system considered blending with other wells but did not submit any permit amendment application for blending - Responded to latest SRF invite but did not submit application	
Kern	1502017	Wheeler Farms Headquarters	Nitrate	25	10	non-disadvantaged			T13	Compliance order issued; not located close to a large water system for consolidation; has not applied for SRF planning. No plan for solution yet, non-responsive to latest SRF invite	
Madera	2000293	MD #46 Ahwahnee Resorts	Arsenic	300	90	Disadvantaged				Requested bypass from latest round of invites. Currently blending for As, but out of compliance for Ur. County to pursue additional enforcement.	
Madera	2000538	Cedar Valley MWC	Arsenic	137	67	Disadvantaged				County may pursue additional enforcement. Responded to latest SRF invite but did not submit application	



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Monterey	2700536	Corral de Tierra Estates	Arsenic	45	16	non-disadvantaged				System was going to consolidate with Cal-Am but turned out to be too expensive. County issuing more enforcement to get updated compliance plan.	
Monterey	2700612	Laguna Seca WC	Arsenic	162	57	non-disadvantaged				County issuing more enforcement to get updated compliance plan.	
Monterey	2700799	Vista del Toro	Arsenic	87	29	non-disadvantaged				System looking at possible As treatment options. Previous SRF incomplete app bypassed . Looking into POE	
Monterey	2701503	Mesa Del Toro MWS	Arsenic	90	35	non-disadvantaged				Was in SRF , requested bypass. County to issue more enforcement to get updated compliance plan.	
Riverside	3301529	Ramona Water Company	Nitrate	250	106	severely disadvantaged			M1	Invited to submit application in 2011, but bypassed. System submitted an SRF Planning Application 6/11/2012for funds to have an engineer evaluate the system - application incomplete	New well
Tulare	5403110	Sierra MWC	Nitrate	39	15	Disadvantaged				LPA to meet with system during next inspection to discuss enforcement and compliance dates	

Total Population = **58,588** Total amount funded by **\$99,279,361**

Definitions	
P50	Proposition 50
P84	Proposition 84
SRF	Safe Drinking Water State Revolving Fund
LPA	Local Primacy Agency - County Jurisdiction
CDPH	CA Dept. of Public Health - State Jurisdiction
Exc	Executed
LOC	Letter of Commitment
POU	Point of Use
POE	Point of Entry
RTC	Returned to Compliance
Non-Disadvantaged	System with MHI above 80% of statewide MHI
Disadvantaged	System with MHI below 80% of statewide MHI
Severely	System with MHI below 60% of statewide MHI
FA	Funding Agreement

Legend	
	Solved/Returned to compliance
	Under construction with CDPH funding
	Construction underway - privately financed
	Awaiting CDPH construction funding, complete application submitted
	Received CDPH planning award - work to be completed within 18 months
	Awaiting CDPH planning funding, complete application submitted
	Received CDPH funding invitation but have not submitted a complete app



Obstacles	
<b>Technical:</b>	
1. No water system operator	
2. Lack of basic information on quantity of water needed and usage	
3. Old leaking distribution systems that cause demand for water to be higher than it should for the number of customers	
4. No economies of scale	
5. No "cost effective" technical solutions	
6. Non-metered service connections, no control over use or cost	
7. Unaware of alternatives or lacks sophistication to compare alternatives; Inadequate assessment of alternatives	
8. Treatment alternatives are technically complex	
9. Bed-life of media and uncertainty w/r to what is involved with O&M of a new treatment system	
10. Drilling a replacement well comes with uncertainty; will the new source be of acceptable quality or adequate quantity?	
11. Shallow wells may have issues with nitrates and deeper wells bring problems with arsenic	
12. Conflict between short term fixes and long-term regional solutions. If a short term fix (drill a new well) solves the problem future funding opportunities are limited.	
13. Not located near a large water system for consolidation, distance	
14. Large water system is unwilling to consolidate with the small water system because the SWS does not meet the standards and represents a liability	
15. A solution to one problem; may create another. For example, and intertie with another system may necessitate issues with disinfection by-products.	
16. Other permits that are needed corps of engineers, highway/road easements, etc.	
17. Inadequate Engineering/Contractor support	
18. Environmental impacts or impacts on wetlands or cultural resources	
19. Problem for which the project was invited has changed, eligibility issues	
20. Issues related to sizing of components and funding program limitations related to growth	
21. Inadequate or incomplete plans and specifications, poor engineering support	
<b>Managerial:</b>	
1. Ownership issues	
a) Not in good standing with Secretary of State	
b) Name on permit does not match name on application	
c) Receiver operating the system	
d) No PWS, just a collection of private homes	
e) Title is in dispute between partners/relatives	
f) LWS does not want to own (consolidate) a SWS with problems	
g) Mutual ownership and the inability to get decisions/approval	
h) Ownership decisions awaiting court action or PUC action	
i) PWS cannot demonstrate it has title or lease agreement for the land the infrastructure is located on	
j) Lack of clear succession	

<p>2. Water right issues</p> <p>3. Easement or right-of-way issues</p> <p>4. Lack of training to board members or owners.</p> <p>5. Reluctant owner or board members; not motivated to fix the problem</p> <p>6. Local or internal dissention, lack of consensus</p> <p>7. Consolidation Issues</p> <p>a) Concern with liability that prevents a LWS from consolidating</p> <p>b) SWS is outside of a LWS legal boundaries; LAFCo issues</p> <p>c) Charter City issue that prevents one city from helping another community outside of their boundaries</p> <p>d) For regional consolidation, getting multiple legal entities to agree and to give up autonomy.</p> <p>e) Political willingness to give up control to another agency</p> <p>f) Political willingness to take over control; e.g.: creating new county service areas</p> <p>g) Adjacent PWS may be unwilling to consolidate; no incentives for taking on additional customers or customers with a history of low water rates and non-payment</p> <p>8. Changing directions with board elections</p> <p>9. Lack of knowledge and sophistication necessary to apply for and successfully enter into a funding agreement with the State; no grant writing capacity</p> <p>10. Lack of legal support</p> <p>11. Need for additional land and unwilling sellers, federal cross-cutter requirements against condemnation</p>	<p><b>Financial:</b></p> <p>1. Limited budget, cannot afford to take on a loan</p> <p>2. Cannot afford upfront costs for applications, studies, etc. that are required to get a funding agreement</p> <p>3. Deferred maintenance</p> <p>4. Cannot afford O&amp;M costs associated for new treatment</p> <p>5. No reserve funds</p> <p>6. No capital improvement plan</p> <p>7. No audited financials available</p> <p>8. Water Rates</p> <p>a) Need to conduct rate study</p> <p>b) 218 rate increase process or CPUC rate increase process</p> <p>c) Rate payers refuse to approve increase</p> <p>d) Flat rates with no incentives for conservation</p> <p>e) High level of non-payments by customers</p> <p>f) Excessive existing water rates (over 2% of MHI)</p> <p>(i) For mobile home parks, HUD issues on rates that can be collected</p> <p>9. Other outstanding debt</p> <p>10. Privately owned PWS, including mobile home parks are not eligible for grants under SRF, only loans.</p> <p>11. Adjacent community that could provide safe water has a higher "outside of the service area" rate structure.</p>
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12. Lack of good information on MHI 13. Want grants not a mix of grant and loan 14. Cost of land	<p><b>Other:</b></p> <ol style="list-style-type: none"> <li>1. CDPH funding process is long and complex; especially for small unsophisticated PWSs</li> <li>2. Bad blood between communities prevents consolidation</li> <li>3. Timing of when a problem occurs, and the funding cycle for pre-apps, PPL, invitation to apply, and the review cycle</li> <li>4. State budget delays, staffing, freezes that result in delays at the State level</li> <li>5. Confusion or conflict between funding programs administered by the State; SRF, P50, and P84</li> <li>6. Tension between long term regional solution verses short term fix.</li> <li>7. Water Works standards for new PWS; require two sources</li> <li>8. State funding is set up to address a current problem; we do not fund prevention, such as one-well systems with declining capacity or increasing levels of contaminants.</li> <li>9. Not a PWS and therefore ineligible for State sponsored funding programs.</li> <li>10. Lack of clear guidance from CDPH on POU and POE options</li> </ol>
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**ACTION ITEM**  
September 19, 2018

**TO:** Board of Directors

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

Robert J. Hunter, General Manager

**SUBJECT: PRUDENT COMPANION POLICY**

**STAFF RECOMMENDATION**

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It is recommended that the Board of Directors: Review, discuss, and consider adopting Director Barbre's draft Prudent Companion Policy.

**COMMITTEE RECOMMENDATION**

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Committee recommended this item be referred to the Board meeting for further discussion by the whole Board.

**SUMMARY**

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At the August Executive Committee meeting, Director Barbre requested that the Board consider adopting the following Prudent Companion Policy.

**Prudent Companion Policy**

§2301.5 is added to the MWDOC Administrative Code to read:

"For any travel out of state, or any legislative trips to Sacramento or Washington, D.C. paid for by MWDOC, Board and Staff are required to travel with a "prudent companion," which may be either a Board Member or Staff member. For legislative trips, the contract lobbyist in Sacramento or Washington, D.C. shall suffice as the "prudent companion" for purposes of compliance with this section."

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



**ACTION ITEM**  
September 19, 2018

**TO:** Board of Directors

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

Robert Hunter  
General Manager

Staff Contact: Tiffany Baca

**SUBJECT: Authorization to Contract for Strategic Digital Communications Services**

**STAFF RECOMMENDATION**

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Staff recommends the Board of Directors authorize entering into a contract with Hashtag*Pinpoint* to provide Strategic Digital Communications Services for the Municipal Water District of Orange County's (MWDOC) outreach initiatives.

**COMMITTEE RECOMMENDATION**

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The Committee will review this item on September 17, 2018 and make a recommendation to the Board.

**SUMMARY**

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On July 6, 2018, MWDOC issued a Request for Proposals (RFP) to find, and contract with, an experienced firm to provide strategic digital communications services for the District. The selected firm will work with MWDOC staff to target, monitor, and engage social audiences, and will develop educational and attention-grabbing content that will highlight MWDOC's programs and services, as well as reflect the District's mission.

The District received proposals from six qualified firms. After careful review, MWDOC staff invited three firms to participate in a formal interview process. On September 4, an interview panel comprised of three MWDOC Public Affairs staff members, the MWDOC General Manager, and the Director of Communications for OC Vector Control, conducted interviews with the top three firms. Based on final scores, and following an in depth discussion with the interview panel, staff recommends that the District retain the services of Hashtag*Pinpoint*.

Budgeted (Y/N): Y	Budgeted amount: \$100,000	Core X	Choice __
Action item amount: 95,000		Line item: 32-7040	
Fiscal Impact (explain if unbudgeted):			

## **DETAILED REPORT**

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### **Why Strategic Digital Communications?**

An effective Digital Communications strategy acts as a guide to demonstrate accomplishments, promotes the mission, drives target audiences to engage with the organization, and ultimately, helps achieve defined objectives. Digital communications efforts *enhance* and *support* traditional media outreach. Traditional pathways to news and information are still essential, however, much like a ‘diverse water portfolio,’ digital communications ensures that there are additional tools in the toolbox to reach developing target audiences where they spend time.

Statistics gathered from *\*Pew Research Center* illuminate how communications channels have evolved, reporting that nearly two-thirds of U.S. adults are getting a good deal of their news from social media, with one-in-four receiving news from multiple social media sites.

*\*Pew Research Center is a nonpartisan fact tank that informs the public about issues, attitudes and trends shaping the world. It conducts public opinion polling, demographic research, media content analysis and other social science research.*

### **Benefits of a Robust Social Media Presence**

Over the past decade, social media has redefined how we communicate with one another, how we share and consume information, and how we interact with organizations and groups. Social networks provide a two-way channel for building relationships with target audience members who spend a great deal of their time online. Additional benefits include:

- Builds trust and establishes credibility
- Engages target audience members in your narrative
- Opportunities exist in real time to obtain real audience insights
- Promotes your content
- Drives traffic to your website and other digital channels

### **RFP and Interview Process**

On July 6, 2018, MWDOC issued an RFP requesting proposals from experienced firms who have demonstrated proficiency in successful strategic digital communications that include social media marketing and development. Staff posted the RFP online, and invited several respected firms to submit proposals. Using specific criteria, a review panel of MWDOC Public Affairs staff evaluated and graded the six proposals received. Based on this evaluation, MWDOC staff requested the top three consulting firms - Circlepoint/Communications Lab, Fraser Communications, and HashtagPinpoint - participate in a formal interview process. The interview panel was comprised of three MWDOC representatives from Public Affairs, the MWDOC General Manager, and an outside expert whose responsibilities include managing strategic traditional and digital communications for OC Vector Control.

## **Recommendation**

While all three firms were qualified, and each outlined a digital communications strategy for the District's current position, Hashtag*Pinpoint* proposed a plan that would take the District's digital communications to the next level.

Over the past year, and under the administration of Hashtag*Pinpoint*, the District's social media following has grown nearly 10 times and engagement is up more than 12 times. Due to a variety of factors, including a social campaign on the California WaterFix, MWDOC has become a recognized and reputable source of information and expertise online. Now that the District has an impressive online following, and a growing audience to communicate with, Hashtag*Pinpoint* is recommending that we continue to utilize traditional posts but also increase video production. This is a logical next step as statistics show that video engagement is on the rise with video content now earning 12 times more shares than text and images combined.

In addition to the creation and distribution of more original video content being manufactured by the Hashtag*Pinpoint* team, the firm has also recommended a MWDOC produced IGTV (Instagram TV) channel where the District would conduct interviews with staff as well as other water industry professionals, continue Man-on-the-Street questioning, and introduce water use efficiency tutorials and recommendations. All services proposed, including advertising expenses and the new recommendations for strategic digital communications, would fall under a single service fee that would not increase for three years. Hashtag*Pinpoint* is also the lowest bidder of the three firms interviewed.

Based on interviews conducted with the top three firms, a thorough comparison of proposal components, and the consultant's previously demonstrated success, staff recommends that the Board of Directors authorize entering into a contract with Hashtag*Pinpoint* to provide Strategic Digital Communications Services for the District.

# GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES SEPTEMBER 2018

<b>MWDOC Agencies Managers Meeting</b>	<p>MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on Thursday, August 16, 2018.</p> <p><b>In attendance were:</b>  Mike Grisso (BPWD), Dennis Cafferty (ETWD), Mike Dunbar (<b>EBSDWD</b>), Mark Sprague (FVWD), Cel Pasillas (GGWD), Ken Vecchiarelli (GSWD), Brian Ragland (HBWD), Elias Saykali (LHWD), Paul Shoenberger (MWD), Steffen Catron (NBWD), Jose Diaz (OWD), David Spitz (SBWD), Joe McDivitt (SCWD), Rick Shintaku (SCWD), Scott Miller (WWD), Marc Marcantonio (YLWD), Rosanne Weston (YLWD), John DeCriscis (YLWD), Lawrence Brotman (SCWD)</p> <p><b>MWDOC Staff:</b> Robert Hunter, Karl Seckel, Harvey De La Torre, Kevin Hostert, Heather Baez</p> <p><b>Discussion Items:</b></p> <ol style="list-style-type: none"> <li>1. Metropolitan Revised 10-Year Rate Forecast</li> <li>2. WEROC Update – Holy Fire</li> <li>3. “Voluntary Donations” – Water Tax Trailer Bill Language</li> <li>4. County Flood Control Right of Way Issues</li> <li>5. OC Water Reliability Study Update</li> <li>6. Potential Strand Ranch Water Bank Pilot Program</li> </ol> <p>Next meeting will tentatively be held September 20, 2018.</p>
<b>Meetings</b>	<p>Charles Busslinger attended a Water Utility Climate Alliance (WUCA) workshop at MET on August 8, 2018. The workshop included presentations on the latest global climate models (Coupled Model Intercomparison Project – CMIP5) and technical presentations on how those models are adapted (downscaled) for use at regional levels.</p> <p>Charles Busslinger attended the monthly San Juan Basin Authority Board Meeting on August 14, 2018.</p> <p>Charles Busslinger attended the Evaluation of Regional Storage Portfolio Workshop at MET on August 29, 2018. The workshop is reviewing the methodology for establishing the level of need for emergency storage. MET is planning to release a white paper on emergency storage considerations later this year.</p> <p>Karl Seckel, Charles Busslinger and I attended the Workshop on Integrating Local Supplies into the OC Water System on August 31, 2018.</p>



## MET ITEMS CRITICAL TO ORANGE COUNTY

<b>MET's Water Supply Conditions</b>	<p>The Northern California accumulated precipitation (8-Station Index) is reporting <b><i>40.9 inches or 83% of normal</i></b> as of August 27. In the month of August 2018, accumulated precipitation reached 0.0 inches, which is <b><i>0.3 inches below normal</i></b> compared to the historical average. The Northern Sierra Snowpack peaked at 12.3 inches on April 1<sup>st</sup>, which is <b><i>43% of normal</i></b>. Lake Oroville storage is at 47% of total capacity and 70% of normal. The San Luis Reservoir has a current volume of 47% of the reservoirs total capacity and is 108% of normal.</p> <p>In October, the new water year will start for 2018-19 and staff will be providing an update on supplies and demands for the coming year..</p>
<b>MET's Finance and Rate Issues</b>	<p>Water transactions through June 30, 2018 were 89 TAF lower than budget and 171 TAF lower than the 5-year average. While the Fiscal Year 2017-18 revenues from water transactions, based on 1.61 MAF of sales, were \$90.3 million less than the budget. Total revenues were only \$63.2 million (3.7%) below the budget. Of note, net taxes were \$30.8 million higher due to increased assessed values.</p> <p>With regard to Fiscal Year 2017-18 expenses, the largest deviation from the budget resulted from State Water Contract costs coming in 12% lower than expected. Overall, the Fiscal Year 2017-18 total expenses were \$159.3 (9.4%) below budget.</p>
<b>Colorado River Issues</b>	<p><b><u>Drought Contingency Planning</u></b></p> <p>The Principals of the seven Colorado River Basin States (Basin States) met near Park City, Utah, on July 30, 31 to discuss progress of development of the Lower Basin Drought Contingency Plan (DCP) and the Upper Basin DCP. At the meetings, principals and Metropolitan staff received updates from the Commissioner of the Bureau of Reclamation, Reclamation staff, and reports from the small group of representatives from the Basin States who have been drafting the set of implementing agreements that would be necessary for implementation of drought contingency plans.</p> <p>The small drafting group had been tasked with developing a set of six documents that would serve as the draft interstate implementing agreements. Since June 19, 2018, the group has met six times and made significant progress in developing working drafts of most of the necessary interstate agreements. During the July 30, 31 Basin States meetings, the principals provided input and direction regarding outstanding policy considerations, which the small group will take back for the next rounds of drafting meetings throughout August 2018.</p>

<b>Colorado River Issues (continued)</b>	<p>Representatives of the Arizona Department of Water Resources and the Central Arizona Project provided an update on Arizona's Steering Committee (Steering Committee) Process. The Steering Committee is intended to address water user concerns within Arizona regarding the proposed DCP impact on Arizona and, if the Steering Committee process is successful, would result in consensus support of the DCPs and an intrastate implementing agreement within Arizona. The Steering Committee is scheduled to meet twice a month through December and has not indicated yet if and when it will take a position supporting the proposed Lower Basin DCP.</p> <p>In addition to the interstate agreements needed to implement a Lower Basin DCP and an Upper Basin DCP, Metropolitan is working with other contractors to develop an approach for implementation of the Lower Basin DCP within California. If all these negotiations are successful, the Lower Basin DCP related interstate agreements and intrastate agreements could be brought to Metropolitan's Board for consideration later this year.</p> <p><b><u>Palo Verde Irrigation District Program Following Call Made</u></b></p> <p>On July 29, Metropolitan sent participating landowners in the Palo Verde Valley a notice that the following call from August 1, 2019 through July 31, 2020 will remain at 40% of the contractual maximum. This is the same following level that the farmers implemented on August 1, 2018. Prior to this month, from August 1, 2017 through July 31, 2018, the following call had been at 90%. Metropolitan staff lowered the following call as of August 2018 through July 31, 2020 due to improved storage in Metropolitan's service area.</p>
<b>Bay Delta/State Water Project Issues</b>	<p><b><u>State Water Resources Control Board</u></b></p> <p>On July 6, the SWRCB released its draft final Bay-Delta Water Quality Control Plan (WQCP) amendments for the Lower San Joaquin River and Southern Delta as part of the Phase 1 process. The draft final proposal would revise water flow objectives in the Lower San Joaquin River and its major tributaries, the Stanislaus, Tuolumne and Merced Rivers, and would amend southern Delta salinity objectives. Metropolitan staff coordinated with the State Water Contractors (SWC) to develop and submit comments to the SWRCB on July 27. A SWRCB meeting to receive public comments and consider adoption was scheduled for August 21-22.</p> <p>Also on July 6, the SWRCB issued a Phase 2 Framework document for updating flow requirements for the Sacramento River, its tributaries, and the Delta and its tributaries, including the Calaveras, Cosumnes and Mokelumne Rivers. The Framework document proposes tributary flow requirements for February to June based on percent of unimpaired flow, provides a narrative objective for cold water flows from reservoirs for the protection of salmon, describes new objectives for fall Delta outflow and interior Delta flows that are drawn from requirements from existing biological opinions, and provides additional guidance on implementation of voluntary agreements. For Phase</p>

<p><b>Bay Delta/State Water Project Issues (continued)</b></p>	<p>2, a draft proposed plan and Metropolitan staff report analyzing alternatives is expected to be released later this year for public review and comment.</p> <p><b><u>Science Activities</u></b></p> <p>Metropolitan staff organized and participated in a meeting with state and federal agencies to discuss how Chinook salmon loss and salvage at the State Water Project/Central Valley Project are calculated and reported. In the past there have been inconsistencies in how loss and salvage are reported and the group discussed ways to streamline this process and how to better present results on public platforms, such as SacPAS or Bay Delta Live.</p> <p>One of the actions in the state's Delta Smelt Resiliency Strategy is to operate the Suisun Marsh Salinity Control Gates to improve habitat conditions for Delta smelt. DWR has been actively working to obtain permits and align resources to implement the Suisun Marsh Salinity Control Gate action starting August 1, 2018. Metropolitan staff is coordinating with DWR to provide input on the monitoring program for the action. DWR obtained final permits for the project in mid-July. SWC will supplement DWR's operations and monitoring program with additional monitoring to evaluate the effects of the action.</p> <p>Metropolitan staff continued participating in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team (CAMT). In July, the CSAMP Policy Group received a presentation on the results of the Delta Smelt Entrainment Study, evaluating factors associated with salvage of adult Delta smelt. The Entrainment Study suggests that abundance, exports, hydrology, turbidity, and precipitation significantly correlate with salvage of Delta smelt. The study also found that proportional entrainment is low in recent years suggesting recent operations may have reduced entrainment risk. The CSAMP Policy Group discussed possible uses and limitations of the study results and more work is expected to fully understand the usefulness and applicability. Metropolitan staff is participating in the CAMT salmon subcommittee, which is summarizing information gathered/learned from the CAMT Delta Salmonid Research Workshop that was held in June 2018 and identifying recommendations for scientific salmonid studies that CAMT could support.</p> <p><b><u>Delta Flood Emergency Management Plan</u></b></p> <p>DWR continues to develop and refine the Emergency Response Tool (ERT), which is a modeling tool to facilitate the analysis of proposed emergency response actions to respond to catastrophic levee failures in the Delta. In July, DWR completed ERT studies using sheet pile for freshwater pathway breach closures and found that pathway restoration and export outage could be reduced by a couple of months. DWR stated that with ERT refinements, they will determine minimum reservoir releases and optimum flow durations from Sacramento River and San Joaquin River reservoirs in conjunction with pathway restoration to achieve export resumption.</p>
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<b>Bay Delta/State Water Project Issues (continued)</b>	<p>DWR completed a study to reduce costs of sheet pile acquisition for deep levee breach closures and increase efficiency of installation. DWR would increase pile thickness to accommodate expected corrosion and facilitate welding for field installation in lieu of purchasing coated sheet pile. This mode of acquisition will allow sheet pile closure of two to three levee breaches.</p>
<b>East Orange County Feeder No. 2</b>	<p>MWDOC held a meeting on August 31 to discuss, in a workshop setting, issues associated with the integration of local projects, especially with respect to mixing waters of differing qualities. This concept can include ocean desalination projects, other local project or projects such as the pump-in to the EOCF#2. MET staff attended the meeting to help us understand the associated concerns.</p>
<b>South Orange County Projects</b>	<p><b><u>SMWD Trampas Canyon Recycled Water Reservoir</u></b></p> <p>The project is designed to create 5,000 acre-feet of recycled water storage capacity and will be the largest surface water reservoir in South Orange County.</p> <p>The Construction Contract was awarded in December 2017 and is approximately 25% complete. The project is currently projected to conclude on or before mid-March 2020.</p> <p><b><u>San Juan Watershed Project</u></b></p> <p>The Draft Environmental Impact Report (DEIR) public review period was closed for comments on February 23, 2018. Ultimately twenty-one comment letters were received with the major topics of concern being characterized as relating to:</p> <ul style="list-style-type: none"> <li>• Steelhead trout migration including the provisions of fish passages</li> <li>• Impacts on San Juan Creek Lagoon</li> <li>• Aesthetics and impacts of the various structures that may be required as part of the project on the surrounding neighborhoods</li> <li>• Sediment transport</li> </ul> <p>Legal review of the draft document has been completed. An approach for addressing the comments was developed amongst the team members with a new schedule also being developed. The additional technical studies of the issues listed above are being performed. The results will be incorporated into the Responses to Comments and brought to the Board for consideration of adopting the EIR</p> <p><b><u>Other Information on South County Projects:</u></b></p> <p><b><u>SMWD Indirect Potable Reuse</u></b></p> <p>SMWD is studying the use of recycled water to augment the drinking water supply. They will be using CH2M Hill (Jacobs Engineering) to perform an initial review of options that may be available for the implementation of a drinking water augmentation project. This evaluation will identify the most</p>

<b>South Orange County Projects (continued)</b>	<p>feasible approach to implementing a project and then develop both the cost of treatment and identify the regulatory framework that SMWD will need to navigate to implement such a project. The Scope of Work will outline the options and provide up to five alternative concepts including the regulatory framework for each. Layouts and cost estimates will be prepared along with a technical memo discussing the results.</p> <p><b><u>San Juan Basin Authority</u></b></p> <p>The San Juan Bedrock Barrier Investigation is moving into the next phase with the completion of the two monitoring wells. The wells will be used to monitor groundwater responses to pumping pattern changes by both South Coast Water District and the City of San Juan Capistrano. The data collected at the new monitoring wells will help determine the following questions posed by Wildermuth Environmental:</p> <ul style="list-style-type: none"> <li>• Is the aquifer east of the San Juan Creek conveying groundwater at rates that are enough to support pumping at the South Coast WD well field?</li> <li>• Do the existing Orange County Public Work's sheet-piles impact the groundwater flow system between the City and South Coast WD well fields?</li> </ul> <p>The San Juan Basin Authority is reviewing an Aquifer Test Work Plan to conduct two separate constant rate pumping tests to help answer the questions above. The two wells to be pumped are the South Coast's Stonehill well and the City's Kinoshita well. Testing is proposed to start shortly depending on the County's sheet pile schedule.</p> <p><b><u>Fenner Valley Water Authority (FVWA)</u></b></p> <p>Cadiz is continuing to pilot treatment facilities to remove hexavalent chromium, arsenic and nitrates from the Fenner Valley water. The levels of the minerals are less than current drinking water standards, however, they are higher than the ambient levels in the water being delivered in the Colorado River Aqueduct. The treatment process results are looking favorable and discussions with MET should start again soon regarding finding space in the aqueduct to convey the water into the Southern California coastal plain.</p> <p><b><u>Formation of a South County Water Storage Coalition</u></b></p> <p>In response to the discussions with OCWD, the Chino Basin Water Bank, the Santa Ana River Conservation and Conjunctive Use Program and now the Strand and Stockdale Integrated Water Banking Program, SMWD has suggested the formation of a South County Water Storage Coalition to the other SOC agencies. The purpose of the Coalition would be to participate in the discussions and development of programs to meet the storage needs of the SOC agencies. SMWD has requested each agency to submit its storage needs as part of a survey process.</p>
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## ENGINEERING & PLANNING

<b>Orange County Reliability Study</b>	Staff and CDM Smith are working diligently to complete the 2018 Orange County Water Reliability Study Update. The current schedule anticipates conducting an initial workshop with our member agencies to QC the MWDOC and CDM work efforts on either September 20 or September 24 to receive initial input. Staff anticipates an update to the MWDOC P&O Committee on October 1 <sup>st</sup> and then a presentation to WACO on October 5.
<b>South Orange County Emergency Service Program</b>	<p>Dudek was hired to assist MWDOC and IRWD regarding this effort as it includes modeling of the IRWD system to evaluate various options.</p> <p>Phase 1 of the study is examining the ability of the <b><u>existing IRWD system</u></b> to convey water to SOC during emergency situations. The preliminary results of the Phase 1 evaluation indicates the following:</p> <ul style="list-style-type: none"> <li>• Approximately 21 cfs (ranges from 16 cfs to 35 cfs) is available to send to SOC in 2018, however, most of that capacity goes away by 2022 as demands build in the IRWD system.</li> <li>• With 10% conservation by IRWD, it appears as if additional capacity is available, but it drops to about 15 cfs by 2022 and will continue dropping until IRWD increases groundwater production.</li> </ul> <p>Phase 2 will examine the <b><u>future ability of the IRWD system</u></b> (beyond 2025) to convey water to SOC during emergency situations. Phase 2 will also consider additional groundwater production for the IRWD service area of 12,500 AF per year to be developed by 2025. While exploring options for the future groundwater production, the study will also evaluate other options for conveying water to SOC as additional water production is brought on-line by IRWD. The Phase 2 work should be completed in October 2018.</p> <p>The total needs of the SOC agencies are estimated to range between 31 and 43 cfs (equivalent to 20 to 27.5 mgd).</p>
<b>Workshop with B&amp;V Engineers and Hazen &amp; Sawyer Consultants</b>	MWDOC held a meeting on August 31 to discuss, in a workshop setting, issues associated with the integration of local projects, especially with respect to mixing waters of differing qualities. This concept can include ocean desalination projects, other local project or projects such as the pump-in to the EOCF#2. MET staff attended the meeting to help us understand their associated concerns.
<b>Strand Ranch Project</b>	A detailed presentation was given to the Planning & Operations Committee.
<b>Upcoming Issues with MET</b>	MET Evaluation of Regional Storage Portfolio (ERSP). The second meeting with MET and its member agencies was held in late August. The purpose is to discuss the update of emergency criteria and re-evaluation of Metropolitan's Emergency Storage Requirements.

<b>Poseidon Resources</b>	<p>The OCWD Board approved a new non-binding 2018 Water Reliability Agreement (Term Sheet) with Poseidon Resources on July 18, 2018.</p> <p>Poseidon continues working with the Santa Ana Regional Water Quality Control Board (SARWQCB) to renew and update its existing National Pollution Discharge Elimination System permit and comply with new regulations (referred to as the Ocean Plan amendments) which were approved by the State Water Resources Control Board in May 2015. Poseidon expects the SARWQCB to act on its permit in the next 6 months. Assuming success, Poseidon would then seek a permit from the California Coastal Commission in 2019.</p>
<b>SMWD Rubber Dams Project</b>	<p>The Draft Environmental Impact Report (DEIR) public review period was closed for comments on February 23, 2018. Ultimately twenty-one comment letters were received with the major topics of concern being characterized as relating to:</p> <ul style="list-style-type: none"> <li>• Steelhead trout migration including the provisions of fish passages</li> <li>• Impacts on San Juan Creek Lagoon</li> <li>• Aesthetics and impacts of the various structures that may be required as part of the project on the surrounding neighborhoods</li> <li>• Sediment transport</li> </ul> <p>Legal review of the draft document has been completed. An approach for addressing the comments was developed amongst the team members with a new schedule also being developed. The additional technical studies of the issues listed above are being performed. The results will be incorporated into the Responses to Comments and brought to the Board for consideration of adopting the EIR</p>
<b>Doheny Ocean Desalination Project</b>	<p>South Coast WD released the Doheny Ocean Desalination Project Draft Environmental Impact Report (EIR) on May 17, 2018. A Public Meeting for the EIR was held on June 26, 2018, and the EIR public comment period closed on August 6, 2018.</p> <p>A Request for Qualifications (RFQ) for a 3rd party legal firm to assist with Design-Build-Operate (DBO) contract development was released and 5 proposals were received. Interviews were being scheduled for late August and it is anticipated that the South Coast WD Board will consider awarding a contract in September 2018.</p> <p>South Coast WD staff also submitted a grant application for up to \$20 million for project construction through Bureau of Reclamation 'Water SMART: Desalination Construction Projects under the WIIN Act'. Applications are currently being reviewed.</p>

## EMERGENCY PREPAREDNESS

<b>Coordination with WEROC Member Agencies</b>	<p><i>Ongoing: WEROC, with Michal Baker as the lead consultant, is facilitating 19 agencies through the process of updating the Orange County Water and Wastewater Multi-Jurisdictional Hazard Mitigation Plan. Update: The public review draft of the Hazard Mitigation Plan has been distributed to the public and surrounding jurisdictions for comment. Information on the public review process has been posted to the MWDOC and participating agency's websites and social media pages. A press release can be found on the MWDOC website (<a href="http://www.mwdoc.com">www.mwdoc.com</a>) front page under "Headline News" and then the draft document can be found at <a href="https://www.mwdoc.com/your-water/emergency-management/emergency-management-resources/">https://www.mwdoc.com/your-water/emergency-management/emergency-management-resources/</a> under Mitigation. Once the 30 day period of public comment concludes, any comments received will be incorporated into the plan as appropriate and it will then be submitted to CalOES and FEMA for approval.</i></p>
<b>Coordination with WEROC Member Agencies - continued</b>	<p><i>WEROC Radio Replacement Update: Francisco Soto continues to work with member agencies, Motorola, and the Sheriff's Communications staff to implement the OC 800 MHz radio system for WEROC. Francisco worked with the Sheriff's Communication Division to provide two 800 MHz Radio trainings for WEROC member agencies. One training took place on July 25<sup>th</sup> and the second took place on August 14<sup>th</sup>. Francisco is continuing to work with City Agencies to program the WEROC channel into their existing 800 MHz radios. WEROC hired ACME-RF to remove the repeater equipment from Pleasant Peak and Catalina Island. Both removals are scheduled to take place the week of August 27<sup>th</sup>, 2018. The Pleasant Peak repeater removal may be delayed due to the Holy Fire.</i></p> <p><i>The WEROC Emergency Coordinator Quarterly meeting took place August 7, 2018. Topics discussed included: Member Agency Fuel Survey, the County-wide exercise, Water Quality Notification Translations, NIMS Guidance, Lessons Learned from the Tubbs Fire (Santa Rosa), and upcoming events. Of significant discussion was a meeting with Edison on their new Public Safety Power Shutoff plan and the new Dam Plan requirements. Both of these topics are discussed further under Coordination with the County.</i></p>
<b>Training and Programs</b>	<p><i>Francisco and Kelly Hubbard attended the California Emergency Services Association – Southern Chapter Annual Program and Awards. Staff had an opportunity to network with emergency managers from around the State and learn important concepts on Peer Support Teams and Emergency Management Mutual Aid.</i></p> <p><i>WEROC hosted Fire Awareness and Safety for Utility Staff training. The training provided attendees with information on fire behavior, fire organizational response</i></p>



	structures, and how to be safe responding to the field around active wildland fires. Training was provided by Mike Ferdig, retired OCFA Battalion Chief.
<b>Coordination with the County of Orange</b>	<p>Francisco attended the August Orange County Emergency Management Organization (OCEMO) General Meeting and Kelly attended the OCEMO Exercise Design meeting. Claudine Jaenichen, Associate Professor at Chapman University and Executive Board Member of the Design Network for Emergency Management, presented "Design for Emergency Management." Professor Jaenichen presented on how to design outreach and notification materials and communications for pre-disaster planning and more importantly response during disaster to be most effective in communicating critical information to the public. Additionally, the Emergency Management Division (EMD) and the Social Services Agency (SSA) provided an overview of the County of Orange and Orange County Operational Area Mass Care and Shelter Annex. Kelly attended the OCEMO Exercise Design Meeting for the January 2019 County-Wide exercise. Many of the WEROC agencies will be participating in this exercise, including the WEROC staff at the WEROC EOC and the County EOC.</p> <p>Kelly and Francisco attended a meeting with Southern California Edison (SCE) and the Operational Area to discuss the Public Safety Power Shutoff program. SCE will utilize this program to proactively shut off power in high fire risk areas when extreme weather conditions present a clear and imminent threat to Edison powerlines. The idea is that Edison will proactively shutoff power to any lines that could possibly be knocked down by various weather conditions and create a fire or safety hazard. The program will provide the water utilities with very little notification of the plan being activated and does not guarantee that they will actually receive notification prior to the power being shutoff. This could result in losing power at critical water and wastewater facilities with no notification to pre-deploy generators if they are available. This program will impact any facility in the area, including what has traditionally been considered critical facilities that in the past would not be impacted by rotating outages, such as hospitals, police stations, schools, etc. Kelly is working with the County to receive the Edison maps of what facilities are within these areas and then working with Member Agencies to update their Power Outage Plans.</p> <p><i>County and FEMA Recovery Exercise Update:</i> WEROC staff is working with the County and FEMA on a Recovery Exercise on October 18, 2018 that involves responding to a 7.8 earthquake on the San Andreas Fault. The exercise scenario will begin 3 weeks after the earthquake and focus on recovery operations. <i>The exercise is unique in that it is testing long term recovery concepts by focusing in on housing and infrastructure repair.</i> Kelly continues to participate and work with the county to develop this exercise.</p> <p><i>Ongoing:</i> WEROC staff participation in the OA Agreement Revision Working Group. Kelly met with the ISDOC Executive Committee to present the current status of the Working Group and OA Agreement revision process. Kelly informed the ISDOC Executive Committee that MWDOC has formally requested that WEROC be added to the OA Agreement as a direct voting member and discussed the potential of how this representation could impact ISDOC's representation to the OA Executive Board. Kelly continues to work the ISDOC Executive</p>

<b>Coordination with the County of Orange (continued)</b>	<p>Committee to receive a formal stance on changes to the OA Agreement to be presented to the OA Agreement Working Group.</p> <p><i>Ongoing: The Operational Area has started its review and update of the County of Orange and Orange County Operational Area Flood, Dam and Reservoir Annex. This update will combine what was two separate plans, as well as address planning requirement updates in Dam Emergency Action Planning that were implemented this year.</i> Each meeting of this group will address specific chapters of the county plan and address coordination issues for all agencies involved. WEROC was one of 2 agencies who submitted suggested corrections for chapters 1 and 2 which were being reviewed this month. Member Agencies with dams were in attendance to voice concurrence with the WEROC suggested changes. WEROC also addressed the new dam planning requirements at its quarterly member agency meeting. Staff has significant concerns regarding what the initial planning requirements were (stated in November 2017 by CalOES and submitted by agencies by the January 1, 2018 deadline) and what is now being required by CalOES (updated July 2018). Although the current requirements are more expansive and reflect a better more robust planning document, there are still areas of planning that are unclear in regards to notifications, local emergency agency responsibilities and pre-coordination with local emergency agencies. In addition to the lack of communication with member agencies by the state on these changes. Kelly is working with the State, County, Member Agencies with Dams, and local emergency agencies to try to facilitate plans that are clear and well-coordinated. Kelly attended the quarterly Emergency Management Council and Operational Area (OA) Executive Board meeting as the voting representative for ISDOC. Major topics included updates on upcoming County/OA exercises, alert and warning systems, and the Holy Fire (which was active at the time). The meeting was brief in order to allow critical staff to return to the OA EOC and the field Incident Command Post for the Holy Fire.</p>
<b>EOC Readiness</b>	<p>Janine Schunk participated in the OA and MET Radio Test and WebEOC tests for the month.</p> <p>Janine coordinated Fire Extinguisher Service for both WEROC EOC's.</p> <p>Janine completed a significant update of WEROC contacts that are pre-loaded into AlertOC for reverse notifications during an event. These contacts are specific to WEROC operations and coordination with staff and its member agencies.</p>
<b>Coordination with Outside Agencies</b>	<p>Karl Seckel, Kelly, and Francisco met with the Center for Demographic Research (CDR) to discuss the current mapping project and how MWDOC staff can better coordinate with CDR staff when ordering maps. Kelly and Francisco will work with CDR and MWDOC staff on a new project request form that will ensure MWDOC staff are aware of what data can be incorporated into maps and that any requested project meets expected outcomes.</p> <p>Kelly was invited by the Orange County Intelligence Assessment Center (OCIAC) to a Department of Homeland Security and MET tabletop exercise. The exercise scenario involved MET's security program regarding chemical storage,</p>

	transportation and response to an unusual event. The exercise was led by DHS and was an excellent training opportunity for all involved.
<b>Holy Fire Response</b>	<p>WEROC staff were notified of the Holy Fire early on the afternoon of Monday, August 6, 2018 by a MWDOC Staff Member and by a Member Agency. Shortly thereafter the OC Operational Area EOC requested WEROC to provide staff to the county EOC. Kelly Hubbard responded to the County EOC that afternoon for 1 shift. Following that first shift, the county went to a limited staffing plan for monitoring and support of the County Hotline. Incident Command (IC) for the fire was the Cleveland National Forest Fire Service with support from OCFA and many other local fire agencies. Since the fire continued to grow away from OC, WEROC provided monitoring and summary support to Member Agencies closest to the fire and water utilities on the Riverside County front of the fire. Kelly attended one field Incident Command Post briefing to support Trabuco Canyon Water District and provide coordination with the IC. WEROC provided the County EOC with a call-out staffing list for the rest of the week and weekend, but was not requested.</p> <p>As of August 27, 2018 a flare up of the Holy Fire started near Santiago Peak. Cleveland National Forest Fire Service is still in command of the response and the fire is burning away from OC. It does pose a small threat to OC communication towers, however OC Communications has a continuity plan for any impacts they may experience.</p>
<b>WATER USE EFFICIENCY</b>	
<b>Orange County Water Loss Control Work Group</b>	<p>On September 11, Joe hosted the Orange County Water Loss Control Work Group. This meeting was attended by 27 staff members from 18 agencies. The agenda included:</p> <ul style="list-style-type: none"> <li>• Welcome and Introductions</li> <li>• Water Loss Updates <ul style="list-style-type: none"> <li>○ Leak detection equipment lending library update – the equipment has arrived! <ol style="list-style-type: none"> <li>1. Training Curriculum</li> <li>2. Hosting opportunity for training</li> <li>3. Check-out form</li> </ol> </li> </ul> </li> <li>• Validation and compilation before October 1</li> <li>• Leak Detection Technologies <ul style="list-style-type: none"> <li>○ Acoustic methods</li> <li>○ In-pipe methods</li> <li>○ Remote methods</li> <li>○ Published rates of success</li> <li>○ Costs and benefits</li> <li>○ Deciding which technologies are appropriate for your infrastructure</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Year 3 Timeline Update - 2018 tasks after audit compilation and validation</li> <li>• 2019 planning kick-off</li> <li>• Discussion and Questions</li> <li>• Lunch and Conversation</li> </ul> <p>The next meeting is scheduled for November 6<sup>th</sup> and will be hosted by MWDOC.</p>
<b>Metropolitan Water District (MET) Water Use Efficiency Workgroup</b>	<p>On August 16, Beth Fahl and Rachel Waite participated, via conference call, in Metropolitan's Water Use Efficiency Workgroup meeting. Approximately 30 member agencies participated in the meeting. Agenda items included:</p> <ul style="list-style-type: none"> <li>• Water Supply Conditions Report</li> <li>• Tracking Metropolitan's Water Education Programs</li> <li>• Water Savings Incentive Program Update</li> <li>• Cyanobacteria &amp; Other Water Quality Concerns</li> <li>• External Affairs Update</li> <li>• Inspections Program</li> <li>• Member Agency Round-Table/Updates</li> </ul> <p>The next Workgroup meeting is scheduled for September 20<sup>th</sup> at Metropolitan.</p>
<b>California Landscape Contractors Association (CLCA)</b>	<p>On August 23, Rachel W. presented at the CLCA's Southern California Landscape Water Conference hosted by MWDOC. Approximately 70 landscape professional and water utility staff attended the conference. Rachel provided an overview of the landscape efficiency programs and rebates currently offered by MWDOC.</p>
<b>Qualified Water Efficient Landscaper (QWEL) Training</b>	<p>On August 22, August 29, September 5, and September 12, Beth attended MWDOC's QWEL Training at Irvine Ranch Water District. The QWEL training is a six week course of study and exam covering the following topics:</p> <ul style="list-style-type: none"> <li>• Where our Water Comes From</li> <li>• Sustainable Landscaping</li> <li>• Soils</li> <li>• Landscape Water</li> <li>• Irrigation Systems</li> <li>• Irrigation Maintenance and Troubleshooting</li> <li>• Irrigation System Auditing</li> <li>• Field Audit</li> <li>• Irrigation Scheduling</li> <li>• Irrigation Controllers</li> <li>• Putting It All Together</li> <li>• Final Exam</li> </ul>

	The next session is scheduled for September 19 <sup>th</sup> , with the final exam scheduled for September 26 <sup>th</sup> .
<b>Orange County Water Use Efficiency Coordinators Workgroup</b>	<p>On September 6, Steve Hedges, Rachel Davis, Silvia Segura, Bryce Roberto, Heather Baez, Beth, and Rachel W. hosted the Orange County Water Use Efficiency Coordinators Workgroup meeting at MWDOC. Approximately 15 agencies participated in the meeting. Highlights on the agenda included:</p> <ul style="list-style-type: none"> <li>• MWDOC Updates</li> <li>• Agency Roundtable/Problem Solving</li> <li>• Public Affairs/Marketing <ul style="list-style-type: none"> <li>○ Girl Scouts Program</li> <li>○ Boy Scouts Program</li> <li>○ Community Events</li> <li>○ Social Media RFP</li> <li>○ Inspection Trips</li> <li>○ School Program</li> </ul> </li> <li>• Legislative Update</li> <li>• Metropolitan Update <ul style="list-style-type: none"> <li>○ Water Savings Incentive Program</li> <li>○ Landscape Transformation Program Q and A</li> </ul> </li> <li>• Water Use Efficiency Programs Update <ul style="list-style-type: none"> <li>○ Landscape Transformation Program <ul style="list-style-type: none"> <li>▪ Turf Removal</li> <li>▪ Spray to Drip Program</li> </ul> </li> <li>○ FY 18-19 MWDOC Program Advisory Committee <ul style="list-style-type: none"> <li>▪ Residential Classes</li> <li>▪ Inspection Workshop</li> <li>▪ Landscape Design Assistance</li> <li>▪ Potential Dates and Hosts</li> </ul> </li> <li>○ OC-QWEL</li> <li>○ Choice Program</li> </ul> </li> <li>• California Water Efficiency Partnership (CalWEP) Update</li> <li>• Future Agenda Items</li> </ul> <p>The next meeting is scheduled for October 4<sup>th</sup> at MWDOC.</p>
<b>California Water Efficiency Partnership</b>	<p>On September 6, Joe Berg participated in the CalWEP Board Meeting, which was hosted by the Inland Empire Utilities Agency. This meeting was attended by approximately 18 water agency members from throughout the state. Agenda items included:</p> <ul style="list-style-type: none"> <li>• Welcome and Agenda Review</li> <li>• Introduction of CalWEP Staff</li> <li>• Approve Consent Calendar <ul style="list-style-type: none"> <li>○ May 2, 2018 Board of Directors Minutes</li> <li>○ 2018 Q2 Financials</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ CalWEP Water Efficiency Framework Toolkit</li> <li>• Approve AWE Chapter Agreement</li> <li>• Appoint CalWEP Representative to AWE Board</li> <li>• Approve Draft Listening Tour Report               <ul style="list-style-type: none"> <li>○ <i>Presentation by Susan Thornhill, Thornhill Associates</i></li> </ul> </li> <li>• Executive Director's Report</li> </ul> <p>The next meeting is scheduled for December 12<sup>th</sup> and will be hosted by MWDOC.</p>
<h2 style="margin: 0;">PUBLIC/GOVERNMENT AFFAIRS</h2>	
<b>Member Agency Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Provided City of San Clemente with information and contacts for MET 365 campaign collateral</li> <li>• Facilitated a Ricki Raindrop appearance at Westminster's <i>Dia de la Familia</i> on September 8</li> <li>• Provided an update of PA programs at the monthly WUE meeting</li> <li>• Working with City of Westminster staff and the Wyland Foundation to host a special event announcing the City as the 2018 National Mayor's Challenge winner, and winner of the MWDOC/Wyland Pocket Park</li> <li>• Submitted requests to Metropolitan for teams within the MWDOC service area interested in participating in the 2019 Solar Cup</li> <li>• Prepared and distributed a workshop interest survey to the PAW group</li> <li>• Heather provided a legislative update to the water use efficiency working group</li> </ul>
<b>Community Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Coordinated speaking engagement at San Juan Capistrano Rotary Club for Director Schneider</li> <li>• Are coordinating a Ricki Raindrop appearance at OC Coastkeeper's <i>Coastal Cleanup Day</i> on September 15 in Huntington Beach</li> </ul>
<b>Education</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Met with Inside the Outdoors (ITO) and Hashtagpinpoint (#P) representatives for education program promotion and social media strategy planning</li> <li>• Met with ITO educators to review and update presentation content and resources for upcoming school year</li> <li>• Coordinated logistics with LBCWD and Nix Nature Center to host November Girl Scout Patch clinic</li> <li>• Worked with Member Agencies to create custom slides for 2018-19 school presentations</li> <li>• Finalized and created promotional materials for 5 Girl Scout Patch program clinics</li> </ul>

	<ul style="list-style-type: none"> <li>Submitted school program article for Orange County Department of Education's STEM newsletter</li> <li>Provided program details and assistance to Troop leaders and parents registering for Girl Scout clinics</li> <li>Requested Member Agency materials on local reliability projects and investments for education program resources page</li> <li>Provided education program information and materials for City of Santa Ana</li> <li>Coordinated CORE program visit with ITO and City of Brea</li> <li>Provided information to City of Westminster on school visit scheduling</li> <li>Provided ETWD with information on November Girl Scout clinic</li> </ul>
<b>Media Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>Requested a meeting with OC Register Editorial Board</li> <li>Met with reporters and Board of Radio &amp; TV News Association</li> </ul>
<b>Special Projects</b>	<p>Public Affairs Staff</p> <ul style="list-style-type: none"> <li>Created an overview presentation of MWDOC programs and services which will be used on inspection trips and more</li> <li>Attended a planning meeting at Metropolitan for Director McKenney and Director Blois's shared inspection trip</li> <li>Staffed Director McKenney's SWP and CV Ag inspection trip</li> <li>Are currently working on itineraries, trip logistics, guest and Director requirements for the following inspection trips: <ul style="list-style-type: none"> <li>September 14-16, Director Barbre SWP/CV Ag</li> <li>September 28-30, Director Barbre Hoover/CRA</li> <li>October 12, Director Barbre Infrastructure</li> <li>October 19-20, Director McKenney CRA</li> <li>November 9-11, Director McKenney SWP/CV Ag</li> </ul> </li> <li>Prepared the cover and section sheets for the MWDOC Annual Financials booklet</li> <li>Completed several website page updates</li> <li>Prepared questions, and conducted panel interviews with three firms for MWDOC RFP No. PA0618-001 - Strategic Digital Communications Services</li> <li>Completed NIMS/ICS/SEMS training</li> <li>Provided a session intro write up and a MWDOC 101 presentation template to Director Yoo Schneider in consideration for her presentation at the 2018 WEFTEC Conference</li> <li>Attended an open house for Westamerica Communications</li> <li>Updated the District branded PowerPoint template, and added two additional slide options</li> <li>Developed a working plan for "Imagine a Day Without Water" campaign</li> <li>Developed water use efficiency tips and headlines for CSANS emails</li> <li>Created an inventory equipment guide for WUE leak detection kits</li> <li>Updated the District logo on service area maps in conference rooms 101 and 102</li> </ul>

<b>Special Projects (continued)</b>	<p>Heather and Christina staffed the ISDOC Executive Committee meeting.</p> <p>Heather and Christina created and sent out the ISDOC Executive Committee call for nominations announcements. Nominations are due on September 18.</p> <p>Heather coordinated with MWDOC's grant tracking contractor, Joey Soto of Soto Resources to present to the MWDOC Board her comprehensive report that will be used to gather, compile and share available grants information with MWDOC and its member agencies.</p> <p>Heather and Christina staffed the monthly WACO meeting featuring guest speaker OCWD John Kennedy.</p>
<b>Legislative Affairs</b>	<p>Public Affairs Staff created a fact sheet regarding SB 845</p> <p>Heather participated in the ACWA Region 10 conference call in advance of the ACWA State Legislative Committee meeting.</p> <p>Heather sent out information to MWDOC's member agencies on the (then) just released SB 845 which amended the water tax to a "voluntary remittance."</p> <p>Heather attended the ACWA State Legislative Committee meeting in Sacramento.</p> <p>Heather prepared an opposition letter to SB 845 and collected signatories from member agencies who wished to be a part of our coalition letter.</p> <p>Heather attended ACWA's working group on the implementation of the conservation legislation.</p> <p>Heather and Melissa participated in Metropolitan's legislative coordinators' meetings.</p> <p>Heather participated in the Southern California Water Coalition Legislative Task Force conference calls on August 17 and August 27.</p> <p>Heather prepared legislative Floor Alerts for:</p> <ul style="list-style-type: none"> <li>• AB 2050 (Caballero) – Support</li> <li>• SB 998 (Dodd) – Oppose</li> </ul> <p>Heather participated in ACWA's SB 998 working group and she prepared a veto letter to be sent to Governor Brown on SB 998 (Dodd)</p> <p>Heather prepared a letter and Floor Alert for SB 120 (Friedman) – oppose, the "gut and amend" of the old AB 1000.</p> <p>Heather attended a meet and greet with US EPA Region 9 Administrator Mike Stoker in San Francisco.</p>
<b>Water Summit</b>	<p>Public Affairs Staff worked with Disney staff to finalize the invoice for 2018, and participated in a planning meeting for 2019 OC Water Summit topics and themes</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
- Megan Yoo Schneider