

I hereby certify that the following agenda was posted at least 72 hours prior to the time of the meeting so noticed below at 24251 Los Alisos Boulevard, Lake Forest, California.

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ROBERT R. HILL, Secretary of the  
El Toro Water District and the Board of  
Directors thereof

**AGENDA**  
**EL TORO WATER DISTRICT**  
**PUBLIC HEARING**  
**&**  
**REGULAR MEETING OF THE**  
**BOARD OF DIRECTORS**

**(Director Monin will teleconference from**  
**Holiday Inn Auburn**  
**120 Grass Valley Highway**  
**Auburn, CA)**

**June 27, 2019**  
**7:30 a.m.**

**CALL MEETING TO ORDER – President Vergara**

**PLEDGE OF ALLEGIANCE – Director Havens**

**ORAL COMMUNICATIONS/PUBLIC COMMENTS**

Members of the public may address the Board at this time or they may reserve this opportunity with regard to an item on the agenda, until said item is discussed by the Board. Comments on other items will be heard at the time set aside for "DIRECTORS COMMENTS/NON-AGENDA ITEMS." The public will identify themselves when called on and limit their comments to three minutes.

**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.)

## **PRESENTATION OF AWARDS, RECOGNITIONS AND INTRODUCTIONS**

### **a. Service Awards**

There are no acknowledgements.

### **b. Continuing Education & Training, Degree and Certification Program acknowledgement**

1. Mr. Hill will recognize and congratulate Will Wesson, Maintenance Worker II, for obtaining his Water Distribution Operator Grade D3 certification from the State Water Resources Control Board.

### **c. Special District/Employee Association/Community Award Acknowledgement and Employee Special Recognition**

There are no acknowledgements.

## **PROCLAMATION FROM CHAIRWOMAN LISA BARTLETT'S OFFICE**

A representative (Sergio Prince, Community Relations Advisor) will be presenting Bob Hill a Proclamation from Chairwoman's Lisa Bartlett's office honoring Mr. Hill's 45 years of service with ETWD.

### **1. INCREASES TO CERTAIN WATER AND RECYCLED WATER SERVICE RATES AND CHARGES (Reference Material Included)**

Prior to opening the public hearing, Staff will review and comment on proposed amendments to Schedules No. 1-W and 3-S of the District's Rules and Regulations as it relates to proposed increases to certain water and recycled water service rates and charges. The proposed increases have been incorporated in the District's approved 2019/20 Operating Budget.

Following today's public hearing, the Board of Directors will be requested to consider taking action to adopt Resolution No. 19-6-1 approving amendments to Schedules No. 1-W and 3-S of the District's Rules and Regulations as it relates to increases to certain water and recycled water service rates and charges.

## **OPEN PUBLIC HEARING**

### **2. PUBLIC HEARING REGARDING ADOPTION OF PROPOSED INCREASES TO CERTAIN WATER AND RECYCLED WATER SERVICE RATES (Reference Material Included)**



At this time the Board of Directors will conduct a public hearing to receive and consider public comments and protests regarding proposed increases to certain water and recycled water service rates and charges.

## **PUBLIC COMMENT**

The Public will be invited to comment on the proposed increase to the District's rates and charges.

## **CLOSE PUBLIC HEARING**

The Board President will close the Public Hearing at this time.

## **REGULAR SESSION**

3. **RESOLUTION NO. 19-6-1 ADOPTING AMENDMENTS TO THE DISTRICT'S RULES AND REGULATIONS** (Reference Material Included)

The Board of Directors will review Resolution No. 19-6-1 and consider taking action on same.

**Recommended Action:** The Board of Directors will consider adopting Resolution No. 19-6-1 which Resolution 1) provides for an increase to certain water and recycled water service rates and charges, effective July 1, 2019, and 2) makes findings and a determination that the action taken in this Resolution is exempt from the requirements of the California Environmental Water Quality Act.

### **RESOLUTION NO. 19-6-1**

RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE EL TORO WATER DISTRICT  
APPROVING AN AMENDMENT TO THE  
DISTRICT'S RULES AND REGULATIONS,  
WHICH AMENDMENT 1) PROVIDES FOR AN INCREASE TO  
CERTAIN OF THE DISTRICT'S WATER  
& RECYCLED WATER SERVICE RATES AND CHARGES  
AND  
2) MAKES FINDINGS AND DETERMINATIONS  
THAT THE ACTION TAKEN IN THIS  
RESOLUTION IS EXEMPT FROM THE  
REQUIREMENTS OF THE CALIFORNIA  
ENVIRONMENTAL QUALITY ACT (CEQA)

## **CONSENT CALENDAR**

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

4. **Approval of Minutes** (Minutes Included)

Consider approving the minutes of the May 22, 2019 Special Board meeting.

Consider approving the minutes of the May 23, 2019 Board meeting.

**APPROVAL OF ITEMS REMOVED FROM TODAY'S CONSENT CALENDAR**

The Board will discuss items removed from today's Consent Calendar requiring further discussion.

**Recommended Action:** The Board will be requested to approve the items removed from today's consent Calendar.

**DIRECTOR/COMMITTEE REPORTING**

5. **Director Reports for Meetings Attended** (Oral Report)

**GENERAL MANAGER ACTION ITEMS**

6. **OC LAFCO Election for the Special District Regular and Alternate Seats** (Reference Material Included)

Staff will review and comment on the LAFCO ballots for the upcoming election along with Candidate support requests received. Ballots for each seat (2 candidates for the Regular seat, 3 candidates for the Alternate seat) were received on June 17. Ballots are due back to LAFCO by 3:00 p.m. on Friday July 19, 2019.

**Recommended Action:** Staff recommends that the Board review and consider candidates listed on the Regular seat ballot and the Alternate seat ballot and authorize ETWD's designated voting representative and/or the Alternate voting representative to cast votes consistent with the Board's direction.

7. **Resolution No. 19-6-2 Placing in Nomination Director Mark Monin as a Board Member of Region 10 of the Association of California Water Agencies** (Reference Material Included)

Staff will review and comment on Resolution No. 19-6-2 Placing in Nomination Director Mark Monin as a Board Member of Region 10 of the Association of California Water Agencies 2020/21 term.

**Recommended Action:** Staff recommends that the Board approve Resolution No. 19-6-2 Placing in Nomination Director Mark Monin as a Board Member of Region 10 of the ACWA Region 10 2020-2021 term and to submit same along with the Regional Board Candidate Nomination Form to ACWA on or before June 28, 2019.

## RESOLUTION NO 19-6-2

### RESOLUTION OF THE BOARD OF DIRECTORS OF THE EL TORO WATER DISTRICT PLACING IN NOMINATION DIRECTOR MARK MONIN AS A BOARD MEMBER OF REGION 10 OF THE ASSOCIATION OF CALIFORNIA WATER AGENCIES

#### GENERAL MANAGER INFORMATION ITEMS

8. **General Manager's Monthly Report** (Report Included)

Staff will review and comment on the General Manager's Monthly Report.

9. **State Drought Regulations – Monthly Report** (Reference Material Included)

Staff will review and comment on reporting of monthly and cumulative water production compared to actual water production in 2013.

10. **Legislative Reports** (Reference Materials Included)

Staff and General Counsel will review and comment on the Legislative reports.

11. **Public Education and Outreach & Water Conservation Reports** (Reference Material Included)

12. **SOCWA Reports** (Reference Material Included)

- a. SOCWA Finance Committee Meeting – June 4, 2019
- b. SOCWA Board Meeting – June 6, 2019
- c. SOCWA Engineering Committee Meeting – June 13, 2019
- d. SOCWA Special Board Meeting – June 20, 2019

**13. Municipal Water District Of Orange County (MWDOC) Report**  
(Reference Material Included)

- a. MWDOC Planning/Operations Committee – June 3, 2019
- b. MWDOC Special Board Meeting – June 3, 2019
- c. MWDOC/MET Directors Workshop – June 5, 2019
- d. MWDOC Special Board Meeting – June 5, 2019
- e. MWDOC Administration & Finance Committee – June 12, 2019
- f. MWDOC Public Affairs & Legislation Committee – June 17, 2019
- g. MWDOC Board Meeting – June 19, 2019
- h. MWDOC Managers Meeting – June 20, 2019

**14. Local Agency Formation Commission (LAFCO) Report**

- a. Report on the June 12, 2019 LAFCO meeting

**15. South Orange County Watershed Management Area (SOCWMA) Management and/or Executive Committee Report**

- a. Report on the June 6, 2019 SOCWMA meeting.

**16. ISDOC Meetings** (Reference Material Included)

- a. Report on the June 4, 2019 ISDOC Executive Committee Meeting

**17. WACO Meetings** (Reference Material Included)

- a. Report on the June 7, 2019 WACO Meeting
- b. Report on the June 18, 2019 WACO Planning Committee meeting

**18. City Coordination Efforts**

Report on the May 29, 2019 Lake Forest Utility Coordination meeting.

**COMMITTEE AND GENERAL INFORMATION**

**19. Dates to Remember for June/July 2019**(Reference Material Included)

**20. Carry-Over Pending Matters**

## **DIRECTOR COMMENTS/NON-AGENDA ITEMS**

### **ATTORNEY REPORT**

### **CLOSED SESSION**

At this time the Board will go into Closed Session as follows:

1. In accordance with Government Code Section 54956.96 in order to receive, discuss, and/or take action concerning information obtained by the District's representative pertaining to a closed session of the South Orange County Wastewater Authority ("SOCWA"), a joint powers agency.
2. At this time, the Board will go into Closed Session pursuant to Government Code Section 54957 (b) (1) to discuss and consider the appointment/employment of a General Manager effective following Mr. Hill's scheduled retirement, and (2) to consult with the Board's designated representatives (Ad Hoc Negotiating Committee members President Vergara and Director Gaskins) pursuant to Government Code Section 54957.6 the potential compensation for said appointment/position. Action on this matter will be considered in Open Session.
3. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (2) to consult with legal counsel and staff –Potential Litigation (one matter).

### **REGULAR SESSION**

#### **REPORT ON CLOSED SESSION (Legal Counsel)**

Mr. Granito will provide an oral report on the Closed Session.

#### **21. Appointment of General Manager and Approval of Employment Agreement**

The Board will consider appointing Dennis P. Cafferty to the position of General Manager, effective following Mr. Hill's scheduled retirement, and approval of the Employment Agreement for said position/appointment.

### **ADJOURNMENT**

**Recommended Action:** The Board will be requested to take action adjourning today's Board meeting to **Thursday, July 25, 2019 at 7:30 a.m.** at the El Toro Water District, 24251 Los Alisos Boulevard, Lake Forest, California.

*The agenda material for this meeting is available to the public at the District's Administrative Office, which is located at 24251 Los Alisos Blvd., Lake Forest, Ca. 92630. If any additional material related to an open session agenda item is distributed to all or a majority of the board of directors after this agenda is posted, such material will be made available for immediate public inspection at the same location.*

**Request for Disability-Related Modifications or Accommodations**

*If you require any disability-related accommodation, including auxiliary aids or services, in order to participate in this public meeting, please telephone the District's Recording Secretary, Polly Welsch at (949) 837-7050, extension 225 at least forty-eight (48) hours prior to said meeting. If you prefer, your request may be submitted in writing to El Toro Water District, P.O. Box 4000, Laguna Hills, California 92654, Attention: Polly Welsch.*

# **SCHEDULE 1-W**

## **GENERAL METERED POTABLE WATER SERVICE (REDLINE)**

# EL TORO WATER DISTRICT

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## Schedule No. 1-W

### GENERAL METERED POTABLE WATER SERVICE

**Water Usage Charge:** Applicable to all residential and potable irrigation metered water service.

Water use is charged on a Water-Budget Based Tiered Conservation Rate Structure. Water Budgets for each residential and potable irrigation customer includes an Indoor Budget and an Outdoor Budget

Budgets are based on the following:

#### **Indoor Budget:**

55 gallon/ person/ day \* number of occupancies \* number of days in the billing cycle/ 748 gallon per billing units plus approved variances.

Occupancy is assumed to be four residents for single family detached, three residents for attached unrestricted and two residents for attached and detached restricted residential communities. Occupancy adjustments will be made where warranted.

The calculation of the Indoor budget is subject to a Drought Factor as determined by the Board. The current Drought Factor is 1.0.

#### **Outdoor Budget:**

Landscape area\* weather factor\*efficiency factor/1200 per billing unit plus approved variances.

The calculation of the Outdoor budget is subject to a Drought Factor as determined by the Board. The current Drought Factor is 1.0.

The Indoor water budget, as determined above, will be billed at Tier I ("Indoor – Efficient") rates. The Outdoor water budget, as determined above, will be billed at Tier II ("Outdoor – Efficient") rates. Water use in excess of the Tier I and II water budget would be deemed inefficient and/or excessive. Tier III ("Inefficient") water use would be usage between 100% and 130% of the total Tier I and II water budget and Tier IV ("Excessive") usage would be consumption over Tier III.

Approved by Resolution 19-6-1

Approved by Resolution 18-6-1

Approved by Resolution 17-6-1

Approved by Resolution 16-6-2

Approved by Resolution 15-7-1

Approved by Resolution 14-6-2

Effective 07/01/19

Effective 07/01/18

Effective: 07/01/17

Effective: 07/01/16

Effective: 08/01/15

Effective: 07/01/14



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Exhibit "A" to Resolution No. 198-6-1

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Effective July 1, 2019 Potable Water Usage Rates will be:

Tier I – Indoor - Efficient	\$2.528/CCF
Tier II – Outdoor - Efficient	\$2.947/CCF
Tier III – Inefficient	\$6.0814/CCF
Tier IV – Excessive	\$7.828/CCF

## **Water Budget - Variance/Adjustment Process**

**Adjustments** – Individual water budgets are primarily based on permanent residency (occupancy) and landscape irrigation area in square feet.

**Occupancy** - In general, residency is assumed to be as follows

- 1) Single Family – 4 permanent residence
- 2) Multi-family, unrestricted (including condo, trailer parks and townhomes)  
- 3 permanent residence
- 3) Multi-family, restricted (restricted due to age limitations)  
- 2 permanent residence, and
- 4) Multi-family, apartments – 2 permanent residence

Customers who believe their permanent occupancy differs from the above may request an adjustment to their occupancy factor. All adjustment requests must be in writing on forms provided by the District and signed by the customer (Account Holder.) The General Manager may require supporting documentation to support a claim for additional permanent occupants.

Request for additional permanent occupants will be granted based on criteria established by the General Manager.

**Landscape Irrigation Area** – Each customer's landscape irrigation area was established based on the county of Orange Assessor's parcel data, on-line parcel information, customer representations and/or independent measurements.

Customers who believe their landscape irrigation area is incorrect may request an adjustment. All adjustment requests must be in writing on forms provided by the District and signed by the customer (Account Holder.) The General Manager may require supporting documentation to support a claim for additional landscape irrigation area. Request for adjustments to landscape irrigation area will be granted based on criteria

# EL TORO WATER DISTRICT

established by the General Manager.

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**Variances** – Water budgets have been developed using industry standards to provide all customers with the appropriate amount of water given then current hydrological conditions. If, for any reason a customer believes that their water budget is inadequate due to extenuating circumstances they may request a temporary or permanent variance for additional water. All variance requests must be in writing on forms provided by the District and signed by the customer (Account Holder.) The General Manager may require supporting documentation to support a claim for an increase in the water budget.

Request for temporary or permanent variances will be granted based on criteria established by the General Manager.

**General** - All requests for variance/adjustments must be in writing and signed by the customer (account holder). The District reserves the right to request additional documentation in support of the request. Approved variances/adjustments will become effective at the beginning of the billing period after approval, and will remain active for a period of 24 months, at which time the customer will be required to re-confirm the circumstances surrounding the original request.

The General Manager must act upon any completed application no later than ten (10) days after submittal and may approve, conditionally approve, or deny the request for variance/adjustment. The customer requesting the variance/adjustment must be promptly notified in writing of any action taken. The decision of the General Manager will be final.

**Potable Water Usage Charge:** Applicable to all commercial, institutional and industrial (CII) metered water service.

Effective July 1, 2018<sup>99</sup>, the uniform CII Potable Water Usage Rate will be \$2.89<sup>95</sup>/CCF.

## **Water Operations & Maintenance (O&M) Charge**

Effective July 1, 2018<sup>99</sup>, the Water O&M Charges are as follows:

	<b><u>Per Meter Per Month</u></b>
For 5/8 inch meter	\$12.96 <sup>4.14</sup>
For 3/4 inch meter	\$17.37 <sup>8.99</sup>
For 1 inch meter	\$26.20 <sup>8.70</sup>
For 1 ½ inch meter	\$48.25 <sup>52.98</sup>
For 2 inch meter	\$92.36 <sup>101.52</sup>

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## Capital Replacement and Refurbishment (R&R) Charge – Water

Effective July 1, 2018, the Capital R&R Charges - Water are as follows:

	Per Meter Per Month
For 5/8 x 3/4 inch meter	\$4.66
For 3/4 inch meter	\$4.66
For 1 inch meter	\$7.78
For 1 ½ inch meter	\$18.91
For 2 inch meter	\$47.47

The Water O&M Charge and the Capital R&R Charge are applicable to all active general metered water service, which is added to the charge for water used during the month computed at the Water Usage Charge.



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## Schedule No. 1-W

### SPECIAL PROVISIONS:

#### 1. LIFE LINE RATE ASSISTANCE PROGRAM:

Customers providing the District with satisfactory evidence of having a household income of \$15,000 or less per calendar year may qualify for the Life Line Rate Assistance program. The Life Line Rate Assistance Program provides a waiver for the Water O&M Charge for qualified customers. In order to qualify, a customer must submit an application and Statement of Eligibility (Form 3/98 attached).

An approved application is valid for three years from the date of acceptance and is not automatically transferred or renewed.

The waiver will apply only to the customer's primary residence.

Proof of eligibility may be required.

#### 2. NON-REGISTERING METERS:

The District may bill the customer for water consumed while the meter was non-registering. Billing will be based upon an estimate of the consumption according to the customer's prior use during the same season of the year, or upon an estimate based upon a reasonable comparison with the use of other customers during the same period receiving the same class of service under similar circumstances and conditions. Billing estimation will not exceed two consecutive billings.

#### 3. RESIDENTIAL UNITS:

##### Termination of Service

1. The District may terminate service for non-payment of a delinquent account. In such event, at least 10 days prior to the proposed termination the District shall first give notice of the delinquency and impending termination by means of a notice mailed, postage prepaid, to the customer of record to whom service is billed not earlier than 19 days from the date of mailing of the District's bill for services, and the 10 day period shall not commence until 5 days after the mailing of the notice.

2. The District shall make a reasonable, good faith effort to contact an adult person residing on the premises of the customer by telephone or in person at least 48 hours prior to any termination of service except that whenever telephone or personal contact cannot be accomplished, the District shall give by mail or by posting in a conspicuous location at the premises, a notice of termination of service, at least 48 hours prior to termination.

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3. Every notice of termination of service pursuant to paragraph 1 above shall include all of the following information:

- (1) The name and address of the customer whose account is delinquent;
- (2) The amount of the delinquency;
- (3) The date by which payment or arrangements for payment is required in order to avoid termination;
- (4) The procedure by which the customer may initiate a complaint or request an investigation concerning service or charges;
- (5) The procedure by which the customer may request amortization of the unpaid charges;
- (6) The procedure for the customer to obtain information on the availability of financial assistance, including private, local, state or federal sources if applicable; and
- (7) The telephone number of a representative of the District who can provide additional information or institute arrangements for payment.

The District shall not terminate residential service for non-payment in any of the following situations:

1. During the pendency of an investigation by the District of a customer dispute or complaint.
2. When a customer has been granted an extension of the period for payment of a bill.
3. On the certification of a licensed physician that to do so would be life threatening to the customer and the customer is financially unable to pay for service within the normal payment period and is willing to enter into an amortization agreement with the District with respect to all charges that the customer is unable to pay prior to delinquency.



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## Schedule No. 1-W

### Payment Extension

Any residential customer who has initiated a complaint or requested an investigation within five days of receiving the disputed bill, or has within 13 days of the District's 10 day notice of termination made a request for extension of the payment period of a bill asserted to be beyond the means of a customer to pay in full during the normal period of payment, shall be given an opportunity for review of the complaint, investigation or request by General Manager of the District or their designee. The review shall include consideration of whether the customer shall be permitted to amortize the unpaid balance of the account over a reasonable period of time, not to exceed twelve months. No termination of service shall be effected for any customer complying with an amortization agreement, if the customer also keeps the account current as charges accrue in each subsequent billing period.

Any customer whose complaint or request for an investigation pursuant to these provisions has resulted in an adverse determination by the District may appeal the determination to the District's Board of Directors.

Any customer meeting the requirements of these provisions shall upon request, be permitted to amortize, over a period not to exceed 12 months, the unpaid balance of any bill asserted to be beyond the means of the customer to pay within the normal period for payment.

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*Termination of residential service may not be effected without compliance with these provisions and any service wrongfully terminated shall be restored without charges for the restoration of service. In addition, termination of service may not be effected on any Saturday, Sunday, legal holiday, or at any time during which the business offices of the District are not open to the public.*

# EL TORO WATER DISTRICT

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# EL TORO WATER DISTRICT

## APPLICATION and STATEMENT of ELIGIBILITY For EL TORO WATER DISTRICT LIFE LINE RATE ASSISTANCE PROGRAM

### 1. APPLICATION INFORMATION: PLEASE PRINT

Your Name: \_\_\_\_\_  
Last First Middle

Name as it appears on billing statement: \_\_\_\_\_  
Last First Middle

Service Address: \_\_\_\_\_  
Street City Zip Code

Telephone No: ( ) \_\_\_\_\_ Number of Persons in the Household: \_\_\_\_\_

Your ETWD Account Number as shown on your billing statement: \_\_\_\_\_

### 2. SIGN APPLICATION:

By signing this application, I declare under penalty of perjury that I have read and understand my responsibilities if I am approved for the life line rate. I further declare that I do meet the qualifications for the lifeline income rate benefits that I have requested. I understand that if I move or become ineligible to receive the discount that I must notify ETWD immediately. I understand that I must renew my application for the discount each time I change residences. If I do not change residences, I must reapply every three years or sooner *as set forth in Schedule No. 1-W of the Rules and Regulations of the El Toro Water District*. I also understand that the discount applies only to one residence at any one time and that it must be my permanent residence. I understand that if I am approved for the discount, I will begin receiving it no more than one billing period after ETWD receives my completed application.

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date

24251 Los Alisos Boulevard Lake Forest, CA 92630 (949) 837-7050 FAX (949) 837-7092 E-mail:district@etwd.com



# EL TORO WATER DISTRICT

## CUSTOMER APPLICATION DOMESTIC LIFE LINE RATE

Any customer of the El Toro Water District whose account is in his or her name and can provide to the District satisfactory evidence of having a household income of \$15,000 or less per year may request that the service charge of waived.

To find out what your combined income is add together the income for each person living with you. Sources of that income include, but are not limited to the following:

Social Security Benefits	\$ _____	Disability Benefits	\$ _____
Royalties & Rental Income	\$ _____	Interests & Dividends	\$ _____
Wages, Tips & Salary	\$ _____	Retirement Benefits	\$ _____
Unemployment Benefits	\$ _____	Cash Public Assistance	\$ _____
Veteran's Benefits	\$ _____	Food Stamps	\$ _____

**TOTAL \$** \_\_\_\_\_

**REMEMBER** only qualified customers can sign up for the program. When you fill out your application form, you will be signing a document under penalty of perjury that states you meet the qualifications. **WE MAY ASK YOU TO PROVIDE PROOF OF INCOME.** Proof of income includes but is not limited to copies of any of the following documents:

- State or Federal income tax returns
- Paycheck stubs
- W-2 or 1099 tax forms
- Copies of state and federal records proving income such as military pensions
- Social Security
- Other documents that would prove income levels

# EL TORO WATER DISTRICT

## HOUSEHOLD MEMBERS

<u>NAMES</u>	<u>AGES</u>

# **SCHEDULE 3-S**

## **RECYCLED WATER SALES & SERVICE (REDLINE)**

# EL TORO WATER DISTRICT

## RULES AND REGULATIONS

### Schedule 3-S

### RECYCLED WATER SALES & SERVICE

<u>Approved by Resolution No. 19-6-1</u>	<u>Effective 07/01/19</u>
Approved by Resolution No. 18-6-1	Effective 07/01/18
Approved by Resolution No. 17-6-1	Effective 07/01/17
Approved by Resolution No. 16-6-2	Effective 07/01/16
Approved by Resolution No. 15-7-1	Effective 8/01/15
Approved by Resolution No. 14-6-2	Effective 7/01/14
Approved by Resolution No. 14-3-1	Effective 3/27/14
Approved by Resolution No. 13-6-2	Effective 07/01/13
Approved by Resolution No. 12-6-3	Effective 07/01/12

**EL TORO WATER DISTRICT**

**Schedule No. 3-S**

**RECYCLED WATER SALES & SERVICE**

**Recycled Water Usage Rates**

Effective July 1, 2019 the Recycled Water Usage Rate will be \$2.627/CCF.

**Recycled Water Operations & Maintenance (O&M) Charge**

Effective July 1, 2018, the Water O&M Charges are as follows:

	<b><u>Per Meter Per Month</u></b>
For 5/8 inch meter	\$12.964.14
For 3/4 inch meter	\$17.378.99
For 1 inch meter	\$26.208.70
For 1 ½ inch meter	\$48.2552.98
For 2 inch meter	\$92.36101.52

**Capital Replacement and Refurbishment (R&R) Charge –Recycled Water**

Effective July 1, 2018, the Capital R&R Charges –Recycled Water are as follows:

	Per Meter Per Month
For 5/8 x 3/4 inch meter	\$4.66
For 3/4 inch meter	\$4.66
For 1 inch meter	\$7.78
For 1 ½ inch meter	\$18.91
For 2 inch meter	\$47.47

The Recycled Water O&M Charge and the Capital R&R Charge are applicable to all active general metered Recycled Water service, which is added to the charge for Recycled Water used during the month computed at the Recycled Water Usage Rate.



ADMINISTRATION SYSTEMS, INC. A SUBSIDIARY OF THE CALIFORNIA FUNDING CORPORATION (CFA) IMPAC A CALIFORNIA CORPORATION, as Beneficiary of the PUBLIC AUCTION TO THE HIGHEST BIDDER (payable at time of sale in lawful money of cash, a cashier's check drawn by a state or federal savings and loan association, or savings bank specified in section 1 Code and authorized to do business in this state) front entrance to 8180 East Kaiser Blvd., Anaheim Hills, CA 92808, NO RESERVE SALE - continued all right, title and interest now held by it under said Deed of Trust in said County, California described in the Tract No. 1346, in the City of Santa Ana, as recorded in Book 41, Page(s) 3, of Miscellaneous of the County Recorder of said County. The described is being sold "as is". The street address designation, if any, of the real property is purported to be: 2318 WEST ELDER AVE., CA 92704. The undersigned Trustee disavows any incorporeality of the street address designation, if any, shown herein. Said sale without covenant or warranty, expressed or implied, possession, or encumbrances, to pay the sum of the note(s) secured by said Deed of Trust, as provided in said note(s), advance terms of the Deed of Trust, estimated fees, expenses of the Trustee and of trusts created by the Deed of Trust, \$172,573.56 (Estimated). Accrued interest advances, if any, will increase this figure. Beneficiary under said Deed of Trust heretofore delivered to the undersigned a written Declaration of Demand for Sale, and a written Notice of Sale. The undersigned caused said Notice of Sale to be recorded in the county where located and more than three months have elapsed. DATE: 5/21/2019 CALIFORNIA'S Trustee 8190 EAST KAISER BLVD., ANAHEIM HILLS, CA 92808 PHONE: 714-283-2180 FOR TRUSTEE INFORMATION LOG ON TO: www.stoxposting.com PATRICIO S. INCE, VICE PRESIDENT, SPECIALIST IS A DEBT COLLECTOR ATTACHED TO A DEBT. ANY INFORMATION OBTAINED FOR THAT PURPOSE, "NOTICE TO CREDITORS: If you are considering bidding on this should understand that there are risks in a trustee auction. You will be bidding on a property itself. Placing the highest bid at a trustee auction automatically entitle you to free and clear property. You should also be aware that the offer may be a junior lien. If you are the highest bidder, you are or may be responsible for paying to the lien being auctioned off, before you take title to the property. You are encouraged to inquire, priority, and size of outstanding liens is property by contacting the county recorder or insurance company, either of which may provide this information. If you consult either of them should be aware that the same lender may have a mortgage or deed of trust on the property. PROPERTY OWNER: The sale date shown on this notice may be postponed one or more times by the Trustee, trustee, or a court, pursuant to Section 5602 of the Civil Code. The law requires that information be made available to the public, as a courtesy to those not present at the sale, to learn whether your sale date has been postponed, the rescheduled time and date for the sale, you may call 844-477-7869, or visit this internet site: www.stoxposting.com, using the file number as case T.S.# 83601. Information about the sale is very short in duration or that occur close to the sale may not immediately be reflected in the newspaper or on the Internet Web site. The best information is to attend the scheduled sale. ORNIA TD SPECIALISTS Attn: Teri Snyder, Anaheim Hills, CA 92808. County Register May 29, June 5/12, 2019 11274176

# ANGELS • DODGERS

## Complete team coverage in Sports

**ELIZABETH L. HAUT**  
Case No. 30-2019-01072723-PR-LA-CJC  
To all heirs, beneficiaries, creditors, contingent creditors, and persons who may otherwise be interested in the will or estate, or both, of ELIZABETH LYNN HAUT aka ELIZABETH L. HAUT  
A PETITION FOR PROBATE has been filed by Jason David Haut in the Superior Court of California, County of ORANGE.  
THE PETITION FOR PROBATE requests that Jason David Haut be appointed as personal representative to administer the estate of the decedent.  
THE PETITION requests authority to administer the estate under the Independent Administration of Estates Act. (This authority will allow the personal representative to take many actions without obtaining court approval. Before taking certain very important actions, however, the personal representative will be required to give notice to interested persons unless they have waived notice or consented to the proposed action.) The independent administration authority will be granted unless an interested person files an objection to the petition and shows good cause why the court should not grant the authority.  
A HEARING on the petition will be held on July 3, 2019 at 10:30 AM in Dept. No. C08 located at 700 CIVIC CENTER DRIVE W, SANTA ANA CA 92701.  
IF YOU OBJECT to the granting of the petition, you should appear at the hearing and state your objections or file written objections with the court before the hearing. Your appearance may be in person or by your attorney.  
IF YOU ARE A CREDITOR or a contingent creditor of the decedent, you must file your claim with the court and mail a copy to the personal representative appointed by the court within the later of either (1) four months from the date of first issuance of letters to a general personal representative, as defined in section 58(b) of the California Probate Code, or (2) 60 days from the date of mailing or personal delivery to you of a notice under section 9052 of the California Probate Code.  
Other California statutes and legal authority may affect your rights as a creditor. You may want to consult with an attorney knowledgeable in California law.  
YOU MAY EXAMINE the file kept by the court. If you are a person interested in the estate, you may file with the court a Request for Special Notice (form DE-154) of the filing of an inventory and appraisal of estate assets or of any petition or account as provided in Probate Code section 1250. A Request for Special Notice form is available from the court clerk.  
Attorney for petitioner:  
**ROBERT L. COHEN ESQ.**  
SBN 150913  
LAW OFFICES OF  
**ROBERT L. COHEN INC.**  
8081 ORANGETHORPE AVE  
BUENA PARK CA 90621  
CN961086 HAUT Jun 5, 6, 12, 2019  
Published: Orange County Register 11277923

consented to the proposed action.) The independent administration authority will be granted unless an interested person files an objection to the petition and shows good cause why the court should not grant the authority.  
A HEARING on the petition will be held in this court as follows: 07/03/19 at 10:30AM in Dept. C-8 located at 700 CIVIC CENTER DRIVE WEST, SANTA ANA, CA 92701  
IF YOU OBJECT to the granting of the petition, you should appear at the hearing and state your objections or file written objections with the court before the hearing. Your appearance may be in person or by your attorney.  
IF YOU ARE A CREDITOR or a contingent creditor of the decedent, you must file your claim with the court and mail a copy to the personal representative appointed by the court within the later of either (1) four months from the date of first issuance of letters to a general personal representative, as defined in section 58(b) of the California Probate Code, or (2) 60 days from the date of mailing or personal delivery to you of a notice under section 9052 of the California Probate Code.  
Other California statutes and legal authority may affect your rights as a creditor. You may want to consult with an attorney knowledgeable in California law.  
YOU MAY EXAMINE the file kept by the court. If you are a person interested in the estate, you may file with the court a Request for Special Notice (form DE-154) of the filing of an inventory and appraisal of estate assets or of any petition or account as provided in Probate Code section 1250. A Request for Special Notice form is available from the court clerk.  
Attorney for Petitioner  
**ANTOINE R. GADPAILLE, ESQ. - SBN 284391**  
THE LAW OFFICE OF GERARD W. O'BRIEN  
2878 E. IMPERIAL HIGHWAY  
BREA CA 92821  
671, 612, 618/19  
CNS-3262304#  
THE REGISTER 11280053

Legal Notice	Legal Notice	Legal Notice	Legal Notice
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### NOTICE OF PUBLIC HEARING AND PROTEST PROCEEDING

The Governing Board of the El Toro Water District (the "District") will conduct a public hearing on June 27, 2019 at 7:30 a.m. in the Board Room of its Administrative Office located at 24251 Los Alisos Blvd., Lake Forest, CA 92630. The purpose of the hearing will be to consider adoption of proposed increases to potable water usage rates, the uniform recycled water usage rate and the fixed meter operation and maintenance charges for potable water and recycled water. Property (parcel) owners may comment and may file a written protest (one vote per parcel owned) on the proposed increases. California law prohibits the District from increasing rates, fees and charges if a majority of the affected property (parcel) owners, file a written protest opposing the proposed increases before the end of the public hearing. Written protests must be submitted to the District at P.O. Box 4000, Laguna Hills, CA 92654 or personally submitted on or before the end of the public hearing, which is scheduled for 7:30 a.m. on June 27, 2019. Each protest must identify the affected property (parcel) and include the signature of the record property (parcel) owner. Email protests will not be accepted. Oral protests at the public hearing will not qualify as a protest, unless accompanied by a written protest. The District's Board of Directors welcomes input from the public during the public hearing.

Copies of the proposed rates, fees and charges and data indicating the amount of cost, or estimated cost, required to provide the service for which the rates, fees and charges are levied and the revenue sources anticipated to provide the service, including general fund revenues and reserves, are available for public inspection at the District's Administrative Offices and on the District's website ([www.etwd.com](http://www.etwd.com)) (Raffetis Cost of Service Study-April 9, 2019 and Proposition 218 Notice-2019).

Questions concerning this matter should be referred to Robert R. Hill, General Manager, at (949) 837-7050.

Publish: June 12, 19, 2019

Robert R. Hill  
General Manager

Orange County Register 11279567



should appear at the hearing and objections or file written objections prior to the hearing. Your appearance may be in person or by your attorney.

**ARE A CREDITOR** or contingent of the decedent, you must file your claim with the court and mail a copy to the personal representative appointed by the court in the later of either (1) four months from the date of first issuance of letters of administration or (2) 60 days from the date of personal delivery to you of a notice of probate under section 9052 of the California Probate Code.

California statutes and legal authority affect your rights as a creditor. You may consult with an attorney knowledgeable in probate law.

**EXAMINE** the file kept by the court if you are a person interested in the estate. You may file with the court a Request for Examination (form DE-154) of the filing of an inventory and appraisal of estate assets or of a petition or account as provided in Probate Code section 1250. A Request for Special Notice form is available from the court clerk.

**E. CANESTRELLI  
670 PARK DRIVE  
LA, CALIFORNIA  
91204**

OC Register  
9, 25, 2019 11283172

I that the undersigned intends to sell the property described below to enforce a lien pursuant to Sections 21700-21716 of the California Civil Code, Section 535 of the California Civil Code.

public sale by competitive bidding on June 19, 2019, at 9:30am, on the premises where the property is located at 103 E. Alton Ave., State of California.

described generally as business and personal property.

**STOMASHUTTERS**

at the time of purchase in cash only. There is and must be removed at the time of purchase.

in the event of settlement between the parties.

and Wednesday, June 19, 2019.

**ED SCHOOL DISTRICT**

**TO BIDDERS**

**NO. 26-19**

**OFFICE FURNITURE**

act Code 20111, notice is hereby given that the School District, will receive up to, 1 JULY 10, 2019, at the District Office, 1001 Avenue, Santa Ana, CA 92701, a contract for the purchase of OFFICE FURNITURE.

read aloud at the above stated date, conform and be responsive to the bid by be obtained on the Purchasing website [www.ocprocusd.us](http://www.ocprocusd.us) or by calling the Purchasing Office at (949) 837-7050.

d for a period of sixty (60) days after the date of the bid.

sented on a form furnished by the District.

to waive any irregularities, accept or reject any items thereon.

**ANA UNIFIED SCHOOL DISTRICT**

in Geisler  
r of Purchasing

ister

1268

A PETITION FOR PROBATE has been filed by PHILLIP A. BURNETTE, SHANNON L. JORDAHL, KRISTI L. BURNETTE in the Superior Court of California, County of ORANGE.

THE PETITION FOR PROBATE requests that KRISTI L. BURNETTE be appointed as personal representative to administer the estate of the decedent.

THE PETITION requests the decedent's WILL and codicils, if any, be admitted to probate. The WILL and any codicils are available for examination in the file kept by the court.

THE PETITION requests authority to administer the estate under the Independent Administration of Estates Act. (This authority will allow the personal representative to take many actions without obtaining court approval. Before taking certain very important actions, however, the personal representative will be required to give notice to interested persons unless they have waived notice or consented to the proposed action.) The independent administration authority will be granted unless an interested person files an objection to the petition and shows good cause why the court should not grant the authority.

A HEARING on the petition will be held in this court as follows: 07/11/19 at 10:30AM in Dept. C8 located at 700 CIVIC CENTER DRIVE WEST, SANTA ANA, CA 92701.

IF YOU OBJECT to the granting of the petition, you should appear at the hearing and state your objections or file written objections with the court before the hearing. Your appearance may be in person or by your attorney.

IF YOU ARE A CREDITOR or a contingent creditor of the decedent, you must file your claim with the court and mail a copy to the personal representative appointed by the court within the later of either (1) four months from the date of first issuance of letters to a general personal representative, as defined in section 58(b) of the California Probate Code, or (2) 60 days from the date of mailing or personal delivery to you of a notice under section 9052 of the California Probate Code.

Other California statutes and legal authority may affect your rights as a creditor. You may want to consult with an attorney knowledgeable in California law.

YOU MAY EXAMINE the file kept by the court. If you are a person interested in the estate, you may file with the court a Request for Special Notice (form DE-154) of the filing of an inventory and appraisal of estate assets or of any petition or account as provided in Probate Code section 1250. A Request for Special Notice form is available from the court clerk.

**KRISTI L. BURNETTE, PHILLIP A. BURNETTE, SHANNON L. JORDAHL  
830 S. AMBER LANE  
ANAHEIM CA 92807  
672, 673, 679/19  
CNS-3260602#**

**THE REGISTER 11278182**

#### NOTICE OF PUBLIC HEARING AND PROTEST PROCEEDING

The Governing Board of the El Toro Water District (the "District") will conduct a public hearing on June 27, 2019 at 7:30 a.m. in the Board Room of its Administrative Office located at 24251 Los Alisos Blvd., Lake Forest, CA 92630. The purpose of the hearing will be to consider adoption of proposed increases to potable water usage rates, the uniform recycled water usage rate and the fixed meter operation and maintenance charges for potable water and recycled water. Property (parcel) owners may comment and may file a written protest (one vote per parcel owned) on the proposed increases. California law prohibits the District from increasing rates, fees and charges if a majority of the affected property (parcel) owners, file a written protest opposing the proposed increases before the end of the public hearing. Written protests must be submitted to the District at P.O. Box 4000, Laguna Hills, CA 92654 or personally submitted on or before the end of the public hearing, which is scheduled for 7:30 a.m. on June 27, 2019. Each protest must identify the affected property (parcel) and include the signature of the record property (parcel) owner. Email protests will not be accepted. Oral protests at the public hearing will not qualify as a protest, unless accompanied by a written protest. The District's Board of Directors welcomes input from the public during the public hearing.

Copies of the proposed rates, fees and charges and data indicating the amount of cost, or estimated cost, required to provide the service for which the rates, fees and charges are levied and the revenue sources anticipated to provide the service, including general fund revenues and reserves, are available for public inspection at the District's Administrative Offices and on the District's website ([www.etwd.com](http://www.etwd.com)) (Raffelis Cost of Service Study-April 9, 2019 and Proposition 218 Notice-2019).

Questions concerning this matter should be referred to Robert R. Hill, General Manager, at (949) 837-7050.

Publish: June 12, 19, 2019

Robert R. Hill  
General Manager

Orange County Register 11279567

o.ca.gov/selfhelp), or by contacting your local court or county bar association. NOTE: The Court has a statutory lien for waived fees and costs on any settlement or arbitration award of \$10,000 or more in a civil case. The court's lien must be paid before the court will dismiss the case.

**AVISO:** Lo han demandado. Si no responde dentro de 30 días, la corte puede decidir en su contra sin escuchar su versión. Lea la información a continuación.

Tiene 30 DÍAS DE CALENDARIO después de que le entreguen esta citación y papeles legales para presentar una respuesta por escrito en esta corte y hacer que se entregue una copia al demandante. Una carta o una llamada telefónica no lo protegen. Su respuesta por escrito tiene que estar en formato legal correcto si desea que procesen su caso en la corte. Es posible que haya un formulario que usted pueda usar para su respuesta. Puede encontrar estos formularios de la corte y más información en el Centro de Ayuda de las Cortes de California ([www.sucorte.ca.gov](http://www.sucorte.ca.gov)), en la biblioteca de leyes de su condado o en la corte que le quede mas cerca. Si no pueda pagar la cuota de presentación, pida al secretario de la corte que le de un formulario de exención de pago de cuotas. Si no presenta su respuesta a tiempo, puede perder el caso por incumplimiento y la corte le podrá quitar su sueldo, dinero y bienes sin mas advertencia.

Hay otros requisitos legales. Es recomendable que llame a un abogado inmediatamente. Si no conoce a un abogado, puede llamar a un servicio de remisión a abogados. Si no puede pagar a un abogado, es posible que cumpla con los requisitos para obtener servicios legales gratuitos de un programa de servicios legales sin fines de lucro. Puede encontrar estos grupos sin fines de lucro en el sitio web de California Legal Services ([www.lawhelpcalifornia.org](http://www.lawhelpcalifornia.org)), en el Centro de Ayuda de las Cortes de California ([www.sucorte.ca.gov](http://www.sucorte.ca.gov)) o poniéndose en contacto con la corte o el colegio de abogados locales. **AVISO:** Por ley, la corte tiene derecho a reclamar las cuotas y los costos exentos por imponer un gravamen sobre cualquier recuperación mediante un acuerdo o una concesión de arbitraje en un caso de derecho civil. Tiene que pagar el gravamen de la corte antes de que la corte pueda desear el caso.

**CASE NUMBER:** (Numero del Caso):

30-2018-00973369

Judge Theodore Howard

The name and address of the court is:

(El nombre y dirección de la corte es):

Orange County Superior Court

Central Justice Center

700 Civic Center Drive West

Santa Ana, CA. 92701

The name, address, and telephone number of plaintiff's attorney, or plaintiff without an attorney, is: (El nombre, la dirección y el número de teléfono del abogado del demandante, o del demandante que no tiene abogado, es)

Akhila Ganapathy, Esq. (SBN: 324237), Michael Maguire & Associates, 611 Anton Blvd. #900, Costa Mesa, CA 92626

Phone: (714) 435-7500, Fax: (855) 396-4486

DATE: (Fecha) 05/17/2019

David H. Yamasaki, Clerk of the Court Clerk, by (Secretario) Jonathan Aguilar, Deputy (Adjunto) Publish: Orange County Register May 5, 12, 19, 26, 2019 11275875



RESOLUTION NO. 19-6-1

RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
EL TORO WATER DISTRICT  
APPROVING AN AMENDMENT TO THE DISTRICT'S  
RULES AND REGULATIONS WHICH AMENDMENT  
1) PROVIDES FOR AN INCREASE TO  
CERTAIN WATER AND RECYCLED WATER RATES AND CHARGES,  
AND 2) MAKES FINDINGS AND DETERMINATIONS THAT THE ACTION  
TAKEN IN THIS RESOLUTION IS EXEMPT FROM THE REQUIREMENTS OF  
THE CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)  
(PUBLIC HEARING – JUNE 27, 2019)

WHEREAS, the Board of Directors of the El Toro Water District ("District") at a Special Board Meeting on April 11, 2019, by applicable minute orders (motions) approved (1) the 2019/20 Operations/Capital Budget, (2) the 2019/20 Water, Recycled Water, and Wastewater Cost of Service Study Report ("Rate Study"), Final Report dated April 9, 2019, prepared by Raftelis Financial Consultants, Inc. ("Raftelis"), (3) the 45 day Proposition 218 Notice which set forth proposed increases to certain rates and charges and (4) established June 27, 2019 for the required Public Hearing to consider adoption of the proposed increases to certain rates and charges; and

WHEREAS, on June 12, 2019 and again on June 19, 2019, the District published notice of today's Public Hearing in the Orange County Register; and

WHEREAS, the Board of Directors of the El Toro Water District has today held a public hearing pursuant to the procedural requirements of Proposition 218; and

WHEREAS, the purpose of today's hearing is to determine whether there is sufficient written protest so as to preclude the adoption of the proposed water and recycled water rates and charges; and

WHEREAS, during today's public hearing, public comments were received and written protests were tabulated; and

WHEREAS, the Board of Directors has today carefully reviewed and considered the proposed increases to the Potable Water Usage Tiered Rates, the Recycled Water Usage Rate, and the Water and Recycled Water Operations and Maintenance Charges;

NOW, THEREFORE BE IT RESOLVED, as follows:

1. RESOLVED, that the findings and determinations set forth in the 2019/20 Water and Recycled Water Cost of Service Study Report dated April 9, 2019 prepared by Raftelis Financial Consultants, Inc. ("Rate Study") are hereby approved, ratified and confirmed. Said

Rate Study is incorporated herein by this reference as though set forth in full and made a part of this Resolution.

2. RESOLVED FURTHER, that there were not sufficient written protests so as to preclude the adoption of the proposed increases to certain water and recycled water rates and charges as set forth and reflected in Schedules 1-W and 3-S of the District's proposed amended Rules and Regulations, which are attached hereto marked Exhibit "A" and made a part of this Resolution; and

3. RESOLVED FURTHER, that the proposed amendment to the District's Rules and Regulations, and the proposed increases to certain water and recycled water rates and charges as set forth and reflected in Schedules 1-W and 3-S of said Rules and Regulations which are attached hereto marked Exhibit "A" and made a part of this Resolution, are hereby adopted effective July 1, 2019; and

4. RESOLVED FURTHER, that the action taken herein is exempt from the requirements of the California Environmental Quality Act (CEQA). Reference: Section 21080 of the Public Resources Code and Section 3.10 of the District's Local Guidelines for Implementation of CEQA.

ADOPTED, SIGNED AND APPROVED this 27th day of June 2019.

Roll Call Vote:

President Vergara  
Vice President Monin  
Director Freshley  
Director Gaskins  
Director Havens

---

JOSE F. VERGARA, President  
El Toro Water District and the  
Board of Directors thereof

(SEAL)

ATTEST:

---

ROBERT R. HILL, Secretary  
El Toro Water District and the  
Board of Directors thereof

# **SCHEDULE 1-W**

## **GENERAL METERED POTABLE WATER SERVICE (FINAL)**

# EL TORO WATER DISTRICT

Page 1 of 7

## Schedule No. 1-W

### GENERAL METERED POTABLE WATER SERVICE

**Water Usage Charge:** Applicable to all residential and potable irrigation metered water service.

Water use is charged on a Water-Budget Based Tiered Conservation Rate Structure. Water Budgets for each residential and potable irrigation customer includes an Indoor Budget and an Outdoor Budget

Budgets are based on the following:

#### **Indoor Budget:**

55 gallon/ person/ day \* number of occupancies \* number of days in the billing cycle/ 748 gallon per billing units plus approved variances.

Occupancy is assumed to be four residents for single family detached, three residents for attached unrestricted and two residents for attached and detached restricted residential communities. Occupancy adjustments will be made where warranted.

The calculation of the Indoor budget is subject to a Drought Factor as determined by the Board. The current Drought Factor is 1.0.

#### **Outdoor Budget:**

Landscape area\* weather factor\*efficiency factor/1200 per billing unit plus approved variances.

The calculation of the Outdoor budget is subject to a Drought Factor as determined by the Board. The current Drought Factor is 1.0.

The Indoor water budget, as determined above, will be billed at Tier I ("Indoor – Efficient") rates. The Outdoor water budget, as determined above, will be billed at Tier II ("Outdoor – Efficient") rates. Water use in excess of the Tier I and II water budget would be deemed inefficient and/or excessive. Tier III ("Inefficient") water use would be usage between 100% and 130% of the total Tier I and II water budget and Tier IV ("Excessive") usage would be consumption over Tier III.

Approved by Resolution 19-6-1  
Approved by Resolution 18-6-1  
Approved by Resolution 17-6-1  
Approved by Resolution 16-6-2  
Approved by Resolution 15-7-1

Effective 07/01/19  
Effective 07/01/18  
Effective: 07/01/17  
Effective: 07/01/16  
Effective: 08/01/15

Exhibit "A" to Resolution No. 19-6-1

# EL TORO WATER DISTRICT

Page 2 of 7

Effective July 1, 2019 Potable Water Usage Rates will be:

Tier I – Indoor - Efficient	\$2.58/CCF
Tier II – Outdoor - Efficient	\$2.97/CCF
Tier III – Inefficient	\$6.14/CCF
Tier IV – Excessive	\$7.88/CCF

## **Water Budget - Variance/Adjustment Process**

**Adjustments** – Individual water budgets are primarily based on permanent residency (occupancy) and landscape irrigation area in square feet.

**Occupancy** - In general, residency is assumed to be as follows

- 1) Single Family – 4 permanent residence
- 2) Multi-family, unrestricted (including condo, trailer parks and townhomes)  
- 3 permanent residence
- 3) Multi-family, restricted (restricted due to age limitations)  
- 2 permanent residence, and
- 4) Multi-family, apartments – 2 permanent residence

Customers who believe their permanent occupancy differs from the above may request an adjustment to their occupancy factor. All adjustment requests must be in writing on forms provided by the District and signed by the customer (Account Holder.) The General Manager may require supporting documentation to support a claim for additional permanent occupants.

Request for additional permanent occupants will be granted based on criteria established by the General Manager.

**Landscape Irrigation Area** – Each customer's landscape irrigation area was established based on the county of Orange Assessor's parcel data, on-line parcel information, customer representations and/or independent measurements.

Customers who believe their landscape irrigation area is incorrect may request an adjustment. All adjustment requests must be in writing on forms provided by the District and signed by the customer (Account Holder.) The General Manager may require supporting documentation to support a claim for additional landscape irrigation area. Request for adjustments to landscape irrigation area will be granted based on criteria established by the General Manager.

# EL TORO WATER DISTRICT

Page 3 of 7

**Variances** – Water budgets have been developed using industry standards to provide all customers with the appropriate amount of water given then current hydrological conditions. If, for any reason a customer believes that their water budget is inadequate due to extenuating circumstances they may request a temporary or permanent variance for additional water. All variance requests must be in writing on forms provided by the District and signed by the customer (Account Holder.) The General Manager may require supporting documentation to support a claim for an increase in the water budget.

Request for temporary or permanent variances will be granted based on criteria established by the General Manager.

**General** - All requests for variance/adjustments must be in writing and signed by the customer (account holder). The District reserves the right to request additional documentation in support of the request. Approved variances/adjustments will become effective at the beginning of the billing period after approval, and will remain active for a period of 24 months, at which time the customer will be required to re-confirm the circumstances surrounding the original request.

The General Manager must act upon any completed application no later than ten (10) days after submittal and may approve, conditionally approve, or deny the request for variance/adjustment. The customer requesting the variance/adjustment must be promptly notified in writing of any action taken. The decision of the General Manager will be final.

**Potable Water Usage Charge: Applicable to all commercial, institutional and industrial (CII) metered water service.**

Effective July 1, 2019, the uniform CII Potable Water Usage Rate will be \$2.95/CCF.

## **Water Operations & Maintenance (O&M) Charge**

Effective July 1, 2019 , the Water O&M Charges are as follows:

	<b><u>Per Meter Per Month</u></b>
For 5/8 inch meter	\$14.14
For 3/4 inch meter	\$18.99
For 1 inch meter	\$28.70
For 1 ½ inch meter	\$52.98
For 2 inch meter	\$101.52

# EL TORO WATER DISTRICT

Page 4 of 7

## Capital Replacement and Refurbishment (R&R) Charge – Water

Effective July 1, 2018, the Capital R&R Charges - Water are as follows:

	Per Meter Per Month
For 5/8 x 3/4 inch meter	\$4.66
For 3/4 inch meter	\$4.66
For 1 inch meter	\$7.78
For 1 ½ inch meter	\$18.91
For 2 inch meter	\$47.47

The Water O&M Charge and the Capital R&R Charge are applicable to all active general metered water service, which is added to the charge for water used during the month computed at the Water Usage Charge.

# EL TORO WATER DISTRICT

Page 5 of 7

## Schedule No. 1-W

### SPECIAL PROVISIONS:

#### 1. LIFE LINE RATE ASSISTANCE PROGRAM:

Customers providing the District with satisfactory evidence of having a household income of \$15,000 or less per calendar year may qualify for the Life Line Rate Assistance program. The Life Line Rate Assistance Program provides a waiver for the Water O&M Charge for qualified customers. In order to qualify, a customer must submit an application and Statement of Eligibility (Form 3/98 attached).

An approved application is valid for three years from the date of acceptance and is not automatically transferred or renewed.

The waiver will apply only to the customer's primary residence.

Proof of eligibility may be required.

#### 2. NON-REGISTERING METERS:

The District may bill the customer for water consumed while the meter was non-registering. Billing will be based upon an estimate of the consumption according to the customer's prior use during the same season of the year, or upon an estimate based upon a reasonable comparison with the use of other customers during the same period receiving the same class of service under similar circumstances and conditions. Billing estimation will not exceed two consecutive billings.

#### 3. RESIDENTIAL UNITS:

##### Termination of Service

1. The District may terminate service for non-payment of a delinquent account. In such event, at least 10 days prior to the proposed termination the District shall first give notice of the delinquency and impending termination by means of a notice mailed, postage prepaid, to the customer of record to whom service is billed not earlier than 19 days from the date of mailing of the District's bill for services, and the 10 day period shall not commence until 5 days after the mailing of the notice.

2. The District shall make a reasonable, good faith effort to contact an adult person residing on the premises of the customer by telephone or in person at least 48 hours prior to any termination of service except that whenever telephone or personal contact cannot be accomplished, the District shall give by mail or by posting in a conspicuous location at the premises, a notice of termination of service, at least 48 hours prior to termination.



# EL TORO WATER DISTRICT

Page 6 of 7

3. Every notice of termination of service pursuant to paragraph 1 above shall include all of the following information:

- (1) The name and address of the customer whose account is delinquent;
- (2) The amount of the delinquency;
- (3) The date by which payment or arrangements for payment is required in order to avoid termination;
- (4) The procedure by which the customer may initiate a complaint or request an investigation concerning service or charges;
- (5) The procedure by which the customer may request amortization of the unpaid charges;
- (6) The procedure for the customer to obtain information on the availability of financial assistance, including private, local, state or federal sources if applicable; and
- (7) The telephone number of a representative of the District who can provide additional information or institute arrangements for payment.

The District shall not terminate residential service for non-payment in any of the following situations:

1. During the pendency of an investigation by the District of a customer dispute or complaint.
2. When a customer has been granted an extension of the period for payment of a bill.
3. On the certification of a licensed physician that to do so would be life threatening to the customer and the customer is financially unable to pay for service within the normal payment period and is willing to enter into an amortization agreement with the District with respect to all charges that the customer is unable to pay prior to delinquency.

# EL TORO WATER DISTRICT

Page 7 of 7

## Schedule No. 1-W

### Payment Extension

Any residential customer who has initiated a complaint or requested an investigation within five days of receiving the disputed bill, or has within 13 days of the District's 10 day notice of termination made a request for extension of the payment period of a bill asserted to be beyond the means of a customer to pay in full during the normal period of payment, shall be given an opportunity for review of the complaint, investigation or request by General Manager of the District or their designee. The review shall include consideration of whether the customer shall be permitted to amortize the unpaid balance of the account over a reasonable period of time, not to exceed twelve months. No termination of service shall be effected for any customer complying with an amortization agreement, if the customer also keeps the account current as charges accrue in each subsequent billing period.

Any customer whose complaint or request for an investigation pursuant to these provisions has resulted in an adverse determination by the District may appeal the determination to the District's Board of Directors.

Any customer meeting the requirements of these provisions shall upon request, be permitted to amortize, over a period not to exceed 12 months, the unpaid balance of any bill asserted to be beyond the means of the customer to pay within the normal period for payment.

---

*Termination of residential service may not be effected without compliance with these provisions and any service wrongfully terminated shall be restored without charges for the restoration of service. In addition, termination of service may not be effected on any Saturday, Sunday, legal holiday, or at any time during which the business offices of the District are not open to the public.*

# EL TORO WATER DISTRICT

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# EL TORO WATER DISTRICT

## APPLICATION and STATEMENT of ELIGIBILITY For EL TORO WATER DISTRICT LIFE LINE RATE ASSISTANCE PROGRAM

### 1. APPLICATION INFORMATION: PLEASE PRINT

Your Name: \_\_\_\_\_  
Last First Middle

Name as it appears on billing statement: \_\_\_\_\_  
Last First Middle

Service Address: \_\_\_\_\_  
Street City Zip Code

Telephone No: ( ) \_\_\_\_\_ Number of Persons in the Household: \_\_\_\_\_

Your ETWD Account Number as shown on your billing statement: \_\_\_\_\_

### 2. SIGN APPLICATION:

By signing this application, I declare under penalty of perjury that I have read and understand my responsibilities if I am approved for the life line rate. I further declare that I do meet the qualifications for the lifeline income rate benefits that I have requested. I understand that if I move or become ineligible to receive the discount that I must notify ETWD immediately. I understand that I must renew my application for the discount each time I change residences. If I do not change residences, I must reapply every three years or sooner *as set forth in Schedule No. 1-W of the Rules and Regulations of the El Toro Water District*. I also understand that the discount applies only to one residence at any one time and that it must be my permanent residence. I understand that if I am approved for the discount, I will begin receiving it no more than one billing period after ETWD receives my completed application.

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date

24251 Los Alisos Boulevard Lake Forest, CA 92630 (949) 837-7050 FAX (949) 837-7092 E-mail:district@etwd.com

# EL TORO WATER DISTRICT

## CUSTOMER APPLICATION DOMESTIC LIFE LINE RATE

Any customer of the El Toro Water District whose account is in his or her name and can provide to the District satisfactory evidence of having a household income of \$15,000 or less per year may request that the service charge of waived.

To find out what your combined income is add together the income for each person living with you. Sources of that income include, but are not limited to the following:

Social Security Benefits	\$ _____	Disability Benefits	\$ _____
Royalties & Rental Income	\$ _____	Interests & Dividends	\$ _____
Wages, Tips & Salary	\$ _____	Retirement Benefits	\$ _____
Unemployment Benefits	\$ _____	Cash Public Assistance	\$ _____
Veteran's Benefits	\$ _____	Food Stamps	\$ _____

**TOTAL \$** \_\_\_\_\_

**REMEMBER** only qualified customers can sign up for the program. When you fill out your application form, you will be signing a document under penalty of perjury that states you meet the qualifications. **WE MAY ASK YOU TO PROVIDE PROOF OF INCOME.** Proof of income includes but is not limited to copies of any of the following documents:

- State or Federal income tax returns
- Paycheck stubs
- W-2 or 1099 tax forms
- Copies of state and federal records proving income such as military pensions
- Social Security
- Other documents that would prove income levels

# EL TORO WATER DISTRICT

## HOUSEHOLD MEMBERS

[illegible]

# **SCHEDULE 3-S**

## **RECYCLED WATER SALES & SERVICE (FINAL)**

# **EL TORO WATER DISTRICT**

## **RULES AND REGULATIONS**

### **Schedule 3-S**

### **RECYCLED WATER SALES & SERVICE**

Approved by Resolution No. 19-6-1	Effective 07/01/19
Approved by Resolution No. 18-6-1	Effective 07/01/18
Approved by Resolution No. 17-6-1	Effective 07/01/17
Approved by Resolution No. 16-6-2	Effective 07/01/16
Approved by Resolution No. 15-7-1	Effective 8/01/15
Approved by Resolution No. 14-6-2	Effective 7/01/14
Approved by Resolution No. 14-3-1	Effective 3/27/14
Approved by Resolution No. 13-6-2	Effective 07/01/13
Approved by Resolution No. 12-6-3	Effective 07/01/12



**EL TORO WATER DISTRICT**

**Schedule No. 3-S**

**RECYCLED WATER SALES & SERVICE**

**Recycled Water Usage Rates**

Effective July 1, 2019 the Recycled Water Usage Rate will be \$2.67/CCF.

**Recycled Water Operations & Maintenance (O&M) Charge**

Effective July 1, 2018, the Water O&M Charges are as follows:

	<b><u>Per Meter Per Month</u></b>
For 5/8 inch meter	\$14.14
For 3/4 inch meter	\$18.99
For 1 inch meter	\$28.70
For 1 ½ inch meter	\$52.98
For 2 inch meter	\$101.52

**Capital Replacement and Refurbishment (R&R) Charge -Recycled Water**

Effective July 1, 2018, the Capital R&R Charges -Recycled Water are as follows:

	Per Meter Per Month
For 5/8 x 3/4 inch meter	\$4.66
For 3/4 inch meter	\$4.66
For 1 inch meter	\$7.78
For 1 1/2 inch meter	\$18.91
For 2 inch meter	\$47.47

The Recycled Water O&M Charge and the Capital R&R Charge are applicable to all active general metered Recycled Water service, which is added to the charge for Recycled Water used during the month computed at the Recycled Water Usage Rate.

MINUTES OF THE SPECIAL MEETING  
OF THE  
BOARD OF DIRECTORS  
OF THE  
EL TORO WATER DISTRICT  
May 22, 2019

President Vergara called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 8:00 o'clock a.m. on May 22, 2019 at the Baker Water Treatment Plant Operations Building, 21082 Wisteria, Lake Forest, California.

Present at today's meeting were Committee Members JOSE F. VERGARA, MARK MONIN, MIKE GASKINS and KAY HAVENS.

Also present was DENNIS P. CAFFERTY, Assistant General Manager/District Engineer.

Committee Member KATHRYN FRESHLEY was absent.

Oral Communications - Public Comments

President Vergara stated that at this time members of the public may address the Board or they may reserve this opportunity with regards to an item on the agenda, until the Board discusses said item later in today's meeting.

There were no comments.

Tour of the Baker Treatment Plant

The Board attended a tour of the Baker Water Treatment Plant facilities conducted by staff of the Irvine Ranch Water District.

Director Monin left the meeting at 9:13 a.m.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:23 o'clock a.m.

Respectfully submitted,

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POLLY WELSCH  
Recording Secretary

APPROVED:

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JOSE F. VERGARA, President of  
the El Toro Water District and the  
Board of Directors thereof

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ROBERT R. HILL, Secretary  
of the El Toro Water District and  
the Board of Directors thereof

MINUTES OF THE REGULAR MEETING  
OF THE  
BOARD OF DIRECTORS  
OF THE  
EL TORO WATER DISTRICT  
May 23, 2019

President Vergara called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 7:30 o'clock a.m. on May 23, 2019 at the El Toro Water District Administrative Offices, 24251 Los Alisos Boulevard, Lake Forest, California.

Director Gaskins led in the Pledge of Allegiance to the flag.

Present at today's meeting were Committee Members JOSE F. VERGARA, MARK MONIN, MIKE GASKINS, and KAY HAVENS.

Also present were ROBERT R. HILL, General Manager/Secretary, DENNIS P. CAFFERTY, Assistant General Manager/District Engineer, JUDY CIMORELL, Human Resources Manager, NEELY SHAHBAKHTI, Finance Manager/Controller, GILBERT J. GRANITO, General Counsel, SHERRI SEITZ, Public Relations/Emergency Preparedness Administrator, POLLY WELSCH, Recording Secretary, JIM FISLER, Mesa Water District, and STACY TAYLOR, Mesa Water District.

Committee Member KATHRYN FRESHLEY was absent.

Oral Communications - Public Comments

President Vergara stated that at this time members of the public may address the Board or they may reserve this opportunity with regards to an item on the agenda, until the Board discusses said item later in today's meeting.

Mr. Jim Fisler introduced himself as a Director for Mesa Water District, and spoke about the nomination of Kathryn Freshley representing the Alternate seat on OC LAFCO.

Ms. Stacy Taylor introduced herself as the External Affairs Manager at Mesa Water District. She further thanked the Board for nominating Kathryn Freshley for the Alternate seat at OC LAFCO, and the collaboration over the years of partnering projects on various committees.

At approximately 7:42 o'clock a.m. Mr. Fisler and Ms. Taylor left the meeting.

#### Items Received Too Late To Be Agendized

President Vergara asked if there are any items received too late to be agendized. Mr. Hill replied no.

#### Presentation of Awards, Recognitions and Introductions

President Vergara recognized and congratulated Bob Hill, General Manager, for 45 years of service with the District. He thanked Mr. Hill for his numerous years of service and dedication to the District.

Mr. Hill stated that it has been a privilege to serve the service area along with dedicated staff and a diverse Board of Directors, and a new structured Board.

## Continuing Education & Training, Degree and Certification Program

### Acknowledgement

There were no acknowledgements.

### Consent Calendar

All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item.

1. Consider approving the April 24, 2019 Special Board meeting minutes.
2. Consider approving the April 25 Board meeting minutes.
3. Consider approving the Directors to attend the June 26-28, 2019

Urban Water Institutes California – United Water Conference in  
Auburn, CA

4. Consider approving the Directors to attend the August 14-16, 2019  
Urban Water Institute's Annual Water Conference in San Diego, CA

President Vergara asked for a Motion.

Motion: Vice President Monin made a Motion, seconded by Director Gaskins, and unanimously carried across the Board to approve the Consent Calendar.

### Roll Call Vote:

Director Gaskins	aye
Vice President Monin	aye
President Vergara	aye
Director Havens	aye

### Approval of Items Removed from the Consent Calendar

There were no items removed from today's Consent Calendar.

#### Director/Committee Reporting

Director Gaskins stated that he attended the ACWA/JPIA conference in Monterey, the CAG meeting, the MWD OC Public Affairs meeting, Scott Goldman's Appreciation lunch, and the Baker Plant tour. He further stated that at the JPIA conference, they provided very cost effective insurance.

Vice President Monin stated that he attended the ACWA conference where he presented to a panel, he attended a Chair/GM meeting, Agenda Review meeting, ISDOC Executive Committee meeting, the Senior Summit which went well, the Baker tour, Scott Goldman's Appreciation lunch, and the upcoming OC Water Summit.

Director Havens stated that she attended two meetings with staff regarding Orientation, the WACO meeting, the Baker tour, and will be attending the upcoming OC Water Summit.

President Vergara stated that he attended the ACWA conference, the CAG meeting, WACO, Chair/GM meeting, Scott Goldman's Appreciation lunch, the Baker tour, and the upcoming TV-6 program.

#### General Manager Action Items

#### Resolution No. 19-5-1 Adopting the Eighth Amendment to the District's

#### Bylaws

Mr. Hill stated that this item was discussed and approved at Tuesday's meeting. Therefore there is no action needed today.



Resolution No. 19-5-2 adding a Standing Water Quality (WQ) Committee and  
Modifying Standing Committee and External Organization Board/Staff  
Assignments

Mr. Hill stated that this item was discussed and approved at Tuesday's meeting. Therefore there is no action needed today.

Appointment Process and Timeline for OC LAFCO Regular and Alternate  
Special District Member Seats

Mr. Hill stated that this item was discussed and approved at Tuesday's meeting. Therefore there is no action needed today.

ETWD Legislative Advocacy Policy Statement

Mr. Hill stated that this policy was presented to the Board last month. He further stated that consideration of the policy was deferred to this month to provide additional time for the Board to review the policy.

Mr. Hill stated that he used the template from CSDA which he modified for ETWD and this policy provides some guidance to the staff and Board with regard to legislation where the designee can take action between Board meetings when necessary.

Director Havens asked for an example of how this policy would work for ETWD. Mr. Hill replied that this policy would allow the General Manager or designee to go forward with the legislative request and inform the Board later when there is a short turn-around time required.

President Vergara asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Vice President Monin and unanimously carried across the Board to approve staff's proposed ETWD Legislative Advocacy Policy Statement.

Roll Call Vote:

Director Havens	aye
President Vergara	aye
Vice President Monin	aye
Director Gaskins	aye

Amendment No. 8 to the Santiago Aqueduct Commission (SAC) Joint Powers Agreement

Mr. Cafferty stated that SAC is centrally responsible for the Baker pipeline that provides supply to the Baker Water Treatment Plant. He further stated that this pipeline was significantly underused, but now is the primary source of water for the Baker Plant.

Mr. Cafferty stated that Amendment No. 8 transfers a small capacity and allocation of maintenance costs, capital repairs, and capital improvements from the Irvine Company to IRWD. He further stated that it also updates the member and represented agencies of SAC following IRWD's consolidation with former member agency Los Alisos Water.

President Vergara asked for a Motion.

Motion: President Vergara made a Motion, seconded by Director Havens and unanimously carried across the Board to authorize the Board President and Secretary to execute Amendment No. 8 to the Santiago Aqueduct Commission Joint Powers Agreement.

Roll Call Vote:

Director Havens	aye
President Vergara	aye
Vice President Monin	aye
Director Gaskins	aye

General Manager Information Items

General Manager's Monthly Report

Mr. Cafferty stated that the District is working on a number of potential water supply and storage projects at different levels of development, and staff will inform the Board of these potential projects that ETWD could be involved in, including Poseidon Desalination Water.

At approximately 8:18 o'clock a.m. Mr. Cafferty left the meeting.

State Drought Regulations – Monthly Report

Mr. Hill stated that the report is comparing back to 2013, and the June report will be the final report to the State.

Legislative Reports

Mr. Hill stated that ETWD does not have their own lobbyist, so we gather the information from MWDOC who has county, state, and federal lobbyists who direct us to important legislation.

Director Gaskins stated that SCWD was approved for a \$8.5 million grant for the desal project.

Public Education and Outreach/Water Conservation Reports

Ms. Seitz stated that there were two water waste complaints in April regarding excessive water runoff. She further stated that the May bill message

is an educational message about the proper disposal of fats, oils, and grease (FOG).

Ms. Seitz stated that she also included in her report legislation on AB 1762 which is about non-flushable wipes. She further stated that staff is working on press releases for new Director Kay Havens, JPIA's refund check, and Bob Hill's retirement.

Ms. Seitz stated that MNWD has informed participating agencies that there will not be a cost share for the Native Plant Marketing and Education program, as MET will cover the cost of the contract and MNWD will assume the Tree of Life contract amount.

#### SOCWA Reports

Ms. Shahbakhti stated that she attended the Finance meeting where they presented the final draft of the budget which will be presented to the Board today.

#### MWDOC

Director Gaskins stated that he attended the Public Affairs meeting where they had a lobbyist from Washington and Sacramento speaking.

President Vergara stated that there were 5 candidates for the vacant Director seat.

#### LAFCO

Director Gaskins stated that the final budget was discussed, as well as the proposed Work Plan for 2019/20.

#### SOCWMA

There was no meeting.

### ISDOC Meetings

There were no comments.

### WACO Meetings

Vice President Monin stated that he was not able to attend the Planning Committee meeting.

### City Coordination Efforts

There were no comments.

### Committee and General Information

President Vergara stated that he will be on TV-6 this month discussing the Water Tax.

### Dates to Remember

There were no comments.

### Carry-Over Pending Matters

There were no pending matters.

### Attorney Report

Mr. Granito reported that there is no need for a Closed Session today.

Mr. Granito provided the Board with a summary detailing teleconferencing procedures. Mr. Granito also noted that early notice to staff is desirable in order to ensure Brown Act compliance of the required procedures.

### Adjournment

There being no further business to come before the Board, the following motion was duly made and passed.

Motion: Vice President Monin moved, seconded by Director Havens and unanimously carried that today's meeting be hereby adjourned at 8:48 o'clock

a.m. to Thursday, June 27, 2019 at 7:30 o'clock a.m. at the District's  
Administrative Offices, 24251 Los Alisos Blvd., Lake Forest, California.

Roll Call Vote:

Director Gaskins	aye
Vice President Monin	aye
Director Havens	aye
President Vergara	aye

Respectfully submitted,

---

POLLY WELSCH  
Recording Secretary

APPROVED:

---

JOSE F. VERGARA, President of  
the El Toro Water District and the  
Board of Directors thereof

---

ROBERT R. HILL, Secretary  
of the El Toro Water District and  
the Board of Directors thereof

## Polly Welsch

---

**From:** Cheryl Carter-Benjamin <ccarter-benjamin@oclafco.org>  
**Sent:** Friday, June 7, 2019 3:04 PM  
**To:** El Toro Water District; El Toro Water District  
**Cc:** Bob Hill; Polly Welsch  
**Subject:** Nomination Period is Officially Closed

Dear Presiding Officers and Designees,

The nomination period for the OC LAFCO Regular and Alternate Special District seats officially closed today, **Friday, June 7, 2019**, at 3:00 p.m.

Below are the nominations received for each seat:

**Regular Special District Member:**

1. James Fisler, Mesa Water District
2. Saundra Jacobs, Santa Margarita Water District

**Alternate Special District Member:**

1. Cecilia Aguinaga, Orange County Mosquito & Vector Control District
2. Kathryn Freshley, El Toro Water District
3. Margie L. Rice, Midway City Sanitary District

Two ballots, one for the regular special district member and one for the alternate special district member, will be sent by email on **Monday, June 17, 2019** to independent special district presiding officers or designees as identified in the respective Declaration of Qualification to Vote. In accordance with the schedule for the appointment process, all ballots are due to OC LAFCO by **3:00 p.m. on Friday, July 19, 2019**.

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

Sincerely,

Carolyn Emery  
Executive Officer  
[cemery@oclafco.org](mailto:cemery@oclafco.org)

*Cheryl Carter-Benjamin*

Office Manager/Commission Clerk  
ORANGE COUNTY LAFCO  
[ccarter-benjamin@oclafco.org](mailto:ccarter-benjamin@oclafco.org)



# BALLOT

## REGULAR SPECIAL DISTRICT MEMBER

Orange County Local Agency Formation Commission  
Term of Office Expires 06/30/2020

El Toro Water District

\_\_\_\_\_  
*Print Name of District*

### Certification of Voting Member

I, \_\_\_\_\_, hereby certify that I am:  
*Print Name Here*

\_\_\_\_\_ the presiding officer of the above-named district.

\_\_\_\_\_ a member of the Board of the above-named district designated to vote in the absence of the presiding officer pursuant to G.C. §56332(a). I have submitted proof of this designation to the Executive Officer of OC LAFCO.

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Date*

### CANDIDATES FOR REGULAR SPECIAL DISTRICT MEMBER OF OC LAFCO: (Check one ONLY.)

\_\_\_\_\_ James Fisler, Mesa Water District

\_\_\_\_\_ Sandra Jacobs, Santa Margarita Water District

\_\_\_\_\_ Abstain

## Elect James R. Fisler to OC LAFCO's Special District Voting Member Seat

**\* KNOWLEDGE \* EXPERIENCE \* COMMITMENT \***

June 14, 2019

Dear Colleague,

In this week's mail, your district will receive a ballot for the Orange County Local Agency Formation Commission ([OC LAFCO](#)) elections currently underway. I am honored to have served you at OC LAFCO for over eight years as the Alternate Special District Commissioner...I trust I have represented you well. Respectfully, I request your district's vote for me to ascend to the Special District Voting Member seat.

With great leadership comes great responsibility, and voting is one of the most important responsibilities we have. Voting provides us the opportunity to select leaders who: understand the issues; objectively listen to various perspectives with no bias or interest conflicts; and, work collaboratively with colleagues and constituents to implement solutions that best serve our shared stakeholders. I believe I have demonstrated these skills during my OC LAFCO service.

I have been a fair and effective Commissioner who is dedicated to safeguarding the interests of over 3 million Orange County residents. Further, I have positively influenced decisions that have benefitted special districts and protected local control.

Of course, campaigning is necessary in any election with more than one candidate running for the same position. I view the campaigning and election process as one that can further positive dialogue about the issues. However, a letter dated June 10, 2019, signed by Director Jacobs of Santa Margarita Water District, has misrepresented me and some of my statements.

I would like to take this opportunity to clear up any confusion about the following factual statements that I have made:

1. *"...it is not important to have a representative from south Orange County in this position."* True—I stand by my sentiment that the best fit for this position is the candidate with the most knowledge of -- and experience with -- OC LAFCO, along with a commitment to representing **all of Orange County**;
2. *"...OC LAFCO is strictly prohibited from making land use development decisions."* True—Land use development decisions are NOT made by OC LAFCO; rather, the County Board of Supervisors with the OC Planning Commission or City Councils/Planning Commissions make land use decisions; and,
3. *"... LAFCO will play a critical role in the future governance structure of this region..."* and *"... LAFCO will be identifying the Special Districts that will provide the area's water and wastewater services."* True—OC LAFCO's role is to determine an area's optimal governance structure, including which special district(s) shall provide water and wastewater services; governance structure decisions are different from land use development decisions (which OC LAFCO is prohibited from making).



**Additionally, I would like to take this opportunity to refute this false claim about me:**

*"...he has misrepresented the purpose and jurisdictional authority vested in LAFCO."* Untrue—I have consistently and correctly represented OC LAFCO's function.

I'm confident that OC LAFCO's Executive Officer, Carolyn Emery, would be happy to verify the truthfulness of my statements made to you and your district...please feel free to contact her at 714.640.5100 or [CEmery@OCLAFCO.org](mailto:CEmery@OCLAFCO.org).

Institutional knowledge and integrity are vital. As your Alternate Special District Commissioner for over eight years, I have attended every OC LAFCO meeting except one. I sat on the dais and participated fully in all discussions. This experience has allowed me to gain valuable knowledge about the Commission's procedures and processes, and build relationships with my fellow Commissioners, staff, and stakeholders.

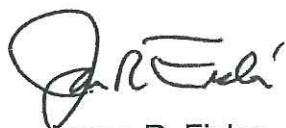
I'm interested in continuing my collaborative work with the Commission and Orange County's special districts to find common ground by listening, studying the issues, and sometimes making difficult -- yet always fair -- decisions. If elected to the Special District Voting seat, I vow to continue serving you in this manner.

Furthermore, I encourage your district to also cast a vote for the Special District Alternate seat, for which there are three candidates. This too is a significant decision.

In summary, thank you for welcoming me at your district over these past eight years, and particularly over this past month. During this campaign, I have enjoyed invigorating conversations as well as seeing familiar faces and meeting some new colleagues too.

As you carefully contemplate your choice for who will best represent you at OC LAFCO, kindly review my statement of qualifications included with this letter. Should you have any questions, please feel free to call me at 714.423.4351. Thank you for your time and consideration.

Respectfully,

A handwritten signature in dark ink, appearing to read "J. R. Fisler". The signature is stylized with a large, looping initial "J" and a cursive "F".

James R. Fisler  
Mesa Water District



## **Elect James R. Fisler to OC LAFCO**

**\* KNOWLEDGE \* EXPERIENCE \* COMMITMENT \***

### **James R. Fisler – Mesa Water District Director**



- **Orange County Local Agency Formation Commission (OC LAFCO)** Special District Alternate Commissioner, 2011-present
- **Independent Special Districts of Orange County (ISDOC)** Executive Committee – Immediate Past President; President, 2016-2018
- **Mesa Water District** Director, 2009-present; President, 2012-2014
- **Mesa Water District Improvement Corporation** President, 2010-2012 & 2017-present; Engineering & Operations Committee Chairman; Legislative & Public Affairs Committee Vice Chairman
- **Association of California Water Agencies** Local Government Committee, 2016-present
- **County of Orange Housing & Community Development Commission**, 2017-present (appointed by the Orange County Board of Supervisors)
- **City of Costa Mesa**
  - Planning Commissioner & Vice Chairman
  - Parks & Recreation Commissioner
  - Finance Committee Chairman; Finance & Pension Advisory Committee Chairman
  - Residential Rehabilitation & Redevelopment Committee
  - Citizen's Police Academy graduate; Neighbors for Neighbors volunteer
- **Costa Mesa Chamber of Commerce** Board Member
- **Costa Mesa Senior Center** Board Member
- **Friends of Costa Mesa Libraries** Board Member

As your advocate at OC LAFCO over the past 8 years, James R. Fisler has been a strong leader and voice for Special Districts. Director Fisler is grateful to have been elected to serve as your representative at both OC LAFCO and ISDOC.

With a passion for public policy and community service, Director Fisler is committed to representing the mutual interests of Orange County's water, wastewater, sanitary, cemetery, library, vector control, recreation and parks, and other special districts that provide services to their communities.

Director Fisler is a Broker/Associate with Torelli Realty in Mesa Verde. Prior to that, he was a regional manager for Nordstrom for over 12 years. Both positions have equipped him with the skills and expertise to provide outstanding customer service in advocating for your interests in alignment with the shared interests of Orange County's Special Districts and those we serve.

Director Fisler would be honored to receive your vote to serve as Commissioner representing Orange County's Special Districts.





*Dedicated to  
Satisfying our Community's  
Water Needs*

#### **BOARD OF DIRECTORS**

**Shawn Dewane**  
*President  
Division V*

**Marice H. DePasquale**  
*Vice President  
Division III*

**Jim Atkinson**  
*Director  
Division IV*

**Fred R. Bockmiller, P.E.**  
*Director  
Division I*

**James R. Fisler**  
*Director  
Division II*

**Paul E. Shoenberger, P.E.**  
*General Manager*

**Denise Garcia**  
*District Secretary*

**Marwan Khalifa, CPA, MBA**  
*District Treasurer*

**Atkinson, Andelson,  
Loya, Ruud & Romo**  
*Legal Counsel*

1965 Placentia Avenue  
Costa Mesa, CA 92627  
tel 949.631.1200  
fax 949.574.1036  
info@MesaWater.org  
**MesaWater.org**

May 15, 2019

**RE: Declaration of Candidacy of James R. Fisler for OC LAFCO  
representing the Special Districts of Orange County**

It has been my honor to serve on the Orange County Local Agency Formation Commission (OC LAFCO) as your Special District Alternate Commissioner for the last 8 years, having been elected by the Independent Special Districts Selection Committee in 2011 and re-elected in 2014 and 2018.

**In April 2019, one of the two Special District voting members resigned from the Commission. I am announcing my candidacy to fill this vacated seat.**

During my service as an Alternate Commissioner, I have sat on the dais and participated fully in all OC LAFCO discussions on all agenda items, and thus have broad knowledge of the OC LAFCO process and experience as a Commissioner. As such, I am the most experienced and qualified candidate.

I have been an effective Commissioner at OC LAFCO who has positively influenced decisions that have benefitted and protected special districts and local control. I have been a strong advocate for the Special Districts of Orange County on OC LAFCO, as well as at the Independent Special Districts of Orange County (ISDOC) where I served as President in 2017 and 2018.

I have personally visited all of the Special Districts in Orange County multiple times over the past 8 years. It would be a distinct honor to serve Orange County's Special Districts as a full voting member at OC LAFCO to ensure the economical, effective, and efficient delivery of government services to the public.

There are some who want to "regionalize" this election by saying this seat must go to someone from "South County" due to ongoing and future development of Rancho Mission Viejo. This is a flawed premise since OC LAFCO is strictly prohibited from making land use development decisions. Those development decisions are made by the local governing agency. In the case of Rancho Mission Viejo, the entities involved in development there are the OC Planning Commission and the OC Board of Supervisors. OC LAFCO's role will be looking at future optimal governance structure and identifying the Special Districts that will provide the area's water and wastewater services.

Additionally, the approved OC LAFCO work plan has a multitude of projects located throughout Orange County, not just South Orange County. Feel free to contact me at 714.423.4351 with any questions concerning the OC LAFCO role at Rancho Mission Viejo or the remaining 27 unincorporated islands located throughout Orange County including large islands in Anaheim and North Tustin.

Please review my enclosed statement of qualifications. Thank you for your consideration of my knowledge, experience, and commitment when you vote for this very important seat.

Sincerely,

James R. Fisler  
Mesa Water Director



BOARD OF DIRECTORS  
SAUNDRA F. JACOBS    BETTY H. OLSON, PH.D.  
CHARLEY WILSON    CHARLES GIBSON  
JUSTIN McCUSKER  
  
DANIEL R. FERONS  
GENERAL MANAGER



## Santa Margarita Water District

Dear OC LAFCO Special District Members:

I am delighted to announce my candidacy for Special District Representative to the Orange County Local Agency Formation Commission ("LAFCO"). I would be honored to receive your district's support to elect me as your next LAFCO Commissioner.

In the next few years, LAFCO will be called on to address a host of issues on the governance in our county particularly as it relates to special districts. From the planned schedule of Municipal Service Reviews to the ultimate governance of the remaining unincorporated areas of the county—many of which are in south Orange County where I currently serve on the Board of the Santa Margarita Water District; there is much work to be done.

My passion for public service and the work of special districts comes from my 23 years on the Santa Margarita Water District Board. As your President of the Executive Committee for the Independent Special Districts of Orange County I have a keen interest and awareness of the needs and requirements for the success of all special districts—from library, cemetery and vector control districts, to water, sewer, and other community services, both non-enterprise and enterprise. I hope that I have adequately demonstrated my willingness to provide leadership in organization, advocacy, and communications to benefit and nurture special districts of every stripe and that I am fully prepared to step in the role of LAFCO Commissioner.

I have enclosed some background information on my experience in public service and business as well as my platform as a candidate for LAFCO Special District Representative. I would be delighted to discuss my candidacy with you and your board colleagues further and answer any questions you may have. I hope you will contact me at 949/702-1145 or at [saundraj@smwd.com](mailto:saundraj@smwd.com). It would be my honor to serve you and our organizations and I humbly ask for your vote and support.

Sincerely,

A handwritten signature in blue ink that reads "Sandra F. Jacobs".

Sandra F. Jacobs, President  
Santa Margarita Water District



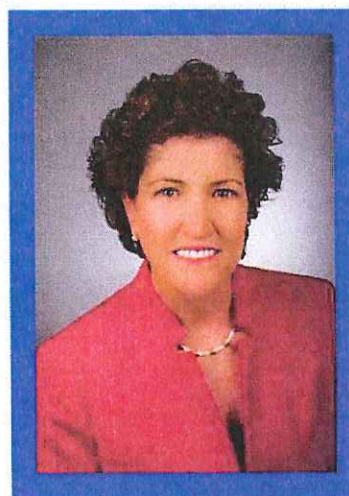
# Santa Margarita Water District

## BOARD OF DIRECTORS

SAUNDRA F. JACOBS  
BETTY H. OLSON, PH.D  
CHARLES T. GIBSON  
CHARLEY WILSON  
JUSTIN McCUSKER

DANIEL R. FERONS  
GENERAL MANAGER

## Saundra F. Jacobs Candidate for Special District Representative, LAFCO



### Special District Organizations

- President, Santa Margarita Water District, (Current; Elected Board Member since 1996)
- President, Executive Committee, Independent Special Districts of Orange County, (Current; Board Member since 1999)
- South Orange County Watershed Management Area Executive Committee, (Current Member, Former Chair)
- California Special Districts Association, Member
- Association of California Water Agencies (ACWA), Region 10 Member, Communications Committee
- ACWA Joint Powers Authority, Executive Committee Member
- Former President, Board of Directors, Lake Mission Viejo Association

### Professional Organizations

- Registered Environmental Assessor
- American Planning Association, Member
- Association of Environmental Professionals, Member
- California Wireless Association, Member

### Platform

I believe LAFCO is a facilitating organization. Its job is to support and enable cooperative and voluntary applications and conduct the reviews and inquiries required by statute without bias or favor. I believe in local control; that local communities know what is best for their ratepayers, their residents and their businesses. I do not support involuntary consolidations or dissolutions of special districts or other units of government except in extreme cases of insolvency or other dire circumstances.



# BALLOT

## ALTERNATE SPECIAL DISTRICT MEMBER

Orange County Local Agency Formation Commission  
Term of Office Expires 06/30/2022

El Toro Water District

\_\_\_\_\_  
*Print Name of District*

### Certification of Voting Member

I, \_\_\_\_\_, hereby certify that I am:  
*Print Name Here*

\_\_\_\_\_ the presiding officer of the above-named district.

\_\_\_\_\_ a member of the Board of the above-named district designated to vote in the absence of the presiding officer pursuant to G.C. §56332(a). I have submitted proof of this designation to the Executive Officer of OC LAFCO.

\_\_\_\_\_  
*Signature*

\_\_\_\_\_  
*Date*

### CANDIDATES FOR ALTERNATE SPECIAL DISTRICT MEMBER OF OC LAFCO: (Check one ONLY.)

- \_\_\_\_\_ Cecilia Aguinaga, Orange County Mosquito & Vector Control District
- \_\_\_\_\_ Kathryn Freshley, El Toro Water District
- \_\_\_\_\_ Margie L. Rice, Midway City Sanitary District
- \_\_\_\_\_ Abstain

May 20, 2019

TO WHOM IT MAY CONCERN:

I'm writing you to officially announce my candidacy for Special District Alternate Representative to the Orange County Local Agency Formation Commission (LAFCO). I would be honored to receive your support to elect me as your LAFCO representative. As your LAFCO commissioner, I will make sure that transparency, honesty and integrity will be in place to continue serving our communities.

I have attached to this letter my resume and biography of my 25 years of experience volunteering in different boards and commissions serving the community. Especially the many years I have served in the Orange County Mosquito Vector control (OCMVCD) Special district will give the experience need it to be part of the LAFCO board.

As your LAFCO Representative, I will make sure to preserve local control, to respect the rights of our constituents. I will be honor to have your vote. If you have any questions, please don't hesitate to call me, or email me.

Best Regards,



**Cecilia Aguinaga**  
REALTOR®Roman Realtors  
BRE#01936111  
**P: 714-478-2918**  
**W: [ceciliaaguinaga2019@gmail.com](mailto:ceciliaaguinaga2019@gmail.com)**  
**P: [ceciaguinaga@msn.com](mailto:ceciaguinaga@msn.com)**



## **CECILIA AGUINAGA**

### **BIOGRAPHY**

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#### **REALTOR@ROMAN REALTORS**

##### **Contact Information**

**Phone: (714) 478-2918**

##### **Emails:**

**Personal: ceciaaguinaga@msn.com**

**Work: ceciliaaguinaga2019@gmail.com**

**Website: ceciliaaguinaga.com**

**Education: Associate of Arts Degree (Santa Ana College, Santa Ana CA)**

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Cecilia was born in Jalisco, México and immigrated to the United States in 1978. She has lived with her husband, Armando Aguiñaga, in the city of Santa Ana for more than 37 years. Cecilia and her husband have two sons (Ramsey and Allan) and a daughter (Sylvia). Ramsey served proudly as a police officer for both Santa Ana and Los Angeles Police Departments. Unfortunately he passed of Sarcoma Cancer February 15 2018. Allan graduated from the Culinary School of the Arts. He is now working as a Chef at Farmhouse Restaurant at Roger Gardens. Their daughter Sylvia graduated from the University of California, Berkeley, with a degree in Psychology. Sylvia obtained her master's degree in Information Science from San Jose State University and is currently a Program Manager for a nonprofit organization aimed to

train teachers to teach computer science. Cecilia and her husband have owned a business for more than 60 years in the City of Santa Ana.

After helping her husband manage the business, Cecilia became interested and devoted to helping children become successful in school. She identified with the local population and realized that many students faced difficulties with language barriers, financial hardships, and crime. Cecilia did not want students to have the limitations that she encountered herself and wanted to help provide students more opportunities. She started working for the District of Santa Ana in 1994 as an Instructional Teacher Assistant at the elementary level. She was promoted to a Bilingual Special Education Teacher Assistant at the high school level where she worked for 7 years. She was promoted to Bilingual Community Worker, and later received a promotion as a School Police Parent Coordinator. She worked for the District of Santa Ana for 15 years.

Cecilia was appointed to the Human Relations Commission of the City of Santa Ana from 2004-2009. She served as a Chair and later, Vice Chair of the Human Relations

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Commission. In this role, she presided over the selection of social services programs and funds, to improve the quality of life in the City of Santa Ana.

Cecilia also served on the board of the Housing Redevelopment Commission as a Chair, Vice-Chair, and commissioner for the City of Santa Ana. In this role, she continued participating in the selection of social programs and funds to help the community, as well as helping people who can't afford housing.

Cecilia was the first woman President of the Lions Club of the City of Santa Ana. As a Lions Club member, she devoted herself to helping the children of Santa Ana with eye issues.

Cecilia has served as President, Vice President, Parliamentarian, Historian, Ways and means, and she is currently an active member of the PTA (Parent Teachers Association) Council for The Santa Ana Unified School District. This inspired her to become an advocate for parents and their children. She was a board member of the executive board for LYLI Latino Youth Leadership Institute organization to help high school students become leaders within their community.

Cecilia was also very involved in school and community programs including but not limited to the following:

- English Language Advisory Committee (ELAC),
- District Language Advisory Committee (DELAC) Puente,
  - Advancement Via Individual Determination (AVID),
    - Santa Ana High School Site Council,
- SAUSD Workability and Transition Partnership Program,
  - Floral Park Neighborhood Association,
  - Bristol-Warner Neighborhood Association,
  - Central-Mid City Neighborhood Association,
    - Delhi Neighborhood Association,
  - Fairlawn Gardens Neighborhood Association,
  - Com-link Neighborhood Associations

During her service with the Santa Ana Unified School District, she has learned about student needs and has a solid understanding of the issues that need attention in education. Her participation on the following boards and committees have given her extensive experience and knowledge in the field of education:

- Public Relations Coordinator for the Executive Board Association of Mexican American Educators (AMAE)
- Santa Ana Unified School District Superintendent Classified Cabinet Representative
- Santa Ana Unified School District Vice President of the Parent Teachers and Students Association (PTSA) at Santa Ana High School
- Parent Teacher Association (PTA) Council, Historian and Parliamentarian for the Santa Ana Unified School District
- CSEA cite representative and active member of her union to protect the rights of her fellow workers



Cecilia has attended numerous trainings and workshops that have given her a good understanding of the legal system to better help the Santa Ana Communities.

Gang Prevention Conference (Washington D C)  
Site Council Conferences (Sacramento)  
PTA Conferences (Sacramento, San José, etc.)  
CSEA Conferences (Las Vegas, San José, Sacramento, etc.)  
Leadership Conferences (Las Vegas, Long Beach, Sacramento, Washington D C., etc.)

Cecilia currently serves on the following boards:

- ❖ OCVC (Orange County Vector Control), appointed by the mayor and the city council to represent the city of Santa Ana. This agency is dedicated to protecting the public health by controlling rats, flies, mosquitoes, and other vector related problems.
- ❖ Currently Housing Redevelopment Commissioner to allocate the funding given to the city to distributed to the non-profit organizations to help the community.
- ❖ Active member of YMTF (Young Motivation Task Force) to motivate students to pursue their education.
- ❖ Executive Committee Board of the Regional Occupational Program (ROP) for the Santa Ana Unified School District. In this position she advises on how to operate and improve the program. This position enables her to help students who can't or do not want to pursue higher education.
- ❖ Current Life Member, of UMAVA. She has served four years as a Secretary on the executive board of UMAVA (United Mexican American Veterans Association), to help and honor the veterans who fight for our country.
- ❖
- ❖ Former Vice-Chair of the board of Parks and Recreation representing the City of Santa Ana. In this capacity she was one of the decision maker to created programs to improved Parks and Recreations.
- ❖
- ❖ Former board member of Measure Q for the Santa Ana College to represent the tax payers and make sure that the money is invested correctly.



# El Toro Water District

"A District of Distinction"

Serving the Public - Respecting the Environment

## Board of Directors

Jose F. Vergara  
President

Mark L. Monin  
Vice President

M. Scott Goldman  
Director

Kathryn Freshley  
Director

Mike Gaskins  
Director

General Manager/  
Secretary

Robert R. Hill

## Treasurer

Neely Shahbakhii

May 21, 2019

## CANDIDANCY OF KATHRYN FRESHLEY FOR OC LAFCO, AS THE ALTERNATE SPECIAL DISTRICTS MEMBER

Special District Directors,

I served on the Orange County LAFCO as the Alternate Public Member for two years, July 2015 through July 2017. As a result, I have a good understanding of the role of the Alternative Special District Member of the commission. California LAFCO's have a unique responsibility to rationalize and evaluate governance of communities and service providers in this state. Having participated in the CALAFCO Annual Conferences and Southern district meetings, I learned that each county LAFCO has similar issues and additionally, unique challenges relating to their location in the state. Legislation creating the commissions is the same, the focus of each commission differs because the needs of each county are different. This leads to questioning the processes and objectives by other government organizations, such as, The Little Hoover Commission and the OC Grand Jury. The LAFCO commissioners need to expand their communication and to ensure a greater understanding of LAFCO's role in our governmental processes.

The legislative delegated responsibilities are intended to facilitate rational development and effective delivery of services to our citizens. As the Special District Alternative Representative, it is critical to review and participate, as appropriate MSR's and SOI studies that will be conducted in 2019 and 2020. These reviews are critical to providing guidance to opportunities of shared services between agencies, as well as ensuring the suggested proposed opportunities that will fulfill the needs of our customers and the agencies involved.

Therefore, my previous service provides me an understanding of OC LAFCO'S role as a county commission and effective advocate for the Special District Agencies in Orange County.

I ask for your support and thank you for considering me.

Respectively,

*Kathryn*

Kathryn Freshley





**Board of Directors**

Chi Charlie Nguyen  
Sergio Contreras  
Al Krippner  
Andrew Nguyen  
Margie L. Rice

**General Manager**  
Ken Robbins

Margie L. Rice is in her 29<sup>th</sup> year serving on the Board of Directors for the Midway City Sanitary District (MCSD). Director Rice was first elected in November of 1990 and has served as its President, President Pro-Tem, Secretary and Treasurer. Director Rice has also served as the Districts representative to the Orange County Sanitation District, the Westminster Chamber of Commerce, California Special Districts Association and California Association of Sanitation Agencies. I was also appointed by Janet Nguyen to serve on the Orange County Waste Management Commission for four years.

Director Rice has been instrumental in the following projects for the District: the reorganization of the Garden Grove/Midway City Sanitary District, rehabilitation of all four of the Districts lift stations (completed in 2008), and installation of a SCADA system to monitor the upgraded lift stations. MCSD was one of the first Districts to transform to an automated solid waste collection system, and implementation of a SSMP (Sewer System Master Plan) before it was mandated and many other projects to benefit the District and its patrons. The MCSD not only boasts of a state of the art system but is proud of having some of the lowest rates in the region.

Director Rice served 12 years as Mayor of the City of Westminster (elected for a sixth time in November 2010). In addition, Director Rice has served an additional eight (8) years as a City Council Member. Prior to her service to the City of Westminster Director Rice served seventeen and a half (17 ½) years as a Trustee of the Westminster School District. She has 4 children, 19 grandchildren, 24 great grandchildren, and 13 great-great grandchildren.

When Special Districts were first given the right for representation on LAFCO, a committee was formed to advise them, and I was appointed to that committee. As this is my last term on our Board at MCSD, I would like to serve as the Alternate Special District Member for OC LAFCO.

Thank you for your consideration,

Margie L. Rice



RESOLUTION NO. 19-6-2  
RESOLUTION OF THE BOARD OF DIRECTORS OF THE  
EL TORO WATER DISTRICT  
PLACING IN NOMINATION DIRECTOR MARK MONIN  
AS A BOARD MEMBER OF REGION 10 OF THE  
ASSOCIATION OF CALIFORNIA WATER AGENCIES

WHEREAS, the Board of Directors of the El Toro Water District encourages and supports the participation of its members in the activities of the Association of California Water Agencies (ACWA); and

WHEREAS, Director Mark Monin is currently an active and engaged member of the ACWA Finance, Energy, and Business Development Committees; and

WHEREAS, Director Mark Monin has indicated a sincere desire to serve as a Board Member on ACWA's Region 10.

NOW, THEREFORE, BE IT RESOLVED THAT THE BOARD OF DIRECTORS OF EL TORO WATER DISTRICT ADOPTS THE FOLLOWING:

1. Does hereby declare its full and unreserved support placing in nomination Director Mark Monin as a Board Member of ACWA's Region 10.
2. Does hereby determine that in the event that Director Mark Monin is elected to serve as a Board Member on Region 10 of ACWA, the expenses he incurs in such position shall be borne by the El Toro Water District.

ADOPTED, SIGNED AND APPROVED this 27th day of June 2019.

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JOSE F. VERGARA, President  
El Toro Water District and of  
The Board of Directors thereof

SEAL:

ATTEST:

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ROBERT R. HILL, Secretary  
El Toro Water District and of  
The Board of Directors thereof



## REGION BOARD CANDIDATE NOMINATION FORM

Name of Candidate: \_\_\_\_\_

Agency: \_\_\_\_\_ Title: \_\_\_\_\_

Agency Phone: \_\_\_\_\_ Direct Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_ ACWA Region: \_\_\_\_\_ County: \_\_\_\_\_

Address: \_\_\_\_\_

**Region Board Position Preference: (If you are interested in more than one position, please indicate priority - 1st, 2nd and 3rd choice)**

☐ Chair \_\_\_\_\_ ☐ Vice Chair \_\_\_\_\_ ☐ Board Member \_\_\_\_\_

**In the event, you are not chosen for the recommended slate, would you like to be listed on the ballot's individual candidate section?** (If neither is selected, your name will **NOT** appear on the ballot.)

☐ Yes ☐ No

**Agency Function(s):** (check all that apply)

<input type="checkbox"/> Wholesale	<input type="checkbox"/> Sewage Treatment	<input type="checkbox"/> Flood Control
<input type="checkbox"/> Urban Water Supply	<input type="checkbox"/> Retailer	<input type="checkbox"/> Groundwater Management / Replenishment
<input type="checkbox"/> Ag Water Supply	<input type="checkbox"/> Wastewater Reclamation	<input type="checkbox"/> Other: _____

**Describe your ACWA-related activities that help qualify you for this office:**

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**In the space provided, please write or attach a brief, half-page bio summarizing the experience and qualifications that make you a viable candidate for ACWA Region leadership. Please include the number of years you have served in your current agency position, the number of years you have been involved in water issues and in what capacity you have been involved in the water community.**

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*I acknowledge that the role of a region board member is to actively participate on the Region Board during my term, including attending region board and membership meetings, participating on region conference calls, participating in ACWA's Outreach Program, as well as other ACWA functions to set an example of commitment to the region and the association.*

*I hereby submit my name for consideration by the Nominating Committee.*

*(Please attach a copy of your agency's resolution of support/sponsorship for your candidacy.)*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

Submit completed form by **June 28, 2019** to **regionelections@acwa.com**

ACWA Region 10  
Rules & Regulations

*Each region shall organize and adopt rules and regulations for the conduct of its meetings and affairs not inconsistent with the Articles of Incorporation or bylaws of the Association (ACWA Bylaw V, 6.).*

**Officers**

The chair and vice chair shall be from different counties.

At least one of the chair or vice chair positions must be an elected/appointed director from a member agency.

The region board members shall alternate every two years with three from one county and two from the other. The county from which the chair comes from shall have two region board members and the county from which the vice chair comes from shall have three region board members.

The chair will provide the region secretary.

**Meetings**

The region will hold at least quarterly meetings, including the ACWA spring and fall conferences.

The region chair will determine when and if nonmembers are invited to regional activities or events.

**Attendance**

If a region chair or vice chair is no longer allowed to serve on the Board of Directors due to his / her attendance, the region board shall appoint from the existing region board a new region officer. (ACWA Policy & Guideline Q, 1.)

If a region chair or vice chair misses three consecutive region board / membership meetings, the same process shall be used to backfill the region officer position. (ACWA Policy & Guideline Q, 1.)

If a region board member has three consecutive unexcused absences from a region board meeting or general membership business meeting, the region board will convene to discuss options for removal of the inactive board member. If the vacancy causes the board to fail to meet the minimum requirement of five board members, the region must fill the vacancy according to its rules and regulations. (ACWA Policy & Guideline Q, 3.)

**Elections**

All nominations received for the region chair, vice chair and board positions must be accompanied by a resolution of support from each sponsoring member agency, signed by an authorized representative of the Board of Directors. Only one individual may be nominated from a given agency to run for election to a region board. Agencies with representatives serving on the nominating committees should strive not to submit nominations for the region board from their agency. (ACWA Policy & Guideline P, 2.)



Election ballots will be e-mailed to ACWA member agency general managers and presidents.

The nominating committee shall consist of four persons, two from each county.

The nominating committee shall pursue qualified members within the region to run for the region board and consider geographic diversity, agency size and focus in selecting a slate.

A member of the nominating committee cannot be nominated by the committee for an elected position.

*See current region election timeline for specific dates.*

### **Endorsements**

ACWA, as a statewide organization, may endorse potential nominees and nominees for appointment to local, regional, and statewide commissions and boards. ACWA's regions may submit a recommendation for consideration and action to the ACWA Board of Directors to endorse a potential nominee or nominee for appointment to a local, regional or statewide commission or board. (ACWA Policy & Guideline P, 3.)

### **Committee Recommendations & Representation**

All regions are given equal opportunity to recommend representatives of the region for appointment to a standing or regular committee of the Association. If a region fails to provide full representation on all ACWA committees, those committee slots will be left open for the remainder of the term or until such time as the region designates a representative to complete the remainder of the term. (ACWA Policy & Guideline P, 4. A.)

At the first region board / membership meeting of the term, regions shall designate a representative serving on each of the standing and regular committees to serve as the official reporter to and from the committee on behalf of the region to facilitate input and communication. (ACWA Policy & Guideline P, 4. B.)

The chair and vice chair will recommend an official alternate for excused committee members.

### **Tours**

ACWA may develop and conduct various tours for the regions. All tour attendees must sign a "release and waiver" to attend any and all region tours. Attendees agree to follow environmental guidelines and regulations in accordance with direction from ACWA staff; and will respect the rights and privacy of other attendees. (ACWA Policy & Guideline P, 6.)

### **Finances**

*See "Financial Guidelines for ACWA Region Events" document.*

### **Amending the Region Rules & Regulations**

ACWA policies and guidelines can be amended by approval of the ACWA Board of Directors.

The region 10 rules and regulations can be changed at any time with advanced written notice to member agencies.

## THE ROLE OF THE REGIONS

### Mission:

*ACWA Regions will provide the grassroots support to advance ACWA's legislative and regulatory agenda.*

### Background:

As a result of ACWA's 1993 strategic planning process, known as Vision 2000, ACWA modified its governance structure from one that was based on sections to a regional-based configuration. Ten regions were established to provide geographic balance and to group agencies with similar interests.

### The primary charge of regions:

- To provide a structure where agencies can come together and discuss / resolve issues of mutual concern and interest and based on that interaction, provide representative input to the ACWA board.
- To assist the Outreach Task Force in building local grassroots support for the ACWA Outreach Program in order to advance ACWA's legislative and regulatory priorities as determined by the ACWA Board and the State Legislative, Federal Affairs or other policy committees.
- To provide a forum to educate region members on ACWA's priorities and issues of local and statewide concern.
- To assist staff with association membership recruitment at the regional level.
- To recommend specific actions to the ACWA Board on local, regional, state and federal issues as well as to recommend endorsement for various government offices and positions.
  - *Individual region boards CANNOT take positions, action or disseminate communication on issues and endorsements without going through the ACWA Board structure.*

Region chairs and vice chairs, with support from their region boards, provide the regional leadership to fulfill this charge.

### **GENERAL DUTIES / RESPONSIBILITIES FOR REGION OFFICERS**

#### Region Chair:

- Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Chair will also call at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- Is a member of ACWA's Outreach Program, and encourages region involvement.
  - Appoints Outreach Captain to help lead outreach effort within the region.





- Presides over all region activities and ensures that such activities promote and support accomplishment of ACWA's Goals.
- Makes joint recommendations to the ACWA President regarding regional appointments to all ACWA committees.
- Appoints representatives in concurrence of the region board, to serve on the region's nominating committee with the approval of the region board.
- Facilitates communication from the region board and the region membership to the ACWA board and staff.

#### Region Vice Chair:

- Serves as a member of the ACWA Board of Directors at bimonthly meetings at such times and places as the Board may determine. The Vice Chair will also participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- In the absence of the chair and in partnership with the chair, exercises the powers and performs duties of the region chair.
- Is a member of ACWA's Outreach Program, and encourages region involvement.
- Makes joint recommendations to the ACWA president regarding regional appointments to all ACWA committees.

#### Region Board Member:

- May serve as alternate for the chair and/or vice chair in their absence (if appointed) to represent the region to the ACWA Board.
- Will participate in at least two Region membership meetings to be held at each of the ACWA Conferences and periodic Region Board meetings.
- Supports program planning and activities for the region.
- Actively participates and encourages region involvement in ACWA's Outreach Program.



## MEMORANDUM

Date: May 2, 2019

To: ACWA REGION 10 MEMBER AGENCY PRESIDENTS AND GENERAL MANAGERS  
(sent via e-mail)

From: ACWA REGION 10 NOMINATING COMMITTEE  
**Gary Arant**, Valley Center Municipal Water District  
**Doug Davert**, East Orange County Water District  
**Doug Wilson**, Padre Dam Municipal Water District  
**Rick Shintaku**, South Coast Water District

The Region 10 Nominating Committee is looking for ACWA members who are interested in leading the direction of ACWA Region 10 for the 2020-2021 term. The Nominating Committee is currently seeking candidates for the Region 10 Board, which is comprised of Chair, Vice Chair and up to five Board Member positions.

The leadership of ACWA's ten geographical regions is integral to the leadership of the Association as a whole. The Chair and Vice Chair of Region 10 serve on ACWA's Statewide Board of Directors and recommend all committee appointments for Region 10. The members of the Region 10 Board determine the direction and focus of region issues and activities. Additionally, they support the fulfillment of ACWA's goals on behalf of members and serve as a key role in ACWA's grassroots outreach efforts.

If you, or someone within your agency, are interested in serving in a leadership role within ACWA by becoming a Region 10 Board Member, please familiarize yourself with the Role of the Regions and Responsibilities; the Election Timeline; and the [Region 10 Rules and Regulations](#) and complete the following steps:

- **Complete the attached Region Board Candidate Nomination Form [HERE](#)**
- **Obtain a Resolution of Support from your agency's Board of Directors (Sample Resolution [HERE](#))**
- **Submit the requested information to ACWA as indicated by Friday, June 28, 2019**

The Region 10 Nominating Committee will announce their recommended slate by July 31, 2019. On August 1, 2019 the election will begin with ballots sent to General Managers and Board Presidents. One ballot per agency will be counted. The election will be completed on September 30, 2019. On October 4, 2019, election results will be announced. The newly elected Region 10 Board Members will begin their two-year term of service on January 1, 2020.

If you have any questions, please contact Regional Affairs Representative Brian Sanders, at [brians@acwa.com](mailto:brians@acwa.com) or (916) 441-4545.



## 2019 ACWA Region Election Timeline 2020-2021 Term

**February 28:**

### **NOMINATING COMMITTEES APPOINTED**

- With concurrence of the region board, the region chairs appoint at least three region members to serve as the respective region's Nominating Committee
- Those serving on nominating committees are ineligible to seek region offices
- Nominating Committee members are posted online at [www.acwa.com](http://www.acwa.com)

**March 1-31:**

### **NOMINATING COMMITTEE TRAINING**

- Nominating Committee packets will be e-mailed out to each committee member
- ACWA staff will hold a training session via conference call with each nominating committee to educate them on their specific role and duties
  - Regions 1-10 Nominating Committees: via Go-to-Meeting

**May 13:**

### **CALL FOR CANDIDATES**

- The call for candidate nominations packet will be e-mailed to ACWA member agency Board Presidents and General Managers

**June 28:**

### **DEADLINE FOR COMPLETED NOMINATION FORMS**

- Deadline to submit all Nomination Forms and board resolutions of support for candidacy for region positions
- Nominating Committee members may need to solicit additional candidates in person to achieve a full complement of nominees for the slate

**July 10:**

### **CANDIDATE INFORMATION TO NOMINATING COMMITTEES**

- All information submitted by candidates will be forwarded from ACWA staff to the respective region Nominating Committee members with a cover memo explaining their task

## July 11 - 31:

### RECOMMENDED SLATES SELECTED

- Nominating Committees will meet to determine the recommended individuals for their region. The slate will be placed on the election ballot.
- Nominating Committee Chairs will inform their respective ACWA Regional Affairs Representative of their recommended slate by July 24
- Candidates will be notified of the recommended slate by August 1
- The Nominating Committee Chair will approve the official region ballot

## August 1:

### ELECTIONS BEGIN

- All 10 official electronic ballots identifying the recommended slate and any additional candidates for consideration for each region will be produced and e-mailed to ACWA member agencies only
- Only one ballot per agency will be counted

## September 30:

### ELECTION BALLOTS DUE

- ***Deadline for all region elections. All region ballots must be received by ACWA by September 30, 2019***

## October 4:

### ANNOUNCEMENT OF ELECTION RESULTS

- Newly-elected members of the region boards will be contacted accordingly
- An ACWA Advisory will be distributed electronically to all members reporting the statewide region election results
- Results will be posted at [acwa.com](http://acwa.com) and will be published in the October issue of ACWA News

# **GENERAL MANAGER'S REPORT**

**June 2019**

## **I. OFFICE OF THE GENERAL MANAGER**

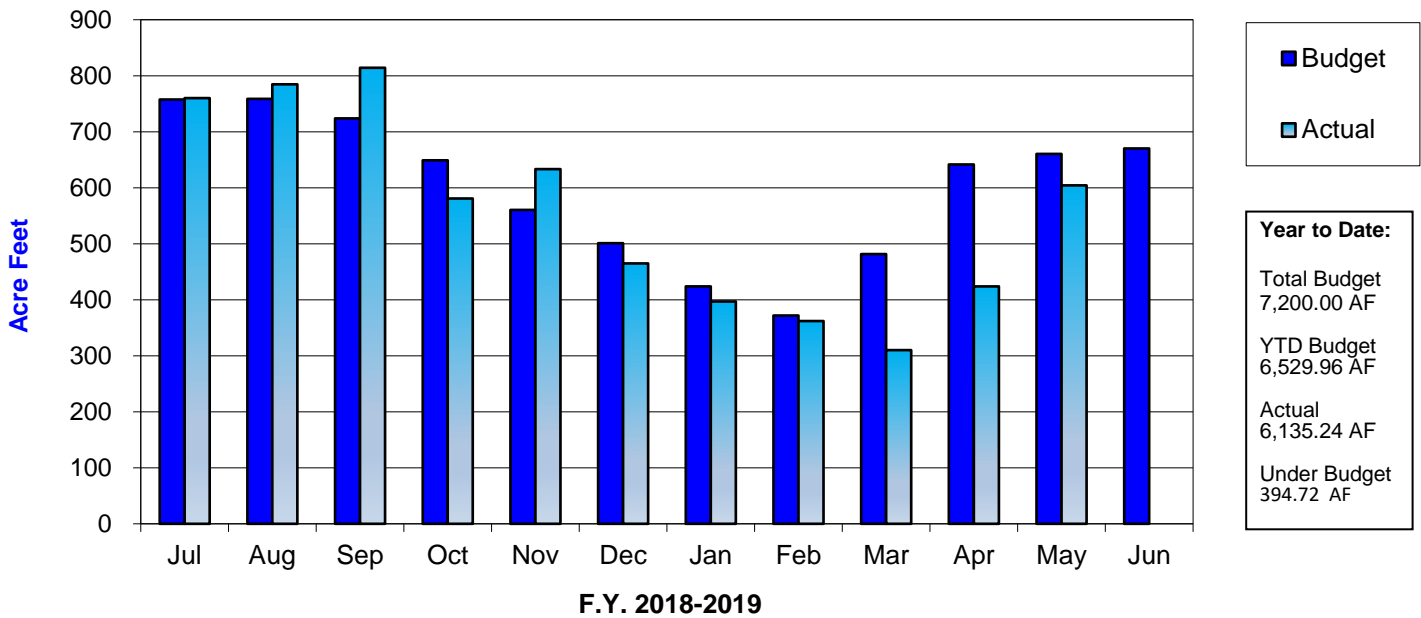
- Attended Chair/GM Meetings
- Attended Special Board Meeting
- Attended Agenda Review Meeting
- Attended Lunch with Joone Lopez, MNWD General Manager
- Attended Engineering/FIC Meeting
- Attended Regular Board Meeting

## **II. DOMESTIC AND RECYCLED WATER SALES**

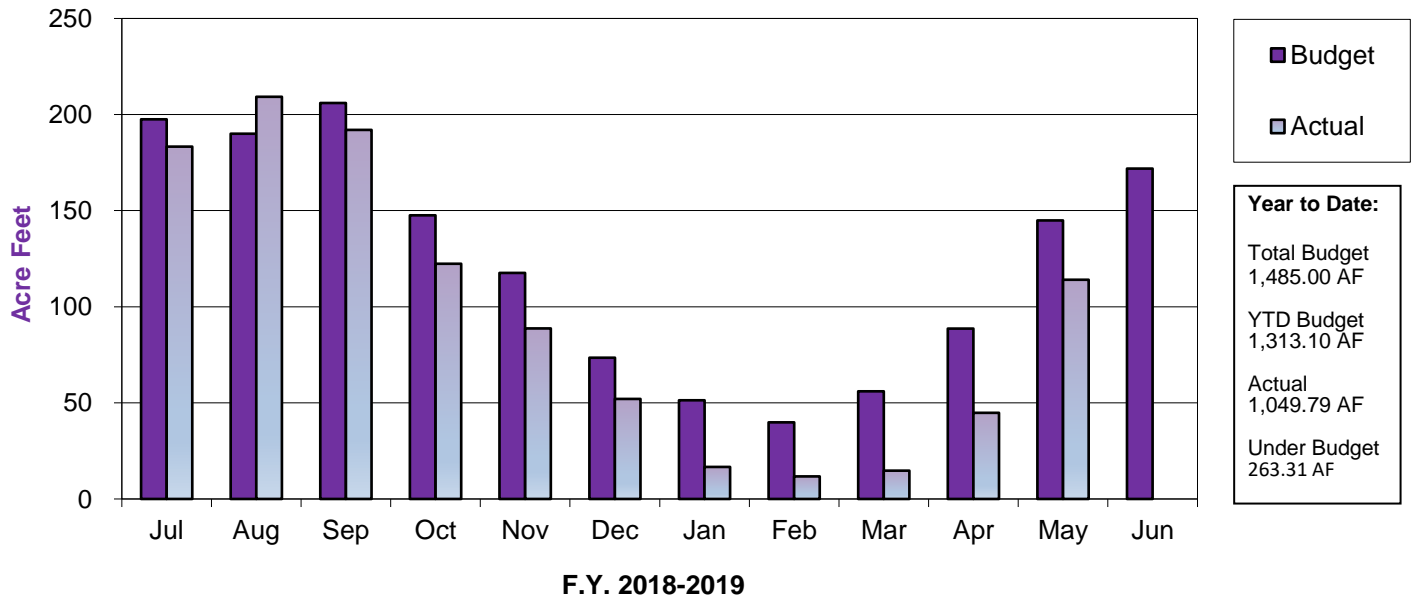
Actual domestic sales for the year-to-date as of May 31, 2019 are 6,135.24 acre-feet. This compares to year-to-date budgeted domestic sales of 6,529.96 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 394.72 acre-feet. Actual sales are 530.86 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of May 31, 2019 are 1,049.79 acre-feet. This compares to year-to-date budgeted recycled sales of 1,313.10 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 263.31 acre-feet. Actual sales are 217.82 acre-feet lower than last year-to-date actual sales for the same period.

## POTABLE WATER SALES



## RECYCLED WATER SALES



## Customer Service Activity Report

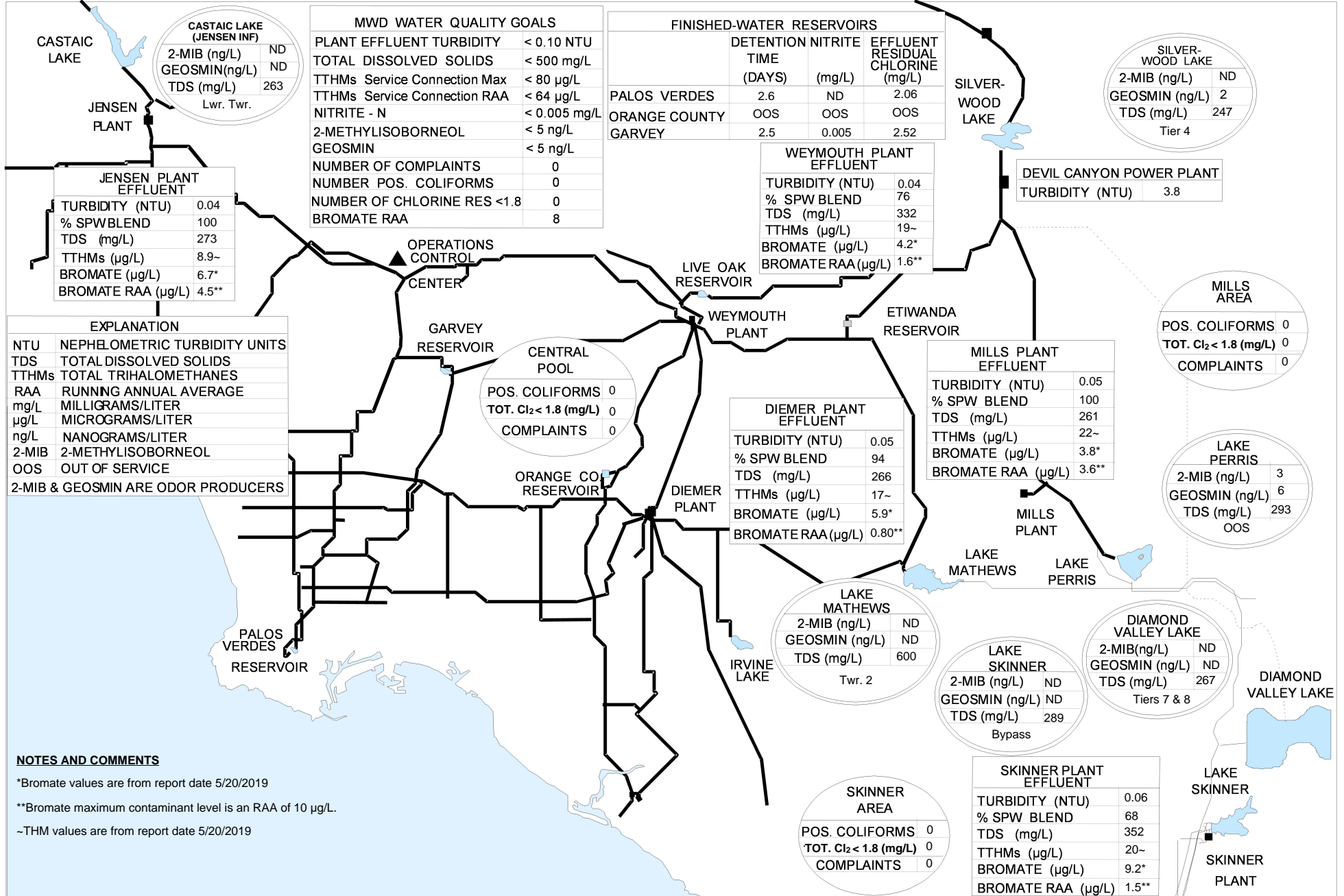
MAY 2019

Regular Service Calls	MAY 2019	MAY 2018	Telephone Calls	MAY 2019	MAY 2018
Serviceman Dispatched to Read, Connect/Disconnect Service	91	62	Change of Service: Connections and Disconnections	123	91
<b>Field Investigations:</b>			Billing / Payments & Graph Inquires	279	415
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	84	104
Customer Responsible	22	29			
District Responsible	3	16	Variance / Waiver Inquiries	40	70
None found/other	12	7	Variance / Waiver Requests Processed	11	11
High Reads Checked - High Consumption (Billing Dept.)			Ordinance Infraction / Water Waste Complaints	2	6
Cust Leaks: _9_ No Leaks: _13_	22	30			
Check Stopped Slowed Meters-Low Consumption (Billing)	6	1	Outside Utility Districts	56	106
Re-Check Read	1	4	Phone calls Transfer to other Departments within ETWD	106	157
Ordinance Infraction	3	6	Phone calls for the Board of Directors	3	3
Recycled Water	0	0	Recycled Water	0	19
Water Quality: Taste / Odor / Color	1	2	Water Quality Taste - Odor - Color	0	11
Phone response: _1_ Field response: _0_			Leaks / Breaks	18	52
Flooding (Hydrant) Meters issued	1	0	Flooding Meter calls (Hydrant)	1	7
Sewer - Odor/Stoppage/ Manhole Covers	0	1	Sewer Problems (odor / spills)	3	4
Meter Box: Lids / Covers Replaced	32	47			
Meter Box Clean, Digout	8	19	Backflow / Cross Connection (questions or yearly testing forms)	4	7
			ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	8	22
Raised Meter Box	0	3			
Trim Bushes / Meter Obstruction	47	40	Tyco (ADT) Calls (Alarms to ETWD facilities)	3	3
General Maintenance Response	7	4	ATT Calls (access to tower sites)	1	5
Fire Hydrants: Hit / Leaks / Caps	0	0	SCE Calls (access to tower sites)	0	5
Pressure(psi) Checks / Reads	1	5	Pager Calls specifically for Pump Stations - SCADA	0	1
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	9	16			
AMS angle-meter-stop replace/repair	0	0			
Bees Removed	1	0	Payment Extensions	74	109
Backflow / Cross Connection	4	2	Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	51	35
Fogged Registers	0	42	Return Calls from customers left on our voice mail system. Ext 500	10	57
OMCOP: Old Meter Change - Out Program	6	2	Email Correspondence:	59	55
Other: (uncommon non-maintenance calls)	3	5	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	2	68
On-Call After Hrs. CS Response	22	34	Misc. (other: employment, deliveries, sales calls)	81	68
# 48/24 Hr. Door Hangers Hung	167	130			
# Locked Off For Non-Pay (Disconnect)	10	13			
Removed Meter	0	1			
New Meter	12	0			
Unread Meters	5	0			
<b>Total Field Investigations</b>	<b>496</b>	<b>521</b>	<b>Total Telephone Calls</b>	<b>1019</b>	<b>1491</b>
<b>Uncollectible Accounts:</b>			<b>Credit Card Payments</b>	<b>MAY 2019</b>	<b>MAY 2018</b>
Budget YTD	\$ 18,333.00	\$ 18,333.00	REGULAR	809 \$83,532.84	609 \$60,821.13
Actual YTD	\$ 18,583.00	\$ 10,646.00	DISCONNECTS		



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**No violations of State or Federal regulations were recorded during the current period.**



WATER QUALITY INFORMATION LINE: (800) 354-4420  
VISIT MWD ON THE WEB AT <http://www.mwdh2o.com>



# MICROBIOLOGICAL MONITORING

MAY 2019

## PRESSURE ZONE LEGEND

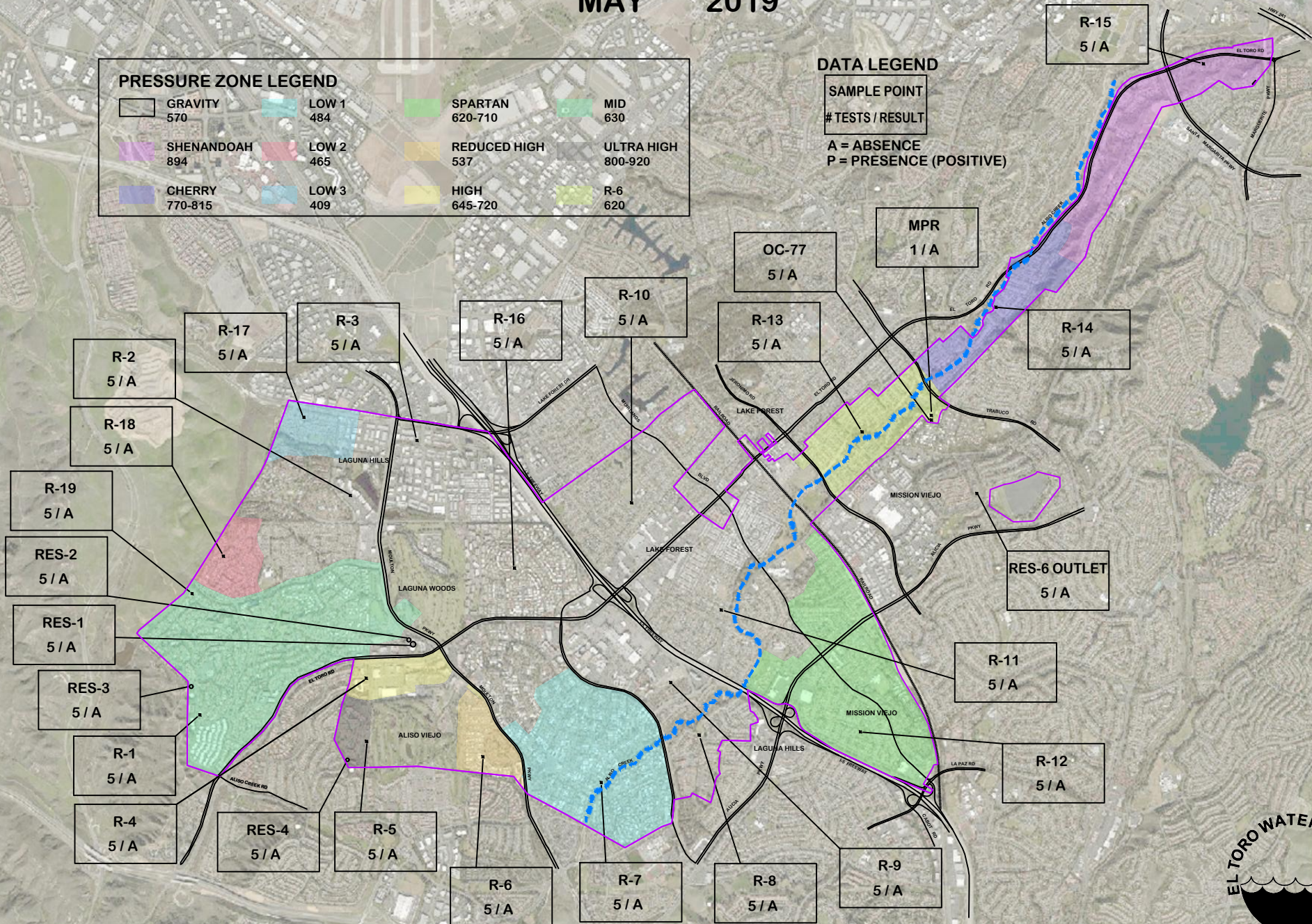
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

## DATA LEGEND

SAMPLE POINT

# TESTS / RESULT

A = ABSENCE  
P = PRESENCE (POSITIVE)





# CHLORINE RESIDUAL MONITORING

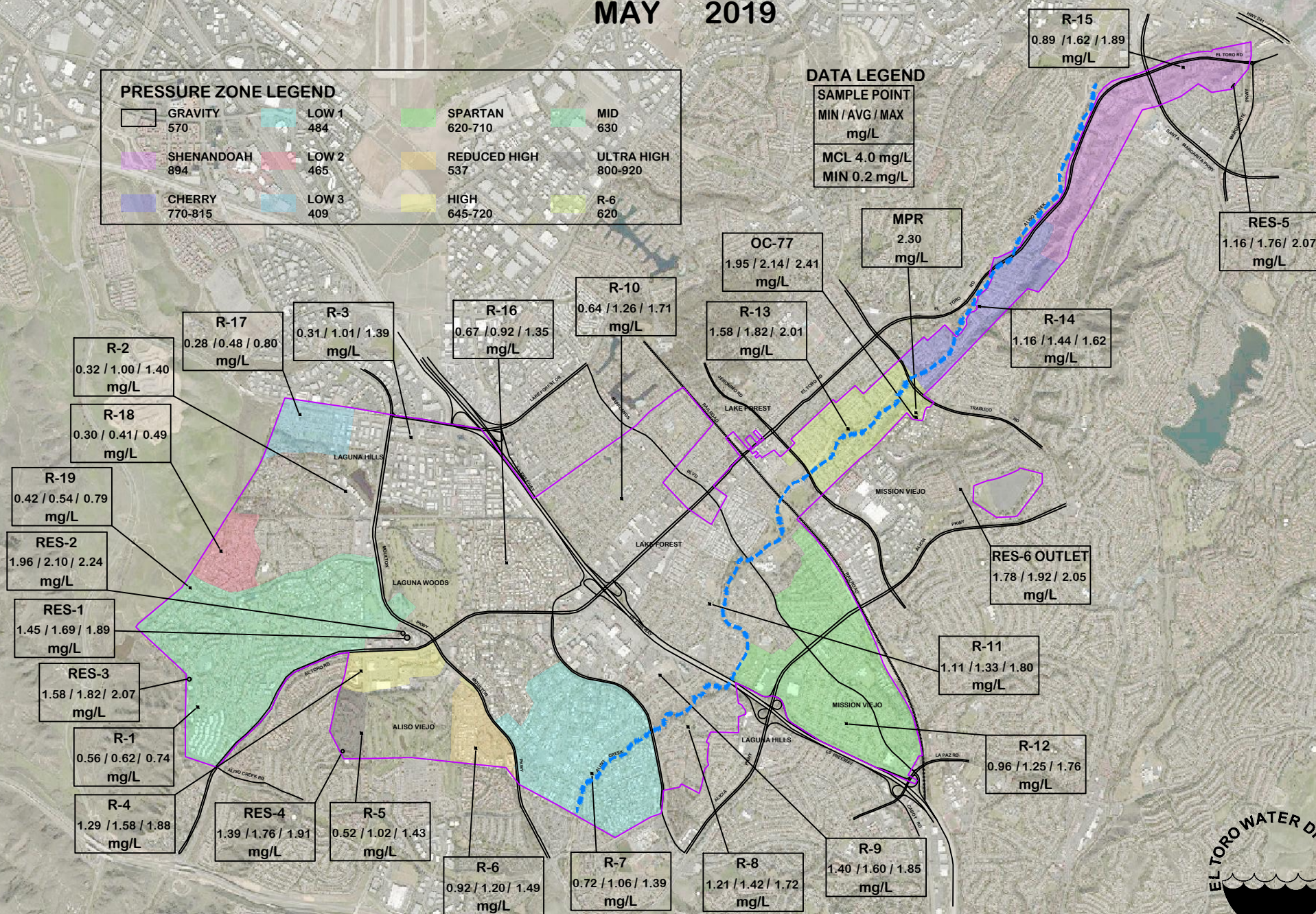
MAY 2019

## PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

## DATA LEGEND

SAMPLE POINT
MIN / AVG / MAX
mg/L
MCL 4.0 mg/L
MIN 0.2 mg/L





# NITRITE MONITORING

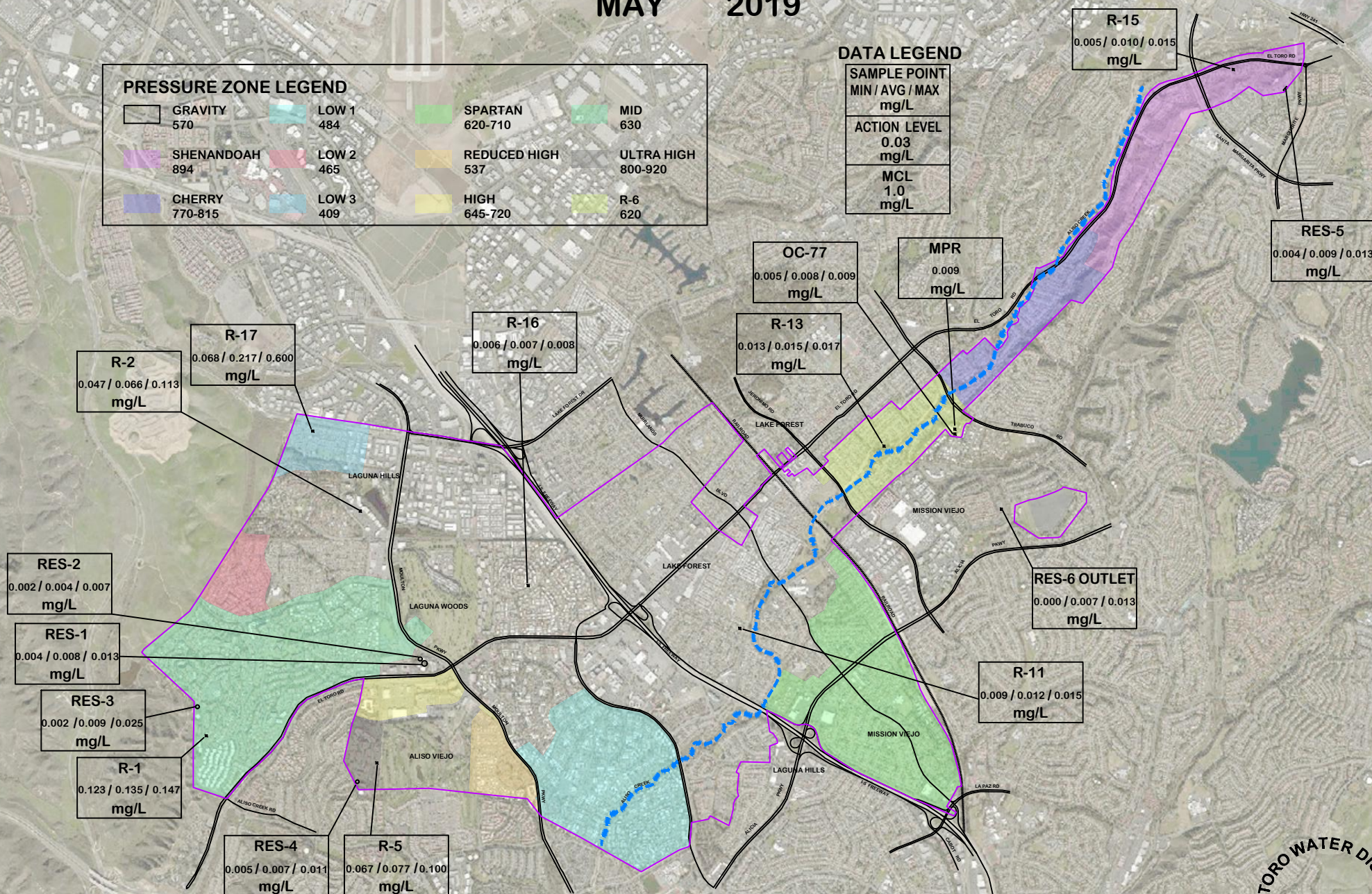
MAY 2019

## PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

## DATA LEGEND

SAMPLE POINT MIN / AVG / MAX mg/L
ACTION LEVEL 0.03 mg/L
MCL 1.0 mg/L





# FLUORIDE MONITORING

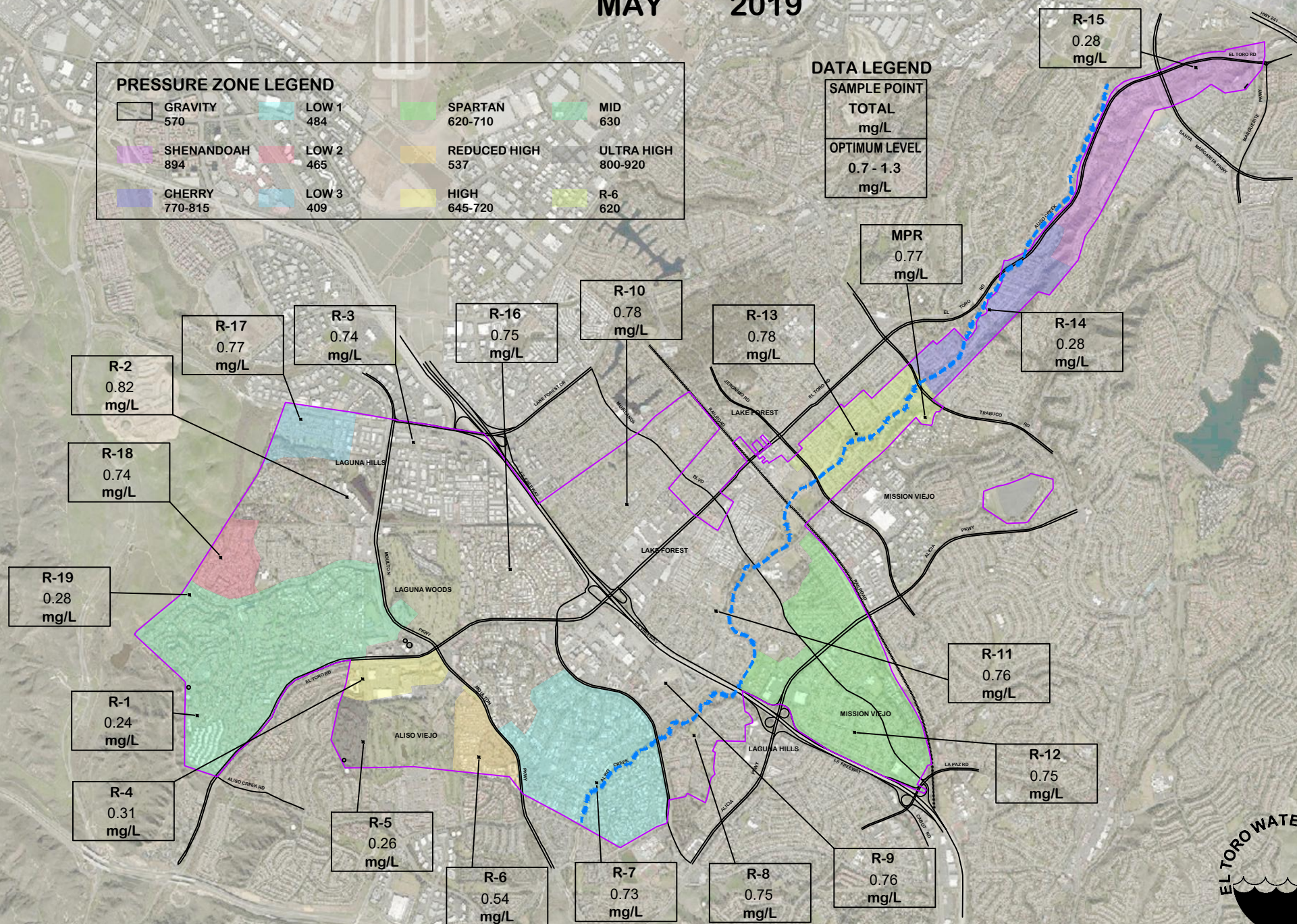
MAY 2019

## PRESSURE ZONE LEGEND

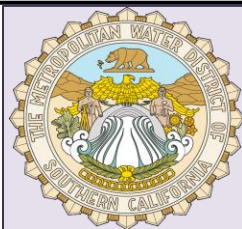
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

## DATA LEGEND

SAMPLE POINT
TOTAL mg/L
OPTIMUM LEVEL 0.7 - 1.3 mg/L







# Water Supply Conditions Report

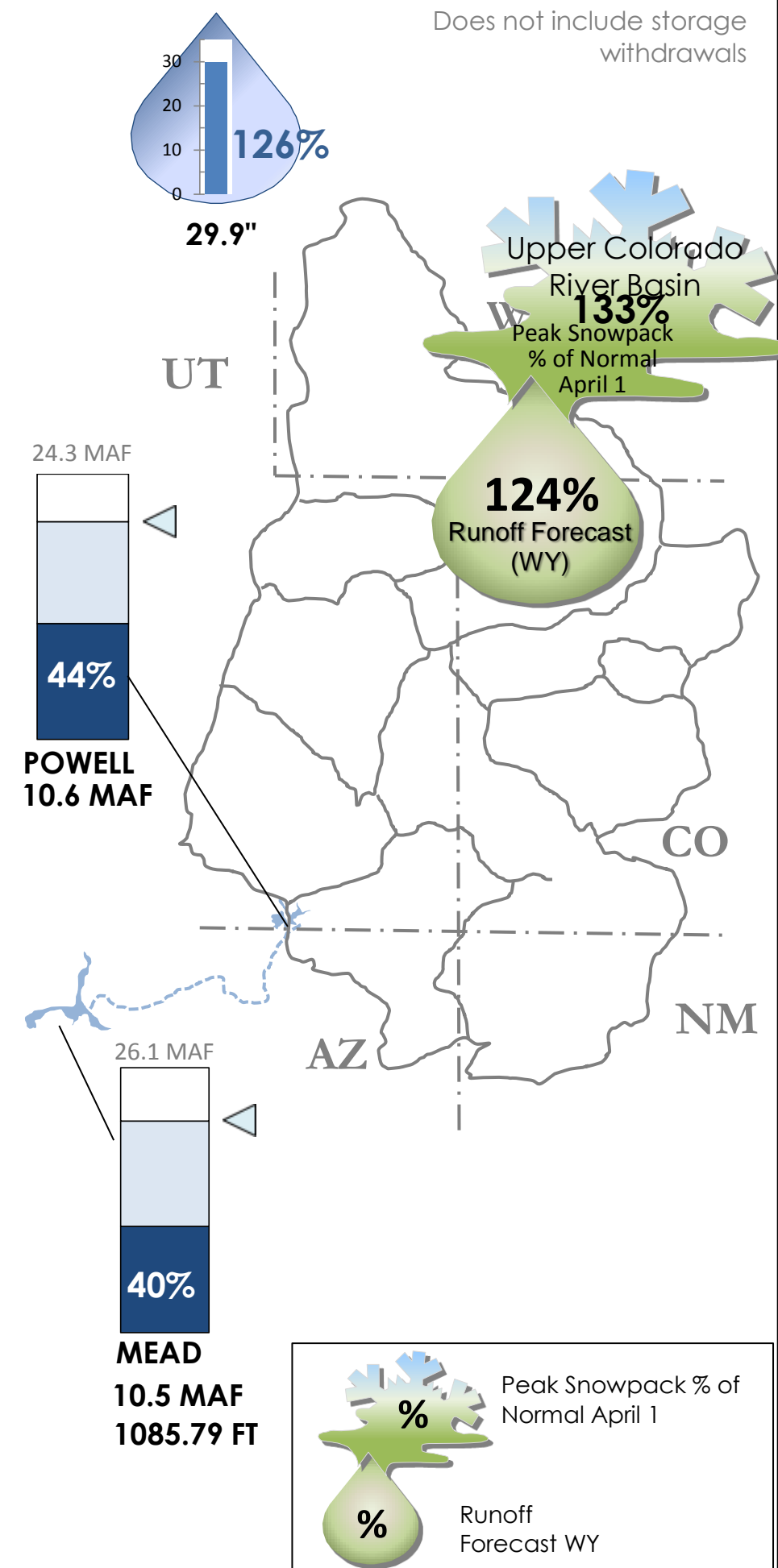
As of: 06/06/2019

## 2019 Colorado River

972,931 AF

78% of full CRA

Does not include storage withdrawals



Turn page for more CRA Data

Flip Over for SWP

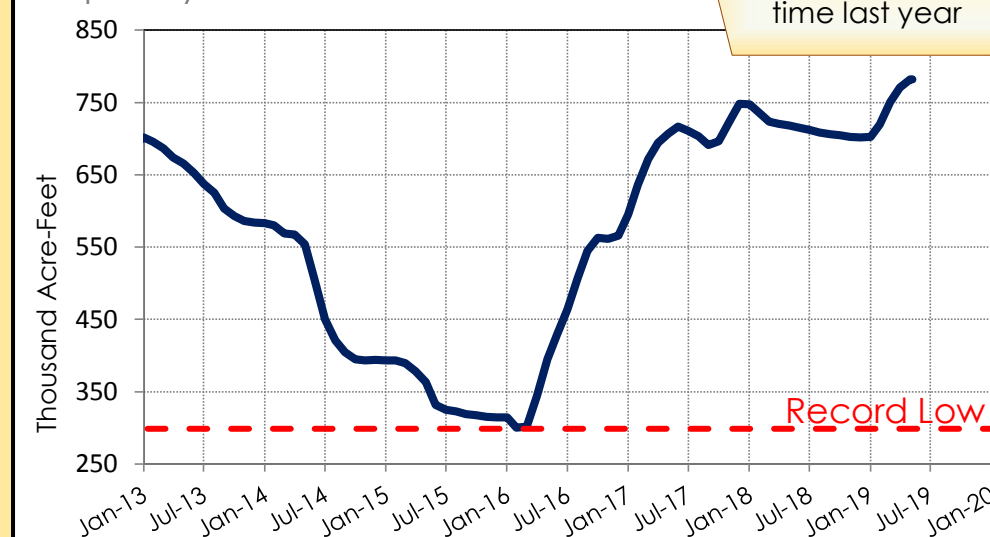
## Highlights

- ◆ Northern Sierra snowpack peaked at 163% of April 1 normal
- ◆ Sacramento River Runoff forecast is 137% of normal
- ◆ Snowpack in the Upper Colorado River Basin peaked at 133% of April 1 normal
- ◆ Lake Powell inflow forecast is at 124% of normal

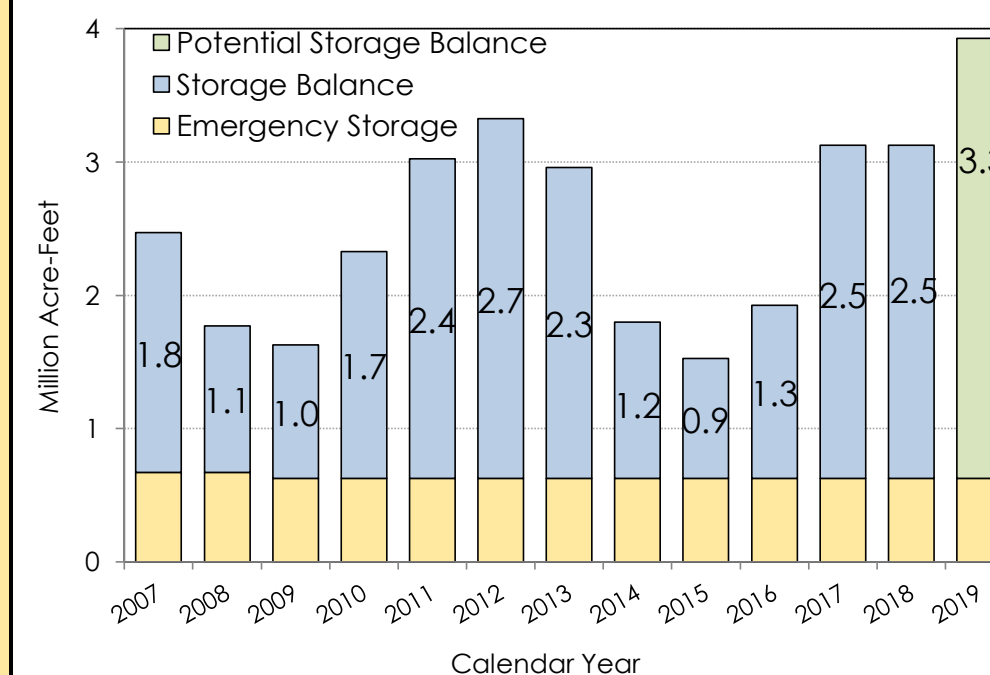
## Diamond Valley Lake Storage

Capacity: 810 TAF

65 TAF more in storage than this time last year



## MWD Storage Reserve Levels

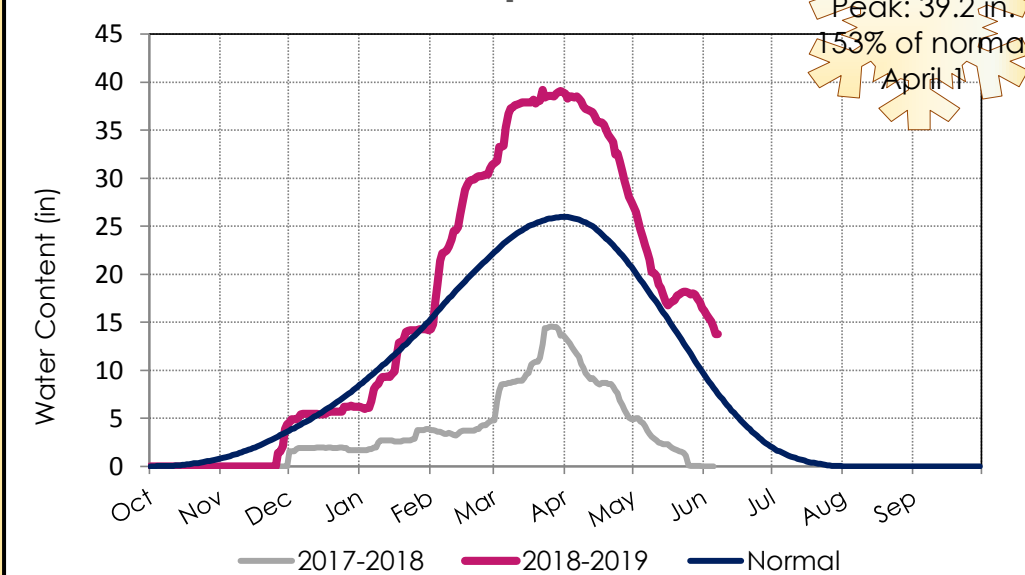


This report is produced by the Water Resource Management and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale.

<http://www.mwdh2o.com/WSCR>

This report is best printed double sided on legal size paper (8.5" x 14") and folded in quarters

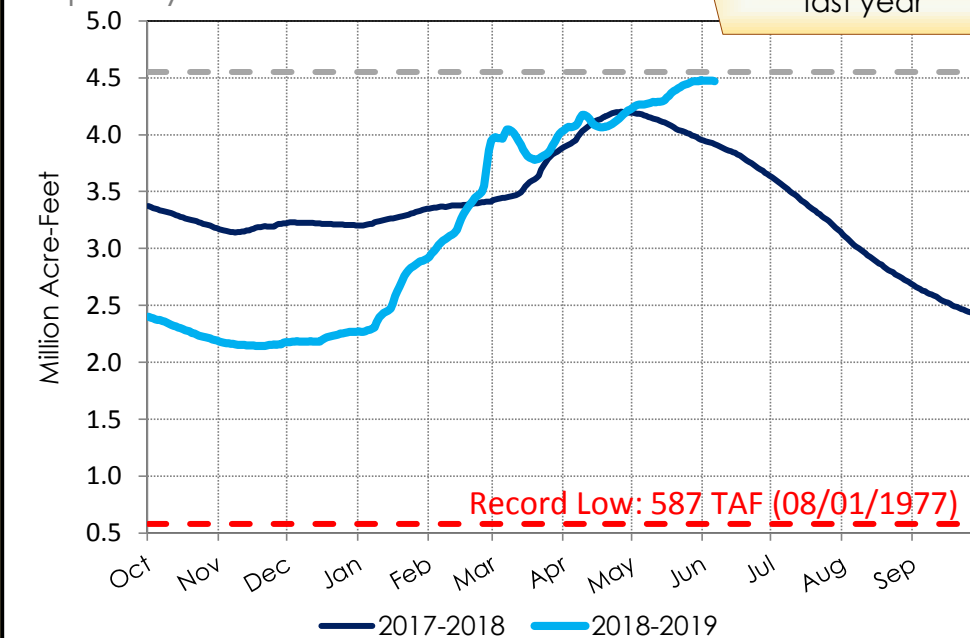
## Southern Sierra Snowpack



## Lake Shasta Reservoir Storage

Capacity: 4.55 MAF

555 TAF more in storage than this time last year



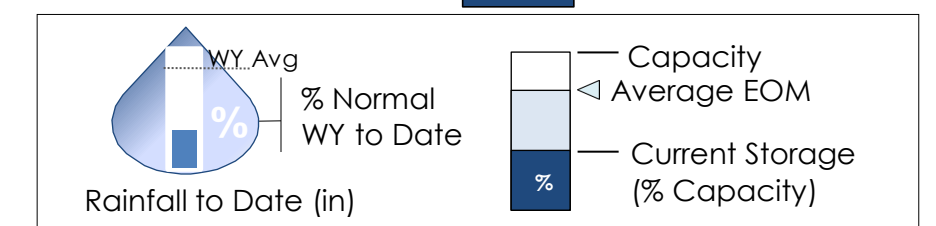
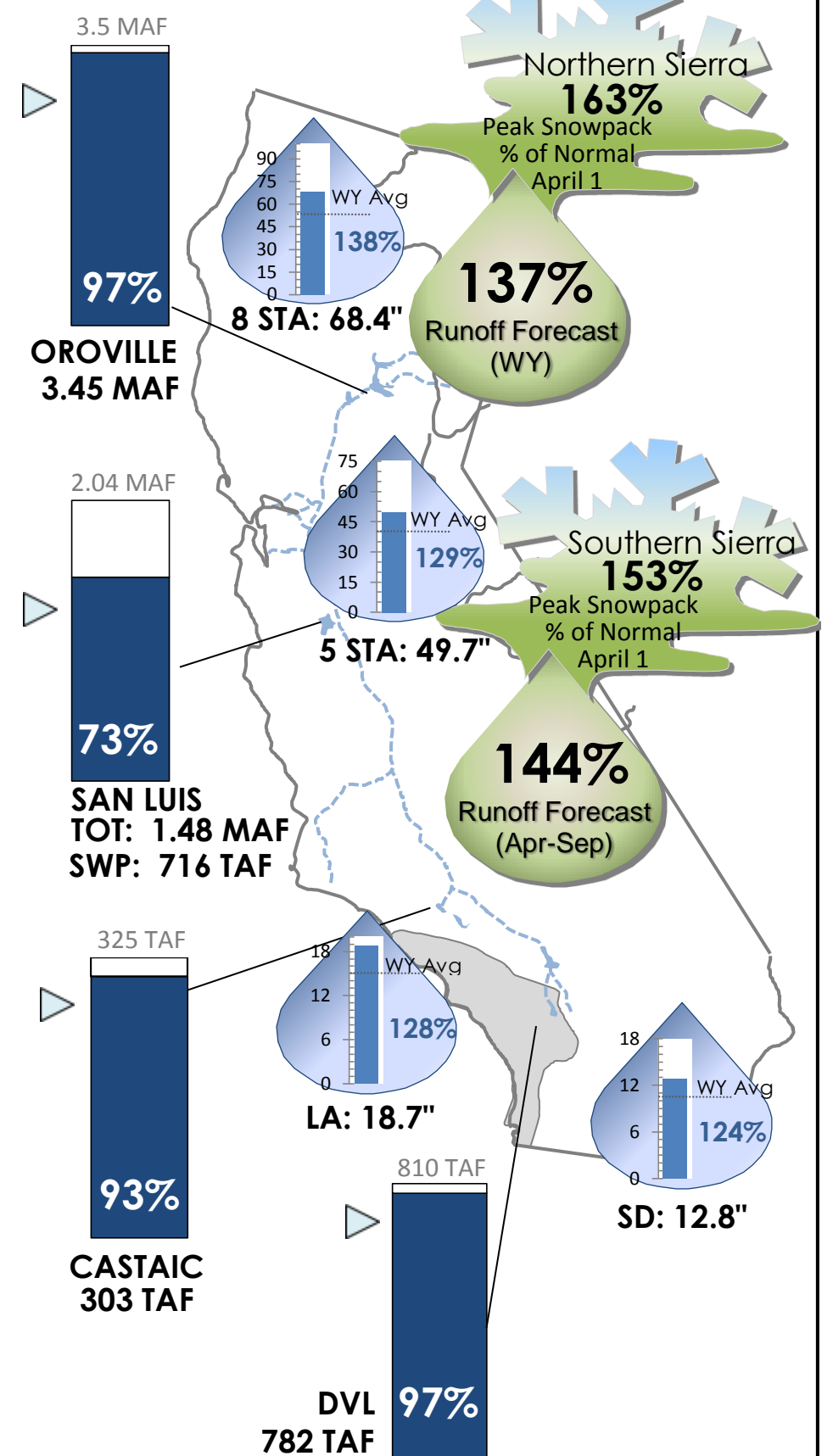
# Water Supply Conditions Report

As of: 06/06/2019

## 2019 SWP Allocation

1,338,050 AF

70% of Table A



Flip Over for CRA Data

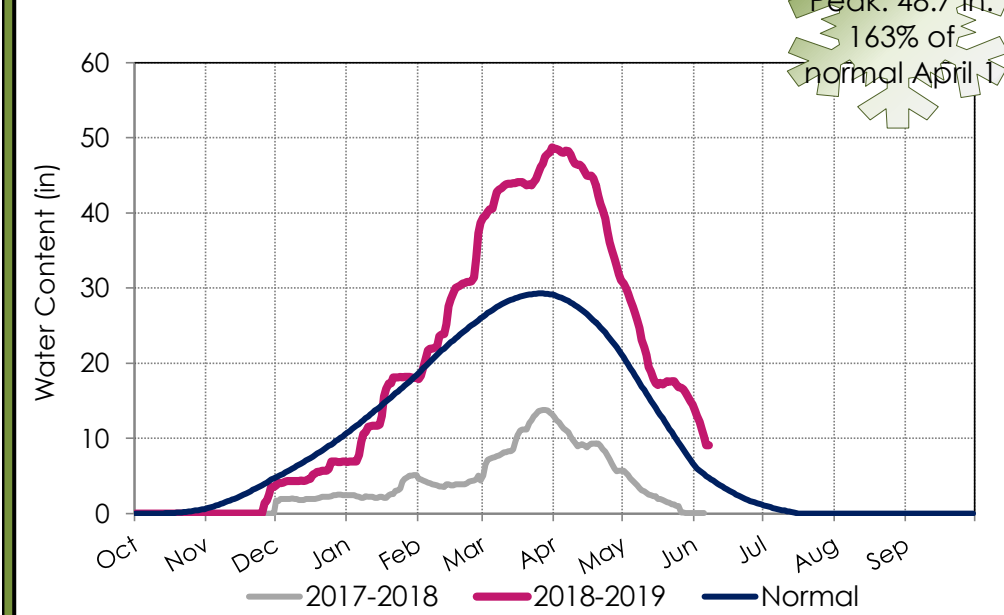
Turn page for more SWP Data



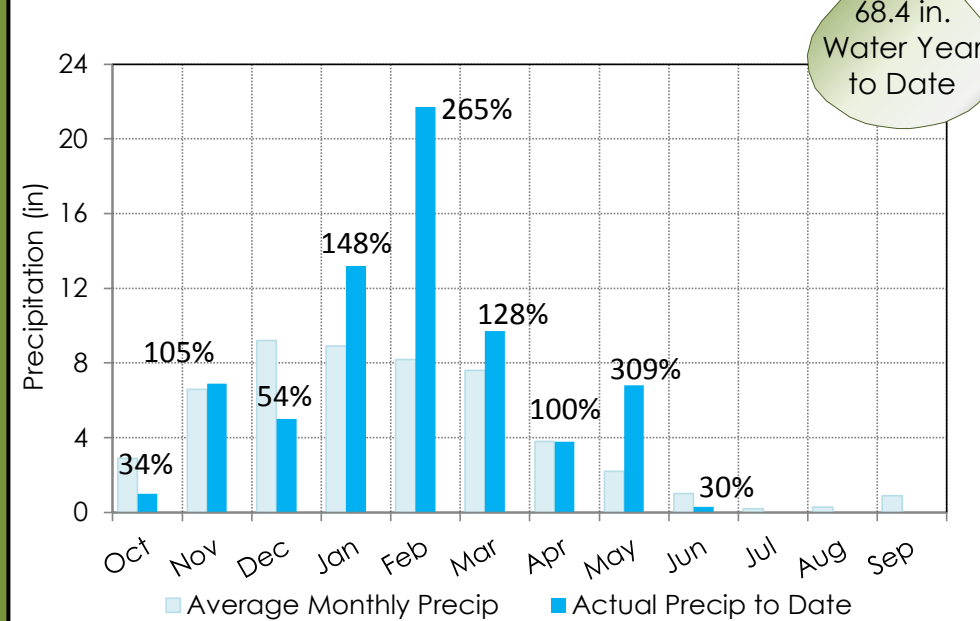
As of: 06/06/2019

## State Water Project Resources

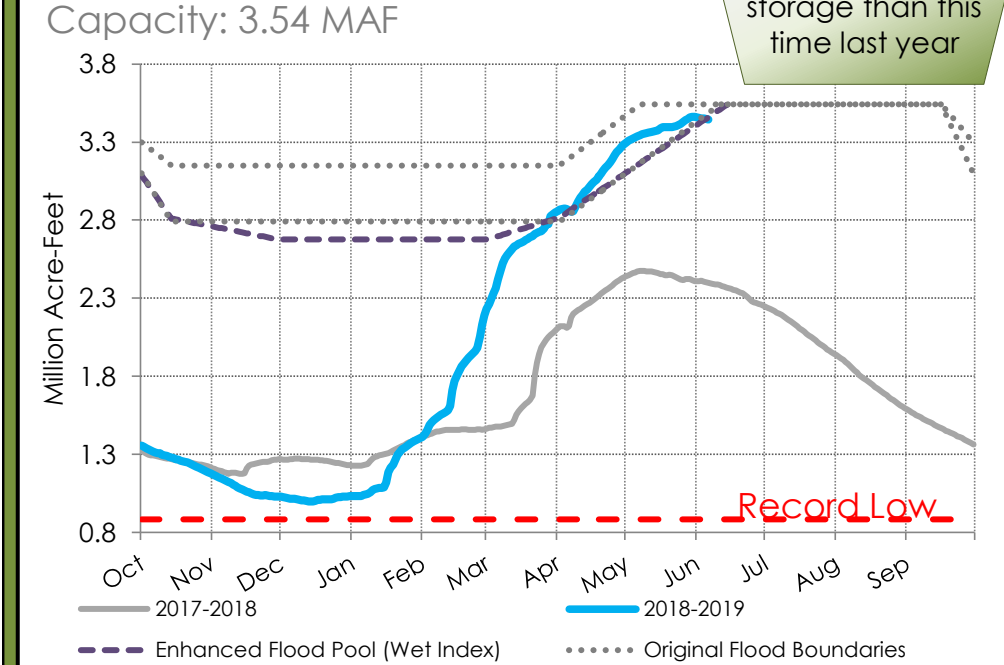
### Northern Sierra Snowpack



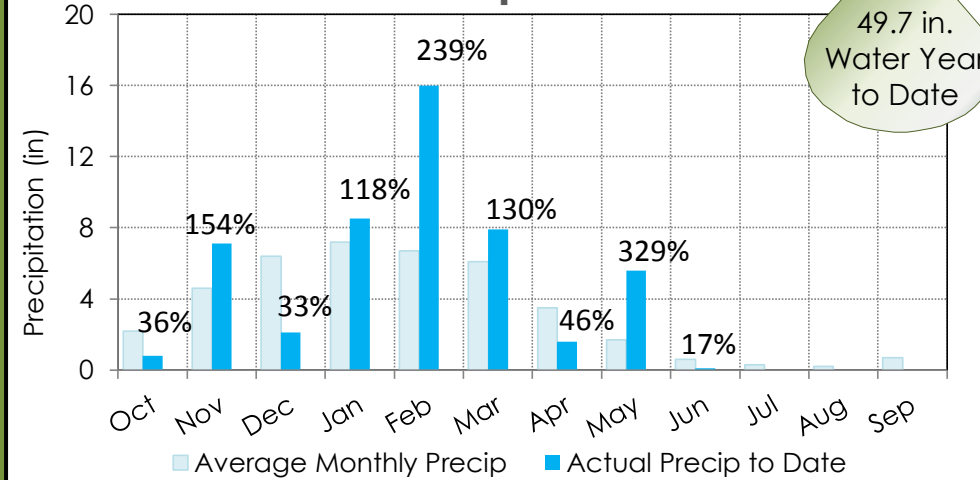
### 8 Station Index Precip



### Oroville Reservoir Storage



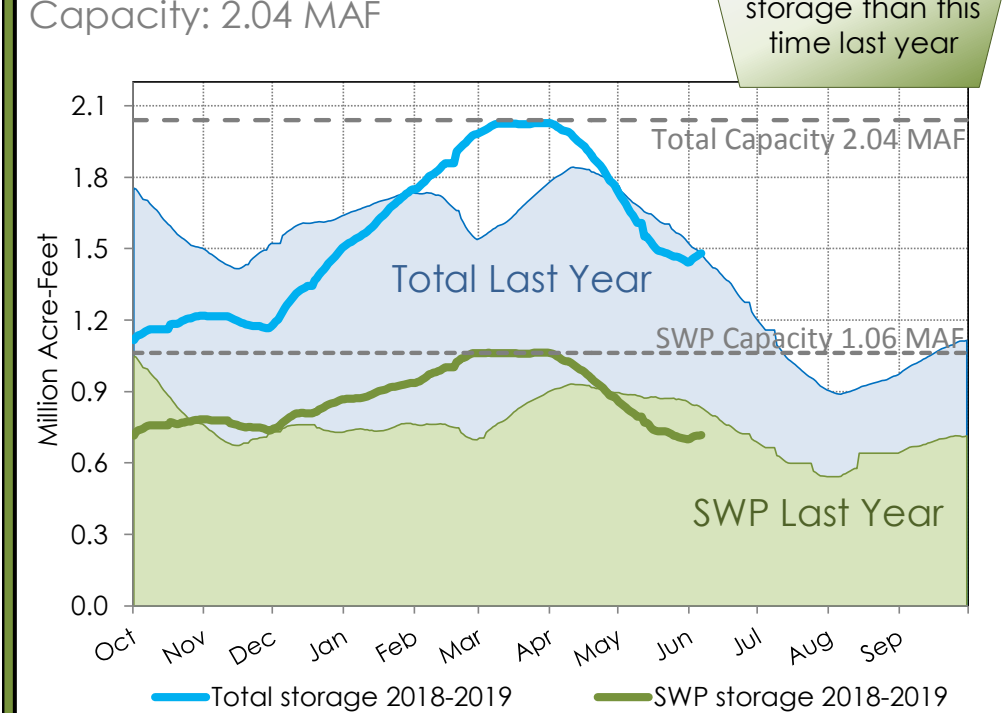
### 5 Station Index Precip



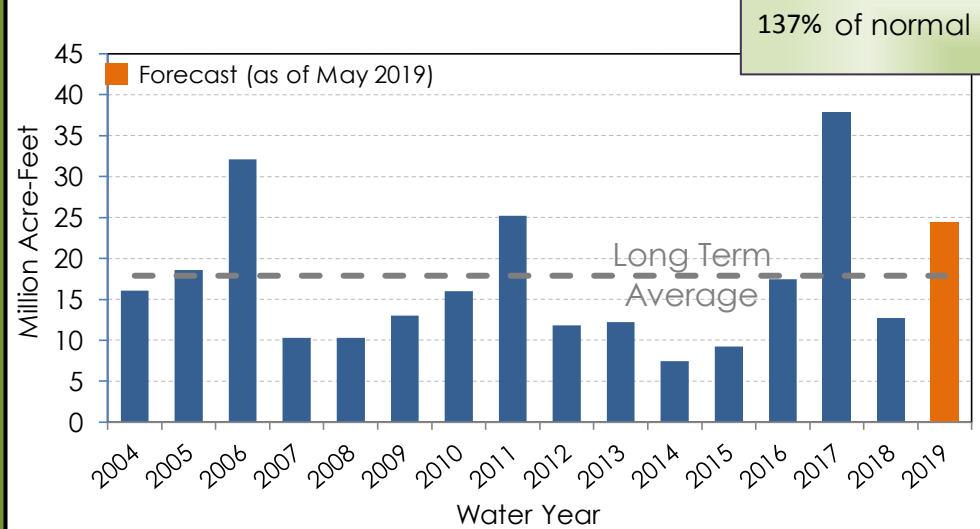
### Other SWP Contract Supplies for 2019 (AF)

Article 21	65,000
Carryover	93,000

### San Luis Reservoir Storage



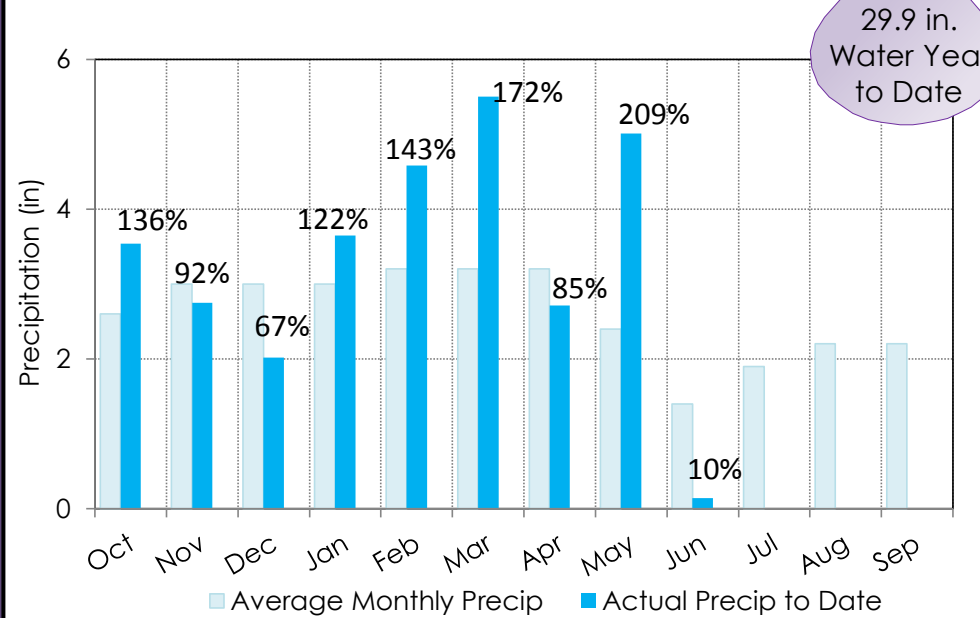
### Sacramento River Runoff



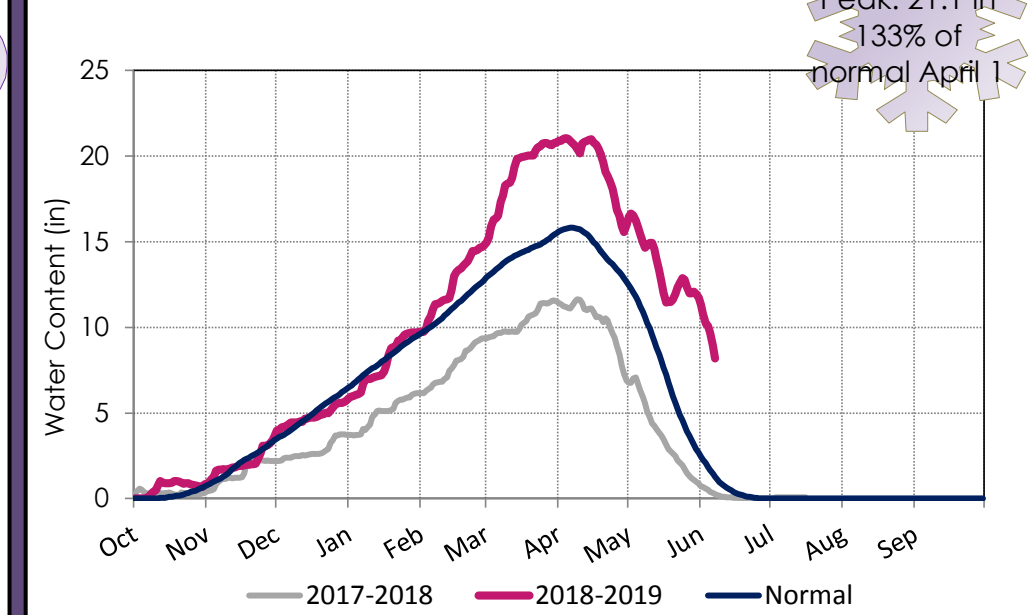
## Colorado River Resources

As of: 06/06/2019

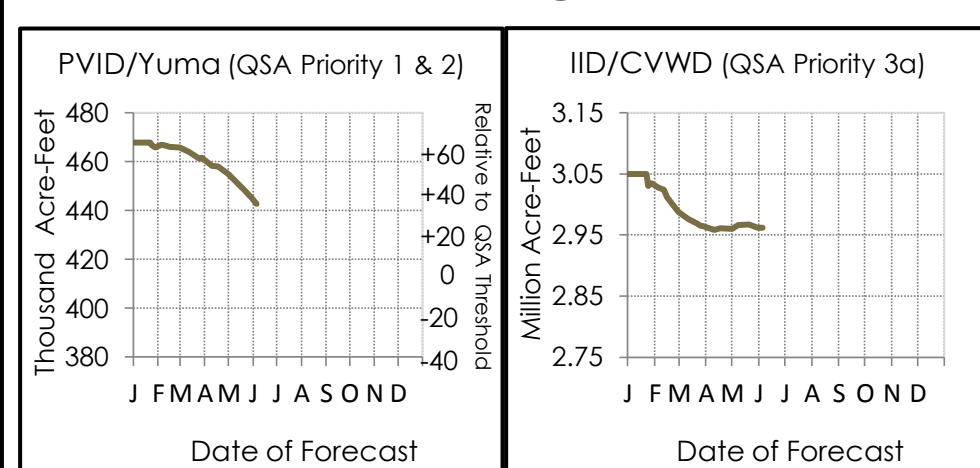
### Upper Colorado Basin Precip



### Upper Colorado Basin Snowpack



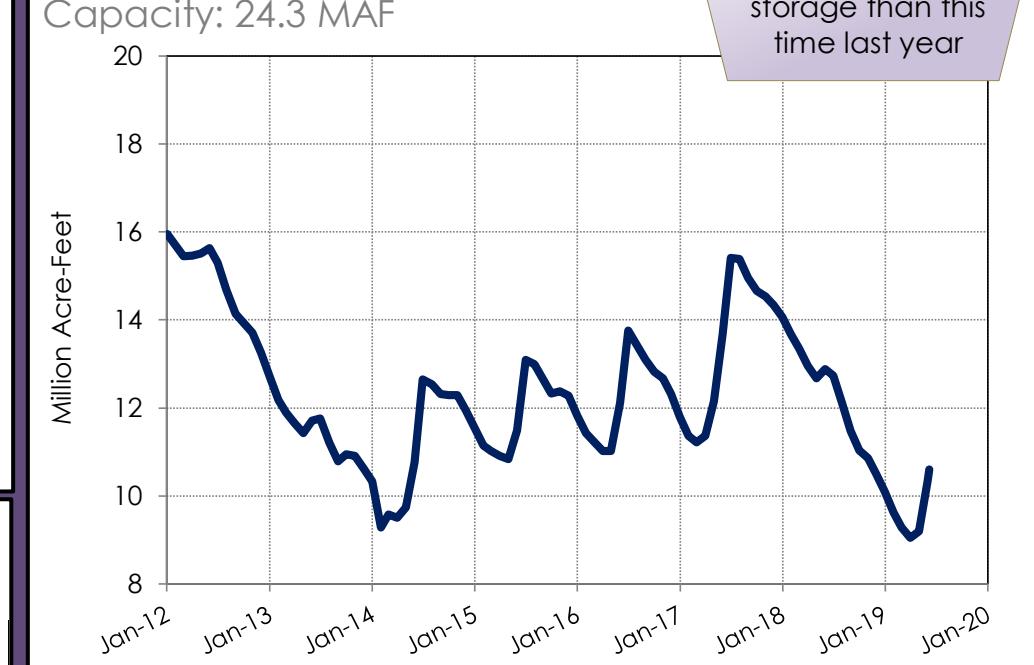
### 2018 Colorado River Ag Use



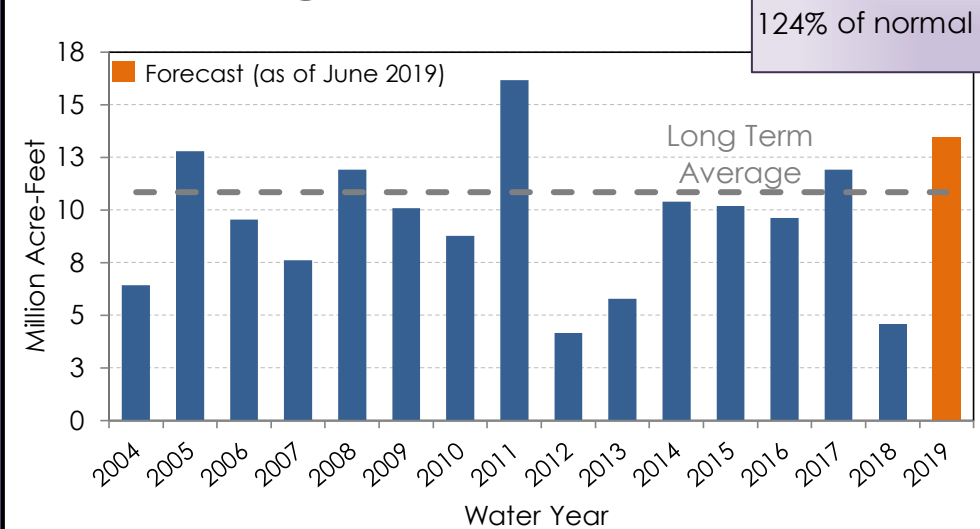
### Lake Mead Shortage/Surplus Outlook

Table Pending

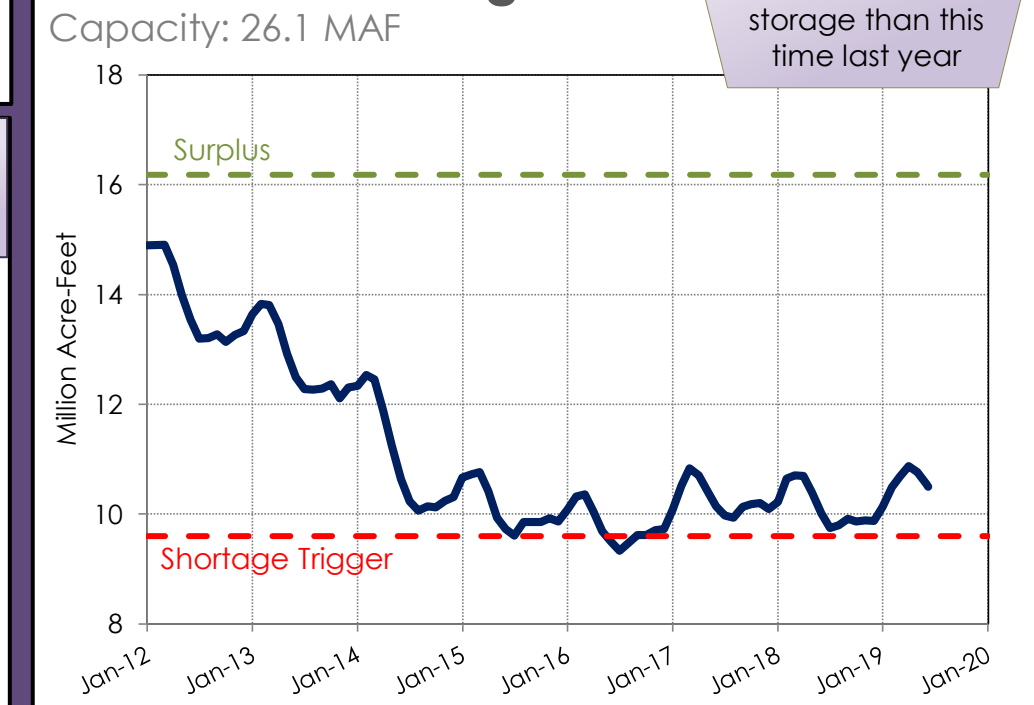
### Lake Powell Storage



### Powell Unregulated Inflow



### Lake Mead Storage



**EL TORO WATER DISTRICT  
MONTHLY POTABLE WATER QUALITY REPORT**

The quality and safety of drinking water in the U.S. is regulated by the federal government through the U.S. Environmental Protection agency (USEPA). In California, those standards are enforced by the California Department of Public Health (CDPH). Water Quality parameters must meet both primary and secondary water quality standards as established by the CDPH.

**PRIMARY STANDARDS** - are intended to protect public health against substances in the water that may be harmful to humans if consumed for long periods of time.

**SECONDARY STANDARDS** - are to ensure esthetic qualities of water such as taste, odor or clarity. Rather than its healthfulness, these standards govern substances that may influence consumer acceptance of water.

Given that 100% of ETWD's potable water resource is fully treated and delivered by Metropolitan Water District of southern California (MWDSC) through an enclosed and protected conveyance system, the majority of the State and federal primary and secondary source water quality monitoring requirements are performed by MWDSC. The District's physical responsibility for water quality monitoring is associated with the distribution system. To monitor the distribution system water quality the District utilizes both in house and outside lab services. Routine distribution analysis conforming to CDPH requirements is conducted for the following constituents:

- 1) **Microbiological** - The number of microbiological samples and the frequency of analysis during the month is based on the population and/or service connections served. Utilizing a population of 50,000, the CDPH requires that 20 "representative" samples be collected and analyzed for coliform bacteria. The objective is to maintain water quality that is absent of coliform bacteria which is a general indicator for the existence of fecal coliform.
- 2) **Chlorine Residual** - The chlorine residual monitoring is performed in conjunction with the microbiological monitoring. The CDPH requirement for treated surface water mandates that the distribution system maintain a "detectable" residual. The number of and frequency of sampling is determined utilizing the same formula applied to microbiological requirements. At a minimum, we are obligated to collect and analyze for chlorine residual each time we collect the representative microbiological samples. Per EPA Disinfectants & Disinfection Byproduct Rule (D/DBP), which was effective January 2002, requires quarterly reporting for all sampling.
- 3) **TTHM & HAA5 Stage 2 DBPR Compliance** The U.S. Environmental Protection Agency (EPA) published the Stage 2 Disinfectants and Disinfection Byproducts Rule (Stage 2 DBPR) on January 4, 2006. The Stage 2 DBPR builds on existing regulations by requiring water systems to meet disinfection byproduct (DBP)\* maximum contaminant levels (MCLs) at each monitoring site in the distribution system to better protect public health. The Stage 2 DBP rule is intended to reduce potential cancer and reproductive and developmental health risks from disinfection byproducts (DBPs) in drinking water, which form when disinfectants are used to control microbial pathogens. This final rule strengthens public health protection for customers of systems that deliver disinfected water by requiring such systems to meet maximum contaminant levels as an average at each compliance monitoring location (instead of as a system-wide average as in previous rules) for two groups of DBPs, trihalomethanes (TTHM) and five haloacetic acids (HAA5). The rule targets systems with the greatest risk and builds incrementally on existing rules. This regulation will reduce DBP exposure and related potential health risks and provide more equitable public health protection. The Stage 2 DBPR is being released simultaneously with the Long Term 2 Enhanced Surface Water Treatment Rule to address concerns about risk tradeoffs between pathogens and DBPs.

The mandatory requirement under the Stage 2 DBP rule, known as an Initial Distribution System Evaluation (IDSE) was completed by ETWD in 2008 and a Stage 2 monitoring plan has been approved by CDPH. Full Stage 2 compliance begins in 2012. The IDSE identified the locations with high disinfection byproduct concentrations. These locations will then be used by the District as the 8 sampling sites for Stage 2 DBP rule compliance monitoring. Compliance with the maximum contaminant levels for two groups of disinfection byproducts (TTHM and HAA5) will be calculated for each monitoring location in the distribution system. This approach, referred to as the locational running annual average (LRAA), differs from current requirements, which determine compliance by calculating the running annual average of samples from all monitoring locations across the system. The Stage 2 DBP rule also requires each system to determine if they have exceeded an operational evaluation level, which is identified using their compliance monitoring results. The operational evaluation level provides an early warning of possible future MCL violations, which allows the system to take proactive steps to remain in compliance. A system that exceeds an operational evaluation level is required to review their operational practices and submit a report to the state that identifies actions that may be taken to mitigate future high DBP levels, particularly those that may jeopardize their compliance with the DBP MCLs.

- 4) **Physical Quality** - Physical Quality analysis is associated with the esthetic qualities of the finished water. Primarily, we are performing analysis for taste, odor and Turbidity (Clarity). In accordance with CDPH requirements, the District collects a minimum of 15 samples per month.
- 5) **Nitrites** - Although the chloramine disinfection process has been effective in controlling TTHM levels, it requires increased monitoring and adjustment as a result of its susceptibility to the Nitrification process. Nitrification is a biological process caused by naturally occurring ammonia oxidizing bacteria. Nitrification in chloraminated drinking water can have various adverse impacts on water quality, the most serious of which is the loss of total chlorine residual which is required by the CDPH and the subsequent potential to increase bacteria-logical activity within the finished or treated water system. MWD has developed an effective nitrification monitoring and prevention program which ETWD staff have adopted and incorporated into the District's daily water quality monitoring and action plan. The number and frequency of this type of monitoring is not currently regulated by CDPH. Staff monitor the level of nitrites in source water, reservoirs and the distribution system daily and weekly in conjunction with the microbiological and chlorine sampling program. A nitrite level of between 0.015 and 0.030 would signal an alert. > 0.030 would require action such as the addition of chlorine to produce a chloramine residual.

EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS					
MONTH:		May	YEAR : 2019		
CONSTITUENT ANALYSIS		INSIDE LAB		OUTSIDE LAB	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	144(A)	Pres/Absence		Average
2 Chlorine (ppm)	Detectable Resid	225	Average = 1.13 ppm		
3 TTHM (ppb) (Stage 2)	0.080 ppb		N/A		ppb
3 HAA5 (ppb) (Stage 2)	0.060 ppb		N/A		ppb
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.04 to 0.09		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	56.1°F To 72.0°F		
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	94	0.000 to 0.025 Res.		

To ensure water quality compliance, the District annually performs approximately 8,750 water quality analytical evaluations of the samples collected from the distribution system.

**Abbreviations:**

<b>RES</b>	<b>Indicates that the nitrification was isolated to a reservoir and treated</b>
<b>ND</b>	<b>None detected</b>
<b>Pres/Absence</b>	<b>Presence (P) or Absence (A) related to a positive or negative bacteriological result</b>
<b>MCL</b>	<b>Maximum Contaminant Level</b>
<b>NTU</b>	<b>Nephelometric Turbidity Units, a measure of the suspended material in the water</b>
<b>ppm</b>	<b>Parts per million</b>
<b>ppb</b>	<b>Parts per billion</b>
<b>Total Coliform</b>	<b>No more than 5% of the monthly samples may be total coliform-positive</b>
<b>N/A</b>	<b>Not available</b>



**EL TORO WATER DISTRICT  
COLLECTION SYSTEM ACTIVITY REPORT**

**MONTH ENDING:**

May

2019

ODOR COMPLAINTS		NUMBER	LOCATION, ORIGIN, ACTION:		
Outside Laguna Woods Village					
Outside Laguna Woods Village					
Laguna Woods Village					
New World					
Private System					
Other: WRP					
TOTAL		0			
ROOT FOAMING	FOOTAGE	CHEMICAL USED	CHEMICAL COST	COMMENTS:	
Outside Laguna Woods Village					
Laguna Woods Village					
New World					
Other					
TOTAL	0				
ROOT CUTTING		FOOTAGE	COMMENTS:		
Outside Laguna Woods Village					
Laguna Woods Village					
New World					
TOTAL		0			
HYDRO-CLEANING		FOOTAGE	COMMENTS:		
Outside Laguna Woods Village		16,027			
Laguna Woods Village					
New World					
Private System					
Hot Spots		26,316			
ETWD TOTALS:		42,343			
SANTA MARGARITA TOTALS:					
COMBINED TOTALS:		42,343			
TV INSPECTIONS		FOOTAGE	COMMENTS:		
Outside Laguna Woods Village					
Laguna Woods Village		1,875			
New World					
Private System					
Other					
TOTAL		1,875			
Wet Wells		Number	3	Mathis-Westline-Delta	
Flow Meter/Sampling		Number			
WATER TANK FILLS 40		40,000			



## Memorandum

**DATE:** June 12, 2019  
**TO:** Member Agencies – MWD OC Division Five  
**FROM:** Sat Tamaribuchi, Director – Division Five  
**SUBJECT:** Monthly Water Usage Data, Tier 2 Projection & Water Supply Information

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The attached figures show the recent trend of water consumption in Orange County (OC), an estimate of Imported Water Sales for MWD OC, and selected water supply information.

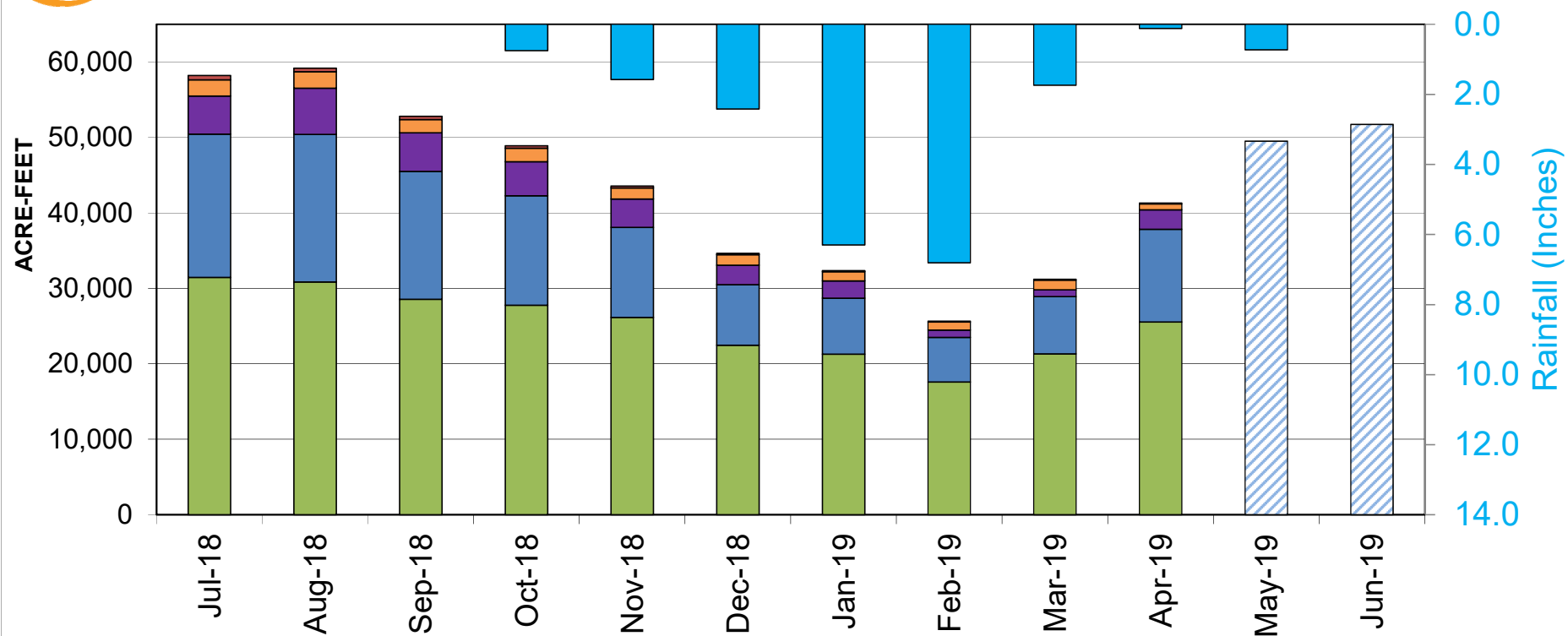
- OC Water Usage, Monthly by Supply **OCWD Groundwater was the main supply in April.**
- OC Water Usage, Monthly, Comparison to Previous Years Water usage in **April 2019 was below average compared to the last 5 years.** We are continuing to see slight decreases in overall water usage compared to FY 2017-18. It has been 26 months since all mandatory water restrictions were lifted by the California State Water Resources Control Board.
- Historical OC Water Consumption Orange County M & I water consumption is projected to be **529,000 AF in FY 2018-19** (this includes ~15 TAF of agricultural usage and non-retail water agency usage). This is about **11,000 AF less than FY 2017-18** and is about **10,000 AF more than FY 2016-17**. Water usage per person is projected to be slightly higher in **FY 2018-19 for Orange County at 146 gallons per day** (This includes recycled water). Although OC population has increased 20% over the past two decades, water usage has not increased, on average. A long-term decrease in per-capita water usage is attributed mostly to Water Use Efficiency (water conservation) efforts. **O.C. Water Usage for the last three Fiscal Years is the lowest since the 1982-83 Fiscal Year** (FY 1982-83 was the third wettest year on record).

Water Supply Information Includes data on Rainfall in OC; the OCWD Basin overdraft; Northern California and Colorado River Basin hydrologic data; the State Water Project (SWP) Allocation, and regional storage volumes. The data have implications for the magnitude of supplies from the three watersheds that are the principal sources of water for OC. Note that a hydrologic year is Oct. 1<sup>st</sup> through Sept. 30<sup>th</sup>.

- Orange County's accumulated rainfall through **early June** was above average for this period. Water year to date rainfall in Orange County is **20.45 inches**, which is **162% of normal**.
- Northern California accumulated precipitation through **early June** was **142% of normal for this period**. Water Year 2018 was 82% of normal while water year 2017 was 187% of normal. The **Northern California snowpack** was **172% of normal** as of April 1<sup>st</sup>. **As of late May, 0.00%** of California is experiencing **moderate drought conditions** while 5.97% of the state is experiencing abnormally dry conditions. The State Water Project Contractors Table A Allocation was increased to 70% in March 2019.
- Colorado River Basin accumulated precipitation through **late April was 125% of normal** for this period. The **Upper Colorado Basin snowpack was 128% of normal** as of April 15<sup>th</sup>. **Lake Mead and Lake Powell** combined have about **59% of their average storage volume** for this time of year and are at **41.8% of their total capacity**. If Lake Mead's **level falls below a "trigger" limit 1,075 ft. at the end of a calendar year**, then a shortage will be declared by the US Bureau of Reclamation (USBR), impacting Colorado River water deliveries to the Lower Basin states. As of late March, Lake Mead levels were **16.26' above the "trigger" limit**. The USBR predicts that the start of 2019 will not hit the "trigger" level but there is **a 69% chance that the trigger level will be hit in 2020 and a 82% chance in 2021** (**As of April 1<sup>st</sup> 2019, Reclamation has not updated their projections following the recent storm activity**).



**Fig. 1 OC Water Usage, Monthly by Supply with projection to end of fiscal year**

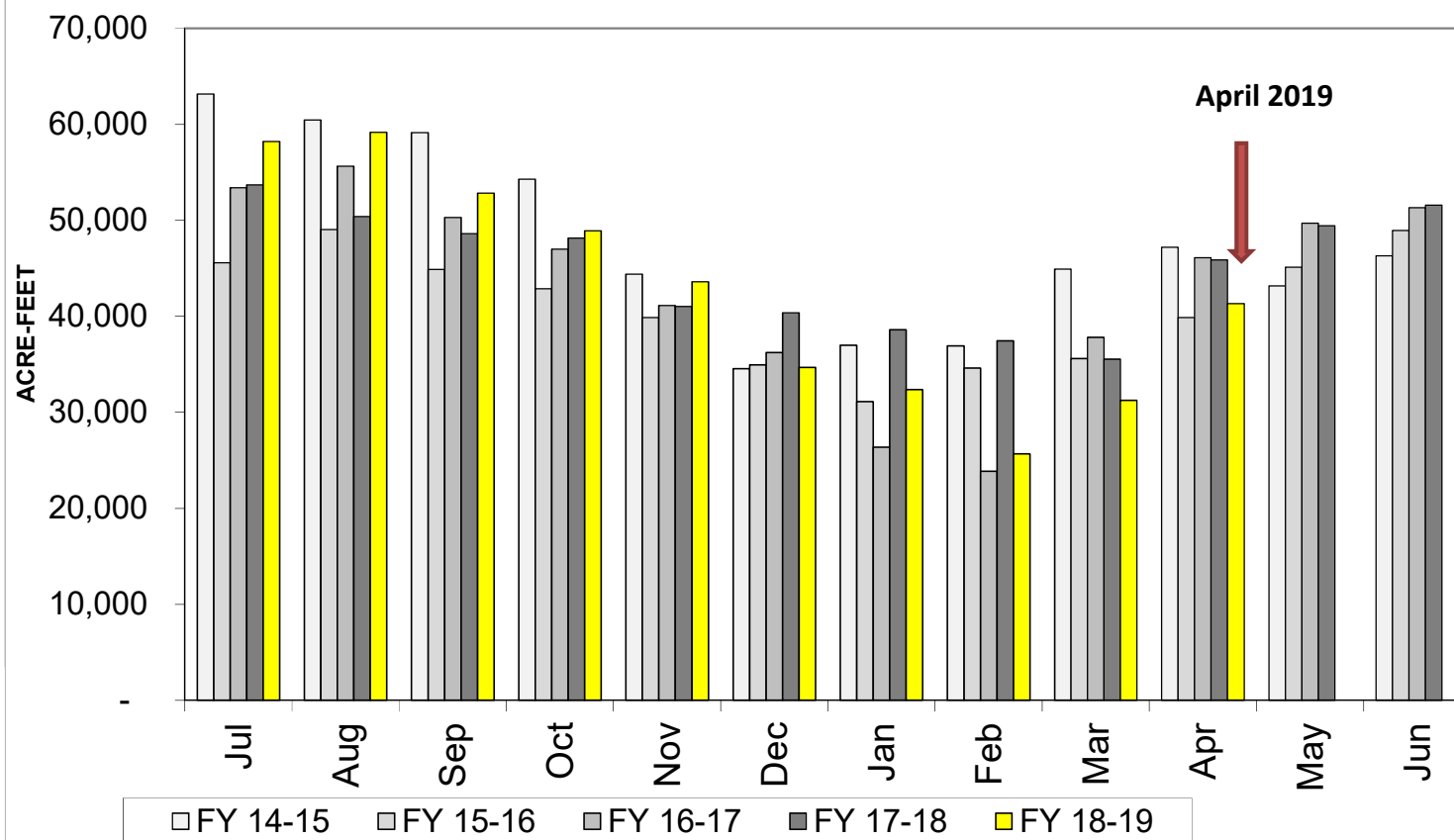


- [1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water, "Barrier Replenishment" deliveries, and deliveries into Irvine Lake.
- [2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '17-18 is 75%.
- [3] MWDOC's estimate of monthly demand is based on the projected FY 15-16 "Retail" water demand and historical monthly demand patterns.
- [4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.

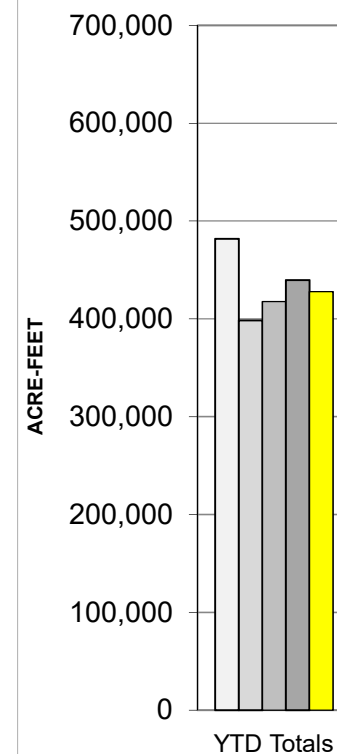




**Fig. 2 OC Monthly Water Usage [1]: Comparison to Last 4 Fiscal Years**

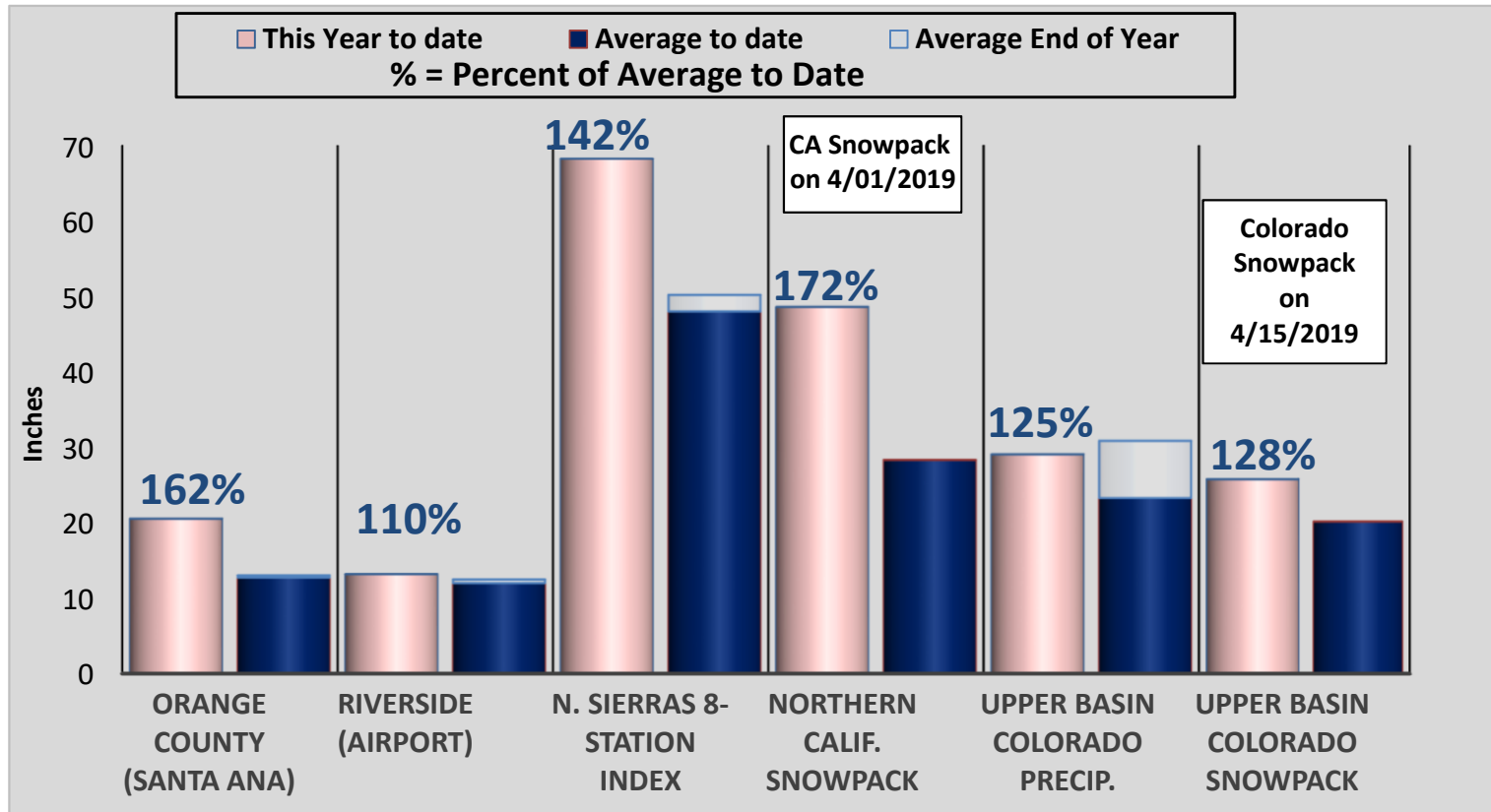


**Partial Year Subtotals**



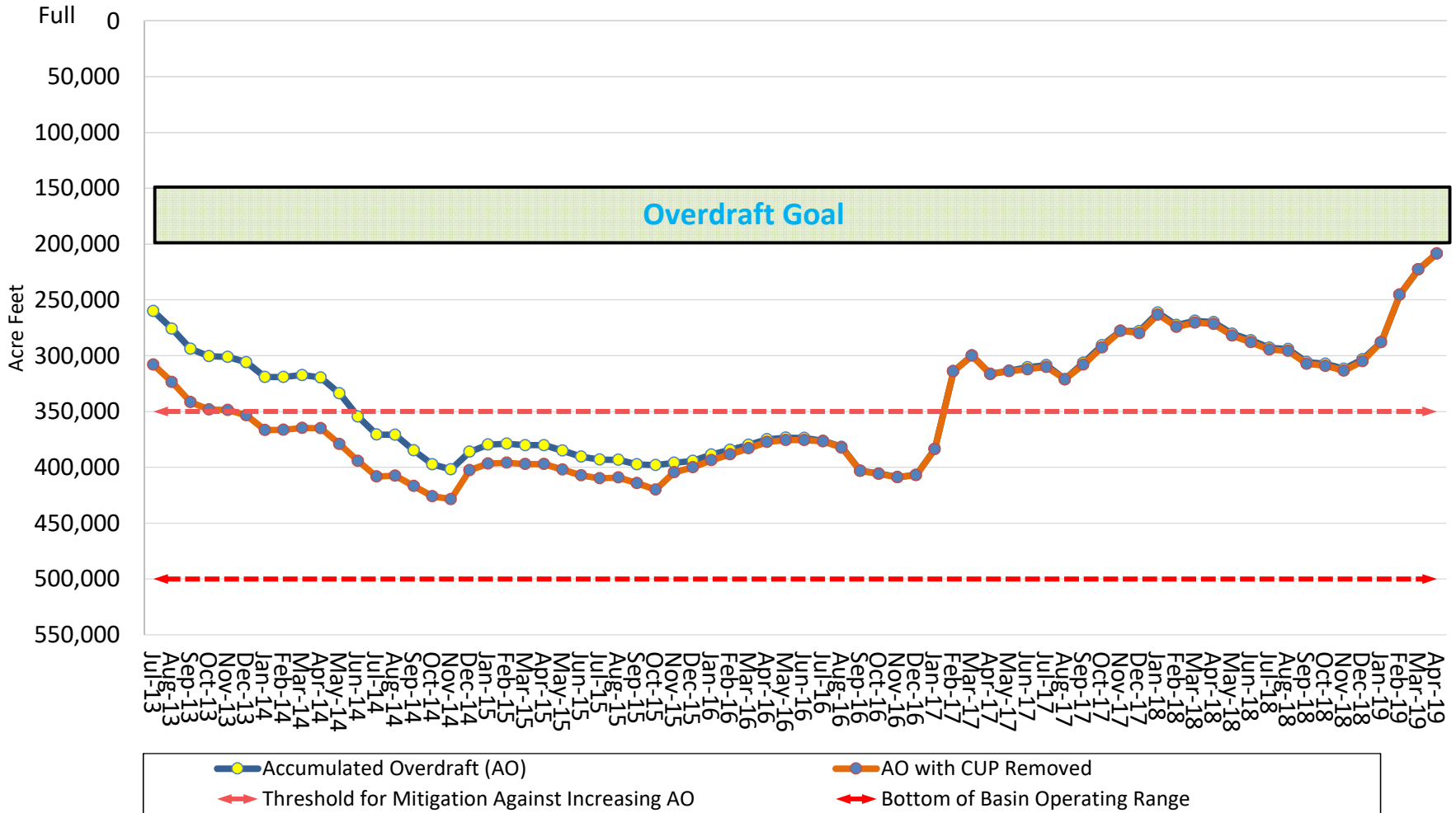
[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment" and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water and excludes GWRS production) Recent months numbers include some estimation.

## Accumulated Precipitation for the Oct.-Sep. water year, through early June 2019



\* The date of maximum snowpack accumulation (April 1st in Northern Calif. , April 15th in the Upper Colorado Basin) is used for year to year comparison.

## Accumulated Overdraft of the OCWD Groundwater Basin as of April 2019

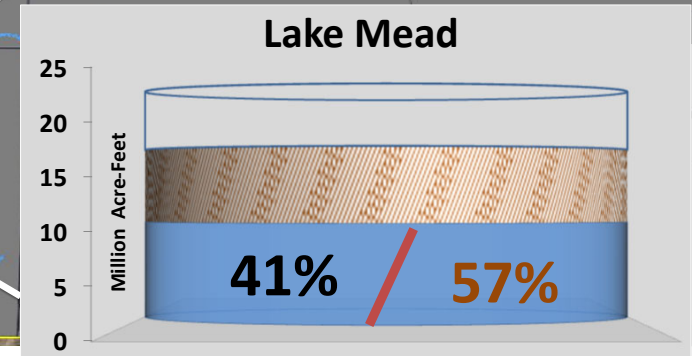
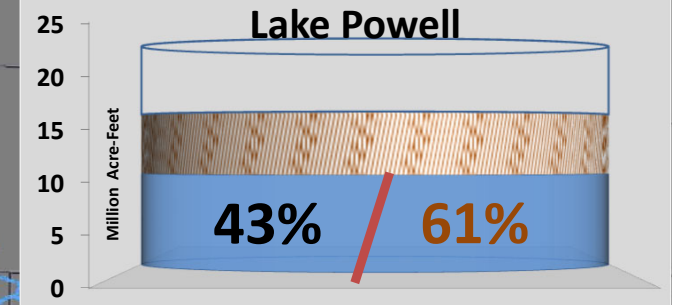
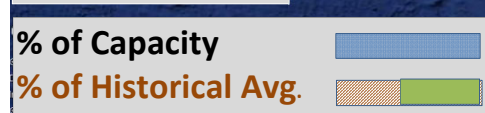
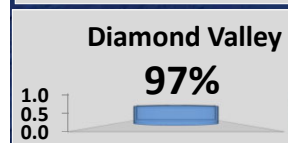
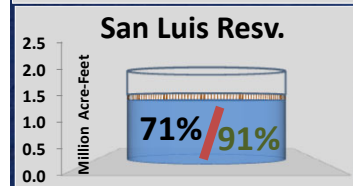
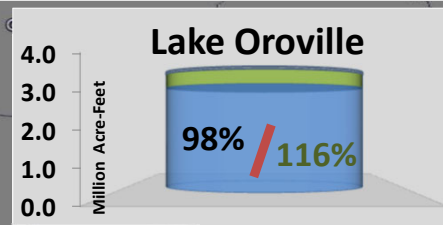
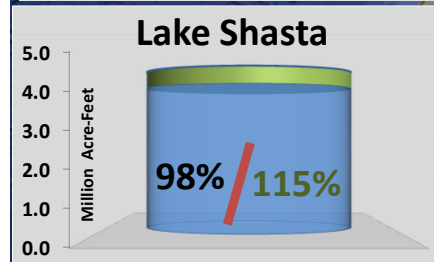


	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
AO (AF)	308,488	321,131	306,280	290,800	277,691	278,056	261,521	272,475	268,752	269,889	280,329	286,163
AO w/CUP removed (AF)	310,216	321,131	308,007	292,522	277,691	279,776	263,237	274,188	270,463	271,601	282,041	287,869
	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19
AO (AF)	292,869	294,090	305,572	307,374	311,765	303,249	287,800	245,452	222,625	208,424		
AO w/CUP removed (AF)	294,572	295,790	307,271	309,072	313,460	304,943	287,800	245,452	222,625	208,424		



# State Water Project, Colorado River, and MWD Reservoir Storage

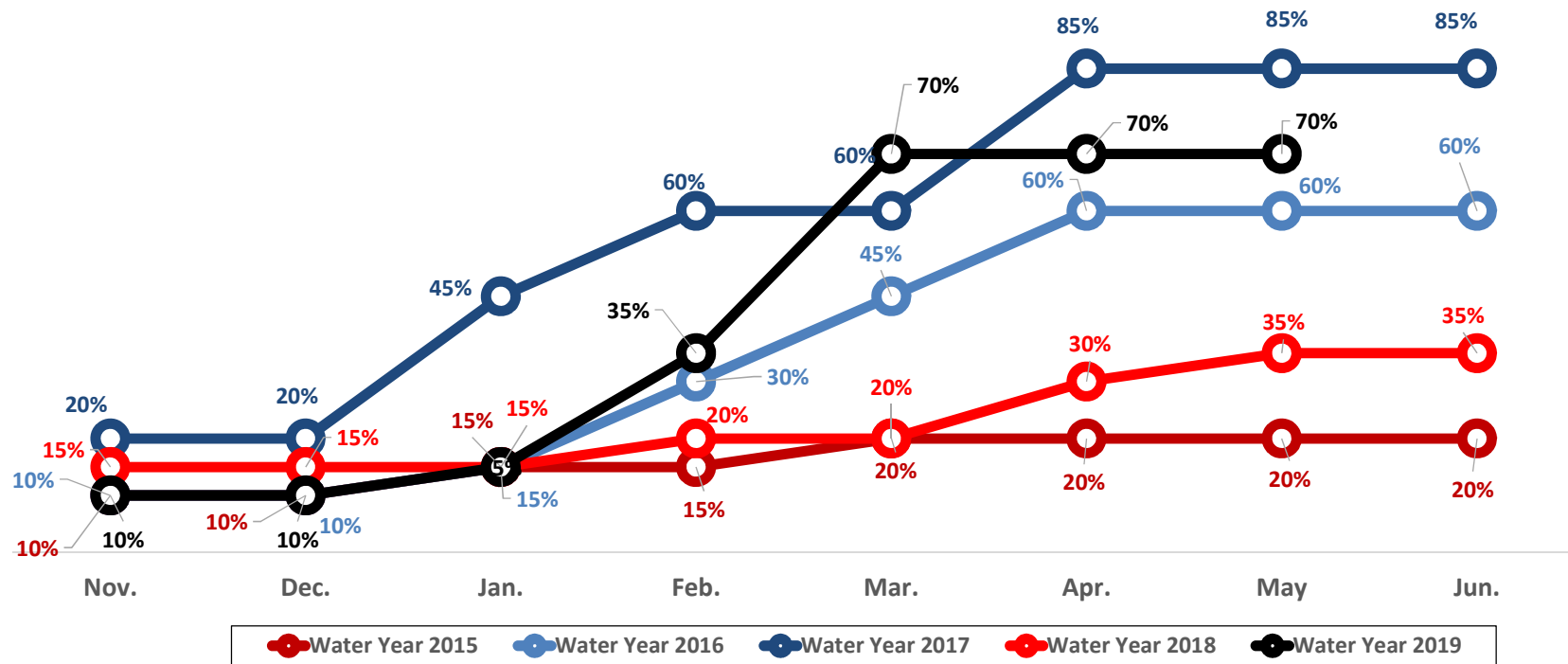
as of June 3, 2019



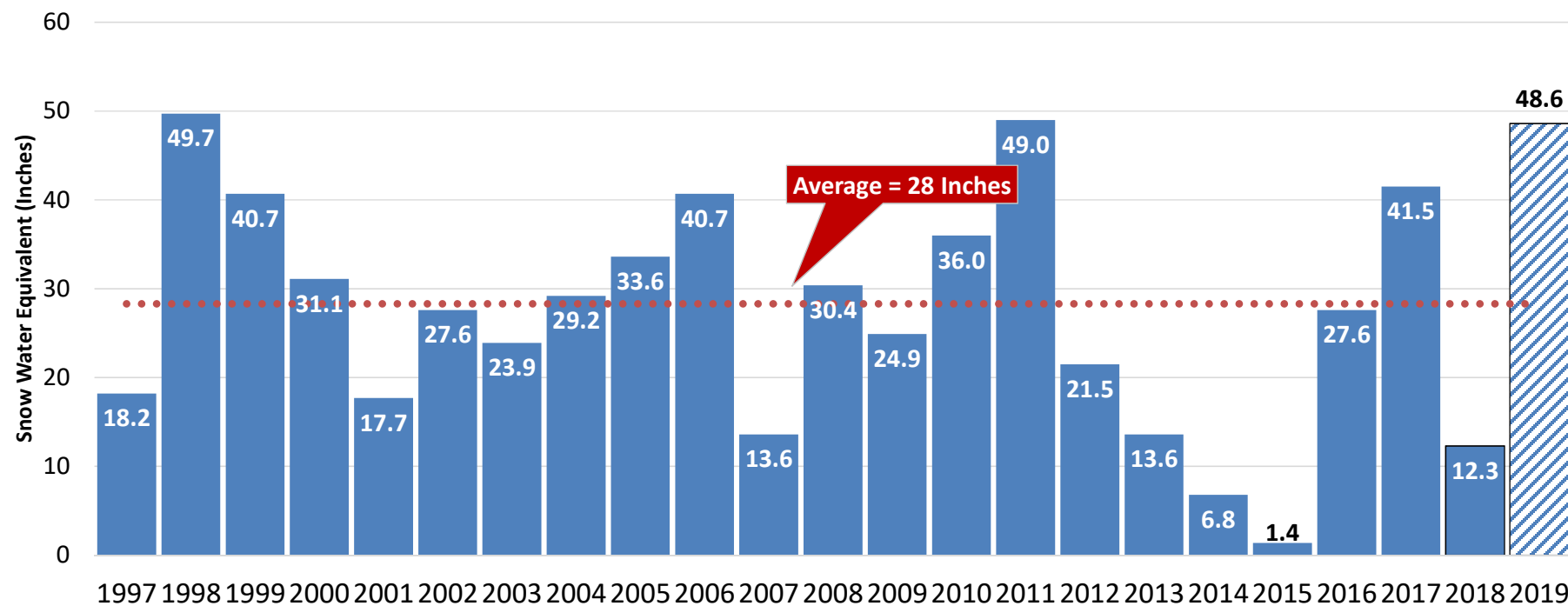


## SWP TABLE A ALLOCATION

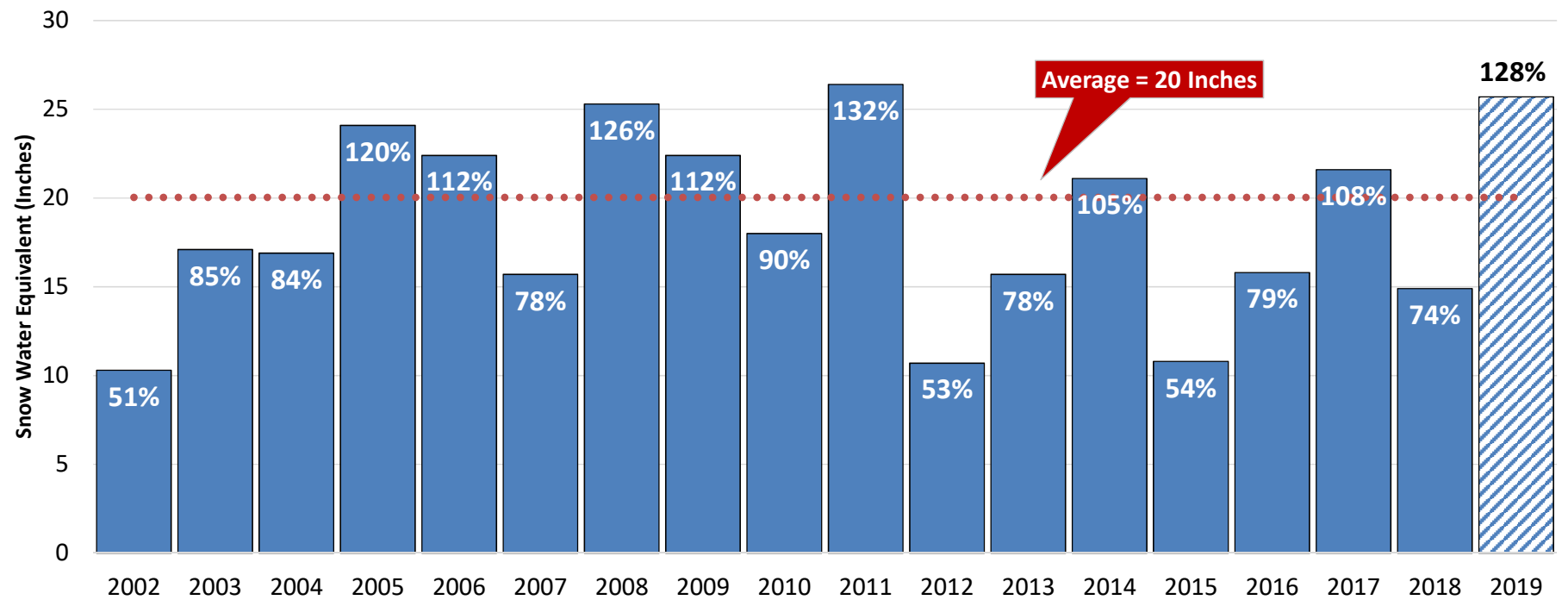
FOR STATE WATER PROJECT CONTRACTORS



Historical Northern California April 1st Peak Snow Water Equivalent

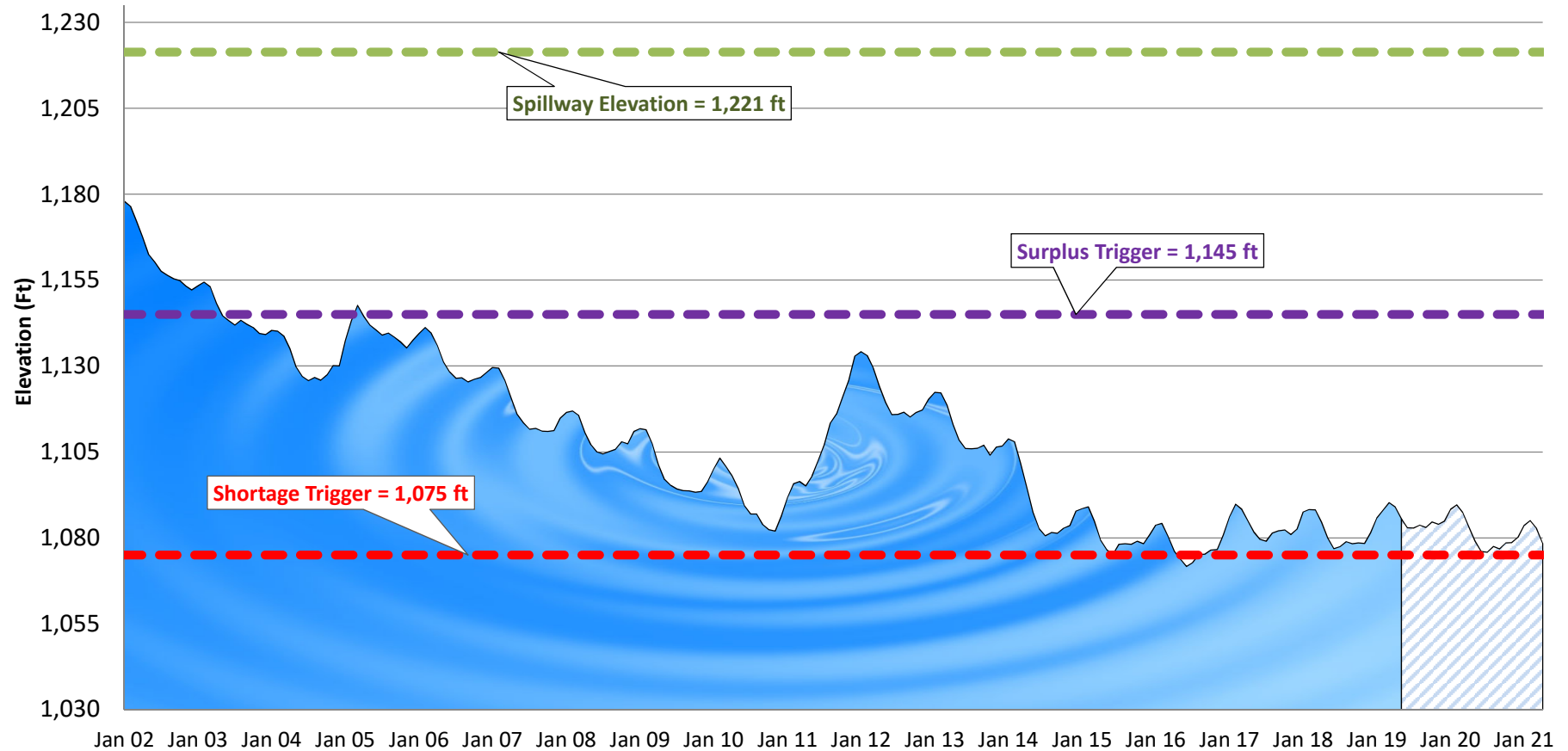


Historical Colorado Basin April 15th Peak Snow Water Equivalent



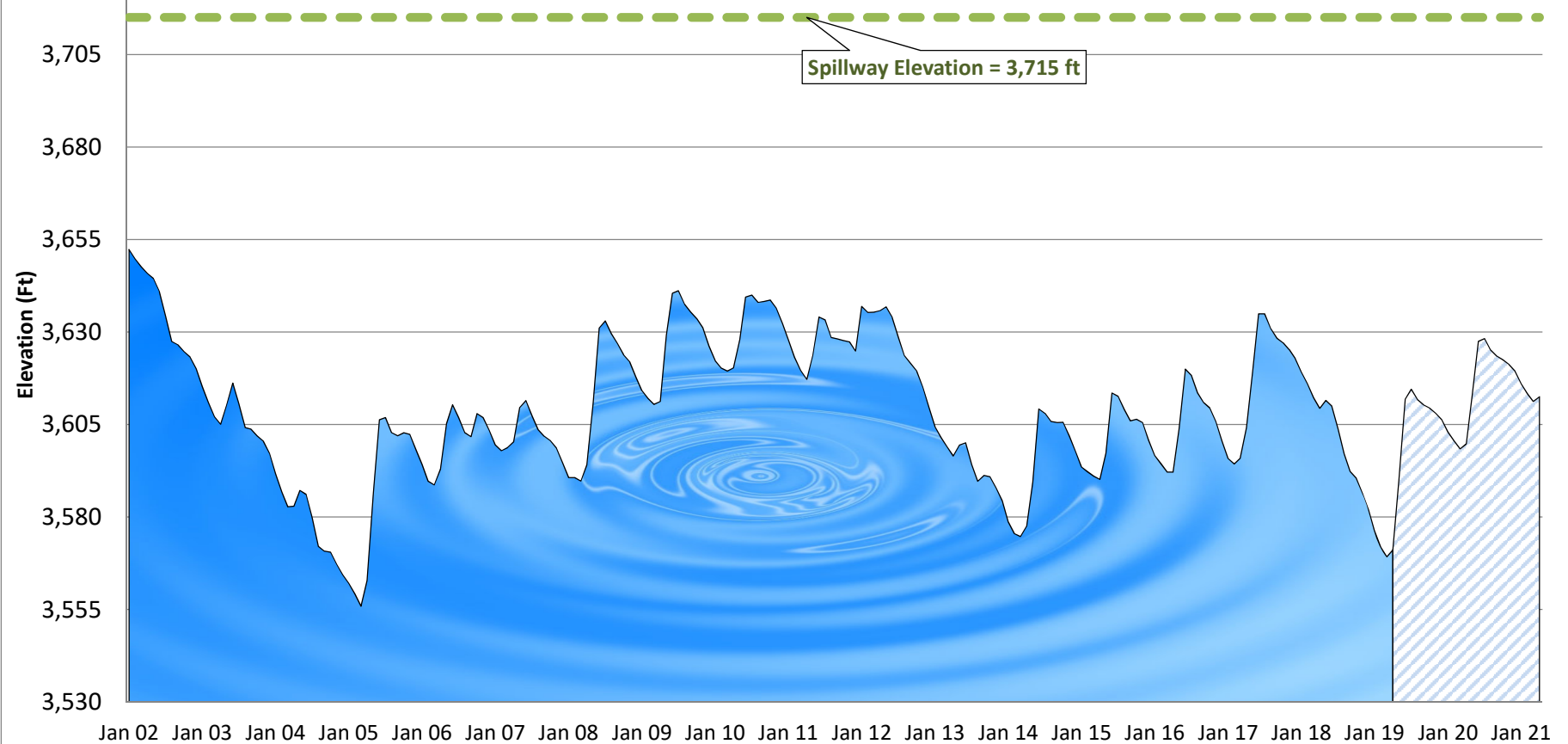
## Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical    □ Projected



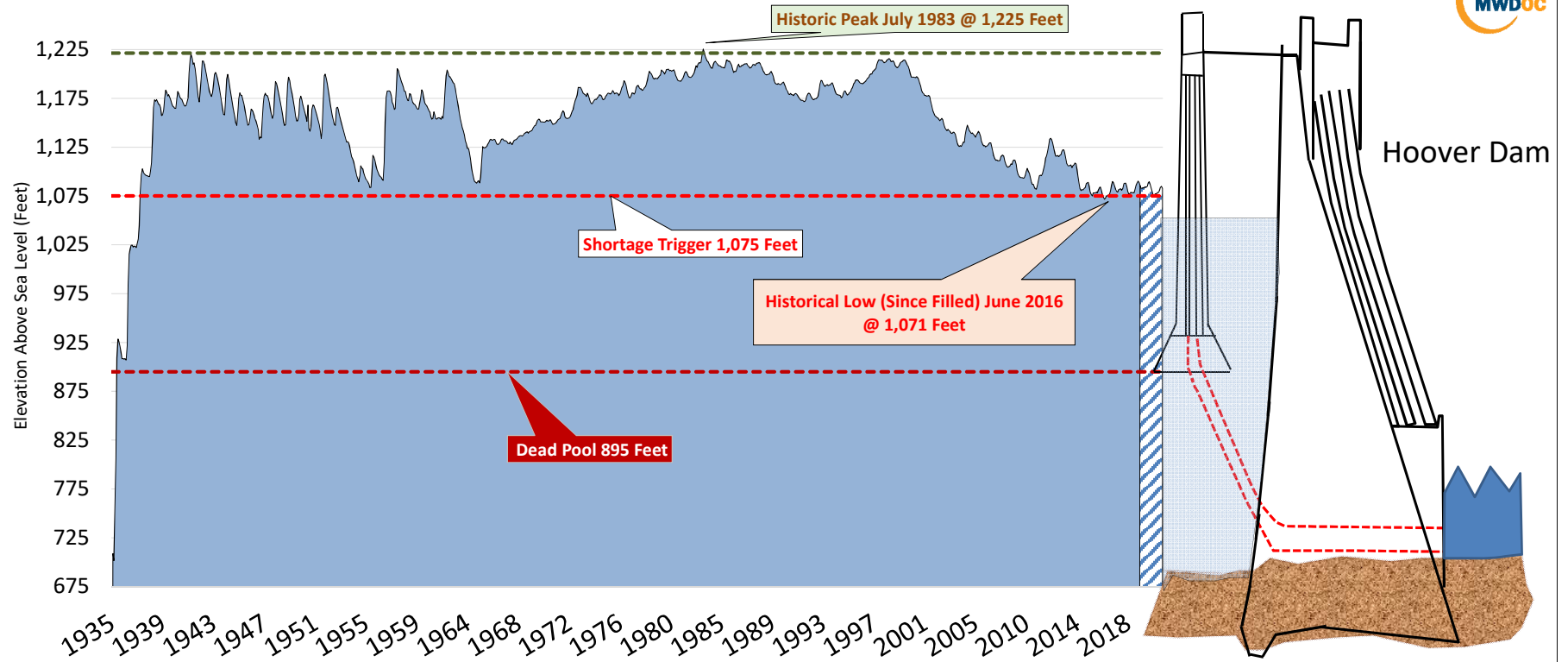
## Lake Powell Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical    □ Projected





## Lake Mead Historical Water Elevation Level



# WILL SERVE REQUEST STATUS REPORT

(May 2019)

All projects subject to previously issued Will Serve Letters are either Complete or the Will Serve Letter has Expired  
(Will Serve Letters Expire One Year from Date of Issuance)

Date Requested	Applicant	Project Description	Type	Location	Status	Date Issued
7/17/18	City of Laguna Woods	A Place for Paws Dog Park	ND	23301 Ridge Route Dr.	Issued	7/25/18
7/17/18	MPVCA Laguna LLC	24022 Calle de la Plata Fire Service	ND	24022 Calle de la Plata Dr.	Issued	8/1/18
11/30/18	Camino Oaks LLC	24191 Paseo de Valencia Fire Service	ND	24191 Paseo de Valencia	Issued	11/30/18

ND = New Development

TI = Tenant Improvement

# EL TORO WATER DISTRICT UNAUTHORIZED DISCHARGE SUMMARY YEAR OF 2019

DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	PREVIOUS MAINTENANCE		POST-INCIDENT PREVENTIVE MEASURES	RWQCB	DISCHARGED TO	SPILL VOLUME (PUBLIC) Gallons		SPILL VOLUME (PRIVATE) Gallons		REGULATORY NOTIFICATION AND RESPONSE
						CLEANING	TV				CONTAINED	SPILLED	CONTAINED	SPILLED	
January 23, 2019	PUBLIC	Sewer	RES. 23566 Los Adornos Aliso Viejo	Root Intrusion	Ran root cutter in Public Lateral and cut the blockage out.			Tv'd the line and saw it was cleared	9	Grass Yard	3	5			Notified OCEH, RWQCB 9, and City of Aliso Viejo
February 2, 2019	Private	Sewer	Res. 23902 Bough Ave. Mission Viejo	Toliet Paper Blockage	Collections ran a snake in line breaking the blockage. Noticed there was a belly in line, a dip in line where material can collect causing blockages.			Tv'd the line and saw it was cleared that is when the dip in line was discovered	9	Grass Yard			1	1	Notified OCEH, RWQCB 9, and City of Mission Viejo
March			No		Spills			To							Report
April			No		Spills			To							Report
May 1, 2019	PUBLIC	SEWER	643 Avenida Sevilla	Root Intrusion	First ran jetter to try to unclog then ran the root cutter and broke the clog.			Collections crew went out to tv line in morning.	9	Sidewalk and Grass area	0	150			Notified OCEH, RWQCB 9 and Laguna Woods
LEGEND											3	155	1	1	
S.DC = San Diego Creek		RES. = Residential			R.S. = Rocks										
S.D. = Storm Drain		C. = Commercial			C.W.D. = Calcium Water Deposits										
A.C. = Aliso Creek		S.B. = Siphon			B.P. = Broken Pipe										
G.B. = Grease Blockage		P.F. = Power Failure			U.W. = Untreated Water										

## Bob Hill

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**From:** SWRCB Office Research, Planning & Performance <drinc@waterboards.ca.gov>  
**Sent:** Wednesday, June 12, 2019 10:05 AM  
**To:** Bob Hill  
**Subject:** Monitoring Report Acknowledgement for May 2019

Hello Robert Hill

Thank you for your Monitoring Report. Below is the information you have submitted for the month of May 2019. If this information is incorrect, you can edit the report or re-submit your report for the month with the corrected information. We use your most recently submitted monthly report in our calculations.

Reporter	Robert Hill
Urban Water Supplier(Number)	El Toro Water District (562)
Reporting Month	0519
Stage/Mandatory	None
Days Outside Irrigation	
Total Potable Water Production	474.40 AF
2013 Same Month Production	874.56 AF
CII Water	56.2 AF
Commercial Agricultural Water	0 AF
Commercial Agricultural Water 2013	AF
Recycled Water	98 AF
Non-revenue Water	AF
Residential Use Percentage	67.74 %
Population	48628
Estimated R-GPCD	69
Number Complaints	0
Number Follow-ups	0

Number Warnings	0
Rate Penalties	0
Other Penalties	0
Enforcement Actions	
Actions Taken	
Implementation Comments	
Qualification	

To edit your report click [HERE](#) (After logging in, select the report to edit, click on “Edit”, make your corrections, and click on “Update” when finished)

State Water Resources Control Board Office of Research, Planning & Performance



El Toro Water District  
SWRCB Emergency Drought Regulations  
Monthly Urban Water Supplier Reporting/ Tracking

Month	Total Purchases 2013 (AF)	ET 2013	Total Purchases 2015-2019 (AF)	ET 2015-2019	Delta (AF)	Delta %	Residential % of Total 2015-2019	Residential Usage 2015-2019 (AF)	GPCD 2015-2019	RW 2013 (AF)	RW 2015-2019 (AF)
Jun-15	996.66	6.00	773.57	5.73	-223.09	-22%	61.75%	477.68	107	62.62	55.65
Jul-15	1,016.80	5.80	723.00	5.95	-293.8	-29%	60.26%	435.68	94	56.51	87.87
Aug-15	1,042.70	6.55	790.17	6.24	-252.53	-24%	61.06%	482.48	104	49.34	124.29
Sep-15	963.00	5.26	663.40	4.96	-299.6	-31%	63.32%	420.06	94	46.06	101.44
Oct-15	811.60	3.92	613.70	3.86	-197.9	-24%	61.46%	377.18	82	25.45	90.39
Nov-15	684.20	2.51	528.90	3.26	-155.3	-23%	64.97%	343.63	77	16.87	58.30
Dec-15	593.20	2.49	430.70	2.36	-162.5	-27%	67.92%	292.53	63	15.55	32.44
Jan-16	543.15	2.53	417.00	1.89	-126.15	-23%	75.41%	314.46	68	13.00	23.43
Feb-16	502.41	2.89	455.20	3.83	-47.21	-9%	74.80%	340.50	79	18.35	55.08
Mar-16	736.34	4.06	474.45	3.99	-261.89	-36%	70.86%	336.20	73	35.55	52.33
Apr-16	825.00	4.82	526.00	5.15	-299	-36%	71.43%	375.72	84	53.97	105.24
May-16	874.56	5.97	621.70	4.65	-252.86	-29%	67.21%	417.84	90	62.80	133.64
Jun-16	996.66	6.00	731.50	5.81	-265.16	-27%	66.57%	486.96	109	62.62	172.45
Jul-16	1,016.80	5.80	770.10	6.78	-246.7	-24%	67.21%	517.56	112	56.51	195.68
Aug-16	1,042.70	6.55	753.50	5.96	-289.2	-28%	64.76%	488.00	105	49.34	198.34
Sep-16	963.00	5.26	672.80	4.50	-290.2	-30%	65.56%	441.09	99	46.06	160.69
Oct-16	811.60	3.92	600.30	3.23	-211.3	-26%	65.59%	393.77	85	25.45	110.38
Nov-16	684.20	2.51	524.60	2.76	-159.6	-23%	69.16%	362.81	81	16.87	80.81
Dec-16	593.20	2.49	429.60	1.91	-163.6	-28%	71.19%	305.82	66	15.55	49.90
Jan-17	543.15	2.53	357.22	1.99	-185.93	-34%	78.25%	279.51	60	13.00	27.75
Feb-17	502.41	2.89	341.84	1.77	-160.57	-32%	79.10%	270.39	65	18.35	21.00
Mar-17	736.34	4.06	544.19	4.27	-192.15	-26%	77.34%	420.88	91	35.55	88.91
Apr-17	825.00	4.82	634.95	5.17	-190.05	-23%	69.72%	442.66	99	53.97	146.88
May-17	874.56	5.97	669.86	4.70	-204.7	-23%	67.16%	449.91	97	62.80	170.35
Jun-17	996.66	6.00	734.87	5.25	-261.79	-26%	67.01%	492.44	110	62.62	168.67
Jul-17	1,016.80	5.80	849.65	6.34	-167.15	-16%	65.31%	554.91	120	56.51	206.55
Aug-17	1,042.70	6.55	829.15	6.13	-213.55	-20%	64.21%	532.43	115	49.34	201.74
Sep-17	963.00	5.26	684.25	4.80	-278.75	-29%	64.06%	438.35	98	46.06	157.58
Oct-17	811.60	3.92	731.30	3.57	(80.30)	-10%	66.20%	484.11	105	25.45	144.70
Nov-17	684.20	2.51	548.66	2.36	-135.54	-20%	66.12%	362.75	81	16.87	79.64
Dec-17	593.20	2.49	646.24	3.26	53.04	9%	69.45%	448.82	97	15.55	105.69
Jan-18	543.15	2.53	481.56	2.38	-61.59	-11%	71.74%	345.48	75	13.00	59.07
Feb-18	502.41	2.89	529.34	3.12	26.93	5%	71.59%	378.95	91	18.35	92.01
Mar-18	736.34	4.06	526.15	3.72	(210.19)	-29%	71.90%	378.33	82	35.55	43.98
Apr-18	825.00	4.82	638.39	4.82	(186.61)	-23%	72.66%	463.88	104	53.97	140.30
May-18	874.56	5.97	630.76	3.80	(243.80)	-28%	66.48%	419.30	91	62.80	129.23
Jun-18	996.66	6.00	778.62	6.29	(218.04)	-22%	66.04%	514.17	115	62.62	180.46
Jul-18	1,016.80	5.80	847.99	7.42	(168.81)	-17%	66.13%	560.76	121	56.51	215.87
Aug-17	1,042.70	6.55	834.68	6.85	(208.02)	-20%	63.16%	527.21	114	49.34	233.30
Sep-18	963.00	5.26	724.38	5.21	(238.62)	-25%	63.93%	463.07	103	46.06	171.40
Oct-18	811.60	3.92	670.25	4.04	(141.35)	-17%	62.97%	422.09	91	25.45	105.58
Nov-18	684.20	2.51	528.64	3.17	(155.56)	-23%	65.60%	346.77	77	16.87	86.52
Dec-18	593.20	2.49	442.99	2.07	(150.21)	-25%	71.88%	318.40	69	15.55	21.47
Jan-19	543.15	2.53	419.69	2.30	(123.46)	-23%	76.65%	321.71	70	13.00	23.64
Feb-19	502.41	2.89	311.92	2.29	(190.49)	-38%	80.12%	249.92	60	18.35	10.09
Mar-19	736.34	4.06	421.49	4.09	(314.85)	-43%	80.39%	338.83	73	35.55	41.03
Apr-19	825.00	4.82	627.71	4.93	(197.29)	-24%	72.50%	455.10	102	53.97	130.77
May-19	874.56	5.97	474.40	4.84	(400.16)	-46%	67.74%	321.36	69	62.80	98.00
Total	38,358.48	211.20	28,961.33	203.77	-9397.15	-24%	68.67%	19,612.47	90	1,824.28	5,190.52

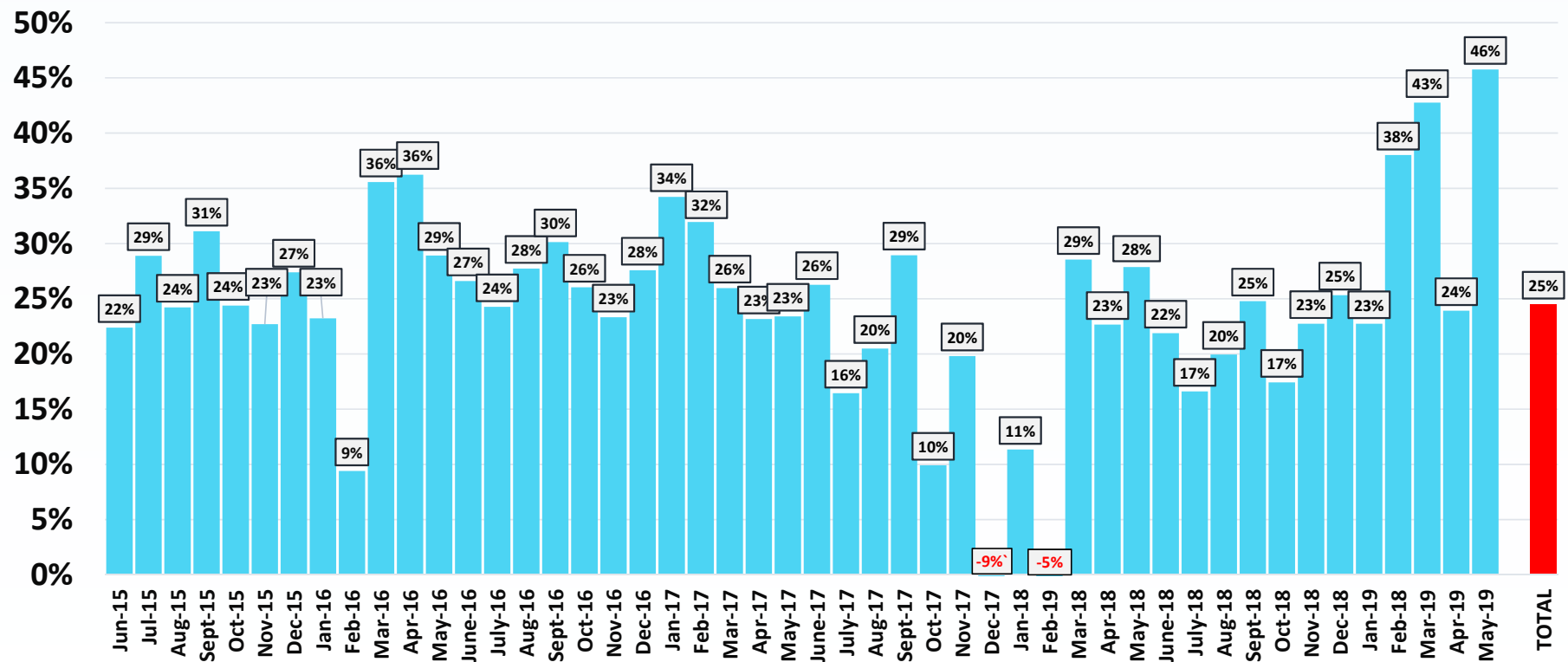
## (WRP) Tertiary Treatment Plant

May-19

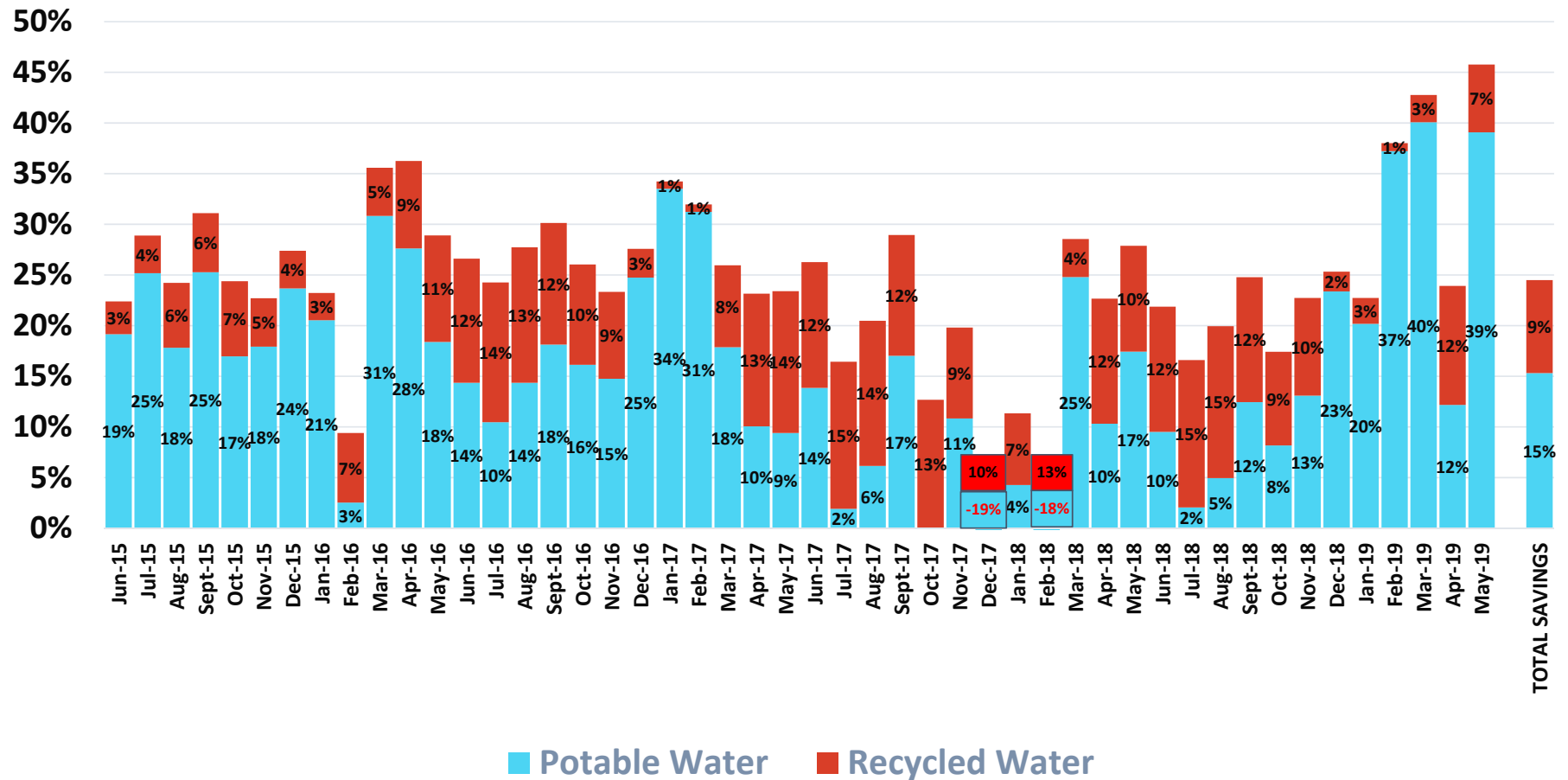
### Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q MGD	0.264	0.614	0.152	1.030
Total Q MG	8.184	19.049	4.701	31.934
Total Acre Feet	25.116	58.459	14.427	98.002
* No Potable Water Was Used to Supplement the Recycled Water Total Production This Month.				

# ETWD WATER SAVINGS COMPARED TO 2013



# ETWD WATER SAVINGS COMPARED TO 2013



**JAMES C. BARKER, PC**  
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Nicholas Crockett  
Allison Leavitt

*Municipal Water District of Orange County, California*  
*Washington Update*  
*June 11, 2019*

***Appropriations:***

As this Report is being written, the House is in the process of passing the Energy and Water Bill through the House Floor.

Bottom line: There is a 4% increase over last year's passed levels. Key provisions of the bill include:

***Army Corps of Engineers*** – The bill provides a total of \$7.36 billion, an increase of \$357 million above the fiscal year 2019 level and \$2.53 billion above the budget request.

- Funding for Investigations is \$135 million, an increase of \$10 million above the fiscal year 2019 level and \$58 million above the request.
- Funding for Construction is \$2.34 billion, an increase of \$154 million above the fiscal year 2019 level and \$1.17 billion above the request.
- Funding for Operation and Maintenance is \$3.92 billion, an increase of \$183.5 million above the fiscal year 2019 level and \$1.99 billion above the request.
- Harbor Maintenance Trust Fund projects receive \$1.697 billion, \$147 million above the fiscal year 2019 level, an increase of \$732 million above the request and \$100 million above target set by the Water Resources Reform and Development Act of 2014.
- The bill makes full use of the estimated receipts for the Inland Waterways Trust Fund.
- The bill provides for six new study starts and six new construction projects.



***Department of the Interior/Bureau of Reclamation*** – The bill provides a total of \$1.65 billion for the Department, an increase of \$82.8 million above the fiscal year 2019 level and \$528 million above the President’s budget request.

- The bill provides \$1.63 billion for the Bureau of Reclamation, an increase of \$82.8 million above the fiscal year 2019 level and \$523 million above the request. Within Reclamation:
  - The bill provides \$400 million in additional funding for water resources projects, including those authorized in the Water Infrastructure Improvements for the Nation (WIIN) Act.
  - Within additional funding, \$121 million is provided for rural water projects above the budget request.

#### ***The Senate Activity on Appropriations Bills:***

The Senate has yet to mark up any of its appropriations bills for the current fiscal year. It has been meeting with the White House on a weekly basis to come to a longer term agreement on spending for the next two years. The Chairman of the Senate Appropriations Committee has purposely asked his subcommittee Chairmen to not mark up any of their individuals bills until Senate Leadership can provide them with top line spending numbers that the President can support. Senator Shelby, the Chairman of the Senate Appropriations Committee, wants to avoid another shut down later this year—like the one we saw this past winter when the President and the Congress could not strike an agreement on key funding numbers. We expect an funding agreement to be reached very shortly.

#### ***Key Water Bills Being Circulated:***

The Gardner (R-Co) / Feinstein (D-Ca) Senate Bill: This legislation will reauthorize the 2016 WIIN Act provisions, including the wildly popular competitive grant program for Desal Projects and it will provide a \$670 Million Authorization for the construction of surface and groundwater recycling projects. President Barbre signed a letter advancing the proposition that the \$670 Million should be divided between surface water projects and recycling projects. Senator Feinstein’s office was very appreciative of the letter. It should be noted that the successful WIFIA Loan Program is also reauthorized in this legislation, a program that MWDOC has championed and improved over the course of the last decade.

Here is a more detailed summary of the Gardner / Feinstein Bill:

**Summary of Discussion Draft “Drought Resiliency and Water Supply Infrastructure Act”**

- Expands and updates Bureau of Reclamation funding authorizations in the Water Infrastructure Improvements for the Nation (WIIN) Act (Public Law 114-322).
- Authorizes the following funding (all at the fiscal year 2019 level extended over 5 years):
  - \$670 million for surface and groundwater storage projects, and supporting conveyance
  - \$100 million for water recycling projects
  - \$60 million for desalination projects
- **Creates a new loan program at 30-year Treasury rates (currently about 2.6%) for water supply projects** known as the Reclamation Infrastructure Finance and Innovation Act (RIFIA):
  - The \$150 million authorized funding level would make available \$8 to \$12 billion in lending authority for the low-interest loans
  - The loans would use existing criteria under the successful WIFIA program (the Water Infrastructure Finance and Innovation Act)
  - The Bureau of Reclamation would recommend which projects should receive funding and EPA would administer the loans, per an agreement they are required to complete by October 2019 under existing law
- **Authorizes \$140 million for restoration and environmental compliance projects**, including forest, meadow and watershed restoration projects with water benefits and projects to help restore threatened and endangered species affected by Bureau of Reclamation water projects.
- **Provides a fiscally realistic way for Reclamation to assist with drought resiliency projects.**
  - Given federal budgets, the federal government can no longer pay up front the full cost of western water projects under the traditional Bureau of Reclamation model.
  - At much lower federal cost, the bill facilitates water supply projects by combining
    - grants for up to 50% of the cost of federally-owned projects and up to 25% of the cost of state and local-led projects, with



- loans at the 30-year Treasury rate (currently about 2.6%) to help water districts afford their cost-share for state, local, and tribal projects. Repayment can be deferred until 5 years after substantial completion of the project, and the loans' duration is 35 years.
- Because Congressional authorization for each individual project typically adds many years to the already lengthy process for project approval, allows Congress to approve funding for each project more expeditiously through the existing appropriations process.
- The bill also includes two offsets:
  - It extends the existing WIIN Act provisions allowing water districts to prepay their outstanding capital debts and convert to indefinite length water supply contracts.
  - It sets up a process to deauthorize inactive water recycling project authorizations.

The Harder (D-Ca), a House Bill, would provide significant funding for water recycling projects--\$500 Million over five years with a \$30 Million cap for any one project.

### ***Earmarks:***

Senate Republicans voted quietly to ban earmarks with a formal rule. This rule will likely not be reconsidered until the next new Congress comes into session in January 2021. The House Democrats announced earlier this spring that there would not be any earmarks in the appropriations bills to be considered this year—but left open the option to have them next year. Now with the Senate action, there will not be earmarks during 2019 or 2020.

### ***The Doheny Beach Desal Project:***

The House Energy and Water Appropriations Bill contains the listing of the Doheny Beach Desal Project pursuant to the WIIN Act requirements. Here is the language contained in the bill:

*“Provided further, That in accordance with section 4009(a) of Public Law 114- 322 and as recommended by the Secretary in a letter dated February 13, 2019, funding provided for such purpose in fiscal years 2017 and 2018 shall be made available to the Doheny Ocean Desalination Project, the Kay Bailey Hutchison Desalination Plant, the North Pleasant Valley Desalter Facility and the Mission Basin Groundwater Purification Facility Well Expansion and Brine Minimization.”*

During the last month we visited with Senator Feinstein's office and Congressman Levin's office discussing the need to have a “back-up” strategy if Congress is unable to pass their appropriations bills in regular order this year.

Under the WIIN Act, the law requires that the intended recipients of the Desal Competitive Grants be listed in the Energy and Water Appropriations bill. If that bill does not pass, then Congress will pass a “Continuing Resolution” to fund those federal agency functions at last year’s funding levels. Typically, those bills are “clean” and do not contain any extra language regarding certain projects. If that were to happen, that would be a serious blow to the Doheny Beach Project.

We have encouraged the Senator Feinstein and the Congressman Levin office to begin laying the groundwork with House and Senate Leadership to allow special language in a Continuing Resolution if it is needed so that South Coast can still qualify to receive this \$8.3 Million in funding. We will keep you posted on these developments.

### ***Infrastructure Bill Update:***

When Congressional Leaders met with President Trump just prior to the Memorial Day Recess to discuss funding streams to pay for a large national infrastructure package—the President stopped the meeting and indicated he didn’t want to continue this discussion unless the congressional investigations into his Presidency ended. Many here believe we will still see individual bills pass dealing with infrastructure pass—but the likelihood of a large scale infrastructure package passing remains remote at this time. We are monitoring these developments and will keep you updated on any progress.

### ***Disaster Relief Funding:***

The House and the Senate passed the long awaited \$19.1 Billion Disaster Relief bill on June 3<sup>rd</sup> by a vote of 354-58. The final bill was held up an extra week due to Members of Congress who would not allow the bill to pass under an unanimous consent procedure during the Memorial Day Recess period. California will be eligible for up to \$12.6 Billion of new spending as a result of the legislation according to Senator Feinstein’s office. The impasse for passing the legislation was removed after President Trump gave up his demand that \$4.5 Billion was to be used for humanitarian aid be included in the final bill. There is now a separate humanitarian bill moving through Congress to deal with the immigration crisis at the Southern Border.

On the forecast for the likelihood of wildfires this year, the National Interagency Fire Center is now predicting another year of “above normal risk” for significant wildfires in California.



**Memorandum**

To: Municipal Water District of Orange County  
From: Syrus Devers, Best Best & Krieger  
Date: June, 2019  
Re: Monthly State Political Report

**Legislative Report**

As this report is being prepared the Legislature is preparing to vote on a budget. The Budget Bill must pass midnight on June 15th in order for the legislators to keep getting paid, and all indications are that their paychecks are safe. Conference Committee wrapped up Sunday night and Legislative Counsel whipped out AB 74, the Budget Bill, at 10:18 Tuesday morning. That allows for the bill to be brought up on Thursday (13th) during regular session.

The first two weeks of June are also when surviving bills cross over to the other house following the fiscal committee deadline of May 31st. Policy committees resumed work on June 3rd but will not have full agendas until next week. The next significant deadline is July 10th when fiscal bills must clear the policy committees in the other house.

The Senate has two new members. Lena Gonzalez (D) will replace Ricardo Lara (D) who vacated his seat to become the Insurance Commissioner, and Assembly Member Brian Dahle (R) will move up to the Senate to take the seat of Ted Gaines (R) who left for the Board of Equalization.

*Water Tax (Safe Drinking Water Fund)*

This section has been a recurring feature of this monthly report for over a year, and the issue itself reaches back to SB 623 (Monning) in 2017, but it's time to stick a fork in it—it's done. The final deal reached on Sunday night was a slight variation on the Senate budget proposal reported on last month. Instead of general fund dollars, the soon-to-created Safe Drinking Water Fund will receive 5% of Greenhouse Gas Reduction Fund (GGRF) revenues up to \$100 million, and \$30 million from the general fund. Should the revenue stream from the GGRF fall short of that amount it will be backfilled by the general fund. The details of the fund are yet to be worked out, but SB 200 (Monning) will likely be the starting point. The budget deal doesn't mention taxes on ag and dairy, but nothing precludes those being imposed later. If that happens, the monies would draw the general fund contribution.





**BEST BEST & KRIEGER**  
ATTORNEYS AT LAW

That's unlikely this year, however. Senate Pro Tem Toni Atkins pushed the deal through by taking a hardline against bringing any new taxes to a vote on the Senate Floor. Job #1 for any legislative leader is to protect the vulnerable members. (Job #2 is to make the safe members raise money.) There may be 29 Democrat seats in the Senate, with 27 needed for a tax, but Atkins can't count on Sen. Glazer for a tax vote, and probably cannot get Lena Gonzalez sworn in for the vote. That means Sen. Hurtado, who just won a Republican seat in the Central Valley, would have to vote on an ag tax without the liability protection that made it popular. (She won the seat from Republican Andy Vidak who coauthored SB 623 because of the liability exemption.) Atkins is smart not to let that happen.

*WaterFix*

The lack of information on the tunnels has gone on so long that the silence is becoming newsworthy. BB&K staff met with a DWR attorney close to the issue and was asked by the attorney, "what's happening with the tunnels?" The agency attorney assumed that BB&K would have more information than someone working inside the administration. Governor Newsom announced his preference for one tunnel in January and hasn't said much since, including to his own staff, or so it would seem. There is some good news, however, SB 204 (Dodd), which was a collateral shot at contracts to build the tunnels, was amended down to be a reporting and transparency bill with no significant provisions to cause delay. With that outcome, plus the wins earlier in the year against the anti-WaterFix bills from Assm. Frazier, there are no longer any legislative threats to the tunnels.

**Administrative Report**

There's not much to report. There are some regulatory proceeding underway, but the main ones MWDOC is interested in are still in idle mode. BB&K staff is meeting with SWRCB Chair Esquivel later in the week and may have something to report at the PAL Committee.

# The County of Orange Report

June 11, 2019  
by Lewis Consulting Group



**LAFCO Update**  
EST. 1963

The June 12<sup>th</sup> meeting of Orange County LAFCO was held after our go-to-print deadline, so any particular interests will be reported verbally.

Items on the agenda include:

#7 Special recognition of former Commissioner Charlie Wilson.

#8 a public hearing on the annexation of 968 acres to the Orange County Sanitation District. Referred to as Los Alisos Area 1 and Los Alisos Area 2; the property includes Portola Hills, part of Lake Forest and Baker Ranch.

#9 adoption of a resolution approving an amendment to the Memorandum of Agreement with Executive Officer Carolyn Emory.



## **County Considers 2019/2020 Budget**

The Board of Supervisors on June 11<sup>th</sup> and possibly June 12<sup>th</sup> as well, will be considering the upcoming yearly budget.

The County Staff proposed budget is \$6.8 billion, an increase of \$305 million from last year's budget. Budgeted general fund accounts for a total of \$917 million. One highlight, this year is the final County payment to the Vehicle License Fee Adjustment settlement this June.

The final budget vote is anticipated for Tuesday, June 25, 2019. Budget details will be presented at the PAL meeting.

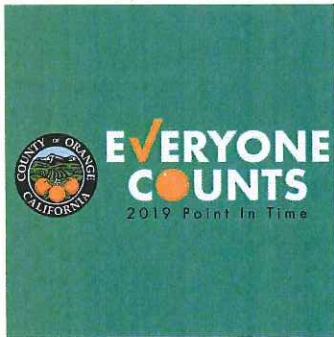
## **Dueling Homeless Counts**

Cal-Optima, the Orange County Agency in charge of administering health insurance for Orange County's poor has a total of 760,000 members.

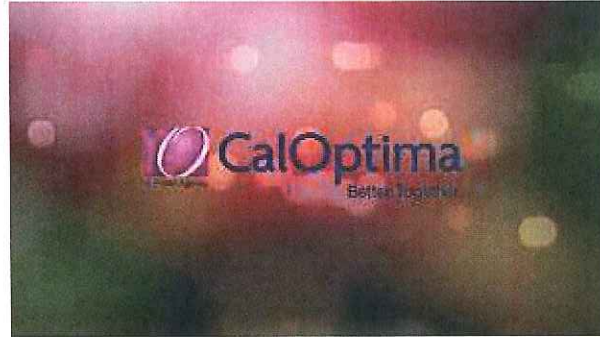
Over the past year they studied their membership and made a determination that the homeless population in Orange County is approximately 10,000 people. The number is larger than the official Orange County number, pegged at 6,800.



Methodology accounts for the variance in the two numbers. The County used a “point in time” count, when volunteers fanned out throughout the county in a single day. Cal-Optima by contrast looked at their membership over a year’s time and counted those who were either living in homeless shelters or “living on the streets”. As a result, the county count misses people who are “crashing” temporarily at a friend’s home, engaging in what is now known as “couch surfing”.

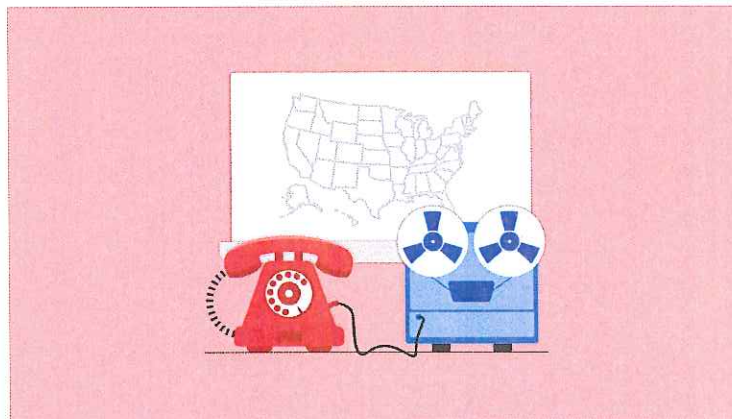


VS



### **Grand Jury Defends Sheriff’s Department in O.C. Jail Scandal**

From 2015-2018 more than 30,000 phone calls between inmates and their attorneys were illegally recorded. The illegal recordings were the result of a software problem when an update failed to transfer over a complete list of phone numbers NOT to be recorded. According to evidence and testimony in Superior Court proceedings, some District Attorney and Sheriff Department employees knew this was happening as early as 2015. In fact, when the matter was ultimately heard by the California Appellate Court, the panel of justices found “systematic problems with informants and evidence disclosures at the Sheriff’s Department and District Attorney’s office”.



The Orange County Grand Jury took a different view of the matter. The Grand Jury placed nearly all the blame on the county jail phone vendor. They did offer a mild criticism of the Sheriff’s Department by concluding “department personnel lacked sufficient systems knowledge and training on inmate phone system”.

Overall conclusions by the Grand Jury included:

- The Grand Jury found no evidence of improper use of recorded phone calls
- The Grand Jury found that 1,309 phone numbers which had been on a DO NOT RECORD listing, did not make the transition with the new software
- The Grand Jury ultimately concluded “throughout the investigation the Grand Jury found that all involved parties handled this situation professionally with transparency and with good intentions”.

### **Highlights From the Latest PPIC Poll**

The Public Policy Institute of California released its latest statewide poll. The poll surveyed 1,123 likely voters. A sample of this size yields a +/- of 4.1% with a confidence level of 95%. The survey was conducted May 19 - May 25, 2019.

Below are survey highlights among California’s likely voters.

Do you favor or oppose these state government proposals to provide more affordable housing in your part of California. . .

How about reducing state government regulations by changing CEQA—the California Environmental Quality Act?

47% favor  
30% oppose  
24% don’t know

How about requiring local governments to approve a certain amount of new housing development before they can receive state funding for their local transportation projects?

61% favor  
31% oppose  
8% don’t know

How about requiring local governments to change the land-use zoning for new development from single-family housing to multi-family housing near mass transit and job centers?

62% favor  
30% oppose  
8% don’t know

On the issue of homelessness in California. . .

In his revised budget plan, Governor Newsom proposes \$1 billion to address homelessness. The plan allocates \$650 million in one-time spending to local governments for homeless emergency aid, \$150 million for mental health programs, and



\$120 million for programs which coordinate housing and health and social services. Do you favor or oppose this proposal?

- 74% favor
- 23% oppose
- 3% don't know

How much of a problem is homelessness in your part of California? Is it a big problem, somewhat of a problem, or not much of a problem?

- 63% big problem
- 23% somewhat of a problem
- 13% not a problem

California's political landscape. . .

Overall, do you approve or disapprove of the way that Gavin Newsom is handling his job as governor of California?

- 45% approve
- 29% disapprove
- 26% don't know

Overall, do you approve or disapprove of the way that Donald Trump is handling his job as president?

- 34% approve
- 61% disapprove
- 4% don't know

If the 2020 presidential election were held today, would you definitely vote to reelect Donald Trump, probably vote to reelect Trump, probably vote for someone else, or definitely vote for someone else?

- 24% definitely vote to reelect Donald Trump
- 10% probably vote to reelect Trump
- 8% probably vote for someone else
- 57% definitely vote for someone else
- 1% don't know

*[Democratic likely voters and independents who lean Democratic only]*

What's more important to you—that Democrats nominate the presidential candidate whose positions on the issues come closest to yours, or the candidate who seems most likely to defeat Donald Trump in November 2020?

- 42% a presidential candidate whose positions on the issues are closest to yours
- 48% the candidate who seems most likely to defeat Donald Trump
- 6% both (volunteered)
- 4% don't know

Based on what you know, do you think Congress should or should not begin impeachment proceedings that could lead to Trump being removed from office?

- 49% should begin impeachment proceedings
- 45% should not begin impeachment proceedings
- 6% don't know



Do you think of yourself as closer to the Republican Party or Democratic Party?

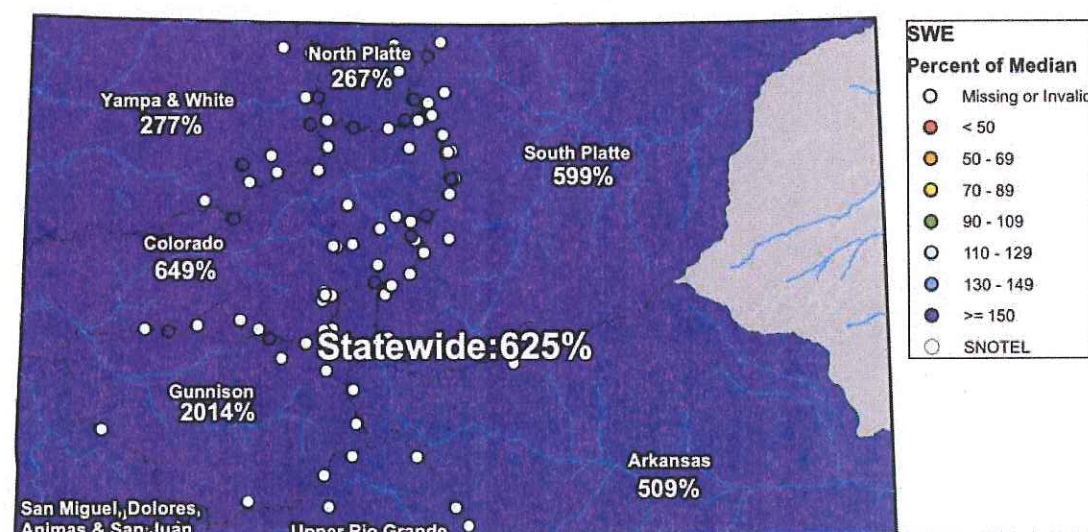
27% Republican Party  
39% Democratic Party  
23% neither (volunteered)  
11% don't know

## Colorado Snowpack Levels Off the Chart

As of Thursday, June 6, 2019 the state snowpack was 625% above average. So far only 38% of the state's snowpack has melted leaving large amounts of melt to flow into the Colorado River from major tributaries, the San Juan, Gunnison, Blue and Green Rivers. Hopefully, these flows will help the beleaguered water levels of Lake Powell and Lake Mead.

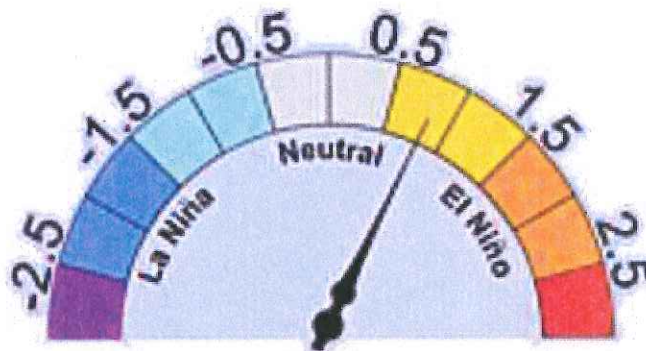
### Colorado SNOTEL Snow Water Equivalent (SWE) Update Map with Site Data

Current as of Jun 06, 2019



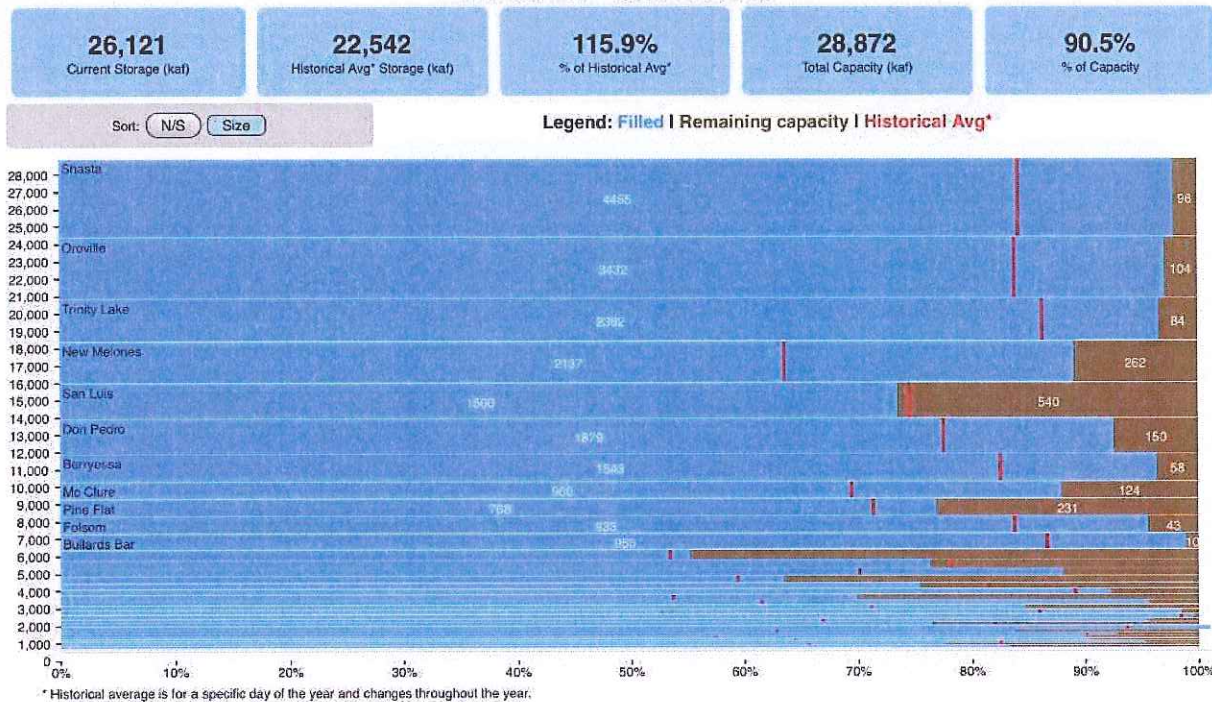
## Mild El Niño Conditions Persist

### ENSO METER



## A New View of California Reservoirs

California Reservoir Levels - engaging-data.com  
All Reservoirs - 06/10/2019 13:00



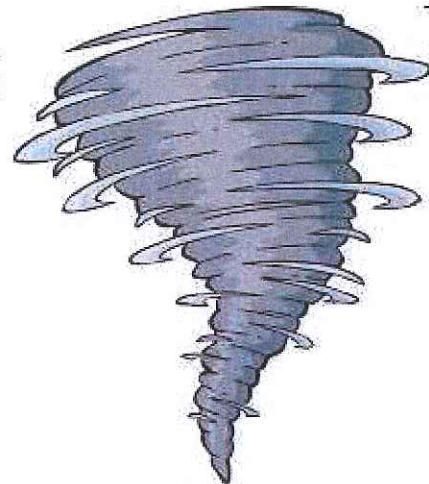
This chart, courtesy of Energy-Data, places California's reservoirs in order by storage capacity. Whatever chart you use right now displays 2019's most bountiful year.

## Surprising Cause of Mid-West Tornado Outbreak

Since the 1950's, the number of violent tornadoes in the U.S. [F3 or greater] have been on the decline. From 1954-1985, the average was 56 said tornadoes. From 1986-2018, the average had declined to 34.

From May 17- May 30, 2019, America's Plains and the Mid-West in general suffered through 298 confirmed tornadoes of which 18 were F3 or greater.

So what caused the difference?



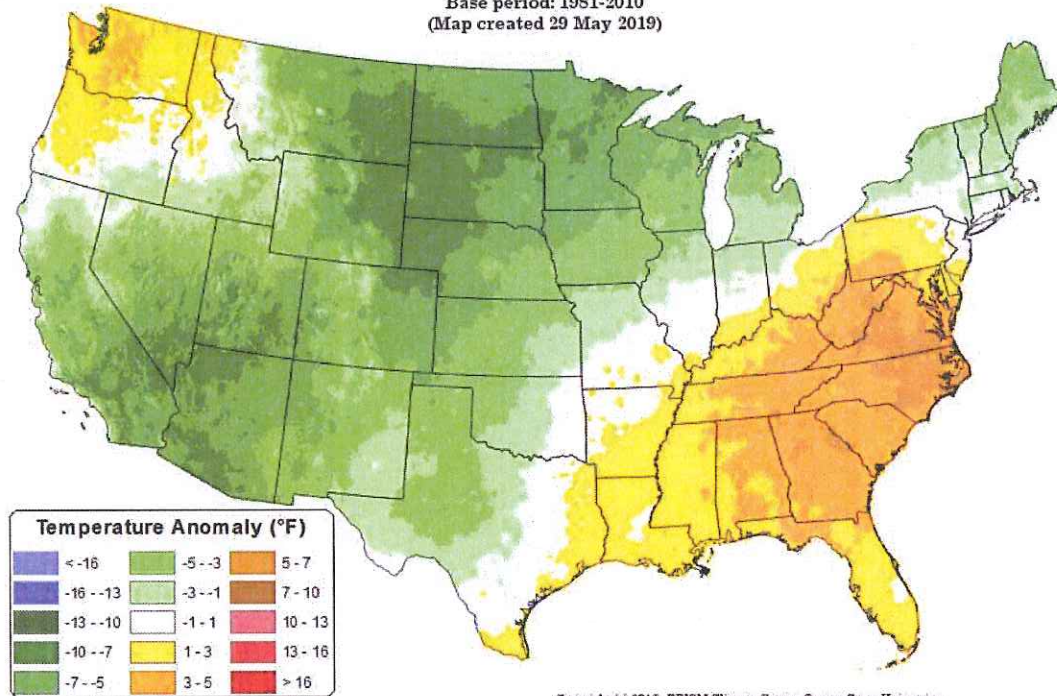


### Daily Mean Temperature Anomaly: 01 May 2019 - 28 May 2019

Period ending 7 AM EST 28 May 2019

Base period: 1981-2010

(Map created 29 May 2019)



As the above chart shows, the month of May had a tremendous cold pattern stretching from California to Michigan. In fact, this part of the U.S. in the month of May had the coldest departure from normal temperatures of any place in the world. It was the collision of this cold mass and the normal northerly flow of Gulf Stream heat which fueled the outbreak.

## PAL Committee

Prepared by Best Best & Krieger LLP, June 11, 2019

### A. Priority Support/Oppose

Measure	Author	Topic	Status	Brief Summary	Position	Priority	Notes 1
<a href="#">AB 134</a>	<a href="#">Bloom</a> D	Safe Drinking Water Restoration.	5/30/2019- In Senate. Read first time. To Com. on RLS. for assignment	Would require the State Water Resources Control Board to report to the Legislature by July 1, 2025, on its progress in restoring safe drinking water to all California communities and to create an internet website that provides data transparency for all of the board's activities described in this measure. The bill would require the board to develop metrics to measure the efficacy of the fund in ensuring safe and affordable drinking water for all Californians.	Out for Analysis	A. Priority Support/ Oppose	Look for this bill to languish now that the budget deal is done.
<a href="#">AB 217</a>	<a href="#">Garcia, Eduardo</a> D	Safe Drinking Water for All Act.	5/22/2019- Read second time. Ordered to third reading.	Would enact the Safe Drinking Water for All Act and would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board to provide a source of funding to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure. The bill would authorize the board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, bequests, and settlements from parties responsible for contamination of drinking water supplies, and to contribute funding available from other sources related to water quality.	Oppose unless amended	A. Priority Support/ Oppose	Same as above.
<a href="#">AB 223</a>	<a href="#">Stone, Mark</a> D	California Safe Drinking Water Act: microplastics.	4/26/2019- Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 2/4/2019)( May be acted upon Jan 2020)	The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law requires the state board, on or before July 1, 2020, to adopt a definition of microplastics in drinking water and, on or before July 1, 2021, to adopt a standard methodology to be used in the testing of drinking water for microplastics and requirements for 4 years of testing and reporting of microplastics in drinking water, including public disclosure of those results. This bill would require the state board, to the extent possible, and where feasible and cost effective, to work with the State Department of Public Health in complying with those requirements.		A. Priority Support/ Oppose	Dead
<a href="#">AB 292</a>	<a href="#">Quirk</a> D	Recycled water: raw	5/30/2019- In	Current law requires the State Water Resources Control Board, on or before	Support	A. Priority	



		water and groundwater augmentation.	committee: Hearing postponed by committee.	December 31, 2023, to adopt uniform water recycling criteria for direct potable reuse through raw water augmentation, as specified. Current law defines "direct potable reuse" and "indirect potable reuse for groundwater recharge" for these purposes. This bill would eliminate the definition of "direct potable reuse" and instead would substitute the term "groundwater augmentation" for "indirect potable reuse for groundwater recharge" in these definitions. The bill would revise the definition of "treated drinking water augmentation."		Support/ Oppose	
<a href="#">AB 533</a>	<a href="#">Holden D</a>	Income taxes: exclusion: turf removal water conservation program.	5/16/2019- In committee: Hearing postponed by committee.	Current law, for taxable years beginning on or after January 1, 2014, and before January 1, 2019, excludes from gross income under both laws any amount received as a rebate, voucher, or other financial incentive issued by a local water agency or supplier for participation in a turf removal water conservation program. Current law limits the collection and use of taxpayer information and provides that any unauthorized use of this information is punishable as a misdemeanor. This bill would extend the operative date of the provisions excluding from gross income specified amounts received in a turf removal water conservation program to taxable years beginning before January 1, 2024.		A. Priority Support/ Oppose	Dead
<a href="#">AB 756</a>	<a href="#">Garcia, Cristina D</a>	Public water systems: perfluoroalkyl substances and polyfluoroalkyl substances.	5/24/2019- From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on EQ.	Would authorize the State Water Resources Control Board to order a public water system to monitor for perfluoroalkyl substances and polyfluoroalkyl substances. The bill would require a community water system or a nontransient noncommunity water system, upon a detection of these substances, to report that detection, as specified. The bill would require a community water system or a nontransient noncommunity water system where a detected level of these substances exceeds the response level to take a water source where the detected levels exceed the response level out of use or provide a prescribed public notification.	Out for Analysis	A. Priority Support/ Oppose	
<a href="#">AB 1194</a>	<a href="#">Frazier D</a>	Sacramento-San Joaquin Delta: Delta Stewardship Council.	4/26/2019- Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/11/2019) (May be acted upon Jan 2020)	Would increase the membership of the Delta Stewardship Council to 13 members, including 11 voting members and 2 nonvoting members, as specified. By imposing new duties upon local officials to appoint new members to the council, the bill would impose a state-mandated local program.		A. Priority Support/ Oppose	Dead
<a href="#">ACA 3</a>	<a href="#">Mathis R</a>	Clean Water for All Act.	4/30/2019- In	This measure, the Clean Water for All Act, would additionally require, commencing with	Out for Analysis	A. Priority	



			committee: Set, first hearing. Failed passage. Reconsideration granted.	the 2021–22 fiscal year, not less than 2% of specified state revenues to be set apart for the payment of principal and interest on bonds authorized pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014; water supply, delivery, and quality projects administered by the department, and water quality projects administered by the state board, as provided.		Support/ Oppose	
<a href="#">SB 134</a>	<a href="#">Hertzberg</a> D	Water conservation: water losses: enforcement.	5/30/2019- Referred to Com. on W., P., & W.	Current law requires the State Water Resources Control Board, no earlier than January 1, 2019, and no later than July 1, 2020, to adopt rules requiring urban retail water suppliers to meet performance standards for the volume of water losses. This bill would prohibit the board from issuing an information order, written notice, or conservation order to an urban retail water supplier that does not meet its urban water use objective if the board determines the urban retail water supplier is not meeting its urban water use objective solely because the volume of water loss exceeds the urban retail water supplier's standard for water loss and the board is taking enforcement action against the urban retail water supplier for not meeting the performance standards for the volume of water losses.	Support	A. Priority Support/ Oppose	ACWA is working on clarifying amendments
<a href="#">SB 200</a>	<a href="#">Monning</a> D	Safe and Affordable Drinking Water Fund.	6/10/2019- Referred to Com. on E.S. & T.M.	Would establish the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and the long term. The bill would authorize the board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, and bequests and would provide that moneys in the fund are available, upon appropriation by the Legislature, to the board to fund grants, loans, contracts, or services to assist eligible recipients.	Watch	A. Priority Support/ Oppose	For consideration.
<a href="#">SB 204</a>	<a href="#">Dodd</a> D	State Water Project: contracts.	6/6/2019- Referred to Com. on W., P., & W.	Would require the Department of Water Resources to provide at least 10 days' notice to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature before holding public sessions to negotiate any potential amendment of a long-term water supply contract that is of projectwide significance with substantially similar terms intended to be offered to all contractors. The bill would require the department, before the execution of a specified proposed amendment to a long-term water supply contract and at least 60 days before final approval of such an amendment, to submit to the Joint Legislative Budget Committee and relevant policy and fiscal committees of the Legislature certain information regarding the terms and conditions of a proposed amendment of a long-term water supply contract and to submit a copy of the long-term contract as it is proposed to be amended.	Oppose	A. Priority Support/ Oppose	Amended. OK to watch.



<a href="#">SB 205</a>	<a href="#">Hertzberg</a> D	Business licenses: stormwater discharge compliance.	5/30/2019- Referred to Coms. on E.S. & T.M. and L. GOV.	Would require, when applying to a city or a county for an initial business license or business license renewal, a person who conducts a business operation that is a regulated industry to demonstrate enrollment with the NPDES permit program by providing specified information, under penalty of perjury, on the application, including, among other things, the Standard Industrial Classification Code for the business. The bill would apply to all applications for initial business licenses and business license renewals submitted on and after January 1, 2020.	Watch	A. Priority Support/ Oppose	
<a href="#">SB 332</a>	<a href="#">Hertzberg</a> D	Wastewater treatment: recycled water.	5/17/2019- Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENS E FILE on 5/13/2019) (May be acted upon Jan 2020)	Would declare, except in compliance with the bill's provisions, that the discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. The bill would require each wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers to reduce the facility's annual flow as compared to the average annual wastewater discharge baseline volume, as prescribed, by at least 50% on or before January 1, 2030, and by at least 95% on or before January 1, 2040. The bill would subject the owner or operator of a wastewater treatment facility, as well as the affiliated water suppliers, to a civil penalty of \$2,000 per acre-foot of water above the required reduction in overall volume discharge for the failure to meet these deadlines.		A. Priority Support/ Oppose	Dead
<a href="#">SB 414</a>	<a href="#">Caballero</a> D	Small System Water Authority Act of 2019.	6/10/2019- Referred to Coms. on E.S. & T.M. and L. GOV.	Would create the Small System Water Authority Act of 2019 and state legislative findings and declarations relating to authorizing the creation of small system water authorities that will have powers to absorb, improve, and competently operate noncompliant public water systems. The bill, no later than March 1, 2020, would require the state board to provide written notice to cure to all public agencies, private water companies, or mutual water companies that operate a public water system that has either less than 3,000 service connections or that serves less than 10,000 people, and are not in compliance, for the period from July 1, 2018, through December 31, 2019, with one or more state or federal primary drinking water standard maximum contaminant levels, as specified.	Support	A. Priority Support/ Oppose	
<a href="#">SB 669</a>	<a href="#">Caballero</a> D	Water quality: Safe Drinking Water Fund.	5/16/2019- May 16 hearing: Held in committee and under submission.	Would establish the Safe Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the state board to administer the fund to assist community water systems in disadvantaged communities that are chronically noncompliant relative to the federal and state drinking water standards and do not have the financial capacity to pay for operation and maintenance costs to comply with those		A. Priority Support/ Oppose	Dead



**B. Watch**

Measure	Author	Topic	Status	Brief Summary	Position	Priority	Notes 1
<a href="#">AB 129</a>	<a href="#">Bloom</a> D	Microfiber pollution.	4/26/2019- Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/25/2019)( May be acted upon Jan 2020)	Would require the State Water Resources Control Board to take specified actions relating to microfiber pollution on or before July 1, 2020, and would require the state board to identify best practices for clothing manufacturers to reduce the amount of microfibers released into the environment. The bill would require, on or before January 1, 2020, a public entity that uses a laundry system, and a private entity that contracts with a state agency for laundry services, to install a filtration system to capture microfibers that are shed during washing.		B. Watch	Dead
<a href="#">AB 231</a>	<a href="#">Mathis</a> R	California Environmental Quality Act: exemption: recycled water.	5/9/2019- Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/7/2019)(M ay be acted upon Jan 2020)(Recor ded 4/26/2019)	Would exempt from CEQA a project to construct or expand a recycled water pipeline for the purpose of mitigating drought conditions for which a state of emergency was proclaimed by the Governor if the project meets specified criteria. Because a lead agency would be required to determine if a project qualifies for this exemption, this bill would impose a state-mandated local program. The bill would also exempt from CEQA the development and approval of building standards by state agencies for recycled water systems.		B. Watch	Dead
<a href="#">AB 405</a>	<a href="#">Rubio, Blanca</a> D	Sales and use taxes: exemption: water treatment.	5/16/2019- Joint Rule 62(a), file notice suspended. In committee: Held under submission.	Would, on and after January 1, 2020, and before January 1, 2025, exempt from that Sales and Use Tax the gross receipts from the sale in this state of, and the storage, use, or other consumption in this state of, chemicals used by a city, county, public utility, and sanitation district to treat water, recycled water, or wastewater regardless of whether those chemicals or other agents become a component part thereof and regardless of whether the treatment takes place before or after the delivery to consumers.	Watch	B. Watch	
<a href="#">AB 441</a>	<a href="#">Eggman</a> D	Water: underground storage.	5/17/2019- Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/24/2019)( May be acted upon Jan	Under current law, the right to water or to the use of water is limited to that amount of water that may be reasonably required for the beneficial use to be served. Current law provides for the reversion of water rights to which a person is entitled when the person fails to beneficially use the water for a period of 5 years. Current law declares that the storing of water underground, and related diversions for that purpose, constitute a beneficial use of water if the stored water is thereafter applied to the beneficial purposes for which the appropriation for storage was made. This	Watch	B. Watch	



			2020)	bill would instead provide that any diversion of water to underground storage constitutes a diversion of water for beneficial use for which an appropriation may be made if the diverted water is put to beneficial use, as specified.			
<a href="#">AB 591</a>	<a href="#">Garcia, Cristina D</a>	Central Basin Municipal Water District: board of directors.	6/5/2019-From committee chair, with author's amendments: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on GOV. & F.	Current law requires the board of directors of the Central Basin Municipal Water District to be composed of 8 directors until the directors elected at the November 8, 2022, election take office, when the board would be composed of 7 directors, as prescribed. Current law requires the 3 directors appointed by the water purveyors, as specified, to live or work within the district and requires the term of an appointed director to be terminated if the appointed director no longer is employed by or a representative of the appointing entity. This bill would define representative for these purposes to be a consultant to or contractor of an entity, or a governing board member of a mutual water company.	Watch	B. Watch	Watch for potential amendments relating to membership allocation on MWD
<a href="#">AB 636</a>	<a href="#">Gray D</a>	State Water Resources Control Board: water quality objectives.	4/26/2019-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/14/2019)(May be acted upon Jan 2020)	Would prohibit the State Water Resources Control Board from implementing water quality objectives for which the state board makes a certain finding relating to environmental quality until it has submitted the water quality objectives and a statement of that finding to the appropriate policy committees of the Legislature and each committee has held a hearing on these matters.		B. Watch	Dead
<a href="#">AB 637</a>	<a href="#">Gray D</a>	State Water Resources Control Board: disadvantaged communities: drinking water.	5/17/2019-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/1/2019)(May be acted upon Jan 2020)	Would require the State Water Resources Control Board, before taking an action that significantly impacts drinking water, to use existing information to identify impacted disadvantaged communities and to seek to reduce impacts to those communities to the greatest extent practicable. The bill would also require the board to ensure that disadvantaged communities are provided an opportunity to participate in the public process for a decision that significantly impacts drinking water by holding a public hearing in or near an impacted community.		B. Watch	Dead
<a href="#">AB 638</a>	<a href="#">Gray D</a>	Department of Water Resources: water storage: climate change impacts.	5/29/2019-Referred to Com. on RLS.	Current law requires the Department of Water Resources to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as The California Water Plan. his bill would require the department, on or before December 31, 2023, with updates every 5 years thereafter, to identify water storage facilities vulnerable to climate change impacts and the mitigation strategies	Watch	B. Watch	



				for anticipated adverse impacts, as provided.			
<a href="#">AB 658</a>	<a href="#">Arambula D</a>	Water rights: water management.	6/6/2019- Referred to Com. on N.R. & W.	Would authorize a groundwater sustainability agency or local agency to apply for, and the State Water Resources Control Board to issue, a conditional temporary permit for diversion of surface water to underground storage for beneficial use that advances the sustainability goal of a groundwater basin, as specified.	Watch	B. Watch	
<a href="#">AB 841</a>	<a href="#">Ting D</a>	Drinking water: contaminants: perfluoroalkyl and polyfluoroalkyl substances.	5/29/2019- Referred to Com. on EQ.	Would require the Office of Environmental Health Hazard Assessment to adopt and complete a work plan within prescribed timeframes to assess which substances in the class of perfluoroalkyl and polyfluoroalkyl substances should be identified as a potential risk to human health, as provided. The bill would require the office, as part of those assessments, to determine which of the substances are appropriate candidates for notification levels to be adopted by the state board. The bill would require the Office of Environmental Health Hazard Assessment, by January 1, 2022, to provide to the Legislature an update on the assessment.	Watch	B. Watch	
<a href="#">AB 955</a>	<a href="#">Gipson D</a>	Water replenishment districts: water system needs assessment program.	6/6/2019- Referred to Coms. on GOV. & F. and N.R. & W.	Would require a water replenishment district to offer to conduct a needs assessment program for water systems serving disadvantaged communities within the district, as specified. The bill would make a water system's participation in the program voluntary. The bill would require the district, upon completion of the needs assessment, to develop and evaluate options to address the findings and recommendations in the needs assessment and prepare an implementation plan for recommendation to the water system.	Watch	B. Watch	
<a href="#">AB 1204</a>	<a href="#">Rubio, Blanca D</a>	Public water systems: primary drinking water standards: implementation date.	4/26/2019- Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.S. & T.M. on 3/11/2019)( May be acted upon Jan 2020)	Would require the adoption or amendment of a primary drinking water standard for a contaminant in drinking water not regulated by a federal primary drinking water standard or that is more stringent than a federal primary drinking water standard to take effect 3 years after the date on which the state board adopts or amends the primary drinking water standard. The bill would authorize the state board to delay the effective date of the primary drinking water standard adoption or amendment by no more than 2 additional years as necessary for capital improvements to comply with a maximum contaminant level or treatment technique.	Watch	B. Watch	
<a href="#">AB 1220</a>	<a href="#">Garcia, Cristina D</a>	Metropolitan water districts.	5/16/2019- Referred to Com. on GOV. & F.	Under the Metropolitan Water District Act, the board of a metropolitan water district is required to consist of at least one representative from each member public agency, as prescribed. The act authorizes each member public agency to appoint additional representatives not exceeding one additional representative for each 5% of the assessed valuation of property taxable for	Out for Analysis	B. Watch	



				district purposes within the entire district that is within the boundaries of that member public agency. This bill would prohibit a member public agency from having fewer than the number of representatives it had as of January 1, 2019.			
<a href="#">AB 1414</a>	<a href="#">Friedman D</a>	Urban retail water suppliers: reporting.	6/11/2019- Action From N.R. & W.: Do pass.To APPR..	Would require each urban retail water supplier to submit a completed and validated water loss audit report as prescribed by the Department of Water Resources on or before October 1 of each year until October 1, 2023, if reporting on a calendar year basis and on or before January 1 of each year until January 1, 2024, if reporting on a fiscal year basis. The bill would require on or before January 1, 2024, and on or before January 1 of each year thereafter, each urban retail water supplier to submit a completed and validated water loss audit report for the previous calendar year or previous fiscal year as part of an existing report relating to its urban water use.	Watch	B. Watch	
<a href="#">AB 1588</a>	<a href="#">Gloria D</a>	Drinking water and wastewater operator certification programs.	6/6/2019- Referred to Coms. on EQ. and V.A.	Current law requires a person who operates a nonexempt wastewater treatment plant to possess a valid, unexpired wastewater certificate or water treatment operator certificate of the appropriate grade. This bill, when applying for certification by the board as a water treatment operator, distribution system operator, or wastewater operator, would require operators of complex industrial facilities, including members of the military and military service veterans, to receive appropriate equivalent experience credit and education credit for work and tasks performed that are directly related to the operation of water or wastewater facilities, as specified.	Watch	B. Watch	
<a href="#">SB 1</a>	<a href="#">Atkins D</a>	California Environmental, Public Health, and Workers Defense Act of 2019.	6/6/2019- Referred to Coms. on E.S. & T.M., NAT. RES., and JUD.	Current state law regulates the discharge of air pollutants into the atmosphere. The Porter-Cologne Water Quality Control Act regulates the discharge of pollutants into the waters of the state. The California Safe Drinking Water Act establishes standards for drinking water and regulates drinking water systems. The California Endangered Species Act requires the Fish and Game Commission to establish a list of endangered species and a list of threatened species, and generally prohibits the taking of those species. This bill would require specified agencies to take prescribed actions regarding certain federal requirements and standards pertaining to air, water, and protected species, as specified.	Out for Analysis	B. Watch	
<a href="#">SB 19</a>	<a href="#">Dodd D</a>	Water resources: stream gages.	5/30/2019- Referred to Com. on W., P., & W.	Would require the Department of Water Resources and the State Water Resources Control Board, upon an appropriation of funds by the Legislature, to develop a plan to deploy a network of stream gages that includes a determination of funding needs and opportunities for modernizing and reactivating existing gages and deploying	Out for Analysis	B. Watch	

				new gages, as specified. The bill would require the department and the board, in consultation with the Department of Fish and Wildlife, the Department of Conservation, the Central Valley Flood Protection Board, interested stakeholders, and, to the extent they wish to consult, local agencies, to develop the plan to address significant gaps in information necessary for water management and the conservation of freshwater species.			
<a href="#">SB 45</a>	<a href="#">Allen D</a>	Wildfire, Drought, and Flood Protection Bond Act of 2020.	5/1/2019- May 6 set for first hearing canceled at the request of author.	Would enact the Wildfire, Drought, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,300,000,000 pursuant to the State General Obligation Bond Law to finance projects to restore fire damaged areas, reduce wildfire risk, create healthy forest and watersheds, reduce climate impacts on urban areas and vulnerable populations, protect water supply and water quality, protect rivers, lakes, and streams, reduce flood risk, protect fish and wildlife from climate impacts, improve climate resilience of agricultural lands, and protect coastal lands and resources.	Out for Analysis	B. Watch	
<a href="#">SB 307</a>	<a href="#">Roth D</a>	Water conveyance: use of facility with unused capacity.	6/10/2019- VOTE: Do pass and be re-referred to the Committee on [Appropriations] (PASS)	Current law prohibits the state or a regional or local public agency from denying a bona fide transferor of water from using a water conveyance facility that has unused capacity for the period of time for which that capacity is available, if fair compensation is paid for that use and other requirements are met. This bill would, notwithstanding that provision, prohibit a transferor of water from using a water conveyance facility that has unused capacity to transfer water from a groundwater basin underlying desert lands, as defined, that is in the vicinity of specified federal lands or state lands to outside of the groundwater basin unless the State Lands Commission, in consultation with the Department of Fish and Wildlife and the Department of Water Resources, finds that the transfer of the water will not adversely affect the natural or cultural resources of those federal or state lands, as provided.		B. Watch	In PAL Committee for consideration
<b>Total Measures: 34</b>							
<b>Total Tracking Forms: 34</b>							



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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>AB 292</b> <b>Quirk (D)</b>  Sponsor: WaterReuse California	Amended 3/6/2019  Senate Environmental Quality Committee	<b>Recycled water: raw water and groundwater augmentation.</b> Would modernize definitions from AB 574 (Quirk, 2017), which Metropolitan supported. Seeks to further clarify terminology related to recycled water that more accurately reflects current uses and practices.	<b>SUPPORT</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Providing outreach and education on process and benefits of recycled water is essential as California encourages increased development of recycled water supplies. AB 292 will help reduce confusion as water agencies work to increase public's comfort level with use of recycled water.
<b>AB 441</b> <b>Eggman (D)</b>  Sponsor: Author	Amended 3/27/2019  2-Year Bill	<b>Water: underground storage.</b> Provides that certain uses of stored water while underground will constitute a beneficial use.	<b>OPPOSE</b>  Based upon past opposition to AB 647 (Eggman) from 2015/16 and AB 1427 (Eggman) from 2017/18	Fails to provide sufficient safeguards to ensure that permanent underground storage is implemented in a reasonable manner. Unchecked, diversion of water for underground storage, whether new or existing appropriation, may adversely impact other beneficial uses of water for fish and wildlife, recreation, commerce, or use by downstream diverter.
<b>AB 533</b> <b>Holden (D)</b>  Sponsors: CA Water Efficiency Partnership, WaterNow Alliance, and Metropolitan	Amended 4/4/2019  2-Year Bill	<b>Income taxes: exclusion: water conservation or efficiency programs: turf removal water conservation program.</b> Would exclude from gross income, under both personal and corporate income tax laws, amounts received as rebate, voucher, or other financial incentive issued by local water agency for participation in a turf removal water conservation program.	<b>CO-SPONSOR</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Water providers need broad array of tools to increase participation in water use efficiency programs to further achieve water use savings. Utility-sponsored financial incentives are effective measures, and their appeal increases if rebates are excluded from taxable income.

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>AB 654</b> <b>B. Rubio (D)</b>  Sponsors: California Municipal Utilities Association (CMUA) and California Special Districts Association (CSDA)	Introduced 2/15/2019  2-Year Bill	<b>Public records: utility customers: disclosure of personal information.</b> Authorizes local agency to voluntarily release customer information to another governmental agency for scientific, research, or educational purposes, and if receiving agency agrees to maintain information as confidential.	<b>SUPPORT</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Data sharing is state policy objective, with intent to improve decision making. Measure will facilitate voluntary exchange of customer data information for prescribed uses to further improve customer programs and projects, while providing protections to ensure information remains confidential.
<b>AB 658</b> <b>Arambula (D)</b>  Sponsor: Author	Amended 4/2/2019  Senate Rules	<b>Water Rights: Water Management.</b> Will facilitate groundwater storage during high flow times through an expedited temporary permit.	<b>SUPPORT IF AMENDED</b>  Based upon Board action on 4/9/19	Under the Water Code, surface water can be stored underground if it is subsequently removed for a beneficial use. AB 658 would create a temporary permit to store groundwater during high flow times. Metropolitan is seeking amendments to ensure protection for existing water right holders, other beneficial uses, and the ability to meet water quality objectives.

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>AB 1180</b> <b>Friedman (D)</b>  Sponsor: WateReuse	Amended 3/28/2019  Senate Appropriations Committee	<b>Water: recycled water.</b> This measure would require the State Water Resources Control Board (SWRCB) to update the uniform statewide criteria for nonpotable recycled water uses by January 1, 2023, contingent upon legislative appropriation. In addition, it requires the SWRCB to include the use of a swivel or changeover device for dual-plumbed systems as part of the adoption for standards for backflow protection and cross-connection control through the adoption of a policy handbook by January 1, 2020.	<b>SUPPORT</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	As California continues to incentivize and increase the use and access to recycled water supplies, proper regulations and guidance documents are necessary to ensure both public health protections and efficient cost-effective means to establish dual-plumbed facilities.
<b>AB 1194</b> <b>Frazier (D)</b>  Sponsor: Delta Counties Caucus	Introduced 2/21/2019  2-Year Bill	<b>Sacramento-San Joaquin Delta: Delta Stewardship Council.</b> Will increase membership of Delta Stewardship Council from seven members to 13 members, with all six proposed new members to represent in-Delta interests.	<b>OPPOSE</b>  Based upon past opposition to AB 1876 (Frazier) from 2017/18	Fails to recognize the importance of statewide approach to advancing progress in Sacramento-San Joaquin Delta as encompassed in comprehensive package of reforms embedded in Delta Reform Act of 2009.



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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>AB 1204</b> <b>B. Rubio (D)</b>  Sponsor: Association of California Water Agencies (ACWA) and California Water Association (CWA)	Introduced 2/21/2019  2-Year Bill	<b>Public water systems: primary drinking water standards: implementation date.</b> Requires State Water Resources Control Board (SWRCB) to allow water providers reasonable period of time to complete work required to comply with new Maximum Contaminant Levels (MCLs), without being found in violation. Specifically proposes that any drinking water standards (MCL or treatment technique) adopted or amended by SWRCB will only be effective three years after initial date of adoption. Also grants SWRCB authority to allow up to two additional years to comply with standards, if it determines that more time is necessary for capital improvements.	<b>SUPPORT</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Positive impact to Metropolitan and its member agencies as it would establish fair and reasonable compliance period similar to that of U.S. Environmental Protection Agency.
<b>AB 1220</b> <b>C. Garcia (D)</b>  Sponsor: Central Basin Municipal Water District	Amended 3/28/2019  Senate Governance and Finance Committee  Hearing: 6/12/2019	<b>Metropolitan Water Districts.</b> Amends Metropolitan Water District Act to set a floor where number of representatives would not drop below current level.	<b>SUPPORT</b>  Based upon Board action on 3/12/19	Addresses potential loss of representation in densely-populated communities with slower relative increases in assessed property values.

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>AB 1588</b> <b>Gloria (D)</b>  Sponsors: San Diego County Water Authority and Otay Water District	Amended 5/8/2019  Senate Rules	<b>Drinking water and wastewater operator certification programs.</b> Allows military veterans to apply relevant experience and education towards obtaining water and wastewater system operator certifications from State Water Resources Control Board.	<b>SUPPORT</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Will increase the number of certified water and wastewater operators, as well as create job opportunities for veterans. Metropolitan is seeking amendments to ensure consistency in equivalency standards when assessing military education and work experience with existing state certification requirements.
<b>AJR 8</b> <b>Quirk (D)</b>  Sponsor: Author	Amended 6/4/2019  Senate Natural Resources and Water Committee  Hearing: 6/11/2019	<b>Invasive species: Federal Nutria Eradication and Control Act of 2003.</b> Requests that U.S. Congress add California to Nutria and Eradication and Control Act of 2003, and appropriate \$4 million for nutria eradication in California.	<b>SUPPORT</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Invasive species create significant, long-term burdens that require significant investments to either control and/or eradicate. Presence of nutria within Delta represents significant threat to water supply and quality, and levee stabilization.
<b>SB 19</b> <b>Dodd (D)</b>  Sponsor: The Nature Conservancy	Amended 2/28/2019  Assembly Water, Parks and Wildlife Committee  Hearing: 6/18/2019	<b>Water resources: stream gages.</b> Requires Department of Water Resources and SWRCB to develop plan to implement network of stream gages that includes determination of funding and opportunities to modernize existing network of gages, in consultation with other stakeholders.	<b>SUPPORT</b>  Based upon past support for SB 919 (Dodd) from 2017/18	Currently no comprehensive or authoritative database on gage locations exists, and ability to link measurements to water quantity and water quality is essential for sound, informed water management decisions statewide. Metropolitan supported the Open and Transparent Water Data Act (AB 1755 Dodd, 2016), and improving gage data is consistent with purpose of Act.



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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>SB 62</b> <b>Dodd (D)</b>  Sponsor: California Farm Bureau Federation	Amended 4/3/2019  Assembly Water, Parks and Wildlife Committee  Hearing: 6/18/2019	<b>Endangered species: accidental take associated with routine and ongoing agricultural activities: state safe harbor agreements.</b> Extends exemption from California Endangered Species Act (CESA) for accidental take of endangered species resulting from agricultural and ranching activities.	<b>SUPPORT</b>  Based upon Board action on 3/12/19	Under CESA, farmers and ranchers are granted exemption from incidental take for accidentally taking or harming state-listed species during routine agricultural activities. Metropolitan's amendments incorporated to set a sunset date, require reporting, and clarify exemption applies to farmers and ranchers not public agencies.
<b>SB 69</b> <b>Wiener (D)</b>  Sponsors: California Coastkeeper Alliance and Pacific Coast Federation of Fishermen's Associations	Amended 5/17/2019  Assembly Desk	<b>Ocean Resiliency Act of 2019.</b> Seeks to bolster the resilience of the state's marine and coastal environments to climate change and improve conditions for salmon and other commercially valuable species.	<b>OPPOSE UNLESS AMENDED</b>  Based upon Board- adopted 2019 State Legislative Priorities and Principles	Would replace existing forestry, fishery and water quality regulatory processes with entirely different approaches in the hope of improving conditions for fish upstream of the Delta and in the ocean along the California coast. Would create an offshore salmon hatchery that could interfere with native salmon populations and would test a new fish tagging program. Assigns costs in part to the State Water Project.
<b>SB 204</b> <b>Dodd (D)</b>  Sponsor: Delta Counties Caucus	Amended 5/17/2019  Assembly Desk	<b>State Water Project: contracts.</b> Revises the notification requirements for pending State Water Project (SWP) contract negotiations and contract amendments. Additionally, explicitly requires the California Water Commission to review and report on the progress of the design, construction, and operation of any new Delta conveyance facility as a part of its annual review of the SWP.	<b>WATCH</b>  Based upon Board- adopted 2019 State Legislative Priorities and Policies	Recent amendments adhere to the author's stated purpose and delete objectionable provisions related to the Delta Conveyance joint powers authorities. Bill provides for further transparency on any future amendments to State Water Project contracts as described in Water Code Section 147.6 (c) and construction of future Delta conveyance improvements.



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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>SB 414</b> <b>Caballero (D)</b>  Sponsor: Eastern Municipal Water District and California Municipal Utilities Association (CMUA)	Amended 5/17/2019  Assembly Desk	<b>Small System Water Authority Act of 2019.</b> Authorizes State Water Resources Control Board (SWRCB) to merge small, non-noncompliant public water systems into regional water authority that will directly benefit from increased economies of scale and access to public financing.	<b>SUPPORT</b>  Based upon past support for AB 2050 (Caballero) from 2017/18	As introduced, SB 414 sets deadline for small water systems to comply with safe drinking water standards or consolidate into regional authority managed by SWRCB-appointed contractor until water system achieves self-sufficiency, complies with drinking water standards, and can reliably provide access to safe drinking water.
<b>SB 559</b> <b>Hurtado (D)</b>  Sponsor: Friant Water Authority	Amended 5/17/2019  Assembly Desk	<b>Department of Water Resources: grant: Friant-Kern Canal.</b> Seeks to address problems of land subsidence on the federally-owned Friant Kern Canal.	<b>SUPPORT IF AMENDED</b>  Based upon Board-adopted 2019 State Legislative Priorities and Principles	Addresses land subsidence in the Central Valley but only focuses on impacts to the Friant Kern Canal. Metropolitan seeking amendments to include the need to address subsidence problems on the California Aqueduct to ensure a reliable water supply for southern California as well.
<b>SB 669</b> <b>Caballero (D)</b>  Sponsor: Association of California Water Agencies (ACWA) and California Municipal Utilities Association (CMUA)	Introduced 2/22/2019  2-Year Bill	<b>Water Quality: Safe Drinking Water Fund.</b> Establishes irrevocable Safe Drinking Water Trust as a perpetual source of funding to assist chronically noncompliant community water systems in disadvantaged communities gain access to safe drinking water.	<b>SUPPORT</b>  Based upon Board action 3/12/2019	Would create Water Trust funded by general fund appropriation during surplus years. Earnings from Trust would be continuously appropriated to Safe Drinking Water Fund administered by State Water Resources Control Board to assist chronically noncompliant community water systems in disadvantaged communities achieve self-sufficiency.

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**June 7, 2019**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>SB 785</b> <b>Senate Natural</b> <b>Resources and</b> <b>Water Committee</b>  Sponsor: Committee	Amended 4/30/2019  Assembly Desk	<b>Public resources: parklands, freshwater resources, and coastal resources.</b> Committee omnibus bill to extend current sunset date for requirement and enforcement of quagga control plans, and qualified liability coverage for agencies that are compliant with approved control plan.	<b>SUPPORT</b>  Based upon Board adopted 2019 State Legislative Priorities and Principles	Would extend current sunset date from January 1, 2020, to January 1, 2030, for requiring quagga mussel control plans and ensuring extension of qualified immunity for operators of water delivery and storage facilities.

## **ETWD Public Education and Outreach Report**

### **June 27, 2019**

The following provides an update on the education and outreach ETWD is developing or has completed.

### **Drought Log**

Customer Service continues to update the drought response log. This includes phone calls, walk-ins and emails regarding water waste complaints and ETWD's permanent mandatory conservation measure inquiries. There were three water waste complaints for the month of May regarding excessive water runoff.

### **Messaging/Materials**

The June/July bill message: "July is Smart Irrigation Month. Consider replacing your irrigation timer with a Smart Controller that adjust to changes in the weather and the needs of your landscape. Rebates up to \$155 for Smart Controllers are available at [etwd.com/conservation/rebates](http://etwd.com/conservation/rebates)."

### **Laguna Woods Village Television Channel 6**

Director Mike Gaskins will discuss water quality on LWV TV -6 June 28, 2019.

### **Bill Insert**

ETWD is mailing a bill insert announcing July is Smart Irrigation Month with the June/July bills. A copy follows this report.

### **Community Outreach Events**

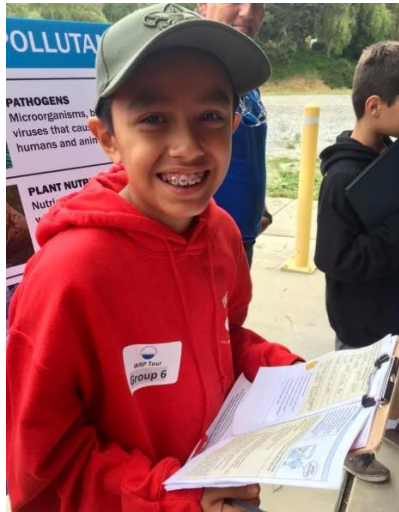
ETWD staff Marisol Melendez, Steve Wingen, Dominic Bergin and Sherri Seitz hosted a booth and sponsored the 2019 South County Senior Summit at Soka University in Aliso Viejo on May 17, 2019.







ETWD partnered with MWDOC to host the Scout Soil and Water Conservation Badge clinic and tour at the ETWD Water Recycling Plant on Saturday, June 1st. The scout event was a success with approximately 75 scouts that earned their badge.







ETWD staffed a booth at the Orange County Boy Scouts of America Saddleback District Roundtable on June 13th at Saddleback Church.

Submitted by: Sherri Seitz 6/20/19

# JULY IS SMART IRRIGATION MONTH



Transform your landscape with climate-appropriate plants and efficient irrigation devices!



## SPRAY-TO-DRIP

Convert spray heads to drip irrigation to water directly at plant root zones.

**Rebates:** Up to \$90 per kit - Max. of 5 kits



## TURF REMOVAL

Replace thirsty turf to save money, save water, and save time on maintenance.

**Rebates:** \$3 per sq. ft. - Up to \$15,000  
Residential Max. of 5,000 sq. ft.  
Commercial Max. of 50,000 sq. ft.



For program terms, visit: [www.mwdoc.com/ocresidentialrebates](http://www.mwdoc.com/ocresidentialrebates).



# EVEN MORE WAYS TO SAVE!



## ROTATING NOZZLES

Rotating sprinkler nozzles water more efficiently than traditional spray heads.

**Rebates:** \$3 per nozzle  
Min. of 30 nozzles



## SMART IRRIGATION TIMERS

Adjust watering schedule based on current weather conditions.

**Rebates:** \$155 per timer



## RAIN BARRELS/CISTERNS

Capture rain water that falls on your roof, and use it to water your plants.

**Rebates:** \$50 per rain barrel - Max. of 2  
OR \$250-\$350 per cistern - Max. of 1



## SPRINKLER ADJUSTMENT REMINDERS

CSANS sends periodic reminder emails to adjust sprinkler settings on your irrigation controller.

**Subscribe:** [www.csans.net](http://www.csans.net)

**Celebrate the benefits of smart irrigation by taking advantage of these available rebates!**

**EL TORO WATER DISTRICT  
CONSERVATION PROGRAM  
Monthly  
Status Report  
June 27, 2019**

**REBATE PROGRAMS**

The following tables are the current device rebate amounts for MET, MWDOC and ETWD for the fiscal year 2018/19 from July 1<sup>st</sup> through June 30th. An update to the Turf Removal Rebate Program rebates is noted.

Select device purchases are eligible for rebates while devices meet eligibility requirements and while funding lasts. The rebate process is completed online through [www.ocwatersmart.com](http://www.ocwatersmart.com). Customers without computer access can call 888-376-3314 to apply.

**1) Residential Rebate Program:**

<b>Device</b>	<b>MET Rebate</b>	<b>MWDOC Grant</b>	<b>ETWD Rebate</b>	<b>Total Rebate (up to)</b>
<b>High Efficiency Clothes Washer</b> (CEE tier one or better)	<b>\$85</b>		<b>\$115</b>	<b>\$200</b>
<b>Premium High Efficiency Toilet (4 liter)</b>	<b>\$40</b>		<b>\$60</b>	<b>\$100</b>
<b>Rotating Sprinkler Nozzles</b> (min 30 per home)	<b>\$2 ea</b>		<b>\$1</b>	<b>\$3</b>
<b>Smart Irrigation Timer</b>	<b>\$80</b>		<b>\$75</b>	<b>\$155</b>
<b>Turf Removal Program</b> (up to 5,000 sq ft)* Effective 2-13-19	<b>\$2 sq. ft</b>	<b>\$1</b>		<b>\$3 sq. ft.</b>
<b>Soil Moisture Sensor System</b> <1 Acre >1 Acre	<b>\$80</b> <b>\$35/station</b>		<b>\$75</b>	<b>\$155</b> <b>\$35/station</b>
<b>Rain Barrels – 1/1 – 6/30/17 Cisterns</b> (200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	<b>\$35</b> <b>\$250</b> <b>\$300</b> <b>\$350</b>		<b>\$15</b>	<b>\$50</b> <b>\$250</b> <b>\$300</b> <b>\$350</b>
<b>Drip Irrigation</b> (per kit and up to 5 kits)		<b>\$90 base plus \$85</b>		<b>\$175 per kit</b>

**\*Designated recycled water sites are not eligible for turf removal rebates. MWDOC Grant funding based on availability.**

## 2) Commercial Plumbing/Irrigation Devices Rebate Program:

<b>Device</b>	<b>MET Rebate</b>	<b>MWDOC Grant</b>	<b>ETWD Rebate</b>	<b>Total Rebate (up to)</b>
Premium High Efficiency Toilet (4 liter)	\$40			\$40
Multi-family Premium High Efficiency Toilet (4 liter)	\$40			\$40
Zero Water/Ultra Low Water Urinal	\$200			\$200
Plumbing Flow Control Valve (min. 10)	\$5			\$5
Smart Irrigation Timer (weather based or central computer)	\$35/station			\$35/station
Rotating Sprinkler Nozzles (minimum quantity of 15)	\$2		\$1	\$3
Rotating Nozzles – Large Rotary	\$13			\$13
Turf Removal Program (up to 50,000 sq ft)* Effective 2-13-19	\$2 sq. ft.	\$1 sq. ft.		\$3 sq. ft.
Drip Irrigation (sq. ft.)(maximum 45,000 sq. ft)		\$0.20 sq. ft.		\$0.20 sq. ft.
Soil Moisture Sensor System	\$35/station			\$35/station

\*Designated recycled water sites are not eligible for turf removal rebates.

Additional commercial rebates available online at [ocwatersmart.com](http://ocwatersmart.com). MWDOC Grant funding based on availability.

### **WATER USE EFFICIENCY PLAN UPDATE (WATER CONSERVATION PLAN)**

The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). [As of May 2019 year-to-date sales, residential accounted for 64% of the overall Tier 3 usage and dedicated irrigation accounted for 55% of Tier 4 usage.](#)

### **TOTAL CONSUMPTION COMPARISON TO EVAPOTRANSPIRATION (ET) FACTOR**

Included in this month's Conservation Report is a chart comparing the current fiscal year 2018/19 consumption and ET factor to the fiscal 2017/18 consumption and ET factor.



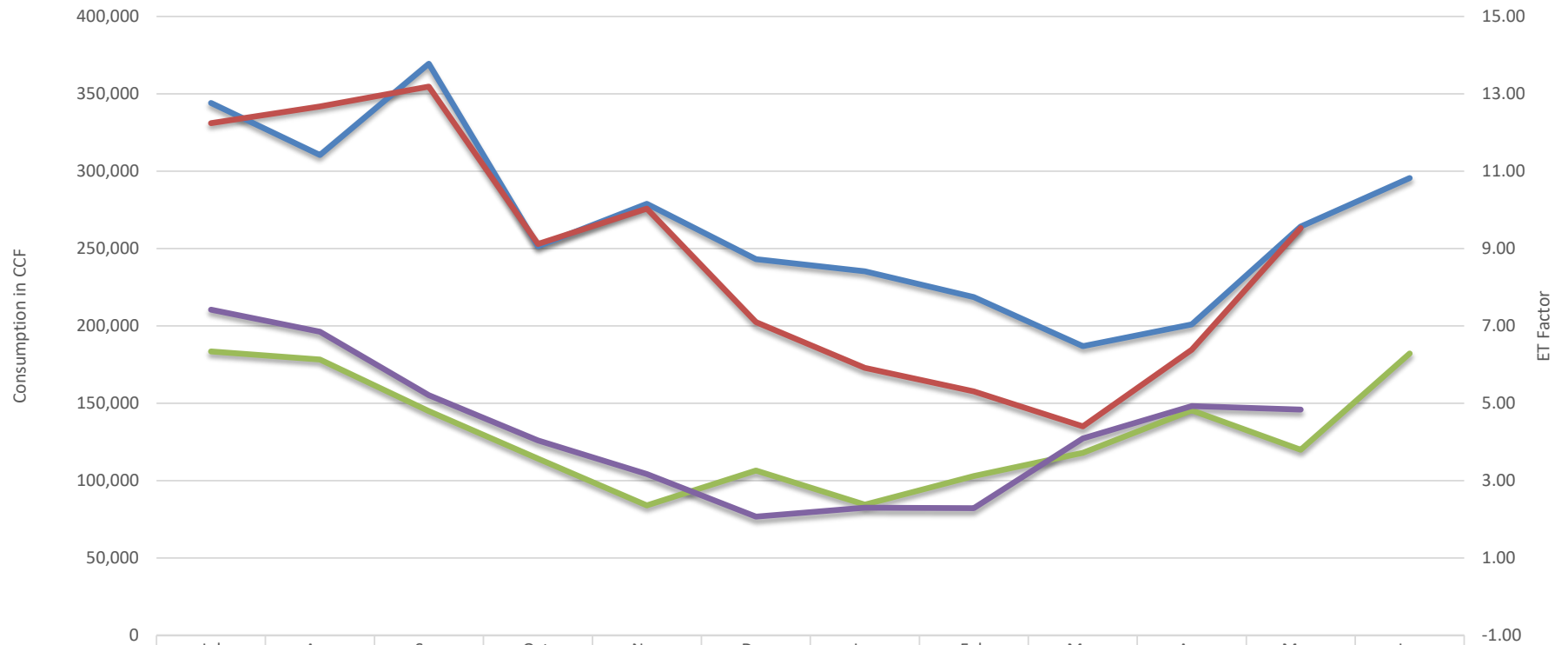
The ET factor increased 21% from May 2018 when compared to May 2019. The consumption difference from May 2018 to May 2019 was 1,021 ccfs.

**MWDOC's—WATER USE EFFICIENCY PROGRAMS SAVINGS AND  
IMPLEMENTATION REPORT / ETWD's—WATER USE EFFICIENCY PROGRAM  
SAVINGS REPORT**

The current MWDOC and ETWD's Program Savings Reports follow this report. MWDOC's report show all their client agencies current participation levels in water use efficiency programs and savings calculations. ETWD's report show current District customer participation in water use efficiency programs along with savings provided in acre/feet per year, million gallons per year and avoided water costs based on those calculations.

**By: Sherri Seitz  
Date: June 13, 2019**

## Total Consumption Comparison



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2017-2018	344,078	310,451	369,472	251,478	278,939	243,123	235,364	218,623	186,920	201,067	264,239	295,506
2018-2019	331,098	341,819	354,683	253,007	275,853	202,506	172,911	157,696	135,090	184,628	263,218	
17/18 ET	6.34	6.13	4.80	3.57	2.36	3.26	2.38	3.12	3.72	4.82	3.80	6.29
18/19 ET	7.42	6.85	5.21	4.04	3.17	2.07	2.30	2.29	4.09	4.93	4.84	
%	96%	110%	96%	101%	99%	83%	73%	72%	72%	92%	100%	0%

## El Toro Water District Water Use Efficiency Program Savings

Program	Program Start Year	Program/Total Years	Avoided Water Use Acre Feet/Annual	Avoided Water Use Million Gallons/Annual	Avoided Water Costs Based on MWDOC Rate (\$2.16 CCF) Annual
High Efficiency Toilet (HET)	2005	14	43.7	14.2	\$41,126
High Efficiency Clothes Washers--Residential	2001	18	22.2	7.2	\$20,892
*SoCal Water Smart Commercial Plumbing Fixtures Rebate Program (ULFT's, HET's, Urinals, HECW, Cooling Tower Conductivity Controllers)	2002	17	44.1	14.4	\$41,503
SmarTimer Program--Irrigation Timers	2004	15	182.0	59.3	\$171,280
Rotating Nozzles Rebate Program	2007	12	118.4	38.6	\$111,464
Turf Removal Program	2010	9	47.6	15.5	\$44,796
**Water Smart Landscape Program - Ended 2016	1997	20	242.9	79.2	\$228,594
Synthetic Turf Rebate Program-Ended 2011	2007	8	0.9	0.3	\$847
***Ultra Low Flush Toilets (ULFT)--Ended 2009	1992	16	193.2	58.0	\$167,487
Computer Controlled Irrigation System--Gate 11--Ended 2006	2001	6	8.9	2.9	\$8,357
<b>Totals</b>			<b>903.9</b>	<b>294.6</b>	<b>\$850,681</b>

\* Formerly the Save Water Save a Buck - Commercial Rebate Program

\*\* Formerly the Landscape Performance Certification Program

\*\*\* Correction on date and total

Because of our participation in Water Use Efficiency Programs, the District will not be using an estimated 294.6 million gallons of water per year.



# Orange County

## Water Use Efficiency Programs Savings and Implementation Report

### Retrofits and Acre-Feet Water Savings for Program Activity

Program	Program Start Date	Retrofits Installed in	Month Indicated		Current Fiscal Year		Overall Program		
			Interventions	Water Savings	Interventions	Water Savings	Interventions	Annual Water Savings[4]	Cumulative Water Savings[4]
High Efficiency Clothes Washer Program	2001	April-19	118	0.34	2,237	37.39	118,782	4,098	30,444
Smart Timer Program - Irrigation Timers	2004	April-19	117	1.18	2,227	239.95	24,951	8,477	55,228
Rotating Nozzles Rebate Program	2007	April-19	65	0.26	2,995	11.97	567,367	2,775	21,100
Commercial Plumbing Fixture Rebate Program	2002	April-19	512	1.31	10,719	142.27	104,492	5,284	49,644
Industrial Process/Water Savings Incentive Program (WSIP)	2006	April-19	1	9.72	4	121.11	35	913	3,689
Turf Removal Program <sup>[3]</sup>	2010	May-19	91,821	1.07	782,070	51.78	22,377,148	3,133	13,414
High Efficiency Toilet (HET) Program	2005	April-19	11	0.04	218	9.27	60,321	2,230	19,282
Water Smart Landscape Program [1]	1997						12,677	10,621	72,668
Home Water Certification Program	2013						312	7.339	15.266
Synthetic Turf Rebate Program	2007						685,438	96	469
Ultra-Low-Flush-Toilet Programs <sup>[2]</sup>	1992						363,926	13,452	162,561
Home Water Surveys <sup>[2]</sup>	1995						11,867	160	1,708
Showerhead Replacements <sup>[2]</sup>	1991						270,604	1,667	19,083
<b>Total Water Savings All Programs</b>				<b>14</b>	<b>800,470</b>	<b>614</b>	<b>24,597,920</b>	<b>52,913</b>	<b>449,306</b>

<sup>(1)</sup> Water Smart Landscape Program participation is based on the number of water meters receiving monthly Irrigation Performance Reports.

<sup>(2)</sup> Cumulative Water Savings Program To Date totals are from a previous Water Use Efficiency Program Effort.

<sup>(3)</sup> Turf Removal Interventions are listed as square feet.

<sup>(4)</sup> Cumulative & annual water savings represents both active program savings and passive savings that continues to be realized due to plumbing code changes over time.

# HIGH EFFICIENCY CLOTHES WASHERS INSTALLED BY AGENCY

through MWDOC and Local Agency Conservation Programs

Agency	FY 12/13	FY13/14	FY14/15	FY15/16	FY16/17	FY17/18	FY18/19	Total	Current FY Water Savings Ac/Ft (Cumulative)	Cumulative Water Savings across all Fiscal Years	15 yr. Lifecycle Savings Ac/Ft
Brea	93	115	114	76	57	56	50	1,973	0.78	504.36	1,021
Buena Park	105	106	91	76	54	50	35	1,603	0.51	397.99	829
East Orange CWD RZ	10	8	8	8	3	1	5	198	0.07	53.89	102
El Toro WD	134	121	111	65	47	50	31	1,602	0.51	399.52	829
Fountain Valley	115	102	110	76	65	49	30	2,479	0.49	665.37	1,283
Garden Grove	190	162	165	251	127	87	56	3,706	0.97	949.08	1,918
Golden State WC	265	283	359	260	138	156	74	5,245	1.40	1,345.15	2,714
Huntington Beach	334	295	319	225	180	141	78	8,465	1.26	2,313.13	4,380
Irvine Ranch WD	1,763	1,664	1,882	1,521	1,373	1,203	753	26,622	12.24	6,429.38	13,775
La Habra	82	114	87	66	53	48	40	1,415	0.61	348.70	732
La Palma	34	25	34	29	10	14	7	479	0.11	120.52	248
Laguna Beach CWD	38	37	39	32	19	20	15	967	0.27	253.96	500
Mesa Water	114	86	89	113	80	54	34	2,606	0.59	708.80	1,348
Moulton Niguel WD	442	421	790	688	575	527	289	10,737	4.91	2,560.32	5,556
Newport Beach	116	92	95	66	61	51	37	2,712	0.67	750.74	1,403
Orange	218	163	160	124	80	74	50	4,022	0.84	1,102.38	2,081
San Juan Capistrano	76	73	92	63	33	33	19	1,511	0.27	392.64	782
San Clemente	140	94	141	75	70	85	57	2,762	0.93	711.60	1,429
Santa Margarita WD	553	662	792	466	367	274	179	9,969	3.05	2,479.69	5,158
Seal Beach	31	29	38	23	9	17	6	625	0.11	163.13	323
Serrano WD	13	10	26	8	11	8	1	366	0.01	100.08	189
South Coast WD	89	79	68	43	44	36	23	1,643	0.40	424.25	850
Trabuco Canyon WD	30	45	47	34	28	22	6	826	0.08	212.10	427
Tustin	78	59	80	66	44	49	27	1,688	0.45	448.59	873
Westminster	121	82	109	149	84	65	34	2,685	0.55	696.94	1,389
Yorba Linda	181	167	156	123	56	67	37	3,856	0.60	1,056.82	1,995
<b>MWDOC Totals</b>	<b>5,365</b>	<b>5,094</b>	<b>6,002</b>	<b>4,726</b>	<b>3,668</b>	<b>3,237</b>	<b>1,973</b>	<b>100,774</b>	<b>32.68</b>	<b>25,593.23</b>	<b>19,469</b>
Anaheim	331	285	295	266	213	173	102	10,957	1.66	3,040.95	5,669
Fullerton	200	186	211	165	107	99	93	3,887	1.71	1,001.64	2,011
Santa Ana	163	131	132	259	141	124	69	3,164	1.34	808.56	1,637
<b>Non-MWDOC Totals</b>	<b>694</b>	<b>602</b>	<b>638</b>	<b>690</b>	<b>461</b>	<b>396</b>	<b>264</b>	<b>18,008</b>	<b>4.71</b>	<b>4,851.15</b>	<b>3,479</b>
<b>Orange County Totals</b>	<b>6,059</b>	<b>5,696</b>	<b>6,640</b>	<b>5,416</b>	<b>4,129</b>	<b>3,633</b>	<b>2,237</b>	<b>118,782</b>	<b>37.39</b>	<b>30,444.38</b>	<b>22,948</b>

**SMART TIMERS INSTALLED BY AGENCY**  
through MWDOC and Local Agency Conservation Programs

Agency	FY 12/13		FY 13/14		FY 14/15		FY 15/16		FY16/17		FY17/18		FY18/19		Total Program		Cumulative Water Savings across all Fiscal Years
	Res	Comm	Res	Comm	Res	Comm	Res	Comm	Res	Comm	Res	Comm	Res	Comm	Res	Comm.	
Brea	9	8	4	0	43	6	20	4	31	4	32	0	29	0	192	80	585.35
Buena Park	3	0	0	0	4	10	7	4	10	7	15	3	16	7	62	51	186.72
East Orange CWD RZ	2	0	0	0	2	0	1	0	11	1	6	0	1	0	32	1	26.86
El Toro WD	7	2	11	0	8	9	9	17	33	8	29	4	27	0	171	359	2,729.70
Fountain Valley	3	2	4	0	7	10	13	1	33	12	28	12	31	4	150	56	232.40
Garden Grove	5	2	9	0	10	14	13	11	28	0	27	2	33	3	161	43	211.61
Golden State WC	9	49	9	25	39	12	35	16	56	37	88	6	66	15	379	213	980.18
Huntington Beach	18	33	20	35	19	2	42	12	88	94	70	30	92	65	434	363	1,348.19
Irvine Ranch WD	414	135	71	59	67	310	239	207	344	420	416	78	340	105	2,525	2,469	13,162.63
La Habra	4	7	2	0	4	7	3	1	12	7	8	0	18	3	62	47	237.72
La Palma	1	0	2	0	2	0	3	2	1	0	5	0	3	0	18	2	8.38
Laguna Beach CWD	76	2	71	0	86	0	86	1	27	0	11	0	5	0	513	20	272.59
Mesa Water	10	2	15	2	17	28	36	12	149	41	49	0	28	55	395	209	894.01
Moulton Niguel WD	51	74	40	45	46	95	163	100	236	129	284	33	293	64	1,491	898	4,280.63
Newport Beach	242	26	168	75	11	9	28	43	30	12	24	0	19	0	1,081	409	2,941.42
Orange	20	24	13	9	18	31	51	13	69	10	61	13	84	26	430	204	1,095.57
San Juan Capistrano	14	18	6	11	6	19	20	8	22	8	23	5	19	0	264	130	746.29
San Clemente	26	7	28	2	28	24	26	3	37	13	38	41	35	0	1,124	415	3,015.67
Santa Margarita WD	53	171	64	93	53	321	189	136	326	221	273	220	200	37	1,627	1,629	6,936.47
Seal Beach	1	0	1	36	1	12	2	2,446	2	4	5	0	4	31	16	2,533	6,825.34
Serrano WD	1	0	0	0	4	0	11	2	4	0	8	0	10	0	56	2	18.26
South Coast WD	13	16	8	4	104	73	9	11	7	0	15	2	7	7	300	221	1,312.17
Trabuco Canyon WD	6	0	2	0	6	1	16	50	13	3	20	0	28	0	151	157	1,063.63
Tustin	8	4	9	1	18	14	33	8	33	23	27	1	31	0	201	81	404.72
Westminster	1	1	2	0	13	17	7	1	17	12	22	0	19	0	106	44	232.49
Yorba Linda	20	0	12	5	32	2	61	27	72	71	68	10	65	4	471	197	990.43
<b>MWDOC Totals</b>	<b>1,017</b>	<b>583</b>	<b>571</b>	<b>402</b>	<b>648</b>	<b>1,026</b>	<b>1,123</b>	<b>3,136</b>	<b>1,691</b>	<b>1,137</b>	<b>1,652</b>	<b>460</b>	<b>1,503</b>	<b>426</b>	<b>12,412</b>	<b>10,833</b>	<b>50,739.42</b>

Anaheim	19	10	9	26	7	52	30	34	87	10	66	0	120	73	430	530	2,981.41
Fullerton	9	29	8	0	40	26	32	12	53	7	45	0	65	0	309	199	1,083.63
Santa Ana	8	19	7	8	9	27	22	26	15	3	16	0	20	20	118	120	423.47
<b>Non-MWDOC Totals</b>	<b>36</b>	<b>58</b>	<b>24</b>	<b>34</b>	<b>56</b>	<b>105</b>	<b>84</b>	<b>72</b>	<b>155</b>	<b>20</b>	<b>127</b>	<b>0</b>	<b>205</b>	<b>93</b>	<b>857</b>	<b>849</b>	<b>4,488.51</b>
<b>Orange County Totals</b>	<b>1,053</b>	<b>641</b>	<b>595</b>	<b>436</b>	<b>704</b>	<b>1,131</b>	<b>1,207</b>	<b>3,208</b>	<b>1,846</b>	<b>1,157</b>	<b>1,779</b>	<b>460</b>	<b>1,708</b>	<b>519</b>	<b>13,269</b>	<b>11,682</b>	<b>55,228</b>



**ROTATING NOZZLES INSTALLED BY AGENCY**  
through MWDOC and Local Agency Conservation Programs

Agency	FY 13/14			FY 14/15			FY 15/16			FY 16/17			FY 17/18			FY 18/19			Total Program			Cumulative Water Savings across all Fiscal Years
	Small		Large	Small		Large	Small		Large	Small		Large	Small		Large	Small		Large	Small		Large	
	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	
Brea	84	0	0	157	45	0	74	2,484	0	0	0	0	0	0	0	0	0	0	572	2,749	0	62.74
Buena Park	53	0	0	248	0	0	45	98	0	0	0	0	0	0	0	0	0	0	509	173	2,535	904.56
East Orange	30	0	0	221	0	0	0	0	0	0	0	0	30	0	0	0	0	0	781	0	0	22.41
El Toro	56	3,288	0	1,741	28,714	0	730	4,457	0	55	242	0	36	0	0	0	0	0	3,405	46,222	890	1,421.25
Fountain Valley	0	0	0	107	0	0	222	0	0	0	0	0	85	0	0	0	283	0	795	283	0	21.86
Garden Grove	80	0	0	88	50	0	110	0	0	55	98	0	52	0	0	0	0	0	985	299	0	37.86
Golden State	192	0	0	583	1,741	0	1,088	0	0	207	6,008	0	161	-495	0	35	259	0	3,644	11,080	0	299.31
Huntington Beach	120	0	0	798	1,419	0	1,345	2,836	0	149	3,362	0	-37	0	0	0	0	0	3,760	12,526	2,681	1,469.75
Irvine Ranch	11,010	4,257	0	1,421	632	0	1,989	5,047	0	335	9,511	0	356	-215	0	0	0	0	47,558	94,346	2,004	5,382.04
La Habra	15	0	0	109	338	0	300	0	0	0	0	0	0	0	0	0	0	0	481	1,236	900	404.34
La Palma	0	0	0	0	0	0	46	505	0	0	2,385	0	33	0	0	0	0	0	89	2,890	0	38.12
Laguna Beach	2,948	878	0	2,879	1,971	0	1,390	0	0	0	0	0	0	0	0	0	0	0	12,139	2,896	0	361.30
Mesa Water	361	0	0	229	0	0	166	0	0	113	0	0	36	0	0	0	0	0	2,066	385	343	217.09
Moulton Niguel	361	227	0	1,596	4,587	0	5,492	1,441	0	153	5,872	0	893	0	0	677	38	0	13,444	20,553	2,945	1,930.99
Newport Beach	19,349	6,835	0	460	3,857	0	348	670	0	0	0	0	45	0	0	0	0	0	46,723	21,413	0	1,856.70
Orange	245	120	0	304	668	0	631	91	0	0	0	0	0	0	0	0	0	0	3,170	1,072	0	126.21
San Juan Capistrano	370	0	0	495	737	0	310	593	0	75	123	0	59	0	0	40	1,400	0	5,594	10,252	0	509.09
San Clemente	415	5,074	0	326	0	0	426	0	0	0	0	0	146	0	0	0	0	0	10,135	7,538	1,343	917.84
Santa Margarita	389	0	0	1,207	1,513	0	1,820	837	0	15	0	0	224	0	0	0	0	0	16,389	6,921	611	939.44
Seal Beach	0	0	0	40	5,261	0	0	2,300	0	0	0	0	0	0	0	0	0	0	155	7,852	0	159.45
Serrano	105	0	0	377	0	0	695	0	0	0	0	0	0	0	0	0	0	0	3,405	0	0	106.90
South Coast	70	0	0	4,993	13,717	0	1,421	2,889	0	16	0	0	0	0	0	0	0	0	8,130	18,870	0	580.71
Trabuco Canyon	0	0	0	56	0	0	130	0	0	0	4,339	0	0	0	0	0	0	0	2,086	5,130	0	160.44
Tustin	329	0	0	408	0	0	317	386	0	65	-341	0	30	0	0	47	0	0	3,448	1,058	0	138.85
Westminster	0	0	0	54	0	0	73	0	0	105	0	0	50	0	0	42	0	0	556	0	0	13.41
Yorba Linda	40	990	0	921	0	0	1,715	0	0	213	0	0	0	0	0	34	0	0	6,115	4,359	500	519.44
<b>MWDOC Totals</b>	<b>36,622</b>	<b>21,669</b>	<b>0</b>	<b>19,818</b>	<b>65,250</b>	<b>0</b>	<b>20,883</b>	<b>24,634</b>	<b>0</b>	<b>1,556</b>	<b>31,599</b>	<b>0</b>	<b>2,199</b>	<b>-710</b>	<b>0</b>	<b>875</b>	<b>1,980</b>	<b>0</b>	<b>196,134</b>	<b>280,103</b>	<b>14,752</b>	<b>18,602.08</b>

Anaheim	338	0	0	498	712	0	794	5,221	0	147	3,953	0	0	0	0	0	0	0	4,020	49,799	105	1,569.31
Fullerton	107	0	0	684	1,196	0	521	7,015	0	65	3,034	0	0	0	0	140	0	0	3,050	11,309	1,484	778.09
Santa Ana	86	2,533	0	310	0	0	0	1,420	0	0	1,106	0	0	0	0	0	0	0	859	5,752	0	150.90
<b>Non-MWDOC Totals</b>	<b>531</b>	<b>2,533</b>	<b>0</b>	<b>1,492</b>	<b>1,908</b>	<b>0</b>	<b>1,315</b>	<b>13,656</b>	<b>0</b>	<b>212</b>	<b>8,093</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>7,929</b>	<b>66,860</b>	<b>1,589</b>	<b>2,498.29</b>

<b>Orange County Totals</b>	<b>37,153</b>	<b>24,202</b>	<b>0</b>	<b>21,310</b>	<b>67,158</b>	<b>0</b>	<b>22,198</b>	<b>38,290</b>	<b>0</b>	<b>1,768</b>	<b>39,692</b>	<b>0</b>	<b>2,199</b>	<b>-710</b>	<b>0</b>	<b>1,015</b>	<b>1,980</b>	<b>0</b>	<b>204,063</b>	<b>346,963</b>	<b>16,341</b>	<b>21,100.37</b>
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**COMMERCIAL PLUMBING FIXTURES INSTALLED BY AGENCY<sup>[1]</sup>**  
**through MWDOC and Local Agency Conservation Programs**

Agency	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Totals	Cumulative Water Savings across all Fiscal Years
Brea	234	0	10	91	734	242	0	1,607	586
Buena Park	5	23	56	591	133	49	0	2,538	1,363
East Orange CWD RZ	0	0	0	0	0	0	0	0	0
El Toro WD	0	212	6	268	35	737	717	2,516	750
Fountain Valley	0	0	1	249	0	895	0	1,767	755
Garden Grove	4	1	167	676	410	0	0	2,451	1,805
Golden State WC	0	1	0	1,008	53	93	0	2,958	2,278
Huntington Beach	104	144	7	783	641	10	208	3,172	1,946
Irvine Ranch WD	1,090	451	725	11,100	5,958	1,599	1,000	30,465	9,816
La Habra	0	0	0	340	42	0	0	925	664
La Palma	0	0	0	0	509	0	0	675	159
Laguna Beach CWD	0	27	0	0	0	0	0	446	373
Mesa Water	6	0	79	661	782	0	110	4,364	2,549
Moulton Niguel WD	0	0	3	413	281	506	4,392	6,175	1,194
Newport Beach	0	0	566	0	0	0	1,596	3,430	1,609
Orange	1	271	81	275	2,851	458	532	6,020	2,284
San Juan Capistrano	0	14	0	0	0	0	0	260	457
San Clemente	0	0	1	0	0	0	0	432	444
Santa Margarita WD	0	0	2	90	743	598	699	2,247	376
Seal Beach	0	0	0	0	184	278	0	816	519
Serrano WD	0	0	0	0	0	0	0	0	0
South Coast WD	148	0	382	0	0	0	0	1,320	646
Trabuco Canyon WD	0	0	0	0	0	0	0	11	18
Tustin	0	0	75	358	212	2	408	1,812	1,020
Westminster	1	28	0	146	177	25	0	1,163	1,191
Yorba Linda	1	0	0	226	84	338	0	933	684
<b>MWDOC Totals</b>	<b>1,594</b>	<b>1,172</b>	<b>2,161</b>	<b>17,275</b>	<b>13,829</b>	<b>5,830</b>	<b>9,662</b>	<b>78,503</b>	<b>33,485</b>
Anaheim	165	342	463	3,072	309	1,808	685	16,246	8,494
Fullerton	94	0	178	476	621	274	372	3,424	2,029
Santa Ana	16	17	5	1,293	238	582	0	6,319	5,637
<b>Non-MWDOC Totals</b>	<b>275</b>	<b>359</b>	<b>646</b>	<b>4,841</b>	<b>1,168</b>	<b>2,664</b>	<b>1,057</b>	<b>25,989</b>	<b>16,160</b>
<b>Orange County Totals</b>	<b>1,869</b>	<b>1,531</b>	<b>2,807</b>	<b>22,116</b>	<b>14,997</b>	<b>8,494</b>	<b>10,719</b>	<b>104,492</b>	<b>49,644</b>

[1] Retrofit devices include ULF Toilets and Urinals, High Efficiency Toilets and Urinals, Multi-Family and Multi-Family 4-Liter HETs, Zero Water Urinals, High Efficiency Clothes Washers, Cooling Tower Conductivity Controllers, Ph Cooling Tower Conductivity Controllers, Flush Valve Retrofit Kits, Pre-rinse Spray heads, Hospital X-Ray Processor Recirculating Systems, Steam Sterilizers, Food Steamers, Water Pressurized Brooms, Laminar Flow Restrictors, and Ice Making Machines.

# INDUSTRIAL PROCESS/WATER SAVINGS INCENTIVE PROGRAM

## Number of Projects by Agency

Agency	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Overall Program Interventions	Annual Water Savings[1]	Cumulative Water Savings across all Fiscal Years[1]
Brea	0	0	0	0	0	0	0	0	0	0	0
Buena Park	0	0	0	0	1	0	0	0	2	54	559
East Orange	0	0	0	0	0	0	0	0	0	0	0
El Toro	0	0	0	0	0	0	0	1	1	9	6
Fountain Valley	0	0	0	0	0	1	0	0	1	23	50
Garden Grove	0	0	0	0	1	0	0	0	1	0	1
Golden State	0	0	0	0	0	0	0	0	1	3	33
Huntington Beach	0	2	0	1	2	0	1	0	6	180	761
Irvine Ranch	1	1	1	0	2	1	1	1	11	236	771
La Habra	0	0	0	0	1	0	0	0	1	0	1
La Palma	0	0	0	0	0	0	0	0	0	0	0
Laguna Beach	0	0	0	0	0	0	0	0	0	0	0
Mesa Water	0	0	0	0	0	0	0	0	0	0	0
Moulton Niguel	0	0	0	0	0	0	0	0	0	0	0
Newport Beach	0	0	0	1	0	0	0	0	1	21	94
Orange	0	0	0	0	1	2	1	0	5	97	602
San Juan Capistrano	0	0	0	0	0	0	0	0	0	0	0
San Clemente	0	0	0	0	0	0	0	0	0	0	0
Santa Margarita	0	0	0	0	0	0	0	0	0	0	0
Seal Beach	0	0	0	0	0	0	0	0	0	0	0
Serrano	0	0	0	0	0	0	0	0	0	0	0
South Coast	0	0	0	0	1	1	0	0	2	134	291
Trabuco Canyon	0	0	0	0	0	0	0	0	0	0	0
Tustin	0	0	0	0	0	0	0	0	0	0	0
Westminster	0	0	0	0	0	0	0	1	1	0	0
Yorba Linda	0	0	0	0	0	0	0	1	1	20	13
<b>MWDOC Totals</b>	1	3	1	2	9	5	3	4	34	778	3182
Anaheim	0	0	0	0	0	0	0	0	0	0	0
Fullerton	0	0	0	0	0	0	0	0	0	0	0
Santa Ana	0	0	0	0	1	0	0	0	1	135	507
<b>OC Totals</b>	1	3	1	2	10	5	3	4	35	913	3689

[1] Acre feet of savings determined during a one year monitoring period.

If monitoring data is not available, the savings estimated in agreement is used.



**TURF REMOVAL BY AGENCY<sup>[1]</sup>**  
through MWDOC and Local Agency Conservation Programs

Agency	FY 13/14		FY 14/15		FY 15/16		FY 16/17		FY 17/18		FY 18/19		Total Program		Cumulative Water Savings across all Fiscal Years
	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	
Brea	5,697	0	71,981	30,617	118,930	404,411	8,354	479	9,853	27,234	3,180	44,733	228,997	516,940	412.33
Buena Park	0	0	11,670	1,626	77,127	16,490	3,741	0	4,586	0	1,230	0	98,354	18,116	64.76
East Orange	1,964	0	18,312	0	27,844	0	0	0	0	0	0	0	48,120	0	30.06
El Toro	4,582	0	27,046	221,612	63,546	162,548	13,139	48,019	7,273	42,510	11,120	9,895	136,109	557,302	428.22
Fountain Valley	4,252	0	45,583	5,279	65,232	0	3,679	0	8,631	0	5,764	28,700	135,123	41,503	93.99
Garden Grove	8,274	0	67,701	22,000	177,408	49,226	11,504	0	4,487	0	0	0	287,921	117,403	281.06
Golden State	32,725	8,424	164,507	190,738	310,264	112,937	0	0	0	0	0	48,595	581,902	394,867	643.73
Huntington Beach	20,642	0	165,600	58,942	305,420	270,303	9,560	21,534	14,236	6,032	7,937	40,135	561,045	461,872	634.85
Irvine Ranch	36,584	76,400	234,905	317,999	782,844	2,675,629	231,483	46,725	86,893	61,037	54,754	203,014	1,472,220	3,427,648	2,708.99
La Habra	0	0	14,014	1,818	49,691	72,164	0	0	3,003	0	1,504	0	68,212	90,019	99.42
La Palma	0	0	4,884	0	10,257	59,760	0	0	0	0	0	0	15,141	59,760	42.63
Laguna Beach	4,586	226	13,647	46,850	47,614	0	3,059	0	589	0	0	0	75,670	48,788	82.86
Mesa Water	22,246	0	131,675	33,620	220,815	106,896	4,173	77,033	17,373	77,785	3,023	0	416,749	295,334	397.12
Moulton Niguel	14,739	40,741	314,250	1,612,845	889,748	1,059,279	220,749	0	98,271	0	98,172	0	1,652,906	2,840,054	2,771.41
Newport Beach	894	0	33,995	65,277	76,675	375,404	2,924	0	5,938	6,499	0	90,403	127,428	539,929	350.41
Orange	11,244	0	120,093	281,402	289,990	106,487	12,847	2,366	11,956	0	12,151	1,798	487,203	400,776	562.90
San Clemente	18,471	13,908	90,349	1,137	215,249	438,963	4,267	0	33,083	7,098	6,500	0	405,483	474,271	524.26
San Juan Capistrano	12,106	0	101,195	32,366	197,290	143,315	2,624	40,748	0	0	0	0	365,415	347,277	509.68
Santa Margarita	17,778	48,180	211,198	514,198	534,048	550,420	17,010	28,094	62,706	25,000	24,121	23,198	883,459	1,217,651	1,269.52
Seal Beach	0	0	15,178	504	17,349	15,911	1,234	0	752	0	0	0	38,124	16,415	33.87
Serrano	2,971	0	41,247	0	127,877	4,403	5,450	0	555	0	4,000	0	182,100	4,403	108.45
South Coast	15,162	116,719	84,282	191,853	181,102	128,290	14,967	0	13,319	7,806	5,990	0	331,057	465,387	532.10
Trabuco Canyon	2,651	0	14,771	0	42,510	88,272	1,465	0	4,788	0	1,536	0	69,535	110,712	111.78
Tustin	1,410	0	71,285	14,137	232,697	33,362	11,173	0	16,926	0	13,189	6,894	356,660	54,393	231.99
Westminster	0	0	14,040	34,631	71,833	23,902	11,112	0	10,033	0	5,924	0	112,942	58,533	95.98
Yorba Linda	0	0	112,136	12,702	360,279	116,985	19,420	0	9,529	3,696	12,590	12,020	525,303	145,403	384.25
<b>MWDOC Totals</b>	<b>238,978</b>	<b>304,598</b>	<b>2,195,544</b>	<b>3,692,153</b>	<b>5,493,639</b>	<b>7,015,357</b>	<b>613,934</b>	<b>264,998</b>	<b>424,780</b>	<b>264,697</b>	<b>272,685</b>	<b>509,385</b>	<b>9,663,178</b>	<b>12,704,756</b>	<b>13,406.61</b>

Anaheim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Fullerton	0	9,214	0	0	0	0	0	0	0	0	0	0	0	9,214	7.74
Santa Ana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
<b>Non-MWDOC Totals</b>	<b>0</b>	<b>9,214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,214</b>	<b>7.74</b>

<b>Orange County Totals</b>	<b>238,978</b>	<b>313,812</b>	<b>2,195,544</b>	<b>3,692,153</b>	<b>5,493,639</b>	<b>7,015,357</b>	<b>613,934</b>	<b>264,998</b>	<b>424,780</b>	<b>264,697</b>	<b>272,685</b>	<b>509,385</b>	<b>9,663,178</b>	<b>12,713,970</b>	<b>13,414</b>
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[1] Installed device numbers are listed as square feet

# **HIGH EFFICIENCY TOILETS (HETs) INSTALLED BY AGENCY**

through MWDOC and Local Agency Conservation Programs

Agency	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	Total	Cumulative Water Savings across all Fiscal Years
Brea	0	38	146	154	4	6	1	457	116.36
Buena Park	0	96	153	112	13	3	0	687	215.26
East Orange CWD RZ	0	13	26	24	0	0	0	86	24.09
El Toro WD	133	218	869	264	12	6	8	2,051	611.79
Fountain Valley	0	41	132	220	7	9	1	833	278.76
Garden Grove	0	63	350	363	7	4	4	1,492	475.04
Golden State WC	2	142	794	512	9	11	2	2,803	877.57
Huntington Beach	0	163	1,190	628	4	3	4	2,908	822.16
Irvine Ranch WD	1,449	810	1,777	2,798	638	239	128	17,276	6,029.17
Laguna Beach CWD	0	45	112	81	1	4	0	392	118.10
La Habra	0	37	94	83	5	1	0	591	215.86
La Palma	0	21	59	52	4	2	3	227	66.14
Mesa Water	0	147	162	162	7	3	3	1,624	650.22
Moulton Niguel WD	0	400	2,497	1,939	49	40	18	5,748	1,345.08
Newport Beach	0	49	168	243	11	6	0	731	208.28
Orange	1	142	978	416	17	10	5	2,194	609.02
San Juan Capistrano	0	35	140	202	3	9	4	536	139.93
San Clemente	0	72	225	246	11	6	10	888	256.29
Santa Margarita WD	0	528	997	1,152	114	34	5	3,348	794.11
Seal Beach	2	17	50	69	-1	0	0	857	421.72
Serrano WD	0	2	40	55	3	0	3	124	28.81
South Coast WD	64	102	398	235	11	7	0	1,028	266.55
Trabuco Canyon WD	0	10	108	169	2	3	2	344	77.50
Tustin	0	64	132	201	12	10	4	1,520	589.95
Westminster	0	35	161	359	3	4	0	1,335	460.36
Yorba Linda WD	0	40	280	379	12	8	2	1,261	388.78
<b>MWDOC Totals</b>	1,651	3,330	12,038	11,118	958	428	207	51,341	16,086.90

Anaheim	0	156	1,188	614	70	19	5	5,889	2,193.20
Fullerton	0	61	293	286	14	9	5	1,069	314.13
Santa Ana	0	33	602	293	20	0	1	2,022	687.58
<b>Non-MWDOC Totals</b>	0	250	2,083	1,193	104	28	11	8,980	3,194.91

<b>Orange County Totals</b>	<b>1,651</b>	<b>3,580</b>	<b>14,121</b>	<b>12,311</b>	<b>1,062</b>	<b>456</b>	<b>218</b>	<b>60,321</b>	<b>19,281.81</b>
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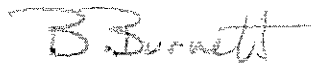
**NOTICE OF CANCELLATION**  
**OF THE**  
**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**  
**REGULAR MEETING OF THE**  
**FINANCE COMMITTEE MEETING**  
**June 4, 2019**  
**10:30 a.m.**

NOTICE IS HEREBY GIVEN that the Regular Meeting of the South Orange County Wastewater Authority Finance Committee scheduled to be held on **June 4, 2019, at 10:30 a.m.** at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California ***has been canceled.***

I hereby certify that the foregoing Notice was personally e-mailed, faxed or mailed to each member of the Finance Committee.

I hereby certify that the foregoing Notice was posted at the usual agenda posting location of the South Orange County Wastewater Authority (SOCWA) and at [www.socwa.com](http://www.socwa.com).

Dated this 30<sup>th</sup> day of May 2019.



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Betty C. Burnett, General Manager/Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY



I hereby certify that the following Agenda was posted at least 72 hours prior to the time of the Board Meeting so noticed below, at the usual agenda posting location of the South Orange County Wastewater Authority [SOCWA] and at [www.socwa.com](http://www.socwa.com).

  
Betty Burnett, General Manager  
SOCWA and the Board of Directors thereof

## **AGENDA**

### *Regular Meeting of The South Orange County Wastewater Authority Board of Directors*

June 6, 2019  
8:30 a.m.

THE BOARD OF DIRECTORS MEETING ROOM IS LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA. THE ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY-RELATED ACCOMMODATIONS (I.E., ACCESS TO AN AMPLIFIED SOUND SYSTEM, ETC.), PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY'S OFFICE AT 949-234-5421 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. THIS AGENDA CAN BE OBTAINED IN AN ALTERNATE FORMAT UPON WRITTEN REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY OFFICE, 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE BOARD OF DIRECTORS, EXCEPT THAT, IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE BOARD OF DIRECTORS MEETING ROOM.

1. CALL MEETING TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ORAL COMMUNICATIONS

- A. Members of the public may address the board regarding an item on the agenda or may reserve this opportunity during the meeting at the time item is discussed by the board. There will be a three-minute limit for public comments.

4. CONSENT CALENDAR

A. Minutes of Board of Directors Meeting(s)

Board of Directors Meeting May 16, 2019..... 1

ACTION      The Board will be requested to approve subject Minutes.

**AGENDA**  
South Orange County Wastewater Authority  
Board of Directors Meeting  
June 6, 2019

**B. Financial Matters**

1) Monthly Financials Report for April 2019 .....	8
a) Summary of Disbursements for April 2019 (Exhibit A) .....	9
b) Schedule of Funds Available for Reinvestment (Exhibit B) .....	10
➤ Local Agency Investment Fund (LAIF) .....	11
c) Schedule of Cash and Investments (Exhibit C) .....	12
d) Capital Schedule (Exhibit D) .....	13
➤ Capital Projects – Graph (Exhibit D-1).....	14
e) Budget vs. Actual Expenses:	
➤ Operations and Environmental Summary (Exhibit E-1).....	15
➤ Operations and Environmental by PC (E-1.2).....	17
➤ Residual Engineering, after transfer to Capital (Exhibit E-2).....	23
➤ Administration (Exhibit E-3).....	24
➤ Information Technology (IT) (Exhibit E-4) .....	25

ACTION      Finance Committee recommends to the Board of Directors to ratify the April 2019 disbursements for the period from April 1, 2019, through April 30, 2019, totaling \$2,076,414, and to receive and file the April 2019 Financial Reports as submitted.

2) Minutes of Finance Committee Meeting(s)

a) Finance Committee Meeting April 23, 2019.....	26
b) Finance Committee Meeting March 26, 2019.....	41

ACTION      The Board will be requested to receive and file subject Minutes.

**D. Operational Reports**

1) Monthly Operations Report – April 2019 .....	45
2) Ocean Outfall Discharges .....	55
3) Beach/Ocean Monitoring Report.....	57
4) Recycled Water Report.....	81
5) Pretreatment Report .....	85

ACTION      The Board will be requested to receive and file the *April 2019 Operations Report*.

**E. Capital Improvement Program**

1) Status Report(s) .....	88
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ACTION      The Board will be requested to receive and file subject reports.

**AGENDA**  
South Orange County Wastewater Authority  
Board of Directors Meeting  
June 6, 2019

F. Project Committee No. 15

- 1) Change Order – Hazen & Sawyer Design Services Contract [PC15] ..... 104

ACTION      The Engineering Committee recommends that the Project Committee No. 15 Board of Directors approve Change Orders 8 through 11 and 15 through 18 to the design services contract with Hazen and Sawyer for the Coastal Treatment Plant Facility Improvements Project.

- 2) Change Order – SS Mechanical Construction Contract [PC15]..... 108

ACTION      The Engineering Committee recommends that the Project Committee No. 15 Board of Directors approve Change Orders 3 and 4 to the construction contract with SS Mechanical Construction for the Coastal Treatment Plant Tertiary System Upgrades Project.

3) Minutes of Project Committee No. 15 Meeting(s)

- a) Project Committee No. 15 April 25, 2019 ..... 111
- b) Project Committee No. 15 April 2, 2019 ..... 113
- c) Project Committee No. 15 March 18, 2019..... 115
- d) Project Committee No. 15 March 6, 2019 ..... 116
- e) Project Committee No. 15 March 1, 2019 ..... 119

ACTION      The Board will be requested to receive and file subject Minutes.

5. ENGINEERING MATTERS

A. Project Committee No. 5

- 1) Contract Amendment for Engineering Services [PC 5]..... 121

ACTION      The Project Committee No. 5 Board will be requested to approve the contract amendment for engineering services for Black & Veatch at a fee of not to exceed \$98,400.

- 2) Award of Environmental Services Contract [PC 5] ..... 125

ACTION      The Project Committee No. 5 Board will be requested to approve the contract amendment for engineering services for Dudek at a fee not to exceed \$135,870.

**AGENDA**  
South Orange County Wastewater Authority  
Board of Directors Meeting  
June 6, 2019

**B. Project Committee No. 15**

- 1) Award of a Construction Contract to PCL Construction [PC 15]..... 132

ACTION      The Project Committee No. 15 Board will be requested to approve the Facilities Improvement Project as described herein, and approve the award of construction contract to PCL Construction at a price not to exceed \$9,209,000.

- 2) Award of Engineering Services during Construction [PC 15]..... 154

ACTION      The Project Committee No. 15 Board will be requested to approve the award of the engineering services during construction contract to Hazen and Sawyer at a fee not to exceed \$490,484.

**C. Project Committee(s) No. 2 and 15**

- 1) Award of Construction Management Services Contract [PC 2 & 15]..... 158

ACTION      The Project Committee No. 2 and 15 Board will be requested to approve the award of the construction management contract to Butier Engineering for the J. B. Latham Treatment Plant Package "B" Improvements and the Coastal Treatment Plant Facility Improvements Projects at a price not to exceed \$1,708,015.

**6. GENERAL MANAGER'S REPORTS**

- A. Investment Policy for Public Funds Annual Review..... 172**

ACTION      Finance Committee recommends the Board of Directors receive and file subject report indicating there is no change to the SOCWA Investment Policy based on the annual review.

- B. Quarterly Update Cash Roll Forward (Q3, 2019) ..... 181**

ACTION      a) Additional Committee comments and recommendations to the Board.  
b) Board of Directors to receive and file the Q3, March 31, 2019, Report.  
c) Board to approve issuing refunds for Large Capital, PC-15 Use Audit and Additional Cash as of June 30, 2018.



**AGENDA**  
South Orange County Wastewater Authority  
Board of Directors Meeting  
June 6, 2019

C. Project Committee No. 17

- 1) Regional Treatment Plant AT&T Underground Conduit Repair Project ..... 208

ACTION      Ratify expenditure and receive and file report.

D. Agenda Preparation Software / Audio Visual Hardware ..... 210

ACTION      Staff recommends the Board to 1) Receive a report from the Finance Committee as to its discussion of the item; and, 2) authorize the General Manager to acquire a limited software/hardware system to increase quality and improve efficiency in agenda/meeting/documentation functions at SOCWA.

E. Project Committee(s) No. 2, 5, and 15

- 1) New or Used Heavy Equipment Purchases ..... 217

ACTION      Staff recommends that the Board of Directors: 1) Authorize the General Manager to purchase two (2) heavy equipment vehicles, as described above, each not to exceed \$95,000; and, 2) The General Manager to report the final purchase prices and PC cost distributions to the Board of Directors upon completion.

F. General Manager's Status Report ..... 219

ACTION      Information item.

G. Monthly Progress Report on State Audit Recommendations ..... 222

ACTION      Information item.

H. Report of the Nominating Committee - Election of Officers ..... 226

ACTION      The Board will be requested to elect/appoint Officers to serve the Authority during FY 2019/20.

7. CLOSED SESSION

A. Closed Session Pursuant to Government Code Section 54957.6 Conference with Labor Negotiators

SOCWA Designated Representatives:    Betty Burnett, General Manager;  
   Brad Neufeld Labor Counsel

Employee Organization:    SOCWA Employee Association

**AGENDA**  
South Orange County Wastewater Authority  
Board of Directors Meeting  
June 6, 2019

**OTHER MATTERS**

A. Open discussion or items received too late to be agendized.

Note: Determine the need to take action on the following item(s) introduced by the General Manager which arose subsequent to the agenda being posted.

[Adoption of this action requires a two-thirds vote of the Board, or if less than two-thirds are present a unanimous vote.]

**ADJOURNMENT**

THE NEXT SOCWA BOARD MEETING

A SPECIAL MEETING TO CONSIDER BUDGET FY2019-20 APPROVAL ON JUNE 20, 2019 AT 10:30 A.M.

STAFF PROPOSES CANCELING THE JULY BOARD OF DIRECTORS MEETING DUE TO  
ANTICIPATED LIGHT AGENDA

**NOTICE OF REGULAR MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**

**Engineering Committee**

**June 13, 2019**

**8:30 a.m.**

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee has been scheduled to be held on June 13, 2019, at 8:30 a.m. at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

**THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS (I.E., ACCESS TO AN AMPLIFIED SOUND SYSTEM, ETC.) PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5421 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON WRITTEN REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING.**

**AGENDA EXHIBITS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY OFFICE, 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN 72 HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE ENGINEERING COMMITTEE MEMBERS, EXCEPT THAT, IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE ENGINEERING COMMITTEE MEETING ROOM.**

**AGENDA**

- 1. Call Meeting to Order**
- 2. Public Comments**

**PERSONS WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON MATTERS NOT LISTED ON THE AGENDA MAY DO SO AT THIS TIME. "REQUEST TO BE HEARD" FORMS ARE AVAILABLE AT THE ENTRANCE TO THE BOARD ROOM. COMMENTS ARE LIMITED TO THREE (3) MINUTES UNLESS FURTHER TIME IS GRANTED BY THE PRESIDING OFFICER. SUBMIT FORM TO THE CLERK OF THE BOARD PRIOR TO THE BEGINNING OF THE MEETING.**

**THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA SHOULD SUBMIT A "REQUEST TO BE HEARD" FORM TO THE CLERK OF THE BOARD BEFORE THE PRESIDING OFFICER ANNOUNCES THAT AGENDA ITEM. YOUR NAME WILL BE CALLED TO SPEAK AT THAT TIME.**

## **NOTICE OF ENGINEERING COMMITTEE MEETING**

June 13, 2019

Page 2 of 2

3. **Review/Approval of Meeting Minutes (March, April, May 2019)**
4. **Operations Report**
5. **Aliso Creek Buried Utility and Roadway Protection Project  
(Project Committees No. 15 and 21)**
6. **Coastal Treatment Plant AWT Upgrade Project Status Report  
(Project Committee No. 15)**
7. **J. B. Latham Treatment Plant, Plant 1 Grit Basin Rehabilitation Project Status Report  
(Project Committee No. 2)**
8. **J. B. Latham Treatment Plant Draft Ten Year Plan Review  
(Project Committee No. 2)**

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 72 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 72 hours prior to the time of the above-referenced Engineering Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 6th day of June 2019.



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Betty C. Burnett, General Manager/Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY



**NOTICE OF SPECIAL MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY  
BOARD OF DIRECTORS**

**June 20, 2019  
10:30 a.m.**

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Board of Directors has been called by the Chairman to be held on **June 20, 2019 at 10:30 a.m.** at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

*THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS (I.E., ACCESS TO AN AMPLIFIED SOUND SYSTEM, ETC.), PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5421 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON WRITTEN REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING.*

*AGENDA EXHIBITS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY OFFICE, 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN TWENTY-FOUR (24) PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE BOARD OF DIRECTORS, EXCEPT THAT, IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE BOARD OF DIRECTORS MEETING ROOM.*

**AGENDA**

- A. Call Meeting to Order**
- B. Pledge of Allegiance**
- C. Public Comments**

*THOSE WISHING TO ADDRESS THE BOARD ON ANY ITEM LISTED ON THE AGENDA SHOULD SUBMIT A "REQUEST TO BE HEARD" FORM TO THE CLERK OF THE BOARD BEFORE THE PRESIDING OFFICER ANNOUNCES THAT AGENDA ITEM. YOUR NAME WILL BE CALLED TO SPEAK AT THAT TIME.*

- D. Approval of Minutes**

- 1. Board Budget Workshop Meeting Minutes for May 23, 2019

**ACTION:** The Board will be requested to approve Minutes as submitted

**E. Financial Reports for the month of May 2019 (these documents will be provided separately on Monday, June 17th)**

The reports included are as follows:

- Summary of Disbursements for May 2019 (Exhibit A)
- Schedule of Funds Available for Reinvestment (Exhibit B)
  - Local Agency Investment Fund (LAIF)
- Schedule of Cash and Investments (Exhibit C)
- Capital Project Summaries (Exhibit D)
  - Capital Projects – Graph (Exhibit -D1)
- Budget vs. Actual Expenses:
  - O&M Environmental Safety Costs Summary (Exhibit E-1)
  - O&M Environmental Safety Costs by PC (Exhibit E-1.2)
  - Residual Engineering, After Transfer to Capital (Exhibit E-2)
  - Administration (Exhibit E-3)
  - Information Technology (Exhibit E-4)

**ACTION:** Board of Directors to ratify the May 2019 disbursements for the period from May 1, 2019, through May 30, 2019, and to receive and file the May 2019 Financial Reports as submitted.

**F. Approval of FY2019-20 Budget**

As needed, the General Counsel will cover the vote requirements for each area at the meeting immediately prior to the motion and vote on each item.

**ACTION:** The Finance Committee recommends that the Board of Directors consider the Budget as proposed.

The FY 2019-20 Budget includes, General Fund Expenses, Operating Expenses and Capital Expenditures as proposed.

**1. General Fund Budget**

Approval of the FY 2019/20 General Fund Budget. Approval of the General Fund Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

**2. Project Committee Operating Budgets**

- a. Approval of the FY 2019-20 Administration Budget (inclusive of project committee administration expenses, residual engineering and IT) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- b. Approval of the Project Committee (“PC”) 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety and IT) as proposed and PC 2 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- c. Approval of the Project Committee (“PC”) 17 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety and IT) and PC 17 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital) and authorize the General Manager

## NOTICE OF SPECIAL MEETING – BOARD OF DIRECTORS

June 20, 2019

Page 3 of 4

- to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- d. Approval of the Project Committee (“PC”) 15 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety and IT) and PC 15 Capital Expenditures Budget (inclusive of large capital, non-capital engineering and small capital) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
  - e. Approval of the Project Committee (“PC”) 5 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety and IT) and PC 5 Capital Expenditures Budget (inclusive of large capital and non-capital engineering) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
  - f. Approval of the Project Committee (“PC”) 24 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety and IT) and PC 24 Capital Expenditures Budget (inclusive of large capital and non-capital engineering) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
  - g. Approval of the Project Committee (“PC”) 21 (ETM) Operations and Maintenance Budget and PC 21 Capital Expenditures Budget (inclusive of large capital and non-capital engineering) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
  - h. Approval of the Project Committee (“PC”) 8 (Pretreatment) Operations and Maintenance Budget (inclusive of Environmental Compliance and Safety) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
  - i. Approval of the Project Committee (“PC”) 2SO (PC12) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety and IT) and authorize the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action. Authorization includes the redistribution of the costs of PC 2SO (PC 12) among the member agencies to exclude El Toro Water District and Irvine Ranch Water District); the Board approves the allocation of expenses with approval of the Budget.
  - j. The Board directs the staff to prepare and distribute a final printed budget consistent with any additional changes presented and approved at the June 20, 2019 meeting.

### **G. CLOSED SESSION**

1. Closed Session Pursuant to Government Code Section 54957.6 Conference with Labor Negotiators

SOCWA Designated Representatives:

Betty Burnett, General Manager;  
Brad Neufeld Labor Counsel

Employee Organization: SOCWA Employee Association

## NOTICE OF SPECIAL MEETING – BOARD OF DIRECTORS

June 20, 2019

Page 4 of 4

### H. PC 15 and PC 21 meeting scheduled: July 11th to discuss engineering items

**ACTION:** Information Only; No Action needed.

### I. OTHER MATTERS

1. Open discussion or items received too late to be agendized.

Note: Determine the need to take action on the following item(s) introduced by the General Manager which arose subsequent to the agenda being posted.

[Adoption of this action requires a two-thirds vote of the Board, or if less than two-thirds are present an unanimous vote.]

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Board of Directors at least 24 hours prior to the scheduled time of the Special Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 24 hours prior to the time of the above-referenced Board of Directors at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 12<sup>th</sup> day of June 2019.



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Betty C. Burnett, General Manager/Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY



**MINUTES OF SPECIAL MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY  
Board Budget Workshop**

**May 23, 2019**

The Special Meeting of the South Orange County Wastewater Authority (SOCWA) Board Budget Workshop Meeting was held on May 23, 2019, at 8:30 a.m. at their Administrative Offices located at 34156 Del Obispo Street, Dana Point, California. The following members of the Board Budget Workshop were present:

ROB GRANTHAM	Santa Margarita Water District	Alternate Director
RICK SHINTAKU	South Coast Water District	Alternate Director
TONI ISEMAN	City of Laguna Beach	Director (exited 9:52 a.m.)
RAY MILLER	City of San Juan Capistrano	Alternate Director
DENNIS CAFFERTY	El Toro Water District	Alternate Director
MATT COLLINGS	Moulton Niguel Water District	Alternate Director
DAVE REBENDSOLF	City of San Clemente	Director (arrived 8:38 a.m.)
MICHAEL PEREA	Trabuco Canyon Water District	Alternate Director

**Absent:**

DOUG REINHART	Irvine Ranch Water District
MIKE DUNBAR	Emerald Bay Service District

**Staff Present:**

BETTY BURNETT	General Manager
MARY CAREY	Finance Controller
JIM BURROR	Director of Operations
BRIAN PECK	Director of Engineering
AMBER BAYLOR	Director of Environmental Compliance
JASON MANNING	Senior Engineer
KONSTANTIN SHILKOV	Senior Accountant
NADYN KIM	Accountant
JEANETTE COTINOLA	Procurement & Contracts Administrator
DANITA HIRSH	Administrative Assistant

**Also Present:**

ADRIANNA OCHOA	Procopio Law Firm
NEELY SHAHBAKTI	El Toro Water District
EILEEN LIN	Irvine Ranch Water District
TREVOR AGRELIUS	Moulton Niguel Water District
PAMELA ARENDS-KING	South Coast Water District
MARC SERNA	South Coast Water District
DAVID SHISSLER	City of Laguna Beach (arrived 9:47 a.m.)

**1. Call Meeting to Order**

Alternate Director Dennis Cafferty called the meeting to order at 8:34 a.m.

**2. Pledge of Allegiance – Director Collings**

**3. Public Comments** – None

**4. Budget Workshop – Review of Proposed SOCWA FY 2019-20 Total Operating Budget**

**A. Update on Finance Committee Review**

Ms. Burnett stated there were many discussions and some feedback received from the Finance Committee, member agency Finance Officers, and staff prior to this meeting. She stated that Ms. Carey would provide a general update on the refunds for closed Large Capital projects, PC-15 Use Audit, and additional cash.

Ms. Carey reported the PC-15 settlement checks were mailed on 5-22-19, to the participating member agencies. She reported on the refunds for the Closed Large Capital projects, PC-15 Use Audit, and additional cash which would be distributed pending Board of Director's approval at the June 6, 2019 meeting.

**B. Budget Overview & Key Assumptions**

Ms. Burnett went over the draft budget materials, including the types of PowerPoint presentations that would be presented to the Board of Directors during the Budget Workshop. She stated there were minor corrections made to the budget since distributing relating to PC-5 and PC-24 fixed costs, as well as other minor revisions. There were open discussions throughout the presentations.

Alternate Director David Shissler arrived at 9:47 a.m. and replaced Director Iseman when she exited the meeting at 9:52 a.m.

Mr. Peck gave a presentation to the Board on the Capital Improvements. Mr. Peck reported the proposed Large Capital project improvements budget for FY 2019-20 and FY 2020-21. An open discussion ensued throughout the presentation.

Mr. Burror gave a presentation to the Board on the O&M and Small Capital improvement projects. He discussed equipment and facility current condition and needs for improvement. He gave a brief comparison of the distinction between Large vs. Small Capital, and highlights from the Managed Maintenance Program. An open discussion ensued.

Ms. Burnett completed the Budget presentation by reporting on the administrative expenses/detail, cost distribution, organization chart, projected legal expenditures, and residual Engineering comparisons from FY2018-19 to FY2019-20.

Mr. Collings stated for the record, "I believe the representation of administrative cost is in disagreement with the Joint Powers Authority (JPA). The JPA refers to the General Budget as the Administration Expenses of the Authority; the O&M portion of it refers to incidental costs. Having any percentage of the administrative costs broken out as O&M Allocations seems disconnected with what the intent within the JPA agreement states. The million dollars or so to administer the cost for PC 2 doesn't seem incidental and the Joint Powers Authority Agreement refers to incidental costs. I think there's a disconnect there. For the past 12 years, we have not supported representation of administrative costs and wanted to make sure that was understood."

Director Collings requested additional detail information on what comprised the Management Support budget and membership and training costs referenced on page 49. He requested additional detail on what comprised the IT Professional Services Budget and Telecommunications Budget referenced on page 52. He stated that it was his belief that ETWD and IRWD had not officially left PC 12 and he didn't think it was correct to represent them as no longer participating since there had not been an amendment to the agreement appropriating that distinction. He also noted that he was okay with not including them in the budget referenced on page 61.

Ms. Burnett responded that a note would be added to reflect that.

Director Rebensdorf stated on Budget Updates referenced on slide 6b, regarding the \$145,000 for the Bacteria Study, the City of San Clemente would be interested in helping to fund the effort as well as Irvine Ranch and that San Clemente would fund anywhere between \$5,000-\$10,000.

Alternate Director Cafferty stated this was not an action item, and that staff had been given all the comments, and direction to incorporate to prepare the final budget for Board consideration.

## **5. Adjournment**

There being no further business, Alternate Director Dennis Cafferty adjourned the meeting at 11:00 a.m.

I HEREBY CERTIFY that the foregoing Minutes are a true and accurate copy of the Minutes of the Special Meeting of the South Orange County Wastewater Authority Board Budget Workshop of May 23, 2019 and approved by the Board Budget Workshop and received and filed by the Board of Directors of the South Orange County Wastewater Authority.

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Betty Burnett, General Manager/Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

Jointly with the  
**PLANNING & OPERATIONS COMMITTEE**

June 3, 2019, 8:30 a.m.

Board Room

**P&O Committee:**

Director Yoo Schneider, Chair  
Director Tamaribuchi  
Director Dick

Staff: R. Hunter, K. Seckel, J. Berg,  
H. De La Torre, K. Davanaugh

Ex Officio Member: Director Barbre

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MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

**PUBLIC COMMENTS** - Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

**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>.

**ACTION ITEMS**

1. LANDSCAPE DESIGN AND MAINTENANCE ASSISTANCE PROGRAM

**DISCUSSION ITEM**

2. WEROC GIS DATA AND MAPPING UPDATE



**INFORMATION ITEMS** (The following items are for informational purposes only – background information is included in the packet. Discussion is not necessary unless a Director requests.)

3. STATUS REPORTS
  - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
  - b. WEROC
  - c. Water Use Efficiency Projects
4. 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

## **ADJOURNMENT**

**NOTE:** At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

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 telephoning 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.

SPECIAL MEETING OF THE  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
June 3, 2019, 2019, 9:00 a.m.  
(or immediately following the Planning & Operations  
Committee meeting which commences at 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 that all members of the public who want to address the Board complete a "Request to be Heard" form available from the Board Secretary prior to the meeting.

**1. APPOINT A DIRECTOR TO FILL THE UNEXPIRED TERM IN DIVISION 3 OR  
CALL AN ELECTION TO FILL THE VACANCY**

*Recommendation: Take action to (1) appoint a Director to fill Wayne S. Osborne's unexpired term as Director of Division 3, or (2) call an election to fill the vacancy pursuant to Government Code section 1780.*

**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.

WORKSHOP MEETING OF THE  
BOARD OF DIRECTORS WITH MET DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
June 5, 2019, 8:30 a.m.

**AGENDA**

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**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

**PUBLIC PARTICIPATION/COMMENTS**

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.

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

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

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

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

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

**(NEXT RESOLUTION NO. 2087)**

**PRESENTATION/DISCUSSION/INFORMATION ITEMS**

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

*Recommendation: Receive input and discuss the information.*

**2. WATER SUPPLY CONDITIONS UPDATE**

*Recommendation: Review and discuss the information presented.*

**3. PRESENTATION BY BRENT YAMASAKI REGARDING MET'S OPERATING PLAN FOR 2019 AND MET'S EMERGENCY DELIVERY CONCEPT**

*Recommendation: Review and discuss the information presented.*

**4. CALIFORNIA WATERFIX ACTIVITIES UPDATE**

*Recommendation: Review and discuss the information presented.*

**5. MET ITEMS CRITICAL TO ORANGE COUNTY** (The following items are for informational purposes only – a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director)

- 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 in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects
- f. South County Projects

*Recommendation: Discuss and provide input on information relative to the MET items of critical interest to Orange County.*

**6. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS**

- a. Summary regarding May Board Meeting
- b. Review items of significance for MET Board and Committee Agendas

*Recommendation: Review and discuss the information presented.*

**ADJOURNMENT**

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SPECIAL MEETING OF THE  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
June 5, 2019, 2019, 9:00 a.m.  
(or immediately following the Workshop Board meeting  
which commences at 8:30 a.m.)

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**AGENDA**

**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

**PUBLIC COMMENTS/PARTICIPATION**

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**1. APPOINT A DIRECTOR TO FILL THE UNEXPIRED TERM IN DIVISION 3 OR  
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*Recommendation: Take action to (1) appoint a Director to fill Wayne S. Osborne's unexpired term as Director of Division 3, or (2) call an election to fill the vacancy pursuant to Government Code section 1780.*

**ADJOURNMENT**

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

Jointly with the

**ADMINISTRATION & FINANCE COMMITTEE**

June 12, 2019, 8:30 a.m.

Conference Room 101

**A&F Committee:**

J. Thomas, Chair

J. Finnegan

R. McVicker

Staff: R. Hunter, K. Seckel, J. Berg,

H. De La Torre, K. Davanaugh

Ex Officio Member: Director Barbre

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**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

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**PROPOSED BOARD CONSENT CALENDAR ITEMS**

1. TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report – May 2019
  - b. Disbursement Approval Report for the month of June 2019
  - c. Disbursement Ratification Report for the month of May 2019
  - d. GM Approved Disbursement Report for the month of May 2019
  - e. Water Use Efficiency Projects Cash Flow – May 31, 2019
  - f. Consolidated Summary of Cash and Investment – April 2019
  - g. OPEB and Pension Trust Fund monthly statement
2. FINANCIAL REPORT – Combined Financial Statements and Budget Comparative for the Period ending April 30, 2019

**ACTION ITEMS**

3. AMENDMENTS TO ADMINISTRATIVE CODE SECTION 9500
4. 2019-20 PAY STRUCTURE ADJUSTMENT
5. AWARD CONTRACT FOR ELECTRICAL SYSTEM REHABILITATION PROJECT

**INFORMATION ITEMS** – (THE FOLLOWING ITEMS ARE FOR INFORMATIONAL PURPOSES ONLY – BACKGROUND INFORMATION IS INCLUDED IN THE PACKET. DISCUSSION IS NOT NECESSARY UNLESS REQUESTED BY A DIRECTOR.)

6. OFFICE BUILDING MARKET RESEARCH
7. SOLE SOURCE PROCUREMENT WITH ACCO ENGINEERED SERVICES
8. DEPARTMENT ACTIVITIES REPORTS
  - a. Administration
  - b. Finance and Information Technology
9. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

**OTHER ITEMS**

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

**ADJOURNMENT**

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MEETING OF THE  
BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PUBLIC AFFAIRS AND LEGISLATION COMMITTEE**  
June 17, 2019, 8:30 a.m.  
Conference Room 101

**Committee:**

Director Dick, Chair  
Director Thomas  
Director McVicker

Staff: R. Hunter, K. Seckel, H. Baez,  
D. Micalizzi, T. Dubuque, T. Baca

**Ex Officio Member:** Director Barbre

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**PUBLIC PARTICIPATION**

Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

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**DISCUSSION ITEMS**

1. LEGISLATIVE ACTIVITIES
  - a. Federal Legislative Report (Barker)
  - b. State Legislative Report (BBK)
  - c. County Legislative Report (Lewis)
  - d. Legal and Regulatory Report (Ackerman)
  - e. MWDOC Legislative Matrix
  - f. Metropolitan Legislative Matrix



**ACTION ITEMS**

2. SB 200 (MONNING) – SAFE AND AFFORDABLE DRINKING WATER FUND
3. AB 402 (QUIRK) – STATE WATER RESOURCES CONTROL BOARD: LOCAL PRIMARY AGENCIES, FUNDING STABILIZATION
4. H.R. 2313 (HUFFMAN) – WATER CONSERVATION REBATE TAX PARITY ACT
5. EXTENSION OF CONSULTING CONTRACT WITH ACKERMAN CONSULTING
6. ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) REGION 10 CALL FOR CANDIDATES
7. CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2019 BOARD OF DIRECTORS ELECTION – SOUTHERN NETWORK REGION, SEAT B
8. SPECIAL DISTRICT RISK MANAGEMENT AUTHORITY (SDRMA) BOARD OF DIRECTORS ELECTION 2010

**INFORMATION ITEMS** (THE FOLLOWING ITEMS ARE FOR INFORMATIONAL PURPOSES ONLY – BACKGROUND INFORMATION IS INCLUDED IN THE PACKET. DISCUSSION IS NOT NECESSARY UNLESS REQUESTED BY A DIRECTOR.)

9. SOLE SOURCE JUSTIFICATION PROCUREMENT FOR MELTWATER
10. SB 204 (DODD) STATE WATER PROJECT: CONTRACTS
11. 2019 OC WATER SUMMIT RECAP (MAY 31, 2019)
12. WYLAND MAYORS CHALLENGE 2019 WINNER AND POCKET PARK UPDATE
13. EDUCATION PROGRAM UPDATE
14. PUBLIC AFFAIRS ACTIVITIES REPORT

**OTHER ITEMS**

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

**ADJOURNMENT**

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REVISED

REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
June 19, 2019, 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.

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**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

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

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

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**EMPLOYEE SERVICE AWARDS**

**NEXT RESOLUTION NO. 2088**

**CONSENT CALENDAR (Items 1 to 8)**

(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. May 1, 2019 Workshop Board Meeting (Adjourned)
- b. May 15, 2019 Regular Board Meeting
- c. May 21, 2019 Special Board Meeting
- d. May 29, 2019 Special Board Meeting

*Recommendation: Approve as presented.*

**2. COMMITTEE MEETING REPORTS**

- a. Combined Planning & Operations Committee/Administration & Finance Committee Meeting: May 6, 2019
- b. Public Affairs & Legislation Committee Meeting: May 20, 2019
- c. Executive Committee Meeting: May 16, 2019

*Recommendation: Receive and file as presented.*

**3. TREASURER'S REPORTS**

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

*Recommendation: Ratify and approve as presented.*

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of April 30, 2019
- d. PARS Monthly Statement (OPEB Trust)
- e. Water Use Efficiency Projects Cash Flow

*Recommendation: Receive and file as presented.*

**4. FINANCIAL REPORT**

- a. Combined Financial Statements and Budget Comparative for the Period ending April 30, 2019

*Recommendation: Receive and file as presented.*

**5. LANDSCAPE DESIGN AND MAINTENANCE ASSISTANCE PROGRAM**

*Recommendation: Authorize the General Manager to enter into professional services agreements not to exceed \$160,000 with: (1) The Plant Nerd, Inc. and EcoTech Services to provide landscape design assistance; (2) The Plant Nerd, Inc. and TerraWorks Studio to provide landscape maintenance assistance; and (3) Other firms (to be determined) who demonstrate they are qualified to do the work and agree to a competitive fee structure.*

**6. AMENDMENTS TO ADMINISTRATIVE CODE SECTION 9500**

*Recommendation: Authorize staff to update the Administrative Code for Section 9500.*

**7. 2019-20 PAY STRUCTURE ADJUSTMENT**

*Recommendation: Approve the proposed Pay Structure Schedule, adjusting the District Salary Ranges by 3.8%, as approved during the budget process.*



**8. AWARD CONTRACT FOR ELECTRICAL SYSTEM REHABILITATION PROJECT**

*Recommendation:* Approve entering into the subject agreement for improvements to the MWDOC administration building electrical system: (1) Make a CEQA finding that the project is categorical exempt under: Class 1-Existing Facilities; (2) Award AVRAM Electric "MWDOC Electrical System Rehabilitation Project" construction contract in the amount of \$213,883.00; and (3) Authorize the General Manager to enter into a license agreement with OCWD to install and maintain underground electric utilities and related equipment on OCWD property, and pay OCWD a one-time license fee of \$1,148.00.

**End Consent Calendar**

**ACTION ITEMS**

**9-1 SB 200 (MONNING) – SAFE AND AFFORDABLE DRINKING WATER FUND**

*Recommendation:* Adopt a support position on SB 200 (Monning) the Safe and Affordable Drinking Water Fund.

**9-2 AB 402 (QUIRK) – STATE WATER RESOURCES CONTROL BOARD: LOCAL PRIMARY AGENCIES, FUNDING STABLIZATION**

*Recommendation:* Adopt an oppose unless amended position on AB 402 (Quirk), State Water Resources Control Board: local primary delegation: funding stabilization program.

**9-3 H.R. 2313 (HUFFMAN) – WATER CONSERVATION REBATE TAX PARITY ACT**

*Recommendation:* Adopt a support position on H.R. 2313 (Huffman).

**9-4 EXTENSION OF CONSULTING CONTRACT WITH ACKERMAN CONSULTING**

*Recommendation:* Consider extending the contract with Ackerman Consulting for specialized services.

**9-5 ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) REGION 10 CALL FOR CANDIDATES**

*Recommendation:* Determine if a member of the MWDOC Board of Directors would like to be nominated and run for the ACWA Region 10 Board of Directors.

**9-6 CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2019 BOARD OF DIRECTORS ELECTION – SOUTHERN NETWORK REGION, SEAT B**

*Recommendation: (1) Review and discuss the candidates running for the CSDA Board of Directors, Southern Network, Seat B; and (2) Authorize President Barbre, or his designee, to cast the District's ballot*

**9-7 SPECIAL DISTRICT RISK MANAGEMENT AUTHORITY (SDRMA) BOARD OF DIRECTORS ELECTION 2020**

*Recommendation: Review the candidates and authorize President Barbre, or his designee, to cast the District's ballot for the SDRMA Board of Directors election.*

**9-8 AB 1752 (PETRIE-NORRIS): DOHENY DESALINATION FACILITY**

*Recommendation: Adopt a Support position on AB 1752.*

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

**10. GENERAL MANAGER'S REPORT, JUNE 2019 (ORAL AND WRITTEN)**

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

**11. 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 SESSIONS**

**12. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water District of Southern California on April 13, 2010, et al., former Los Angeles Superior Court, Case No. BS 126888, transferred on October 21, 2010, to San Francisco Superior Court, Case No. CPF-10-510830. [On Remand from Court of Appeal Case No. A146901]

**13. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water District of Southern California on April 10, 2012 to be Effective January 1, 2013 and January 1, 2014; and Does 1-10, et al., former Los Angeles Superior Court, Case No. BS137830, transferred on August 23, 2012, to San

Francisco Superior Court, Case No. CPF-12-512466. [On Remand from Court of Appeal Case No. A148266]

**14. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water of Southern California on April 8, 2014, et al., former Los Angeles Superior Court, Case No. BC547139, transferred on December 2, 2014, to San Francisco Superior Court, Case No. CPF-14-514004.

**15. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water District of Southern California on April 12, 2016, effective January 1, 2017 and January 1, 2018, et al., former Los Angeles Superior Court, Case No. BS161729, transferred to San Francisco Superior Court, Case CPF-16-515282.

**16. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water District of Southern California in 2017 to be effective January 1, 2018, et al., Los Angeles Superior Court, Case No. BS 169881, transferred to San Francisco Superior Court Case CGC-17-563350.

**17. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water District of Southern California on April 10, 2018 to be effective January 1, 2019, and Jan. 1, 2020, et al., Los Angeles Superior Court, Case No. BS 173868, Transferred to San Francisco Superior Court, Case CPF-18-516389.

**18. CONFERENCE WITH LEGAL COUNSEL—ANTICIPATED LITIGATION**

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9: (One case)

**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.

## GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES June 2019

### MWDOC Agencies Managers Meeting

The May meeting was cancelled.

**Next meeting will tentatively be held June 20, 2019.**

### Meetings

- Karl Seckel participated in a joint Vital Link/Santiago Canyon College Career Day aimed at linking students taking water courses with potential employers/mentors to provide job search and interviewing skills. Vital Link is a non-profit organization dedicated to preparing students for their future careers through experiential learning opportunities. This is the second year MWDOC participated. About 7 of our member agencies or other local agencies participated with about 30 students taking part in the half-day event.
- Karl Seckel participated in the May San Juan Basin Authority meeting. The bulk of the discussions centered on the 2019 Adaptive Pumping Management (APM) Plan and how basin operations occur in the two basin zones, the Stonehill Management Zone and the Inland Management Zone, divided by the recently investigated bedrock high area. Further monitoring of flows through the bedrock high area are part of the monitoring for the 2019 APM Plan.
- Charles Busslinger participated, as a member of the South OC Watershed Management Area Prop 1 ad-hoc committee, in an inter-regional coordination meeting on May 16, 2019 of the Tri-County Funding Area Coordinating Committee (Tri-FACC) for the San Diego IRWM funding area. The three entities discussed coordination of their actions relating to upcoming Prop 1, Round 1 IRWM grant funding.

## MET ITEMS CRITICAL TO ORANGE COUNTY

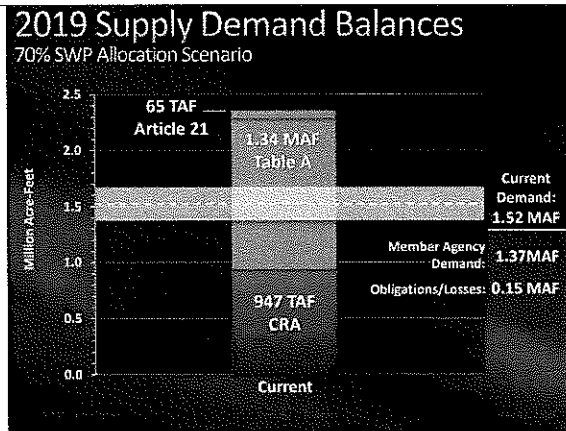
### MET's Water Supply Conditions

In comparison to last month, with the same Table A (1.34 MAF) and CRA (947 MAF) amounts, Article 21 water increased from 60 to 65 TAF resulting in a total supply of just under 2.4 MAF. The obligations and losses increased from 0.13 to 0.15 TAF, and the Member Agency Demand decreased from 1.44 to 1.37 TAF, resulting in an overall current demand of 1.52 MAF, which is slightly less than last month's projection of 1.57 MAF.

Metropolitan continues to take actions to maximize storage of available supplies and anticipates a net storage gain in 2019, with a possible record storage balance going into 2020.

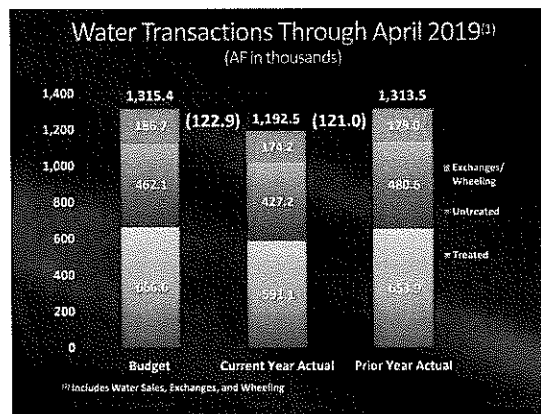


### MET's Water Supply Conditions - continued



### MET's Finance and Rate Issues

Water transactions through April were 122.9 TAF (9.3%) lower than budget and 3.1 TAF higher than the 5-year average. Since January water transactions have been trending below budget as a result of the wet winter. This is \$124.2 million less than the budget and \$85.9 million less than water revenues through April of last year. The annual water transactions were adjusted at the end of the third quarter to 1.46 MAF, it is anticipated that transactions will remain on target.



### Colorado River Issues

#### Federal Legislation Authorizing Drought Contingency Plan Implementation Passes Congress

The seven Colorado River Basin States sent a letter to Congress on March 19, 2019, asking for adoption of federal legislation that would direct the Secretary of the Department of Interior to sign and implement without delay four agreements related to the Upper and Lower Basin Drought Contingency Plans (DCP). On March 27, 2019 the Water and Power Subcommittee of the Senate Natural Resources Committee held an oversight hearing on the DCP. This hearing was followed the next day by the Water, Oceans and Wildlife Subcommittee of the House Natural Resources Committee's oversight hearing on the DCP. On April 10, 2019 the House and Senate passed identical bills authorizing the DCP. The House version was approved by the Senate on April 11 and signed by the President on April 16. It is anticipated that the Secretary of the Interior will sign the DCP during May, and it would become effective after that event.

<b>Colorado River Issues - continued</b>	<p><b><u>Imperial Irrigation District Files CEQA Petition Against Metropolitan</u></b></p> <p>On April 16, the same day that the President signed the federal DCP legislation into law, the Imperial Irrigation District (IID) filed a petition for writ of mandate under the California Environmental Quality Act (CEQA) in California Superior Court in Los Angeles County against Metropolitan seeking to block implementation of the Lower Basin DCP. Specifically, IID asks the Court to vacate Metropolitan's December 2018 and March 2019 approvals of the Lower Basin DCP, suspend any actions related to furtherance of the Lower Basin DCP until Metropolitan has "complied with all requirements of CEQA and all other applicable laws," and seeks an injunction restraining Metropolitan from taking any action in furtherance of the Lower Basin DCP "pending full compliance with CEQA." The petition was served on Metropolitan on April 22, 2019, after which Metropolitan has sixty days to respond to the petition and provide information related to the administrative record.</p> <p><b><u>U.S. Bureau of Reclamation Issues April 24-Month Study</u></b></p> <p>Based on predictions of the most probable inflow into Lake Powell, the Bureau of Reclamation's releases from Lake Powell to Lake Mead will shift to balancing releases during the remainder of water year 2019. This operation is consistent with the Upper Elevation Balancing Tier. Total releases from Lake Powell will increase from the previously planned 8.23 MAF, and will most likely reach the maximum 9 MAF total release, depending on actual reservoir elevations during the remainder of the year. As a result, there is essentially no risk of shortages in the Colorado River Basin for 2020. The Bureau of Reclamation's April 24-Month Study Most Probable Inflow Scenario predicts similar releases will be made in 2020.</p>
<b>Bay Delta/State Water Project Issues</b>	<p><b><u>California EcoRestore</u></b></p> <p>California EcoRestore was launched in 2015 by the California Natural Resources Agency to accelerate the restoration of 30,000 acres of habitat across the Delta by 2020. The initiative's primary focus is coordinating state-led habitat restoration projects to accelerate on-the-ground results. In 2018, five restoration projects broke ground, which will create new tidal wetlands, establish new riparian upland habitats and address fish passage barriers. Many more restoration projects are in the planning phase.</p> <p>In an effort to communicate EcoRestore accomplishments, the Natural Resources Agency released a video on April 17 highlighting the benefits of the EcoRestore projects. The video includes speakers from state agencies and stakeholders. Alison Collins, Senior Resource Specialist in Bay-Delta Initiatives, is one of the speakers in the video.</p> <p>The video can be found at the following link:  <a href="http://resources.ca.gov/ecorestore/2019/04/ecorestore-restoring-californias-great-estuary-videoreleased/">http://resources.ca.gov/ecorestore/2019/04/ecorestore-restoring-californias-great-estuary-videoreleased/</a>.</p>

**South  
Orange  
County  
Projects**

**SMWD Trampas Canyon Recycled Water Reservoir**

Trampas Canyon Reservoir and Dam (Trampas Reservoir) is a seasonal recycled water storage reservoir, with a total capacity of 5,000 AF, of which 2,500 AF is available to meet Santa Margarita Water District's projected base recycled water demands, and 2,500 AF to meet future water supply needs. When completed, the Trampas Reservoir will allow SMWD to store recycled water in the winter and draw on that water during the peak summer months.

The construction of the Trampas Canyon Recycled Water Seasonal Storage Reservoir consists of three main components:

- 1) Trampas Canyon Dam (Dam)
- 2) Conveyance facilities to transport recycled water into and out of the Reservoir (Pipelines)
- 3) Trampas Canyon Pump Station (Pump Station)

The construction of the facilities is being completed in three phases:

- 1) Preconstruction/Site Preparation for the Dam and Pump Station Construction
- 2) Dam and Pipelines
- 3) Pump Station

**PROJECT STATUS**

**Preconstruction/Site Preparation**

Complete

**Dam and Pipelines**

The Construction Contract was awarded in December 2017 and is approximately 42% complete.

**Pump Station**

The 90% design of this facility was submitted by AECOM on May 20th for District review and approval. The project will likely be available to start the construction bidding process in August 2019. Completion of the construction is expected to be in June 2020, about 2 months ahead of the Reservoir and Dam completion.

**San Juan Watershed Project**

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:

- Steelhead trout migration including the provisions of fish passages
- Impacts on San Juan Creek Lagoon
- Aesthetics and impacts of the various structures that may be required as part of the project on the surrounding neighborhoods
- Sediment transport

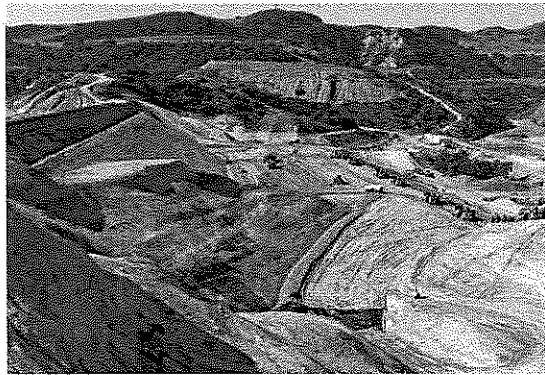
The Draft Environmental Impact Report for the Project has been completed and public comments received. Some of these comments required additional technical analysis to be performed. This work has been completed and the final document is being reviewed by legal counsel for conformance to CEQA requirements. An

**South  
Orange  
County  
Projects -  
continued**

informational update on the project is scheduled for the June 2019 SMWD Board meeting.

**Other Information on South County Projects:**

If any agencies would like to have updates included herein on any projects within your service area, please email the updates to Karl Seckel at [kseckel@mwdoc.com](mailto:kseckel@mwdoc.com).



*Main Dam: Scrapers Hauling in Embankment Fill*

## ENGINEERING & PLANNING

**South  
Orange  
County  
Emergency  
Service  
Program**

MWDOC, IRWD, and Dudek have completed the initial draft study to determine if the existing IRWD South Orange County Interconnection capacity for providing emergency water to South Orange County can be expanded and/or extended beyond its current time horizon of 2030.

A meeting was held on April 11, 2019 with IRWD and South OC agencies to discuss the findings of the draft Planning Level Reliability Alternatives Analysis Report and set follow-up actions agreed to by the group.

This is a starting point of a discussion on cost-sharing facilities and operations that will ultimately involve negotiations directly between SOC Agencies and IRWD. These discussions could also involve discussions and negotiations between SOC and other groundwater producers as well.

One of the summary conclusions of the study is that there are options available to secure emergency supplies for the SOC agencies either:

- From IRWD without using the EOCF#2 or
- From IRWD, or other groundwater producers, by using the EOCF#2.

**Follow-up Recommendations**

1. It was noted that one of the operational improvements that would help IRWD get more water to SOC would be to add Variable Frequency Drives (VFD's) on the pumps at the Zone 1 pump station and the costs appear reasonable to do so. Dudek and IRWD staff met on May 6, 2019 to determine the scope of work for these improvements and will be bringing their findings back to the full group soon.



<b>South Orange County Emergency Service Program - continued</b>	<p>2. The ability of the SOC agencies to handle variable flows was also discussed. MWDOC suggested that a working group comprised of MWDOC, Dudek, MNWD and SCWD get together to discuss the operational issues associated with variable flows and report back to the main group. A meeting is being scheduled in June 2019 for the workgroup to discuss details.</p> <p>3. Agencies were asked to think about next steps and a follow-up meeting is being scheduled in June 2019 to get back with the full group</p>																		
<b>Strand Ranch Project</b>	<p>MWDOC is using the modeling from the Orange County Reliability Study to evaluate how “extraordinary supplies” from the Strand Ranch Project can be utilized by the MWDOC agencies to provide drought protection over the next 7 to 11 years or longer. MWDOC’s initial response to the IRWD proposal was transmitted to IRWD staff for review and comments. The MWDOC response did not have explicit proposal changes but suggested areas for follow-up by IRWD. Staff anticipates it will take a month or so for IRWD to review, analyze and provide a reaction and response to MWDOC. Staff believes that entering into an arrangement with IRWD to have the ability to call on the extraordinary supplies on an “as-needed” basis could prove to be beneficial, if the terms and conditions can be worked out.</p>																		
<b>MET Evaluation of Regional Storage Portfolio (ERSP)</b>	<p>MET’s emergency water storage objective is based on the potential for major earthquake damage to the State Water Project and Colorado River aqueducts that transport imported water supplies to Southern California (following a San Andreas M7.8 ‘Great ShakeOut’ scenario event developed by the US Geological Survey).</p> <p>MWDOC staff participated in 4 Member Agency Workgroup sessions to provide input on updating MET’s emergency storage objective.</p> <p>MET staff presented an update to the evaluation of emergency storage criteria at the May 13, 2019 Water Planning and Stewardship Committee, which included a presentation and a White Paper attachment.</p> <div><p><b>We updated the emergency criteria</b></p><table><tr><th></th><th>Current</th><th>Draft Recommendation</th></tr><tr><td>Outage Period</td><td>• 6 months</td><td>• 6 months: CRA, EB • 12 months: WB, LAA</td></tr><tr><td>Retail demand Cutback</td><td>• 25%</td><td>• Range: 25% to 35%</td></tr><tr><td>Local Supply Production</td><td>• 100% MAS reported in IRP</td><td>• Range: 80% to 100%</td></tr><tr><td>Emergency Storage Capacity in Existing Reservoirs</td><td>• DWR and Metropolitan surface reservoir</td><td>• Follow-up: Spatial and System Analysis</td></tr><tr><td colspan="2">CRA-Colorado River Aqueduct EB-East Branch State Water Project WB-West Branch State Water</td><td>Periodic Update of Emergency Storage</td></tr></table></div> <p>The MET staff recommendation is to increase MET’s emergency storage objective from 630,000 AF to 750,000 AF (19% increase) and to periodically revisit the objective. MET staff is currently reviewing and incorporating feedback to finalize the White Paper and then beginning a similar type of evaluation for dry year storage.</p>		Current	Draft Recommendation	Outage Period	• 6 months	• 6 months: CRA, EB • 12 months: WB, LAA	Retail demand Cutback	• 25%	• Range: 25% to 35%	Local Supply Production	• 100% MAS reported in IRP	• Range: 80% to 100%	Emergency Storage Capacity in Existing Reservoirs	• DWR and Metropolitan surface reservoir	• Follow-up: Spatial and System Analysis	CRA-Colorado River Aqueduct EB-East Branch State Water Project WB-West Branch State Water		Periodic Update of Emergency Storage
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CRA-Colorado River Aqueduct EB-East Branch State Water Project WB-West Branch State Water		Periodic Update of Emergency Storage																	

<b>Poseidon Resources</b>	<p>Poseidon continues to work with the Santa Ana Regional Water Quality Control Board (SARWQCB) on renewal of the NPDES Permit for the HB Desalination Project. Prior to issuing the permit, the Regional Board must make a determination that the project uses 'the best available site, design, technology (with a strong preference for sub-surface intakes), and mitigation measures feasible' as required by the Ocean Plan Amendment.</p> <p>The Regional Board schedule for the permit is:</p> <p>Draft Permit                      July 2019, followed by a 30-day comment period.</p> <p>Public Workshop                August 2, 2019</p> <p>Board Hearing                    October 25, 2019</p> <p>Assuming success, Poseidon would then seek a permit from the California Coastal Commission. The next meeting of the Santa Ana Regional Water Quality Control Board was held on June 14 and an anticipated Poseidon update is expected for the agenda.</p>
<b>SMWD Rubber Dams Project (San Juan Watershed Project)</b>	<p>SMWD has completed the necessary technical studies and will be issuing the response to comments on the Draft Environmental Impact Report (DEIR) soon and hope to be in front of their Board in June 2019.</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 and the EIR public comment period closed on August 6, 2018. Consultant GHD has finished the additional technical studies needed to address the comments received. South Coast WD anticipates bringing the Final EIR to their Board for certification in late June 2019.</p> <p>South Coast WD staff 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'. South Coast has been notified that they are in line to receive \$8.3 M in funding. Even though the federal funds for these grants were appropriated in prior years, under the 2016 WIIN Act, the law requires that the E&amp;W Appropriations Subcommittee list the projects for which the Secretary of Interior intends to award grants. Congressman Levin is acting as the lead office on this request in the House.</p>

<b>Water Quality and Other Integration Issues for Water Supply Projects in OC</b>	The MWDOC Board authorized staff to award contracts to both Hazen Sawyer and Black & Veatch to conduct review into existing research for integration of water supply projects into existing water systems. MWDOC is interested in anticipating issues associated with integrating water with various qualities. The pH, alkalinity, TOC, bromide, chloramine residual, and other water quality characteristics may vary among these water sources on a daily, monthly and seasonal basis. Planning needs to account for the water quality and operational considerations or risk unintended consequences. Our goal is to understand the issues prior to any of these projects going on-line. Both consultants provided their initial drafts to staff for comments. The final papers are anticipated to be released in June along with recommendations made by both consultants.
<b>Phase 1 – Investigation Phase for a Hydraulic Model</b>	MWDOC has initiated the Phase 1 “Investigation Phase” to develop a specification and recommendations for development of a hydraulic model of the regional pipeline system in OC, including water quality modules. The Investigation Phase includes developing scopes of work required for successful model implementation and recommendations on software selection. Key aspects of the Investigative Phase include meetings with our agencies and MET water quality staff.

## EMERGENCY PREPAREDNESS

<b>Coordination with WEROC Member Agencies</b>	<p>Ongoing: WEROC, with Michael 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 Hazard Mitigation Plan was approved by California Office of Emergency Services (CalOES). Staff received “required revisions” from FEMA (very common for a first submittal) and is working with participating agencies to provide the additional information requested both during a working lunch and through emails. A major area of concern in FEMA’s review is their initial refusal to recognize our city partners within this plan. This issue was identified in the 2012 update and we believe that we met the expectations that were communicated to us at that time. Kelly Hubbard is working with the city participants, the consultant, CalOES and FEMA to resolve this issue. The plan with revisions and a letter addressing FEMA’s concern with the City Departments was resubmitted to FEMA on May 1, 2019.</p> <p>Ongoing: Kelly launched an effort to facilitate a joint RFP and contract with participating WEROC member agencies to address the new requirements of the America’s Water Infrastructure Act (AWIA). On October 23, 2018, Congress signed into law the American Water Infrastructure Act (AWIA) (S.3021, Law 115-270). Per Section 2013 of Title II, the AWIA requires utilities to conduct a Risk and Resilience Assessment (RRA) of their community water systems and develop a corresponding Emergency Response Plan (ERP). March 31, 2020 for systems serving population of 100,000 or more. New actions: The RFP was posted to the MWDOC website and shared via LinkedIn and multiple social media websites on May 15, 2019. There is a mandatory pre-meeting on June 4<sup>th</sup> and Proposals are due by June 13<sup>th</sup> at 4:00pm. Participating Agencies have been asked to start gathering the documents needed for the first step of the process, which is to complete a compliance crosswalk.</p>
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<b>Coordination with WEROC Member Agencies – continued</b>	<p>The WEROC Quarterly Coordination meeting was held on May 2. The meeting covered updates on various planning efforts, legislation impacting emergency management, a five-year training and exercise discussion, and a review of the draft AWIA RFP.</p> <p>Janine Schunk arranged for a thank you lunch for the operations crews from El Toro Water District. These crews assist WEROC staff on a regular basis with maintenance and generator support at the WEROC South EOC.</p> <p>Kelly met with both Moulton Niguel Water District and Orange County Water District on separate occasions to provide information and review of emergency planning efforts.</p>
<b>Training and Programs</b>	<p>Kelly participated in a planning conference call with EPA to facilitate an EPA hosted tabletop exercise in August. The exercise scenario will be focused on a power outage.</p> <p>Kelly with support from Bryan Lopez, City of Santa Ana Water Division, hosted the Orange County Water Association (OCWA) 11<sup>th</sup> Annual Safety Fest. Approximately 100 staff from OC water and wastewater utilities attended this full day of training which includes contact hours.</p>
<b>Coordination with the County of Orange</b>	<p>Kelly attended the May OCEMO meeting in Newport Beach. She provided a presentation on Lessons Learned for Joint Information Management from the Camp Fire. Delcie Hynes of Orange County Social Services Agency also presented on Lessons Learned regarding Shelter Response during the Camp Fire.</p> <p>Kelly attended the OC Urban Area Working Group meeting on May 8 which allocates and approves grant funding within OC. She spoke with several individuals on the Working Group to build support for potential future projects for water and wastewater agencies.</p> <p>Kelly attended the OC Operational Area Executive Board on May 8 as the voting representative of ISDOC. Of significance was an update on a request for a Presidential Declaration for the February 14, 2019 flood event. OC was turned down for the Presidential, but will receive CA Disaster Assistance funding for eligible expenses. Several WEROC agencies had significant damages and will be eligible for reimbursement. Additionally, the Executive Board and OC Emergency Management Council approved the joint body to be the new approval body for the County's newly formed OA Alert &amp; Warning Advisory Committee.</p> <p>Ongoing: OC OA Alert and Warning Working Group is a new committee to develop county-wide public Alert and Warning policies, procedures and tools such as request and approval forms. This will be a 6 month planning effort.</p>
<b>EOC Readiness</b>	<p>Janine participated in the OA and MET radio tests and WebEOC tests. She also facilitated the WEROC monthly radio test.</p> <p>Janine arranged for the cleaning of both the North and South EOC.</p> <p>Janine worked with AT&amp;T to install additional phone lines at the South EOC. Functional exercises over the last couple of years have shown the need for more phone lines. Since moving the phone accounts to a new government rate program,</p>



<b>EOC Readiness - continued</b>	this is a manageable cost. The install took multiple appointments in order for AT&T to add lines coming into the property, as well as the building.
<b>Coordination with Outside Agencies</b>	<p>On-going: California Public Utilities Commission (PUC) proceedings regarding the Impacts from De-Energization with a Focus on First Responders and Local Government. MWDOC has received party status to these proceedings. Party Status ensures that we receive all communications regarding the proceedings and that our comments are included officially for consideration. Previous Actions Reported:</p> <ul style="list-style-type: none"> <li>• February 7, 2019 - MWDOC submitted comments to the PUC from 19 OC participating water and wastewater agencies.</li> <li>• February 19, 2019 – Kelly represented MWDOC and the 19 agencies at the pre-conference hearing in Sacramento to provide support to the comments submitted and answer questions from the PUC.</li> <li>• March 25, 2019 – MWDOC Comments to Phase 1 Scope and PUC Energy Division Staff Response.</li> <li>• April 2, 2019 - Joint Reply Comments of Municipal Water District of Orange County, Valley Center Municipal Water District and Padre Dam Municipal Water District.</li> </ul> <p>On May 15, 2019 BBK filed Joint Reply Comments on the Proposed Decision on behalf of MWDOC, Valley Center Municipal Water District and Padre Dam Municipal Water District. This was the final opportunity to provide input on the Proposed Decision. The Proposed Decision included many of the recommendations that MWDOC had requested to be incorporated. Staff believes that the decision will strengthen current Power Utility notification and coordination practices with Water Utilities to prepare their operations and facilities for a de-energization event. The joint comments addressed a few areas of technical clean-up of the language for clarity and believed intent. Once the Decision is formally adopted, staff can provide a more detailed report on impacts and next steps.</p> <p>Kelly attended the County hosted Southern California Edison PSPS meeting. Edison is adapting their plan to meet the soon to be adopted PUC ruling.</p>
<b>WATER USE EFFICIENCY</b>	
<b>Orange County Water Loss Control Workgroup</b>	<p>On May 14, Joe Berg hosted the Orange County Water Loss Control Workgroup meeting at the MWDOC offices. Thirty-two representatives from 23 agencies participated in the meeting. Beyond general business, the meeting focused on the State Water Resources Control Board's proposed 3-year average Real Loss Standard and a detailed review of Real Loss Component Analysis methodology. The next Workgroup meeting is scheduled for July 9<sup>th</sup> and will be hosted at MWDOC.</p>

<b>California Water Efficiency Partnership (CalWEP) Peer to Peer Conference</b>	On May 15 and 16, Joe, Steve Hedges, Beth Fahl, Rachel Davis, and Rachel Waite attended CalWEP's Peer to Peer 2019 conference hosted at Disney's Paradise Pier Hotel. This two-day conference provided tools and training for water conservation professionals from throughout the state. Each day had two concurrent tracks that attendees could select from - one focusing on Framing the Future of Water Conservation, and the other exploring Effective Program Management.
<b>Metropolitan Water District of Southern California (Metropolitan) Water Use Efficiency Workgroup</b>	<p>On May 20, Jonathan Meier attended Metropolitan's Water Use Efficiency Workgroup meeting. Approximately 30 member agencies participated in the meeting. Agenda items included:</p> <ul style="list-style-type: none"> <li>• Introductions</li> <li>• May Metropolitan Board Presentation <ul style="list-style-type: none"> <li>○ Conservation Updates</li> <li>○ Disadvantaged Community Program Updates</li> <li>○ Finance Committee Demand Side Management Presentation</li> <li>○ June Board Items</li> </ul> </li> <li>• Innovative Conservation Program: A Solar Powered Grey Water System</li> <li>• Clothes Washer Rebate Activity Evaluation</li> <li>• Metropolitan External Affairs Update</li> <li>• Member Agency Roundtable/Updates</li> <li>• Future Meeting Items</li> </ul> <p>The next Workgroup meeting is scheduled for June 20<sup>th</sup> at Metropolitan.</p>
<b>Qualified Water Efficient Landscaper (QWEL) Training</b>	On May 28, Rachel Davis proctored the QWEL exam at the San Juan Capistrano Community Center. The exam was taken by 20 individuals and marked the last of six classes offered in the San Juan Capistrano series.
<b>Metropolitan Water District of Southern California (Metropolitan) Program Advisory Committee (PAC)</b>	<p>On June 5, Rachel Waite attended Metropolitan's PAC meeting. Approximately 10 member agencies participated in the meeting. Agenda items included:</p> <ul style="list-style-type: none"> <li>• High Efficiency Clothes Washers Rebate Review</li> <li>• Pressure Regulating Sprinklers</li> <li>• Commercial, Institutional, and Industrial Audits</li> <li>• New Devices and Technologies</li> </ul> <p>The next PAC meeting will be held at Metropolitan on September 4<sup>th</sup>.</p>
<b>Orange County Water Use Efficiency Coordinators Workgroup Meeting</b>	<p>On June 6, Steve, Beth, Rachel D., and Rachel W. hosted the Orange County Water Use Efficiency Coordinators Workgroup meeting at Santa Margarita Water District. Approximately 23 agencies participated in the meeting. Highlights on the agenda included:</p> <ul style="list-style-type: none"> <li>• Discussion Items <ul style="list-style-type: none"> <li>○ MWDOC Updates</li> <li>○ Agency Roundtable/Problem Solving</li> </ul> </li> <li>• Public Affairs/Marketing</li> </ul>

<b>Orange County Water Use Efficiency Coordinators Workgroup Meeting - continued</b>	<ul style="list-style-type: none"> <li>• Landscape Change Study</li> <li>• Clothes Washer Rebate Activity Evaluation</li> <li>• Metropolitan Update               <ul style="list-style-type: none"> <li>○ Conservation/DAC Update</li> <li>○ Board Update</li> <li>○ PAC Update</li> </ul> </li> <li>• Water Use Efficiency Programs Update               <ul style="list-style-type: none"> <li>○ SAWPA Update</li> <li>○ QWEL Update</li> <li>○ Supplemental Funding Addendums FY 19/20</li> <li>○ Turf Removal Program                   <ul style="list-style-type: none"> <li>▪ Commercial Inspections</li> <li>▪ Turf and Drip Addendums</li> </ul> </li> <li>○ Landscape Design Assistance Program Update</li> </ul> </li> <li>• CalWEP Update</li> <li>• Future Agenda Items</li> </ul> <p>The next Workgroup meeting is scheduled for August 1<sup>st</sup> at 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>• Facilitated a Ricki the Rambunctious Raindrop appearance at the May 18 Yorba Linda Water District Open House</li> <li>• Designed and ordered summer bill inserts for MWDOC Water Use Efficiency department and participating member agencies</li> <li>• Provided Public Affairs update for Water Use Efficiency monthly workgroup meeting</li> <li>• Facilitated initial pocket park design meeting with the Wyland Foundation, Saddleback College design team, and City of Westminster</li> <li>• Relating to the City of San Clemente's award of the OC Pocket Park through their outstanding participation in the 2019 Wyland National Mayor's Challenge for Water Conservation:               <ul style="list-style-type: none"> <li>○ Provided clarification text to the City of San Clemente news release</li> <li>○ Provided a short blurb to the City of San Clemente's City Clerk for a presentation to the City Council on June 18</li> </ul> </li> <li>• Developed and distributed a cross-marketing email to rebate customers</li> </ul> <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Provided an update on the water tax legislation to the OC MET Managers group</li> <li>• Sent update to MWDOC member agencies regarding the Senate Budget Subcommittee #2 action regarding the water tax</li> <li>• Updated the water tax PowerPoint for El Toro Water District</li> <li>• Sent update to MWDOC member agencies after the budget conference committee met and worked out a compromise on funding for safe drinking water (that did not include a water tax)</li> </ul>

<b>Community Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Hosted a Merit Badge clinic at El Toro Water District – nearly 60 Scouts attended to be awarded the Soil and Water Conservation Merit Badge</li> <li>• Hosted the 2019 Water Awareness Poster Contest at the Discovery Science Center – over 130 guests attended</li> </ul>
<b>Education</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Visited Clinton Elementary School in Garden Grove to celebrate their participation in the Poster Contest; Ricki Raindrop made an appearance</li> <li>• Provided school program targets to member agencies and collected commitments for the 2019-20 school year</li> <li>• Provided details for City of San Clemente regarding High School program expo</li> <li>• Provided details to Santa Margarita Water District regarding Mission Viejo High School's expo</li> <li>• Participated in and presented at Metropolitan's Member Agency Education Coordinator's meeting. Recommended speaker on the California Environmental Literacy Initiative, Dr. Gerald A. Lieberman who was in attendance.</li> <li>• Notified participating sponsors of the 2019 Be the Voice for the Planet winners</li> <li>• Observed high school program visit at Tesoro High School</li> <li>• Worked with contractor to develop new activities for the redesigned Ricki Raindrop education booklets</li> <li>• Provided details to El Toro Water District regarding El Toro High School expo</li> <li>• Provided new promotion video links and logistical information to Inland Empire Utilities Agency</li> <li>• Participated in California Environmental Literacy Community-Based Organization Training</li> <li>• Developed first draft of the (Boy) Scouts Soil and Water Conservation Merit Badge workbook</li> </ul>
<b>Media Relations</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Developed and distributed news release "City of San Clemente wins MWDOC-Wyland OC Mayor's Challenge"</li> <li>• Developed and distributed news release "Municipal Water District of Orange County Appoints Robert R. McVicker as Director of Division 3"</li> <li>• Prepared social media content in concurrence with strategic digital communications contractor</li> </ul>
<b>Special Projects</b>	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Staffed the 12<sup>th</sup> Annual OC Water Summit at Disney's Grand Californian</li> <li>• Working with Metropolitan and MWDOC-Metropolitan Directors to negotiate dates for the 2019/2020 Inspection Trip season</li> <li>• Completed multiple website updates</li> <li>• Completed mandatory harassment prevention training</li> </ul>



<b>Special Projects - continued</b>	<ul style="list-style-type: none"> <li>• Finalized Xtreme Water Makeover rules and promotional flyer</li> <li>• Provided information and tips for success to Citrus Heights Water District for website redesign</li> <li>• Provided information to Inland Empire Utilities Agency on mascot design and selection process</li> <li>• Prepared several certificates of recognition for students winning the Voice4Planet video contest, the City of San Clemente for success in the Wyland National Mayor's Challenge and OC Pocket Park breakaway competition, and El Toro Water District for hosting a (Boy) Scouts Soil and Water Conservation Merit Badge Clinic</li> <li>• Confirmed the 2020 Summit date with Disney Grand Californian (May 29)</li> </ul> <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Staffed the ISDOC Executive Committee meeting</li> <li>• Staffed the WACO Planning Committee meeting</li> <li>• Drafted and scheduled the ISDOC Quarterly Luncheon Invitation</li> <li>• Invited Norberto Santana from the Voice of OC to speak at the July WACO meeting</li> <li>• Attended the OC Water Summit</li> <li>• Coordinated with the June WACO speaker, Phil Rosentrater, of the Salton Sea Authority</li> <li>• Staffed the June WACO meeting</li> </ul>
<b>Legislative Affairs</b>	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> <li>• Attended the ACWA Spring Conference in Monterrey and attended the following presentations:             <ul style="list-style-type: none"> <li>○ Federal Affairs Committee</li> <li>○ Securing Water for Future Generations</li> <li>○ Keynote Speaker Joaquin Esquivel, SWRCB Chair</li> <li>○ Keynote Speaker Jared Blumenfeld, CalEPA Secretary</li> <li>○ Legislative Roundup</li> <li>○ Safe and Affordable Drinking Water</li> <li>○ Keynote Speaker Wade Crowfoot</li> <li>○ Delta Voluntary Agreements</li> </ul> </li> <li>• To support the Public Affairs Department, requested certificates of recognition for winners of the 2019 Be the Voice for the Planet, Water Category from the Orange County Legislative delegation</li> <li>• Participated in the Southern California Water Coalition Legislative Taskforce Meeting</li> <li>• Monitored the Senate Budget Sub-Committee #2 meeting where the water tax trailer bill language was discussed</li> <li>• Participated in the ACWA Region 10 State Legislative Committee pre-meeting conference call</li> <li>• Attended the ACWA State Legislative Committee meeting in Sacramento</li> <li>• Met with Wendy Ridderbusch, former ACWA State Government Relations Manager, re: ACWA engagement</li> <li>• Participated in the ACWA Federal Affairs meeting on May 22</li> <li>• Met with staff from Congressman Harley Rouda's office to go over details for their upcoming Community Leaders Briefing on July 22</li> </ul>

<b>Legislative Affairs - continued</b>	<ul style="list-style-type: none"><li>• Along with Director Yoo Schneider, met with the Orange County staff from Congressman Mike Levin's office</li><li>• Met with staff from Senator Pat Bates' office</li><li>• Participated in the MET Member Agency Legislative conference call</li><li>• Participated in the CalDesal Legislative Working Group</li><li>• Met with staff from Congressman Lou Correa's office to review logistics for their upcoming Community Leaders Briefing on August 8</li><li>• Sent update to the Board of Directors after the budget conference committee met and worked out a compromise on funding for safe drinking water (that did not include a water tax)</li><li>• Attended a meet and greet with Assemblywoman Quirk-Silva's new district director</li><li>• Met with staff from Congressman Gil Cisneros' office</li></ul>
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## MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AGENCIES MANAGERS MEETING

*Street Address:*  
18700 Ward Street  
Fountain Valley, California 92708

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

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

Brett R. Barbre  
*President*

Joan C. Finnegan  
*Vice President*

Larry D. Dick  
*Director*

Wayne S. Osborne  
*Director*

Megan Yoo Schneider  
*Director*

Sat Tamaribuchi  
*Director*

Jeffery M. Thomas  
*Director*

Robert J. Hunter  
*General Manager*

### MEMBER AGENCIES

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

**LOCATION:** MWDOC's Fountain Valley office is located at 18700 Ward St, and the entrance/exit is about ¼ mile south of Ellis Ave. The nearest freeway access is Euclid at the 405. Parking is available to the east of the MWDOC/OCWD Admin offices (follow driveway from Ward St to parking areas).

**WHEN:** Thursday, June 20, 2019 from 10:30 am to noon.

### DRAFT AGENDA

1. Opportunity to add and discuss items not already listed. Page #
2. Discussion Items:
  - 2-1. Discussion on IT Fraud
  - 2-2. AWIA Update and Contract ..... 2
3. Information Items:
  - 3-1. WEROC Updates ..... 24
  - 3-2. California Water Fix Update
4. Report Items:
  - 4-1. Monthly GM Report ..... 30
  - 4-2. Legislative Reports ..... 45
  - 4-3. WEROC Matrix ..... 74
  - 4-4. Grant Funding Opportunities ..... Provided at Mtg.
5. Reminders
  - 5-1. Member Agency Water Projections ..... Friday, June 28, 2019
6. Next meeting will tentatively be held July 18, 2019.

**Lunch will be provided immediately following the meeting.**

# **LOCAL AGENCY FORMATION COMMISSION ORANGE COUNTY**

2677 North Main Street, Suite 1050  
Santa Ana, CA 92705  
(714) 640-5100 ♦ FAX (714) 640-5139

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## **REGULAR MEETING AGENDA**

**Wednesday, June 12, 2019  
8:15 a.m.**

**Orange County Transportation Authority  
Conference Room - 08  
550 South Main Street, Orange, CA 92868**

*Any member of the public may request to speak on any agenda item at the time that item is being considered by the Commission.*

- 1. CALL THE MEETING TO ORDER**
- 2. PLEDGE OF ALLEGIANCE – COMMISSIONER WENDY BUCKNUM**
- 3. ROLL CALL**
- 4. ANNOUNCEMENT OF SUPPLEMENTAL COMMUNICATIONS  
(Received After Agenda Distribution)**
- 5. APPROVAL OF MINUTES**

**a.) May 8, 2019 – Regular Commission Meeting**

### **6. PUBLIC COMMENT**

This is an opportunity for members of the public to address the Commission on items not on the agenda, provided that the subject matter is within the jurisdiction of the Commission and that no action may be taken on an off-agenda item(s) unless authorized by law.

### **7. CONSENT CALENDAR**

**a.) Recognition of Dedicated Service for Former Commissioner Charley Wilson**

The Commission will adopt a resolution recognizing former Commissioner Charley Wilson for his service on the OC LAFCO Board.

### **8. PUBLIC HEARING**

**a.) Los Alisos Areas 1 and 2 Annexation to Orange County Sanitation District (DA19-01)**

The Commission will consider the proposed annexation of approximately 968.2 acres of inhabited territory located within the City of Lake Forest and identified as Portola Hills (Los Alisos Area 1)



and Baker Ranch (Los Alisos Area 2) to the Orange County Sanitation District (OCSD), and a concurrent amendment to OCSD's sphere of influence to include the subject territory. Pursuant to the California Environmental Quality Act (CEQA), the Commission, as the responsible agency, will review the Notice of Exemption prepared by OCSD, the lead agency, and consider adoption of a Notice of Exemption for the project.

## **9. COMMISSION DISCUSSION AND ACTION**

### **a.) Adoption of a Resolution Approving the First Amendment to Memorandum of Agreement for the Position of Executive Officer with Carolyn Emery**

The Commission will consider a resolution approving an Amendment to Memorandum of Agreement for the Position of Executive Officer.

## **10. COMMISSIONER COMMENTS**

This is an opportunity for Commissioners to comment on issues not listed on the agenda, provided that the subject matter is within the jurisdiction of the Commission. No discussion or action may occur or be taken, except to place the item on a future agenda if approved by Commission majority.

## **11. EXECUTIVE OFFICER'S REPORT**

Executive Officer's report on upcoming events and activities of the Executive Officer since last meeting.

## **12. INFORMATIONAL ITEMS & ANNOUNCEMENTS**

### **a.) Request by the City of San Juan Capistrano to the Orange County Employees Retirement System**

The Commission will receive a report on a request by the City of San Juan Capistrano to the Orange County Employees Retirement System regarding the disposition of the City's retirement funds if its utility systems are transferred to a successor agency.

## **13. CLOSED SESSION**

### **a.) Public Employee Performance Evaluation**

Pursuant to Government Code Section 54957

Title: Executive Officer

### **b.) Conference with Labor Negotiators**

Pursuant to Government Code Section 54957.6

Agency designated representatives: Chair Cheryl Brothers and William Kelly of Kelly Associates Management Group

Unrepresented employee: Executive Officer

## **14. ADJOURNMENT OF REGULAR COMMISSION MEETING**

### **NOTICE REGARDING ITEMS DISTRIBUTED TO THE COMMISSION LESS THAN 72 HOURS PRIOR TO THE LAFCO REGULAR MEETING:**

*Pursuant to Government Code Section 54957.5 public records that relate to open session agenda items that are distributed to a majority of the Commission less than seventy-two (72) hours prior to the meeting will be available to the public at Orange County LAFCO offices at 2677 North Main Street, Suite 1050, Santa Ana, CA 92705 during regular business hours. These records when possible will also be made available on the OC LAFCO website at <http://www.oclafco.org>.*

**NOTICE:** *State law requires that a participant in a LAFCO proceeding who has a financial interest in a decision and who has made a campaign contribution of more than \$250 to any commissioner in the past year must disclose the contribution. If you are affected, please notify the Commission's staff before the hearing.*

*LAFCO Agendas and supporting documentation are available on the Internet at <http://oclafco.org>.*

**AGENDA**  
**SOUTH ORANGE COUNTY WATERSHED MANAGEMENT AREA**  
**EXECUTIVE COMMITTEE**



**June 6, 2019**  
2:30 – 4:30 p.m.

Laguna Niguel Council Chambers  
30111 Crown Valley Parkway  
Laguna Niguel, CA 92677

[Map](#)

**Jack Hunt, Chair**  
City of San Juan Capistrano  
**Sandra Jacobs**  
Santa Margarita Water District  
**Elaine Gennawey**  
City of Laguna Niguel  
**Tiffany Ackley**  
City of Aliso Viejo  
**Paul Wyatt**  
City of Dana Point  
**Mark Monin**  
El Toro Water District  
**Mary Aileen Matheis**  
Irvine Ranch Water District  
**Bob Whalen**  
City of Laguna Beach  
**Erica Pezold**  
City of Laguna Hills  
**Carol Moore**  
City of Laguna Woods  
**Trish Kelley**  
City of Mission Viejo

**Debbie Neev, Vice Chair**  
Laguna Beach County Water District  
**Scott Voigts**  
City of Lake Forest  
**Bill Moorhead**  
Moulton Niguel Water District  
**Megan Yoo Schneider**  
Municipal Water District of OC  
**Lisa Bartlett**  
County of Orange  
**Brad McGirr**  
City of Rancho Santa Margarita  
**TBD**  
City of San Clemente  
**Derek Reeve**  
San Juan Basin Authority  
**Doug Erdman**  
South Coast Water District  
**Rick Erkeneff**  
South OC Wastewater Authority  
**Ed Mandich**  
Trabuco Canyon Water District

*The Watershed Management Area Executive Committee welcomes you to this meeting and encourages your participation.*

*This agenda contains a brief general description of each item to be considered. Except as otherwise provided by law, no action shall be taken on any items not appearing in the following agenda. However, items may be taken up in a different sequence.*

*Any member of the public wishing to speak on non-agenda items under the jurisdiction of the Executive Committee may do so during Public Comments (Item 2) after completing a speaker request card. Those wishing to speak on agenda items may do so following the item by completing a speaker request card.*

*All persons addressing the Executive Committee are requested to limit their comments to three minutes.*

*Agenda Materials: [www.ocwatersheds.com](http://www.ocwatersheds.com)*

## **WELCOME AND PLEDGE OF ALLEGIANCE**

### **ITEM # 1 INTRODUCTION**

### **ITEM # 2 PUBLIC COMMENTS (NON-AGENDA ITEMS)**

### **ITEM # 3 APPROVAL OF MINUTES**

**Recommended Action:** Approve the minutes of the November 1, 2018\* and March 7, 2019 meetings.

### **ITEM # 4 ELECTION OF CHAIR AND VICE-CHAIR**

**Recommended Action:** Elect Chair and Vice-Chair based upon slate recommendations presented by nomination sub-committee.

### **ITEM # 5 OPPORTUNITIES FOR WATERSHED COLLABORATION: MITIGATION MANAGEMENT**

***JENNIFER SHOOK, COUNTY OF ORANGE***

**Recommended Action:** Receive and file.

### **ITEM # 6 2019-2021 PROPOSED WORK PLAN AND COST-SHARE BUDGET**

***JENNA VOSS, COUNTY OF ORANGE***

**Recommended Action:** Approve proposed 2019-2021 Work Plan and Cost-Share Budget.

### **ITEM # 7 UPDATE ON PROPOSITION 1 IRWM GRANT PROCESS AND APPROVAL OF MODIFICATIONS TO EXECUTIVE COMMITTEE MEETING SCHEDULE FOR 2019**

***JENNA VOSS***

**Recommended Action:** Approve requested modifications to the Executive Committee meeting schedule to add a meeting on either August 1 or 8, 2019, add a meeting on November 7, 2019, and to remove meetings from the calendar scheduled for September 5, 2019 and December 5, 2019 to accommodate the Proposition 1 IRWM Grant schedule.

### **ITEM # 8 EXECUTIVE OFFICER'S REPORT**

### **ITEM # 9 EXECUTIVE COMMITTEE MEMBER COMMENTS**

### **ITEM # 10 ADJOURNMENT**

Next meeting date: TBD (August or September 2019)

\*Minutes for November 1, 2018 were approved at the March 7, 2019 meeting; however, the approving action was read for the incorrect meeting date. It is requested that the Executive Committee approve the minutes again, listing the correct meeting date for the public record.





## AGENDA STAFF REPORTS

### ITEM # 1. INTRODUCTIONS

### ITEM # 2. PUBLIC COMMENTS, NON-AGENDA TOPICS

*Any member of the public wishing to speak on non-agenda items under the jurisdiction of the Executive Committee may do so during Public Comments by submitting a completed speaker request card to the Committee staff. Those wishing to speak on agenda items may do so following the item by completing a speaker request card.*

*All persons addressing the Executive Committee are requested to limit their comments to three minutes.*

### ITEM # 3. APPROVAL OF MINUTES

#### MINUTES OF NOVEMBER 1, 2018 FOR APPROVAL

***\*\*Minutes for November 1, 2018 were approved at the March 7, 2019 meeting; however, the approving action was read for the incorrect meeting date. It is requested that the Executive Committee approve the minutes again, listing the correct meeting date for the public record. \*\****

**Date and Location:** November 1, 2018 2:30 – 4:30 p.m.  
Laguna Niguel Council Chambers  
30111 Crown Valley Parkway  
Laguna Niguel, CA 92677

***\*\*Audio recording for the November 1<sup>st</sup> meeting is available [here](#). Recording times noted in the minutes correspond to that item on the recording. \*\****

#### ITEM # 1 Roll Call/Self-Introductions (Recording: 00:00:48)

Jack Hunt, Chair, City of San Juan Capistrano  
Debbie Neev, Vice Chair, Laguna Beach County Water District  
Carol Moore, City of Laguna Woods  
Ed Mandich, Trabuco Canyon Water District  
Karl Seckel for Megan Yoo Schneider, Municipal Water District of OC  
Lisa Zawaski for Paul Wyatt, City of Dana Point  
Mark Monin, El Toro Water District  
Mary Aileen Matheis, Irvine Ranch Water District  
Rich Schlesinger for Trish Kelley, City of Mission Viejo  
Saundra F. Jacobs, Santa Margarita Water District  
Steve Kooyman for Brad McGirr, City of Rancho Santa Margarita  
Wayne Rayfield, South Coast Water District  
William Phillips, City of Aliso Viejo  
Ziad Mazboudi for Elaine Gennawey, City of Laguna Niguel



**ITEM # 2      Public Comments (Non-Agenda Items) (Recording: 00:03:12)**

There were no public comments on non-agenda items.

**ITEM # 3      Approval of Minutes (Recording: 00:03:20)**

The minutes of the August 2, 2018 meeting were presented to the Executive Committee for approval.

**Recommended Action:** Approve the minutes of the August 2, 2018 meeting

*Motion:*                      *Approve minutes*  
*First/Second:*           *Carol Moore/Mark Monin*  
*Abstained:*                *None*  
*Outcome:*                *Approved unanimously*

**ITEM # 4      2019 Meeting Dates (Recording: 00:03:57)**

Jenna Voss, County of Orange, stated the proposed meeting included alternate dates to provide flexibility for meeting the Department of Water Resources (DWR) Proposition 1 IRWM Implementation Grant application process. The Executive Committee will not meet more than four times in 2019.

**Recommended Action:** Approve the proposed 2019 meeting dates of March 7, June 6, September 5 and December 5, including alternate dates of May 2, July 11 and October 3.

*Motion:*                      *Approve the slate of proposed 2019 meeting dates.*  
*First/Second:*           *Carol Moore/Saundra Jacobs*  
*Abstained:*                *None*  
*Outcome:*                *Approved unanimously*

**ITEM # 5      Discussion of San Juan Basin Authority (SJBA) Request to Join South OC (Recording 00:05:03)**  
**Watershed Management Area Cooperative Agreement**  
***Jenna Voss, County of Orange***

Ms. Voss, County of Orange, provided background information and an overview of SJBA's request to join the South OC Watershed Management Area Cooperative Agreement (agreement). Ms. Voss indicated that staff coordinated with Orange County Counsel (County Counsel) to summarize and provide options for the Committee's consideration based on Section 6 (page 7) of the agreement.

Mr. Wayne Rayfield commented that the addition of SJBA as a voting member would greatly benefit the Executive Committee based on SJBA's role in overseeing the watershed and technical expertise. He shared his support of adding SJBA as a voting member. Mr. Karl Seckel agreed with Mr. Rayfield's comments and added watershed management should be inclusive of interested parties wanting to join for watershed purposes. He also supported the important role of SJBA and the motion.

Mr. Ziad Mazboudi also agreed and spoke on the benefits of double representation from SJBA, SOCWA, MWDOC, and MNWD. Ms. Carol Moore asked for clarification on the recommended action. Ms. Voss clarified. There were no further comments.



**Recommended Action:** Continue discussion of and consider San Juan Basin Authority's request to be added to the South Orange County Watershed Management Area Executive Committee and Cooperative Agreement.

*Motion:* Approve the San Juan Basin Authority as a voting member of the Executive Committee including representation on the Management Committee.  
*First/Second:* Saundra Jacobs/Debbie Neev  
*Abstained:* None  
*Outcome:* Approved unanimously

**ITEM # 6      2018 OC Reliability Study – Overview of Draft Report (Recording: 00:13:47)**  
**Karl Seckel, Municipal Water District of OC (MWDOC)**

Mr. Seckel, MWDOC, provided an overview of the 2018 OC Reliability Study (Study), which analyzes and summarizes water supply and system reliability for Orange County to aid in the decision-making process for managing current and expected water supply issues out to the year 2050. In this analysis, water supply reliability considers whether or not demands can be met during all periods of hydrologic variation, while water system reliability considers whether or not demands would be met during emergency events.

Ms. Carol Moore commended the Study and shared information from a presentation she attended regarding water desalination in Israel. Ms. Saundra Jacobs also commended the Study, noting that it helps emphasize the importance of water supply for South Orange County.

Chair Hunt asked about the size of desalination projects in Southern California. Mr. Seckel indicated the amount of million gallons per day (MGD) for each project is as follows:

- San Diego/Carlsbad - 50 MGD
- Huntington Beach - 50 MGD
- Doheny Beach - 15 MGD
- South Coast Water District - 5 MGD

**Recommended Action:** Receive and file.

**ITEM # 7      Executive Officer's Report (Recording: 01:04:32)**

Mr. Grant Sharp, County of Orange reported the following:

- The [2018 H2O for HOAs Forum](#) was held October 25<sup>th</sup> at the Norman P. Murray Community Center.
- San Diego Region Basin Plan Triennial Review can be found online at: [https://www.waterboards.ca.gov/sandiego/water\\_issues/programs/basin\\_plan/tri\\_review.html](https://www.waterboards.ca.gov/sandiego/water_issues/programs/basin_plan/tri_review.html)
- South OC Water Quality Improvement Plan ([South OC WQIP](#)) update
- [ACWA Fall Conference](#) (November 27 – 30, 2018, San Diego)
- Executive Officer Transition - Amanda Carr will be the Executive Officer to the Executive Committee effective January 2019, Grant Sharp will be the representative on the Management Committee.

Jenna Voss provided an overview of the timeline and process for the Prop 1 Grant. The Committee will be provided a slate of projects at the March 7<sup>th</sup> and May 2<sup>nd</sup> meeting based on recommendations from both the Stakeholder, Ad Hoc, and Management Committee. The approved slate of projects will be submitted to DWR in July or August 2019.



**ITEM # 8 Executive Committee Member Comments (Recording: 01:25:05)**

Ms. Jacobs encouraged committee members to attend the Prop 1 Grant funding workshops for further involvement and to experience the process.

Chair Hunt acknowledged Mr. Grant Sharp for serving as the Executive Officer and his time for the one on one meetings.

**ITEM # 9 Adjournment (Recording: 01:26:58)****Non-Committee Attendees:**

Amber Baylor	South Orange County Wastewater Authority
Bob Hill	El Toro Water District
Devin Slaven	City of Lake Forest
Hal Ghafari	City of Laguna Niguel
Jeff Meberg	Pacific Marine Mammal Center
Joey Soto	Soto Resources
Kathryn Freshly	El Toro Water District
Ken Rosenfield	City of Laguna Hills
Mark Tettemer	Irvine Ranch Water District
Mary Vondrak	City of Laguna Beach
Moy Yahya	City of Aliso Viejo and Laguna Woods
Nancy Gardiner	Haley & Aldrich
Norris Brandt	San Juan Basin Authority
Roger Bütow	Clean Water Act
Shaun Pelletier	City of Aliso Viejo

County Staff: Grant Sharp, Jenna Voss, and Iris Corpus

**MINUTES OF MARCH 7, 2019 FOR APPROVAL**

**Date and Location:** March 7, 2019 2:30 – 4:30 p.m.  
Laguna Niguel Council Chambers  
30111 Crown Valley Parkway  
Laguna Niguel, CA 92677

***\*\*Audio recording for the March 7<sup>th</sup> meeting is available [here](#). Recording times noted in the minutes correspond to that item on the recording. \*\****

**ITEM # 1 Roll Call/Self-Introductions (Recording: 00:00:19)**

Jack Hunt, Chair, City of San Juan Capistrano  
Debbie Neev, Vice Chair, Laguna Beach County Water District  
Saundra F. Jacobs, Santa Margarita Water District  
Tiffany Ackley, City of Aliso Viejo  
Kathryn Freshley for Mark Monin, El Toro Water District  
Ed Mandich, Trabuco Canyon Water District  
Paul Wyatt, City of Dana Point





Bill Moorhead, Moulton Niguel Water District  
Megan Yoo Schneider, Municipal Water District of OC  
Rick Erkeneff, South OC Wastewater Authority  
Doug Erdman, South Coast Water District  
Scott Voigts, City of Lake Forest  
Brad McGirr, City of Rancho Santa Margarita  
Norris Brandt for Derek Reeve, San Juan Basin Authority  
David Shisler for Bob Whalen, City of Laguna Beach  
Erica Pezold, City of Laguna Hills  
Elaine Gennawey, City of Laguna Niguel  
Carol Moore, City of Laguna Woods

**ITEM # 2      Public Comments (Non-Agenda Items) (Recording: 00:03:34)**

There were no public comments on non-agenda items.

**ITEM # 3      Approval of Minutes (Recording: 00:04:32)**

The minutes of the November 1, 2018 meeting were presented to the Executive Committee for approval.

**Recommended Action:** Approve the minutes of the November 1, 2018 meeting\*

*Motion:                      Approve minutes*  
*First/Second:              Sandra Jacobs/ Debbie Neev*  
*Abstained:                  Megan Yoo Schneider, Doug Erdman, Rick Erkeneff, and David Shisler*  
*Outcome:                    Approved unanimously*

**\*Note: Minutes for November 1, 2018 were approved at the March 7, 2019 meeting; however, the approving action was read for the incorrect meeting date. It is requested that the Executive Committee approve the minutes again, listing the correct meeting date for the public record. \***

**ITEM # 4      Election of Chair and Vice-Chair (Recording: 00:05:31)**

Chair Hunt requested volunteers from the Executive Committee to convene as the nominating committee. Ms. Sandra Jacobs, Ms. Megan Yoo Schneider, and Ms. Carol Moore volunteered. Nominations will be considered and elections will be held at the June 6, 2019 meeting.

**Recommended Action:** Form a nominating committee to return with slate for Chair and Vice Chair for the upcoming term.

*Motion:                      Approve the nominating committee formed to discuss and nominate candidates for Chair and Vice Chair for approval at the June 6, 2019 meeting.*  
*First/Second:              Debbie Neev/ Scott Voigts*  
*Abstained:                  None*  
*Outcome:                    Approved unanimously*



**ITEM # 5      Overview of Proposition 1 IRWM Grant Process and Schedule (Recording 00:07:47)**  
***Jenna Voss, County of Orange***

Ms. Jenna Voss, County of Orange, provided an overview of the Proposition 1 IRWM Grant Process and schedule; one of the primary roles of the Executive Committee is to review and approve project slates for IRWM Grant funding applications to the State Department of Water Resources (DWR). Ms. Voss also provided a summary of funding the IRWM region has received from past IRWM Grants (Propositions 50, 84) – a total grant award of \$36 million for the South Orange County area, which translated to an investment of over \$215 million. The first round of Proposition 1 would make \$2.3 million available for projects in the region. The four primary goals of the IRWM Plan focus around Water Supply Reliability and Efficiency, Habitat Restoration, Flood Management, and Water Quality; projects selected for the Proposition 1 IRWM Grant application will meet these goals in a balanced portfolio.

Ms. Sandra Jacobs inquired about the amount of projects that were submitted for consideration. Ms. Voss informed her that seventeen projects were submitted and thirteen qualified. Others decided to withdraw from the process, so a total of nine projects were submitted. Ms. Sandra Jacobs further asked if there was a limit to the amount of grant funds they could request, or have they exceeded the amount designated for the grant. Ms. Voss informed her that the Ad Hoc will put forward recommendations that are within the \$2.3 million available.

Mr. Rick Erkeneff, South OC Wastewater Authority complimented the staff that put together the project fact sheets for previously funded projects because it makes it easy to understand the process. Mr. Erkeneff offered the suggestion of adding the primary goals to the sheet to better reflect the project's accomplishments. Ms. Voss thanked Mr. Erkeneff and informed him that the primary goals would be added to the fact sheets.

Ms. Neev, Vice Chair, Laguna Beach County Water District asked if any changes to the CEQA process were expected. Ms. Voss informed her that the question has been raised in two separate occasions by Mark Staddler, San Diego County Water Authority and directly to Carmel Brown from DWR; they alluded to no significant changes.

Ms. Kathryn Freshley, El Toro Water District noticed that the CEQA is time limited to six months, she wanted to know when the timing begins. Ms. Voss replied that the six months starts upon receipt of the award letter from DWR.

Chair Hunt asked if project proponents will have to go through all the steps twice since it is broken down into two phases. Ms. Voss explained that Phase I is focused on the IRWM project list and Phase II is focused on the grant – most projects completed Phase I well in advance of Phase II.

**Recommended Action:** Receive and file.

**ITEM # 6      2019-2021 Proposed Work Plan and Cost-Share Budget (Recording: 00:28:11)**  
***Jenna Voss, County of Orange***

Ms. Voss provided an overview of the proposed FY 2019-2021 Cost Share Budget. The proposed work plan included Proposition 1 IRWM Grants, plan updates, stakeholder support, call for projects and plan IRWM Project List/OC Stormwater Resource Plan (OC SWRP) project list management, grant administration, data management, committee support, regional project development and stakeholder framework, roundtable of regions, and Team Arundo. The total shared-cost contribution from each member agency in the proposed



budget was \$11,136.36 for FY 2019-20 and \$10,795.45 for FY 2020-21. For reference, the cost share contributions were \$9,095.24 per member agency in FY 2017-18 and \$7,619.05 in FY 2018-19.

Ms. Freshley asked if the \$11,136.36 represented funds that needed to be allocated in next year's budget. Ms. Voss replied in the affirmative. Ms. Freshley went on to ask that if there was a need for additional projects not included in the approved budget, whether or not it would come back to the Committee for review and approval. Ms. Voss explained the budget presented should be inclusive of projects and programs requested by the Committee, to prepare for upcoming grants, and to meet requirements. Ms. Voss added that to her knowledge the budget has never been raised; but if for any reason the budget did need to increase, it would come back to Executive Committee for approval before any changes were made.

Ms. Jacobs moved to approve the Cost Share Budget as presented. Ms. Voss clarified that the budget must be presented with a recommended action for approval in order for the Committee to take action, to comply with the Ralph M. Brown Act. The budget will be considered for approval at the next Committee meeting.

**Recommended Action:** Provide direction to staff.

#### **ITEM # 7      Executive Officer's Report (Recording: 0:46:32)**

Ms. Amanda Carr, County of Orange reported the following:

- Disadvantaged Community Water Needs Assessment
- Project Development Framework
- Various Other Updates:
  - Roundtable of Regions
  - San Diego Regional Board –Orange County meeting tentatively moved to fall 2019
  - WIFIA Loan Award to City of San Diego
  - Water Quality Improvement Plan (WQIP) Comprehensive Human Waste Source Reduction Strategy development

Chair Hunt asked what WIFIA stands for. Ms. Schneider informed Chair Hunt that WIFIA means Water Infrastructure and Finance Innovation Act, which is a federally funded program.

Ms. Freshley asked for the location of the disadvantaged communities (DACs) in the South OC WMA. Ms. Voss informed Ms. Freshley that after an extensive mapping effort small pocket areas were identified as DACs. For example, San Juan Capistrano and Laguna Woods have identified DACs. However, DAC areas are scattered throughout South Orange County and are not as prominent as they are in the North/Central Orange County area.

#### **ITEM # 8      Executive Committee Member Comments (Recording: 01:05:11)**

Ms. Schneider informed the committee that the Orange County Water Reliability Study was finalized. The link is available upon request.

#### **ITEM # 9      Adjournment (Recording: 01:07:51)**

##### **Non-Committee Attendees:**

Amber Baylor	South Orange County Wastewater Authority
Bill Green	South Coast Water District
Bob Hill	El Toro Water District



Dave Wheeler	City of Laguna Hills
Devin Slaven	City of Lake Forest
George Sutherland	Trout Unlimited
Hal Ghafari	City of Laguna Niguel
Hazel McIntosh	City of Rancho Santa Margarita
Jeff Meberg	Pacific Marine Mammal Center
Joey Soto	Soto Resources
Kathryn Freshly	El Toro Water District
Ken Rosenfield	City of Laguna Hills
Lisa Zawaski	City of Dana Point
Mark Tettermer	Irvine Ranch Water District
Mary Vondrak	City of Laguna Beach
Moy Yahya	City of Aliso Viejo and Laguna Woods
Nancy Gardiner	Haley & Aldrich
Renae Hinchey	Laguna Beach Water District
Rich Schlesinger	City of Mission Viejo
Rodney Woods	Moulton Niguel Water District
Roger Bütow	Clean Water Now!
Shaun Pelletier	City of Aliso Viejo

**County Staff:**

Amanda Carr, Jenna Voss, Andrew McGuire, and Maria Tamez

#### **ITEM # 4. ELECTION OF CHAIR AND VICE-CHAIR**

At the March 7, 2019 meeting, the Executive Committee appointed an ad hoc nominating committee to recommend nominations for Chair and Vice Chair. Ms. Sandra Jacobs, Ms. Carol Moore, and Ms. Megan Yoo Schneider volunteered to participate in the nominating committee. The nominating committee will present nominees to the Executive Committee for election. The elected Chair and Vice-Chair will assume their responsibilities at the next Executive Committee meeting in 2019, following approval.

Recommended Action: Elect Chair and Vice-Chair based upon recommendations presented by the nomination sub-committee.

#### **ITEM # 5. OPPORTUNITIES FOR WATERSHED COLLABORATION: MITIGATION MANAGEMENT**

Ms. Jennifer Shook, County of Orange, will provide an overview of the County Mitigation Program and present potential opportunities for collaboration between County agencies developing mitigation plans and South OC WMA stakeholders seeking and/or developing multi-benefit projects. Opportunities could include stream restoration projects, construction of flow through treatment wetlands providing both biotreatment for water quality benefit and habitat for threatened and endangered faunal species, or employing a new approach to detention basin maintenance that can support habitat while still meeting detention capacity requirements.

Recommended Action: Receive and file.

#### **ITEM # 6. 2019-2021 PROPOSED WORK PLAN AND COST-SHARE BUDGET**





The Cooperative Agreement for the South WMA states that the Executive Committee shall approve an annual work plan and budget for the administration and activities of the WMA, its committees, projects, actions, and administrative support. The budget shall be equally divided amongst the participating agencies in the agreement, and shall be budgeted by each agency in their annual budget.

On May 4, 2017 the Management Committee recommended, and the Executive Committee approved, a two-year work plan and budget for FY 2017 – 2019. The cost share budget for FY 2017-18 was \$9,095.24 and the cost share budget for FY 2018-19 was \$7,619.05. The addition of the San Juan Basin Authority as a member was approved at the November 1, 2018 meeting; the adjusted cost share amount for FY 2018-19 is \$7,272.70 per Member Agency. The Committee approved moving funds allocated in FY 2017-18 to FY 2018-19 to accommodate changes in Proposition 1 IRWM and Storm Water Grant programs (administered by DWR and the State Water Resources Control Board, respectively). The Member Agencies will not see a change to the invoiced amounts for each FY; the movement of funds did not impact the approved two-year budget. Overall, the FY 2019 – 2021 budget represents an increase from previous years, reflective of more intensive grant application processes, increased interest in Team Arundo, and an Executive Committee directive to foster greater regional project collaboration. Per the Cooperative Agreement, any unspent funds approved by the Committee in any given year will be refunded to the Member Agencies.

Jenna Voss, County of Orange, provided an overview of the work plan and budget at the March 7, 2019 Committee meeting. Committee members did not provide any further direction after the discussion and moved to approve the budget; however, County staff noted that approval must be agendaized in order for the Committee to take that action in keeping with the Ralph M. Brown Act. As a result, this item will come before the Committee for formal approval at the June 6, 2019 meeting.

The proposed work plan and budget for FY 2019 – 2021 is included below.

#### **Work Plan Budget Narrative for 2019 – 2021**

- **Proposition 1 Implementation Grants (Items #1 and #9):** Department of Water Resources (DWR) administers a grant program throughout the state for multi-benefit projects through the IRWM Program. These grants make available a specific amount of funding for each Funding Area – the South Orange County WMA is in the San Diego Funding Area and will receive approximately \$5 million over two rounds of IRWM Grant funding. The line item for FY 2019-20 is to continue the grant application process and support for Round 1 – slated for completion by the beginning of 2020. Funding proposed for FY 2019-2020 also provides for preparation for Round 2, currently expected to start in 2020. Stakeholder coordination for Round 2 would continue in FY 2020-2021, including working with the Management Committee, Executive Committee, and stakeholders to prioritize and approve projects for inclusion in the application to DWR. *This item includes funding for consultant support in the shared-cost budget.*
- **Call for projects and IRWM Plan/Orange County Stormwater Resource Plan (OC SWRP) Project List management (Items #2 and #10):** Each round of IRWM Grant funding begins with a call for projects, whereby member agencies and stakeholders will be solicited for projects to consider in the grant application to DWR. County staff conducts the call for projects and brings the projects to the Management and Executive Committees. Both the IRWM Plan and OC SWRP (appended and incorporated into the IRWM Plan per SB 985) require maintenance of prioritized project lists; support is ongoing, and the Data Management System (DMS)/website provides for submittal of projects any time, in addition to supplemental support provided during a Call for Projects. *This budget includes funding for both County staff time and consultant support in the shared-cost budget; FTEs are included in Table A.*



- **Grant administration – Proposition 84 & 1 Implementation Grants (Items #3 and #11):** Grants previously garnered by the WMA include County staff time to administer the associated state and project agreements, process invoices, generate reports, and comply with DWR requirements for grant processing. *County staff time is refunded by the grants themselves; this budget item does not include shared-cost funding.*
  
- **Data management (Items #4 and #12):** DWR requires that IRWM Plans include a “Data Management System” for collecting and making publicly available data associated with implementation of projects funded within each IRWM Region. To comply, the County produced on behalf of the South OC WMA a Data Management System (DMS) website (<http://arcg.is/1WWTmb>) for tracking project data in the FY 2017 – 19 budget cycle. This budget item includes maintaining and updating the geospatial-based database to include data and reports for each of the projects funded through IRWM Grants in the WMA, and ongoing updates to serve stakeholders. Data management represents a continuing process and ongoing County staff support. *This budget item includes shared-cost funding for County staff time; FTEs are included in Table A.*
  
- **Committee support (Items #5 and #13):**
  - 4 Executive Committee meetings, including agenda package preparation and minutes
  - 12 Management Committee and/or Stakeholder meetings
  - 6 Ad hoc Committee meetings

Committee support includes administration of Executive Committee, Management Committee, and Stakeholder meetings; funding also includes allocations for ad hoc meetings, where necessary. This item includes support elements such as preparation of agendas, presentations, agenda staff reports, responding to member agency requests and supporting administration of the program. *This budget item is County staff time to administer the program; FTEs are included in Table A.*
  
- **Regional Project Development & Stakeholder Framework (Items #6 and #14):** Through the 2015-16 Strategic Visioning process, the Executive Committee expressed interest in supporting development of regional projects for implementation through the IRWM Grant program or by member agencies to meet regional water resource needs. Initial work to meet this request began during the last budget cycle, including stakeholder interviews, compilation of regional project coordination needs and development of a guidance memo with recommendations for how best to proceed. County staff coordinated with Management Committee members to refine these tasks. An initial Stakeholder Framework Project Workshop was held on May 16, 2019. Funds are proposed for FY 2019-2020 to support implementation of the recommendations included in the memo, including development of a comprehensive project database for the South OC WMA to better facilitate regional planning and partnership building, and coordination of a pilot sub-watershed project coordination group. Proposed funds in FY 2020-2021 would continue these efforts, with the establishment of project coordination groups/watershed-based meetings for other areas in the WMA to identify challenges to project development and implementation with the goal of collaborating on solutions to address challenges. County staff will provide any updates on this process at Executive Committee meetings. *The shared-cost budget includes funding for County staff time and consultant services for this item; FTEs are included in Table A.*
  
- **Roundtable of Regions (Items #7 and #15):** the California Integrated Regional Water Management (IRWM) Roundtable of Regions is an informal but well-established collaborative of representatives from organizations and agencies engaged in the current, ongoing and future success of the Integrated Regional Water Management Program in California. The Roundtable of Regions has effectively coordinated with DWR on state initiatives impacting funding for water resource projects in California



since 2006. The primary role of the group is to a) promote IRWM and coordinate with DWR and the State Water Resources Control Board on policy applicable to water resource projects, and to b) equip those engaged in the work of integrated water resource management with the tools and partnerships necessary for success. County staff have been engaged with the Roundtable of Regions for several years; however, funding for this participation was removed in the 2017-19 budget cycle. This participation has provided exceptional support for the South OC WMA IRWM Group and County staff propose re-instating funds for staff participation in Roundtable meetings, workshops and coordination. *This budget item is for County staff time and travel on behalf of the IRWM Group; FTEs are included in Table A.*

- **Team Arundo program oversight (Items #8 and #16):** stakeholders have expressed renewed interest in County staff tracking Arundo removal efforts in South Orange County; funding is included in the draft budget to maintain environmental permitting (as necessary), develop map-based tracking of historic and planned removal efforts, and for County staff to advise project proponents on existing, and/or creation of new projects to address Arundo, wherever applicable. *The shared-cost budget includes funding for County staff time and consultant services for this item; FTEs are included in Table A.*

**Notable elements of the FY 2019 – 2021 budget include:**

- Reinstatement of funding for coordination with the Roundtable of Regions (previously called “Advocacy” in past approved budgets)
- Funding for staff time to administer IRWM and OC SWRP project lists and for ongoing data management to comply with DWR requirements
- Reinstatement of greater regional support for Team Arundo
- Implementation of Regional Project and Stakeholder Framework – will include an annual stakeholder workshop, coordination meetings, and development of a comprehensive regional project list with the goal of seeing more projects implemented in South Orange County to meet water resource goals expressed in the IRWM Plan and through local planning efforts (e.g. OC Water Reliability Study, Water Quality Improvement Plan).

The table below summarizes the two-year budget described above; elements of the budget that include County staff FTE are highlighted in green.



**Table A: FY 2019-2021 Shared-cost Budget, including appropriations and revenues broken down by program element and by fiscal year.**

LINE ITEM	APPROPRIATIONS			REVENUES		
	County Costs	Consultant Services	Total	Grants/ County	County FTE (if applicable)	Net Cost to 22 Member Agencies (Shared Costs)
<b>FY 2019-2020</b>						
1. Proposition 1 Implementation Grant Submittals, IRWM Plan Updates, Stakeholder Support	10,000	85,000	95,000	10,000	N/A	85,000
2. Call for Projects & IRWM/OC SWRP Project List Management	10,000	7,500	17,500	5,000	0.0355 (74)	12,500
3. Grant Administration	60,000	0	60,000	60,000	N/A	0
4. Data Management & Monitoring	15,000	5,000	20,000	0	0.1025 (213)	20,000
5. <u>Committee Support</u> : 4 EC, 12 MC/Stakeholder, 6 Ad Hoc	60,000	0	60,000	0	0.4075 (848)	60,000
6. Regional Project Development & Stakeholder Framework	20,000	45,000	65,000	5,000	0.10 (208)	60,000
7. Roundtable of Regions	2,500	0	2,500	0	0.0155 (32)	2,500
8. Team Arundo Program Oversight	5,000	2,500	7,500	0	0.0155 (32)	7,500
<b>Total</b>	<b>182,500</b>	<b>145,000</b>	<b>327,500</b>	<b>85,000</b>		<b>247,500</b>
<b>COST SHARE PER PARTY FY 2019-20</b>						<b>\$11,250.00</b>
<b>FY 2020-2021</b>						
9. Proposition 1 Implementation Grant Submittals, IRWM Plan Updates, Stakeholder Support	10,000	70,000	80,000	10,000	N/A	70,000
10. Call for Projects & IRWM/OC SWRP Project List Management	10,000	7,500	17,500	5,000	0.0355 (74)	12,500
11. Grant Administration	60,000	0	60,000	60,000	N/A	0
12. Data Management & Monitoring	15,000	5,000	20,000	0	0.1025 (213)	20,000
13. <u>Committee Support</u> : 4 EC, 12 MC/Stakeholder, 6 Ad Hoc	60,000	0	60,000	0	0.4075 (848)	60,000
14. Regional Project Development & Stakeholder Framework	20,000	52,500	72,500	5,000	0.10 (208)	67,500
15. Roundtable of Regions	2,500	0	2,500	0	0.0155 (32)	2,500
16. Team Arundo Program Oversight	5,000	2,500	7,500	2,500	0.0155 (32)	5,000
<b>Total</b>	<b>182,500</b>	<b>137,500</b>	<b>320,000</b>	<b>85,000</b>		<b>237,500</b>
<b>COST SHARE PER PARTY FY 2020-21</b>						<b>\$10,795.45</b>
<b>GRAND TOTAL (FY 2019-21)</b>	<b>365,000</b>	<b>282,500</b>	<b>637,500</b>	<b>170,000</b>		<b>485,000</b>





As noted above, the proposed work plan and budget is scheduled for approval at the June 6, 2019 Committee meeting and will take effect July 1, 2019, if approved.

Recommended Action: Approve proposed 2019-2021 Work Plan and Cost-Share Budget.

## **ITEM # 7. UPDATE ON PROPOSITION 1 IRWM GRANT PROCESS AND APPROVAL OF MODIFICATIONS TO EXECUTIVE COMMITTEE MEETING SCHEDULE FOR 2019**

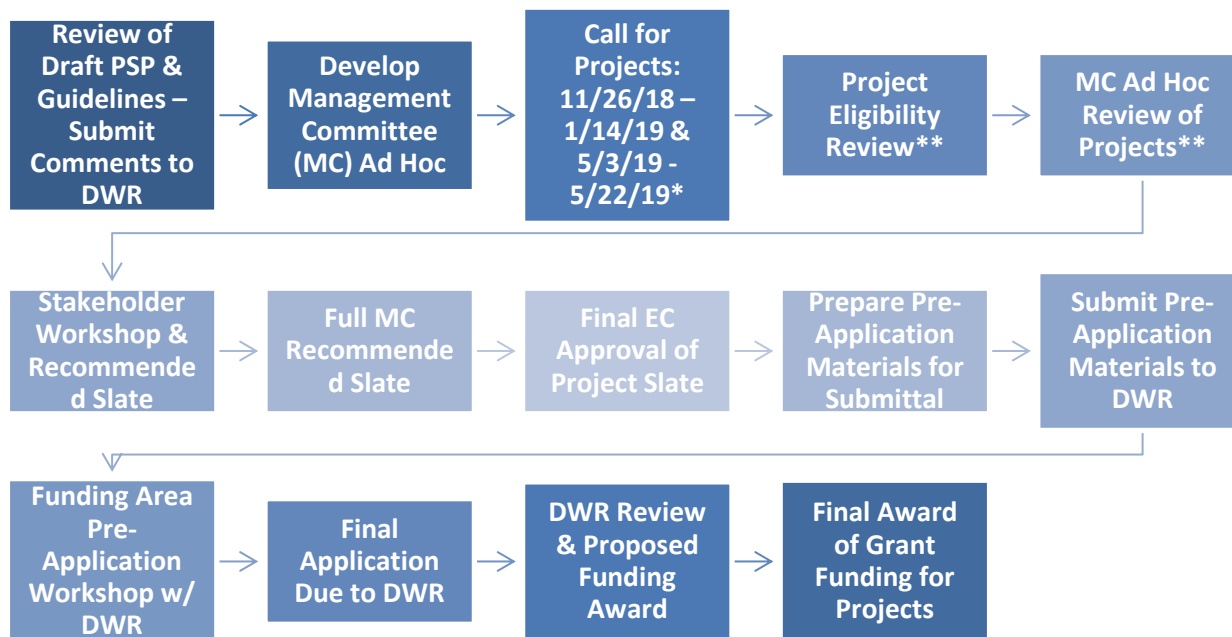
Integrated Regional Water Management (IRWM) is a collaborative framework for management of all aspects of water resources in a region. IRWM crosses jurisdictional, watershed, and political boundaries; involves multiple agencies, stakeholders, and groups; and attempts to address the issues and differing perspectives of all the entities involved through mutually beneficial solutions. IRWM is administered through the Department of Water Resources (DWR). Grant funding made available through voter-approved bonds and allotted for the IRWM Program is allocated to Funding Areas throughout the state. South Orange County is in the San Diego Funding Area, which was allotted \$52.5 million through Proposition 1, approved by the voters in 2014. Of this total, approximately \$4.66 million will fund water resource implementation projects in South Orange County through competitive grant programs (approximately \$600,000 additional funds are available for projects directly benefitting disadvantaged communities).

As a recognized IRWM Region, the South OC WMA IRWM Group prepared and maintains an IRWM Plan to comply with DWR standards for IRWM Grant funding. The IRWM Plan was updated for Proposition 1, the process for which concluded in mid-2018. The IRWM Plan has been adopted by all of the Member Agencies, and was submitted to the Department of Water Resources (DWR) for their review; this review will ensure eligibility of SOCWMA projects for Proposition 1 IRWM Grant funding. To access the 2018 IRWM Plan and to see all previously funded projects visit the SOCWMA website/Data Management System (<http://arcg.is/1WWTmb>).

As was noted at the November 1, 2018 Committee meeting, DWR delayed release of Proposition 1 IRWM Grant funds, pending finalization of the grant Guidelines and Proposal Solicitation Package (PSP) due to a large volume of public comments received on earlier drafts. The Guidelines and PSP outline the requirements for the grant application process, an essential element for IRWM Regions (like South OC WMA) to prepare a slate of projects to submit for funding. Final Guidelines and PSP were posted by DWR on April 22, 2019, and included changes to project eligibility requirements that necessitated re-opening the Call for Projects. The Management Committee advised re-opening the call from May 3 – 22, 2019 to allow projects now eligible to apply. The Management Committee Project Review Ad Hoc will review all projects submitted in both calls in May-June, and a public workshop to review projects will be held in late June or early July.

Additionally, the application process includes three steps, versus one submittal as was the case for prior grant applications: 1) preparation and submittal of Pre-Application Materials for each project and the project slate overall; 2) a workshop to present the proposed project information to DWR and other State agency staff to receive feedback on the application before a final application is submitted; and 3) a final, full application. This process will require several more months of preparation. Ms. Voss will provide an update to the Committee on the expected schedule and release of IRWM Grant funds, and an overview of the revised grant application process. For Committee member reference prior to the meeting, the grant process would roughly follow the following course:





NOTE: 'MC' represents the Management Committee, and 'EC' the Executive Committee

\*Call for Projects re-opened due to changes in project eligibility in the final IRWM Grant Guidelines and PSP

\*\*Process completed for previously submitted projects; will re-commence to review any projects submitted in the May re-opening of the Call for Projects

Final IRWM Grant Guidelines and the PSP were expected in late 2018; these were not posted by DWR until April 22, 2019. As a result, the Committee meeting dates approved at the November 1, 2018 Committee meeting for 2019 no longer align with the anticipated grant application schedule. Staff recommend adding two meetings to the approved 2019 Committee meeting calendar, one in August – either August 1 or 8, 2019, and another on November 7, 2019 to accommodate both Committee approval and the DWR grant schedule. To ensure the Committee does not meet any more than four times in 2019, staff also recommend removing the September 5 and December 5, 2019 meetings currently on the approved meeting schedule.

**Recommended Action:** Approve requested modifications to the Executive Committee meeting schedule to add a meeting on either August 1 or 8, 2019, add a meeting on November 7, 2019, and to remove meetings from the calendar scheduled for September 5, 2019 and December 5, 2019 to accommodate the Proposition 1 IRWM Grant schedule.

## ITEM # 8. EXECUTIVE OFFICER'S REPORT

Ms. Amanda Carr, County of Orange, will provide an update on several ongoing projects and efforts within the South Orange County Watershed Management Area.

## ITEM # 9. EXECUTIVE COMMITTEE MEMBER COMMENTS

## ITEM # 10. ADJOURNMENT

Next meeting date: TBD (August or September 2019)





## Executive Committee Meeting

Tuesday, June 4, 2019

7:30 a.m.

Municipal Water District of Orange County, Conference Room 101

### AGENDA

#### Mailing Address

P.O. Box 20895  
Fountain Valley, CA 92728

#### Meeting Location

MWDOC/OCWD  
18700 Ward Street  
Fountain Valley, CA 92708

(714) 963-3058  
(714) 964-5930 fax

[www.mwdoc.com/isdoc](http://www.mwdoc.com/isdoc)

#### Executive Committee

President  
Hon. Sandra Jacobs  
*Santa Margarita Water District*

1<sup>st</sup> Vice President  
Hon. Mark Monin  
*El Toro Water District*

2<sup>nd</sup> Vice President  
Hon. Arlene Schafer  
*Costa Mesa Sanitary District*

3<sup>rd</sup> Vice President  
Hon. Mary Aileen Matheis  
*Irvine Ranch Water District*

Secretary  
Hon. William "Bill" Green  
*South Coast Water District*

Treasurer  
Hon. Joan C. Finnegan  
*Municipal Water District of Orange County*

Immediate Past President  
Hon. James Fisler  
*Mesa Water District*

#### Staff Administration

Heather Baez  
*Municipal Water District of Orange County*

Christina Hernandez  
*Municipal Water District of Orange County*

#### **I. Welcome – 7:30 am**

**[Please silence cell phones]**

#### **II. Approval of Minutes**

- Consider approval of the minutes for the May 14, 2019 meeting.

#### **III. Public Comments on items not on the agenda- 7:35 am**

#### **IV. New Business – 7:40 am**

#### **V. Treasurer's Report – Joan Finnegan – 7:45 am**

- No May report.

#### **VI. CSDA Report –Arlene Schafer/Bill Nelson – 7:50 am**

- Receive, discuss and file the CSDA Report

#### **VII. LAFCO Report – Doug Davert/Jim Fisler– 8:00 am**

- Receive, discuss and file the LAFCO report

#### **VIII. ACWA Report – Sandra Jacobs – 8:05 am**

- Receive, discuss and file the ACWA report

#### **IX. OCCOG Report – Mike Schaefer – 8:10 am**

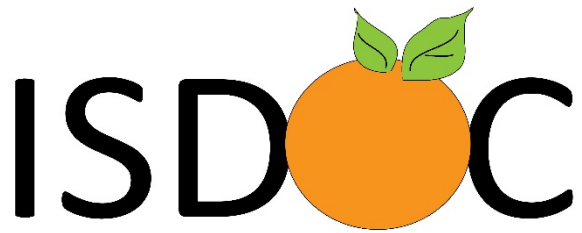
#### **X. Subcommittee Reports – 8:15 am**

- Programs (Mark Monin)
  - Discuss speakers for June 27 and October 24, 2019 quarterly membership meetings.
- Membership (Arlene Schafer)
- Legislative (Mary Aileen Matheis)
  - Discuss and consider taking action on proposed legislation of interest to Special Districts.

#### **XI. Adjourn – 8:30 am**

Next Executive Committee Meeting: Tuesday, July 2, 2019

Next ISDOC Quarterly Meeting: June 27, 2019



Independent Special Districts of Orange County

## ISDOC Executive Committee

May 14, 2019

### Minutes

#### I. Welcome

President Sandra Jacobs called the meeting to order at 7:30 a.m.

Sandra Jacobs, President (SMWD)

Mark Monin, 1<sup>st</sup> Vice President (ETWD)

Arlene Schafer, 2<sup>nd</sup> Vice President (CMSD)

Bill Green, Secretary (SCWD)

Jim Fisler, Past President (Mesa Water/LAFCO)

#### Others Present:

Mike Gaskins (ETWD)

Al Nederhood (YLWD)

Con Nguyen (Westminster School District)

Stacy Taylor (Mesa WD)

Heather Baez (MWDOC)

Christina Hernandez (MWDOC)

Jody Brennan (SCWD)

#### II. Minutes

1. The minutes from the April 2, 2019 meeting of the Executive Committee were reviewed. Upon a motion by Mark Monin and second by Bill Green, the minutes were unanimously approved.

#### III. Public Comments

None

#### IV. New Business

1. There was discussion on allowing the candidates for the upcoming LAFCO election and CSDA election to introduce themselves and give a brief statement at the next ISDOC

Quarterly Luncheon on June 27. The discussion included past practices and ISDOC bylaws. A motion was made by Mark Monin and seconded by Arlene Schafer to allow each candidate 2 minutes to speak on their candidacy at the June 27 Quarterly Luncheon. The motion passed unanimously.

V. Treasurer's Report

1. There was no report as Treasurer Joan Finnegan was absent.
2. President Sandra Jacobs reported that due to an unexpected absence of the treasurer, she opened a new bank account as a temporary solution. The President is the current signer. Joan will be added to the account as Treasurer when she returns to service.

VI. CSDA Report

1. Arlene Schafer reported that CSDA Legislative Days is next week.
2. Legislative Action items to be considered for support or opposition positions will be brought to the ISDOC Executive Committee at the June meeting.

VII. LAFCO Report

1. Jim Fisler reported on the May 8 OC LAFCO meeting. A public hearing was held for the FY 2020 budget and staff presented the FY 2020 Work Plan. Both items were approved by the Commissioners.
2. The next meeting will be held on June 12, 2019.

VIII. ACWA Report

1. Sandra Jacobs reported on the ACWA Spring Conference held last week and provided a brief summary on the legislative issues, water tax discussion and energy session.

IX. OCCOG Report

1. No report.

X. Subcommittee Reports

1. Programs: Mark Monin reported on the 2019 ISDOC Quarterly Luncheons as follows:
  - a. June 27, 2019 – confirmed speaker will be Sanjay Guar, Raftelis – invitations will go out May 24, 2019.
  - b. October 24, 2019 – waiting to confirm the speaker will be Supervisor Bartlett
2. Membership: None
3. Legislative Update: Provided in CSDA Update (will be brought to ISDOC Executive Committee in June)



XI. LAFCO Dues Ad Hoc Committee Report

1. An Ad Hoc conference call will be scheduled by Jim Leach (SMWD) who will poll Ad Hoc committee members on schedules.

Other Business

Scholarship committee has agreed to offer funding of CSDA events. However this was put on hold until the bank account funds from Joan can be accessed.

XII. Adjourn

1. The meeting adjourned at 8:20 and the next meeting will be held on June 4, 2019 at 7:30.



## AGENDA

Friday, June 7, 2019

7:30 a.m. - 9:00 a.m.

Doors open at 7:00 a.m.

**OCWD/MWDOC JOINT BOARD ROOM**  
**18700 Ward Street, Fountain Valley**

### Mailing Address

P.O. Box 8300  
Fountain Valley, CA 92708

### Meeting Location

18700 Ward Street  
Fountain Valley, CA 92708

(714) 378-3200  
(714) 963-0291 fax

[www.ocwd.com/news-events/events/waco](http://www.ocwd.com/news-events/events/waco)  
[www.mwdoc.com/waco](http://www.mwdoc.com/waco)

### Officers

#### **Chair**

**Hon. Jim Atkinson**  
*Mesa Water District*

#### **Vice Chair**

**Hon. Cathy Green**  
*Orange County Water District*

### Staff Contacts

**Alicia Dunkin**  
*Orange County Water District*

**Heather Baez**  
*Municipal Water District of Orange County*

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### **Pledge of Allegiance**

### **Announcements & Introductions**

- Jim Atkinson, Mesa Water District

### **Reports**

- Association of California Water Agencies (ACWA) Report – Cathy Green, Orange County Water District
- Metropolitan Water District of Southern California Report – Linda Ackerman, Metropolitan Water District of Southern California
- LAFCO Report – Doug Davert, LAFCO

### **Program: The Salton Sea**

- Phil Rosentrater, General Manager, Salton Sea Authority

### **Adjourn**

.....

### **Next WACO Meeting**

Friday, July 12, 7:30 a.m. @ OCWD/MWDOC Joint Boardroom  
(2<sup>nd</sup> Friday)

### **Next WACO Planning Committee Meeting**

Tuesday, June 18, 7:30 a.m. @ MWDOC 101



**WACO Planning Committee**  
**Tuesday, June 18, 2019**  
**7:30 A.M.**

## **AGENDA**

### **ACTION ITEMS**

1. July 12: Voice of OC
  - Speaker: Norberto Santana
  - Confirm meeting title
  - Confirm questions you'd like addressed by speaker
2. August 2: Finalize/confirm topic and speaker(s)
  - Proposed topic: PFOA/PFOS
  - Proposed speakers: Jason Dadakis & Megan Plumlee (OCWD)
  - Proposed questions: What is it? Where does it come from? What does 70ppt mean? Cost?

### **DISCUSSION ITEMS**

1. September 6: The Plight of Producers  
Panel discussion on the challenges producers face regarding funding, hiring, consolidation, contamination, fee increases
  - Who are panelists?
    - Things to consider: north county vs south county, big vs small, cities vs water agencies
  - Who is moderator?
2. October 4: What Happens Upriver?  
What happens after water is cleaned up? What is the water allocation for upstream agencies and what do we get? Is it cheaper for agencies to leave river water than withdraw it?
  - Proposed speaker: Roy Herndon, OCWD
3. November 1: Drugs in the Water – Are We Safe?  
As medication develops better absorption, how does that impact technology made to filter out harmful substances?
  - Who would the committee like to hear speak?
4. Feedback of June 7 meeting
  - Phil Rosentrater, Salton Sea

### **INFORMATIONAL ITEMS**

1. July meeting is held on 2<sup>nd</sup> Friday due to 4<sup>th</sup> of July holiday

### **ADJOURN**

#### **Mailing Address**

P.O. Box 20895  
Fountain Valley, CA 92728

#### **Meeting Location**

18700 Ward Street  
Fountain Valley, CA 92708

(714) 378-8232  
(714) 963-0291 fax

[www.mwdoc.com/waco](http://www.mwdoc.com/waco)  
[www.ocwd.com/news-events/events/waco](http://www.ocwd.com/news-events/events/waco)

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**AGENDA**  
**Quarterly Utility Coordination Meeting**  
**Wednesday, May 29, 2019 – 10:00 A.M. - 11:00 A.M.**  
**City of Lake Forest City Hall**  
**El Toro Conference Room (1<sup>st</sup> Floor)**

1. Introductions
2. City Projects (Taylor Abernathy)
  - a. Street Sidewalk Rehab
    - Current Status – Anticipate completion June 2019
  - b. Santiago Canyon Road Safety Improvements
    - Current Status – County Lead Project, Anticipate Construction End of 2020
  - c. 2019 Citywide Roadway Improvement Project
    - Dimension Drive Street Improvements
    - Civic Center Drive Street Improvements
    - Portola Parkway Street Improvements
    - Serrano Summit – Civic Center Drive Roadway and Signal Improvements
    - Serrano Summit – Civic Center Drive Landscaping Improvements
    - TCWD Dimension Drive Driveway Improvements
      - i. Current Status – Construction started May 2019
  - d. Ridge Route Landscaping Phase 3
    - Current Status – Anticipate substantial completion May 2019
  - e. Portola Park
    - Current Status – Anticipate bidding in May 2019
  - f. I-5 Interchange Signs
    - Current Status – In Design, Anticipate Bidding June 2019
  - g. Raised Median Improvements and Repairs
    - Current Status – Bidding
  - h. Bake Parkway Trabuco/ Irvine (Ultimate)
    - Current Status – In Design, Anticipate Design and R/W by end of FY 2019-20; Construction TBD
  - i. El Toro Road and Portola/ Santa Margarita
    - Current Status – In preliminary design, Anticipate Final Design and R/W by end of FY 2019-20; Construction TBD
  - j. 7 Year Street Overlay / Slurry Program -  
Next Slurry Seal Zones:
    - Zone C (FY 2019-20)
    - Zone G (FY 2020-21)
    - Zone F (FY 2021-22)
  - k. 7 Year Street Overlay / Slurry Program -
    - Resurfacing Project Locations:
      - i. Slurry Seal Zone B – Complete

- Upcoming Resurfacing Project Locations:
  - i. Trabuco Road from Lake Forest Drive to Peachwood - Complete
- l. Civic Center Planning -
  - Rough Grading complete
  - Parking Deck complete
  - Civic Center Drive Improvements – In construction
  - Buildings - In construction
- m. Upcoming CIP FY 2019-21
  - As currently proposed, there are 38 new projects
    - i. Serrano: Toledo to El Toro
    - ii. Ridge Route: Trabuco to dead-end
    - iii. Toledo: Bake to El Toro
- 3. Development Activity in Lake Forest (Doug Erdman)
  - a. Portola Center (930 total homes)
    - Northwest – (81 Lots) – Substantially complete (Paving of Saddleback Ranch Rd between Millwood Rd and Glenn Ranch Rd –Summer 2019)
    - South – (626 Lots) - Grading, home building
    - Northeast – (223 Lots) – Grading, Street and Utilities
  - b. Shea Baker (2,392 homes total) –Six tracts under construction
  - c. Serrano Summit – In tract grading, streets, and model's
  - d. Teresina –Grading, Street, Utilities and model's
- 4. Blanket/Annual Permits (Doug Erdman) The City still requires notification if you are doing work, even if it is under the blank or annual permits.
  - a. Notification Forms
  - b. 24 hour minimum notice required
  - c. Job tracking not provided
- 5. Traffic Control Requirements related to Encroachment Permits
  - a. Use of WATCH Manual, Joint Utilities Manual, or CATTCH requires submitting location map and plan number(s) to be used
- 6. Sidewalk Inspection / Utility Lids (Matt Reagan)
  - a. Damaged utility lids identified in sidewalk hazard inspection.  
Public Works Inspector to coordinate with utilities on replacements
- 7. Pavement Moratorium -



- a. City's Pavement Moratorium is included in all Encroachment Permits
  - b. A list of streets that are under moratorium are:
    - Slurry Seals
      - i. Zones A (8/2016),
      - ii. Zone D (11/2017),
      - iii. Zone E (4/5/2018), and
      - iv. Zone B (4/2019)
    - Arterial Streets
      - i. Alton Parkway (Portola to Rancho South) (8/2017)
      - ii. Portola Parkway (Alton to El Toro Road) (7/2017)
      - iii. Bake Parkway (Portola to Lake Forest) (12/2014)
      - iv. Los Alisos (I-5 to easterly City Limit) (12/2014)
      - v. El Toro Road (Bridger to I-5) (12/2014)
      - vi. Trabuco Rd (Lake Forest to Peachwood) (4/2019)
      - vii. Saddleback Rd (Millwood to Glenn Ranch Rd) (Upcoming)
8. Status reports on projects from utility companies; new projects/project updates
- a. **AT&T –**
  - b. **COX Communications –**
  - c. **El Toro Water District –**
  - d. **Irvine Ranch Water District –**
  - e. **Southern California Gas Company –**
  - f. **Southern Calif. Edison Company –**
  - g. **Trabuco Canyon Water District –**
9. Next Meeting (08/28/2019 at 10:00 a.m.)

## **DATES TO REMEMBER**

### **JUNE/JULY 2019**

1. Jun 27 – 11:30 a.m. – ISDOC Quarterly Luncheon
2. Jun 28 – 8:00 a.m. – TV-6 (Gaskins)
3. Jun 28 – 11:30 a.m. – Chair/GM Meeting
4. Jul 1 – 8:30 a.m. – MWDOC Planning/Operations Meeting
5. Jul 1 – 1:30 p.m. – SOCWMA Management Committee Meeting
6. Jul 2 – 7:30 a.m. – ISDOC Executive Committee Meeting
7. Jul 3 – 8:30 a.m. – MWDOC/MET Directors Meeting
8. Jul 4 – INDEPENDENCE DAY – DISTRICT OFFICE CLOSED
9. Jul 5 – DISTRICT OFFICE CLOSED
10. Jul 9 – 7:30 a.m. – RRC Meeting
11. Jul 10 – 8:30 a.m. – LAFCO Meeting
12. Jul 10 – 8:30 a.m. – MWDOC Admin/Finance Committee Meeting
13. Jul 11 – 8:30 a.m. – SOCWA Board Meeting
14. Jul 12 – 7:30 a.m. – WACO Meeting
15. Jul 12 – 11:30 a.m. – Chair/GM Meeting
16. Jul 15 – 7:30 a.m. – Agenda Review Meeting
17. Jul 15 – 8:30 a.m. – MWDOC Public Affairs Meeting
18. Jul 16 – 7:30 a.m. – WACO Planning Committee Meeting
19. Jul 17 – 8:30 a.m. – MWDOC Board Meeting
20. Jul 18 – 8:30 a.m. – SOCWA Engineering Committee Meeting
21. Jul 19 – DISTRICT OFFICE CLOSED
22. Jul 23 – 7:30 a.m. – Regular Engineering/Finance Committee Meeting
23. Jul 23 – 12 Noon – South County Agencies Meeting
24. Jul 25 – 7:30 a.m. – Regular Board Meeting
25. Jul 26 – 8:00 a.m. – TV-6 (Monin)

26. Jul 30 – 7:30 a.m. – RRC Meeting
27. Jul 30 – 9:00 a.m. – ACWA Region 10 Meeting (Arroyo Club)

# EL TORO WATER DISTRICT

## Glossary of Water Terms

**Accumulated overdraft:** The amount of water necessary to be replaced in the intake area of the groundwater basin to prevent the landward movement of ocean water into the fresh groundwater body.

**Acre-foot, AF:** A common water industry unit of measurement. An acre-foot is 325,851 gallons, or the amount of water needed to cover one acre with water one foot deep. An acre-foot serves annual needs of two typical California families.

**ACWA:** Association of California Water Agencies.  
A statewide group based in Sacramento that actively lobbies State and Federal Government on water issues.

**Advanced treatment:** Additional treatment processes used to clean wastewater even further following primary and secondary treatment. Also known as tertiary treatment.

**AFY:** Acre-foot per year.

**Alluvium:** A stratified bed of sand, gravel, silt, and clay deposited by flowing water.

**AMP:** Allen McCulloch pipeline.

Major pipeline transporting treated water to water districts between Yorba Linda, where it starts to El Toro Water District reservoir, where it terminates.

**Annexation:** The inclusion of land within a government agency's jurisdiction.

**Annual overdraft:** The quantity by which the production of water from the groundwater supplies during the water year exceeds the natural replenishment of such groundwater supplies during the same water year.

**Aqueduct:** A man-made canal or pipeline used to transport water.

**Aquifer:** An underground geologic formation of rock, soil or sediment that is naturally saturated with water; an aquifer stores groundwater.

**Arid:** Dry; deserts are arid places. Semi-arid places are almost as dry as a desert.

**Artesian:** An aquifer in which the water is under sufficient pressure to cause it to rise above the bottom of the overlying confining bed, if the opportunity is provided.

**Artificial recharge:** The addition of surface water to a groundwater reservoir by human activity, such as putting surface water into recharge basins. (See also: groundwater recharge and recharge basin.)

**AWWA** American Water Works Association  
Nationwide group of public and private water purveyors and related industrial suppliers.

**Base flow:** The portion of river surface flow which remains after deduction of storm flow and/or purchased imported water.

**Bay-Delta:** The Sacramento-San Joaquin Bay-Delta is a unique natural resource of local, state and national significance. The Delta is home to more than 500,000 people; contains 500,000 acres of agriculture; provides habitat for 700 native plant and animal species; provides water for more than 25 million Californians and 3 million acres of agriculture; is traversed by energy, communications and transportation facilities vital to the economic health of California; and supports a \$400 billion economy.

**BIA:** Building Industry Association.

**Biofouling:** The formation of bacterial film (biofilm) on fragile reverse osmosis membrane surfaces.

**Biosolids:** Solid organic matter recovered from a sewage treatment process and used especially as fertilizer.

**BMP:** Best Management Practice. An engineered structure or management activity, or combination of these, that eliminates or reduces adverse environmental effects.

**Brackish water:** A mixture of freshwater and saltwater.

**Brown Act:** Ralph M. Brown Act enacted by the State legislature governing all meetings of legislative bodies. Also known as the Open Meeting requirements.

**Canal:** A ditch used to move water from one location to another.

**CASA:** California Association of Sanitation Agencies The sanitation equivalent of ACWA concerned solely with issues affecting the treatment and disposal of solid waste and wastewater.

**CEQA:** California Environmental Quality Act.

**CERCLA:** Comprehensive Environmental Response, Compensation and Liability Act. This federal law establishes the Superfund program for hazardous waste sites. It provides the legal basis for the United States EPA to regulate and clean up hazardous waste sites, and if appropriate, to seek financial compensation from entities responsible for the site.

**CFS:** Cubic feet per second.

**Chloramines:** A mixture of ammonia and chlorine used to purify water.

**Clarify:** To make clear or pure by separation and elimination of suspended solid material.

**Coagulation:** The clumping together of solids so they can more easily be settled out or filtered out of water. A chemical called aluminum sulfate (alum) is generally used to aid coagulation in water treatment and reclamation.

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**Coastkeepers:** A non-profit organization dedicated to the protection and preservation of the marine habitats and watersheds of Orange County through programs of education, restoration, enforcement and advocacy.

**Colored water:** Groundwater extracted from the basin that is unsuitable for domestic use without treatment due to high color and odor exceeding drinking water standards.

**Condensation:** The process of water vapor (gas) changing into liquid water. An example of condensation can be seen in the tiny water droplets that form on the outside of a glass of iced tea as warmer air touches the cooler glass.

**Confined aquifer:** An aquifer that is bound above and below by dense layers of rock and contains water under pressure.

**Conjunctive use:** Storing imported water in a local aquifer, in conjunction with groundwater, for later retrieval and use.

**Contaminate:** To make unclean or impure by the addition of harmful substances.

**CPCFA:** California Pollution Control Financing Authority. State agency providing funds for wastewater reclamation projects.

**Crisis:**

1. **a:** The turning point for better or worse **b:** a paroxysmal attack of pain, distress, or disordered function **c:** an emotionally significant event or radical change of status in a person's life <a midlife crisis>
2. The decisive moment (as in a literary plot)
3. **a:** An unstable or crucial time or state of affairs in which a decisive change is impending; *especially* : one with the distinct possibility of a highly undesirable outcome <a financial crisis> **b:** a situation that has reached a critical phase

**CTP** Coastal Treatment Plant

**CWPCA** California Water Pollution Control Association. A 7000 member non-profit educational organization dedicated to water pollution control.

**Dam:** A barrier built across a river or stream to hold water.

**Decompose:** To separate into simpler compounds, substances or elements.

**Deep percolation:** The percolation of surface water through the ground beyond the lower limit of the root zone of plants into a groundwater aquifer.

**Degraded water:** Water within the groundwater basin that, in one characteristic or another, does not meet primary drinking water standards.

**Delta:** Where the rivers empty; an outlet from land to ocean, also where the rivers deposit sediment they carry forming landforms.

**Delta Vision:** Delta Vision is intended to identify a strategy for managing the Sacramento-San Joaquin Delta as a sustainable ecosystem that would continue to support environmental and economic functions that are critical to the people of California.

**Demineralize:** To reduce the concentrations of minerals from water by ion exchange, distillation, electro-dialysis, or reverse osmosis.

**De-nitrification:** The physical process of removing nitrate from water through reverse osmosis, microfiltration, or other means.

**Desalting (or desalination):** Removing salts from salt water by evaporation or distillation. Specific treatment processes, such as reverse osmosis or multi-stage flash distillation, to demineralize seawater or brackish (saline) waters for reuse. Also sometimes used in wastewater treatment to remove salts other pollutants.

**Desilting:** The physical process of removing suspended particles from water.

**Dilute:** To lessen the amount of a substance in water by adding more water.

**Disinfection:** Water treatment which destroys potentially harmful bacteria.

**Drainage basin:** The area of land from which water drains into a river, for example, the Sacramento River Basin, in which all land area drains into the Sacramento River. Also called catchment area, watershed, or river basin.

**Drought:** A prolonged period of below-average precipitation.

**DPHS:** California Department of Public Health Services. Regulates public water systems; oversees water recycling projects; permits water treatment devices; certifies drinking water treatment and distribution operators; supports and promotes water system security; provides support for small water systems and for improving technical, managerial, and financial (TMF) capacity; provides funding opportunities for water system improvements.

**DVL:** Diamond Valley Lake. Metropolitan's major reservoir near Hemet, in southwestern Riverside County.

**DWR:** California Department of Water Resources. Guides development/management of California's water resources; owns/operates State Water Project and other water facilities.

**Endangered Species:** A species of animal or plant threatened with extinction.

**Endangered Species Act of 1973 (ESA):** The most wide-ranging of the dozens of United States environmental laws passed in the 1970s. As stated in section 2 of the act, it was designed to protect critically imperiled species from extinction as a "consequence of economic growth and development untended by adequate concern and conservation.

**Ecosystem:** Where living and non-living things interact (coexist) in order to survive.

**Effluent:** Wastewater or other liquid, partially or completely treated or in its natural state, flowing from a treatment plant.

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**Evaporation:** The process that changes water (liquid) into water vapor (gas).

**Estuary:** Where fresh water meets salt water.

**Evapotranspiration:** The quantity of water transpired (given off), retained in plant tissues, and evaporated from plant tissues and surrounding soil surface. Quantitatively, it is expressed in terms of depth of water per unit area during a specified period of time.

**FCH** Federal Clearing House – Environmental Review/Processing

**FEMA** Federal Emergency Management Agency

**Filtration:** The process of allowing water to pass through layers of a porous material such as sand, gravel or charcoal to trap solid particles. Filtration occurs in nature when rain water soaks into the ground and it passes through hundreds of feet of sand and gravel. This same natural process of filtration is duplicated in water and wastewater treatment plants, generally using sand and coal as the filter media.

**Flocculation:** A chemical process involving addition of a coagulant to assist in the removal of turbidity in water.

**Forebay:** A reservoir or pond situated at the intake of a pumping plant or power plant to stabilize water level; also, a portion of a groundwater basin where large quantities of surface water can recharge the basin through infiltration.

**Gray water reuse:** Reuse, generally without treatment, of domestic type wastewater for toilet flushing, garden irrigation and other non-potable uses. Excludes water from toilets, kitchen sinks, dishwashers, or water used for washing diapers.

**Green Acres Project (GAP):** A 7.5 million gallons per day (MGD) water reclamation project that serves tertiary treated recycled water to irrigation and industrial users in Costa Mesa, Fountain Valley, Huntington Beach, Newport Beach, and Santa Ana.

**God Squad:** A seven-member committee that is officially called the "Endangered Species Committee". Members consist of Secretary of the Interior, the Secretary of Agriculture, the Secretary of the Army, the Chairman of the Council of Economic Advisers, the Administrator of the National Oceanic and Atmospheric Administration and one individual from the affected state. The squad was established in 1978 by an amendment to the 1973 Endangered Species Act (ESA). It has only been called into action three times to deal with proposed federal agency actions that have been determined to cause "jeopardy" to any listed species. Such actions may receive an exemption from the ESA if five members of the committee determine that the action is of regional or national significance, that the benefits of the action clearly outweigh the benefits of conserving the species and that there are no reasonable and prudent alternatives to the action.

**Groundwater:** Water that has percolated into natural, underground aquifers; water in the ground, not water puddled on the ground.

**Groundwater basin:** A groundwater reservoir defined by the overlying land surface and the underlying aquifers that contain water stored in the reservoir. Boundaries of success-ively deeper aquifers may differ and make it difficult to define the limits of the basin.

**Groundwater mining:** The withdrawal of water from an aquifer in excess of recharge over a period of time. If continued, the underground supply would eventually be exhausted or the water table could drop below economically feasible pumping lifts.

**Groundwater overdraft:** The condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years during which water supply conditions approximate average.

**Groundwater recharge:** The action of increasing groundwater storage by natural conditions or by human activity. See also: Artificial recharge.

**Ground Water Replenishment System (GWRS):** A joint project of the Orange County Water District and the Orange County Sanitation District that will provide up to 100,000 acre-feet of reclaimed water annually. The high-quality water will be used to expand an existing underground seawater intrusion barrier and to replenish the groundwater basin underlying north and central Orange County.

**Groundwater table:** The upper surface of the zone of saturation (all pores of subsoil filled with water), except where the surface is formed by an impermeable body.

**GPM:** Gallons per minute.

**Ground Water Replenishment System (GWRS):** Orange County Water District's state-of-the-art, highly advanced, waste-water treatment facility.

**Hydrologic balance:** An accounting of all water inflow to, water outflow from, and changes in water storage within a hydrologic unit over a specified period.

**Hydrologic cycle:** The process of water constantly circulating from the ocean, to the atmosphere, to the earth in a form of precipitation, and finally returning to the ocean.

**Imported water:** Water that has originated from one hydrologic region and is transferred to another hydrologic region.

**Inflatable rubber dams:** Designed to replace temporary sand levees that wash out during heavy storm flow, the dams hold back high-volume river flows and divert the water into the off-river system for percolation.

**Influent:** Water or wastewater entering a treatment plant, or a particular stage of the treatment process.

**Irrigation:** Applying water to crops, lawns or other plants using pumps, pipes, hoses, sprinklers, etc.

**JPIA** Joint Powers Insurance Authority. A group of water agencies providing self-insurance to members of the ACWA.

**LAIF** Local Agency Investment Fund. Statewide pool of surplus public agency money managed by State Treasurer.

**Leach:** To remove components from the soil by the action of water trickling through.

**MAF:** Million acre feet.

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**MCL:** Maximum contaminant level set by EPA for a regulated substance in drinking water. According to health agencies, the maximum amount of a substance that can be present in water that's safe to drink and which looks, tastes and smells good.

**MET:** Metropolitan Water District of Southern California.

**MGD:** Million gallons per day.

**Microfiltration:** A physical separation process where tiny, hollow filaments members separate particles from water.

**Microorganism:** An animal or plant of microscopic size.

**MWD:** Metropolitan Water District of Southern California.

**MWDOC:** Municipal Water District of Orange County. Intermediate wholesaler between MWD and 27 member agencies including ETWD.

**Non-point source pollution:** Pollution that is so general or covers such a wide area that no single, localized source of the pollution can be identified.

**NPDES** National Pollution Discharge Elimination System

**OCBC:** Orange County Business Council.

**OCEMA** Orange County Environmental Management Agency

**OCWD:** Orange County Water District.

**Opportunity:**

1. A favorable juncture of circumstances.
2. A good chance for advancement or progress .

**Organism:** Any individual form of life, such as a plant, animal or bacterium.

**PCM** Professional Community Management, Inc. Property Management company providing services to Laguna Woods Village and other homeowner associations.

**Perched groundwater:** Groundwater supported by a zone of material of low permeability located above an underlying main body of groundwater with which it is not hydrostatically connected.

**Percolation:** The downward movement of water through the soil or alluvium to the groundwater table.

**Permeability:** The capability of soil or other geologic formations to transmit water.

**Point source:** A specific site from which waste or polluted water is discharged into a water body, the source of which is identified. See also: non-point source.

**Potable water:** Suitable and safe for drinking.

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**PPB:** Parts per billion.

**Precipitation:** Water from the atmosphere that falls to the ground as a liquid (rain) or a solid (snow, sleet, hail).

**Primary treated water:** First major treatment in a wastewater treatment facility, usually sedimentation but not biological oxidation.

**Primary treatment:** Removing solids and floating matter from wastewater using screening, skimming and sedimentation (settling by gravity).

**Prior appropriation doctrine:** Allocates water rights to the first party who diverts water from its natural source and applies the water to beneficial use. If at some point the first appropriator fails to use the water beneficially, another person may appropriate the water and gain rights to the water. The central principle is beneficial use, not land ownership.

**Pumping Plant:** A facility that lifts water up and over hills.

**Recharge:** The physical process where water naturally percolates or sinks into a groundwater basin.

**Recharge basin:** A surface facility, often a large pond, used to increase the infiltration of surface water into a groundwater basin.

**Reclaimed wastewater:** Wastewater that becomes suitable for a specific beneficial use as a result of treatment. See also: wastewater reclamation.

**Reclamation project:** A project where water is obtained from a sanitary district or system and which undergoes additional treatment for a variety of uses, including landscape irrigation, industrial uses, and groundwater recharge.

**Recycling:** A type of reuse, usually involving running a supply of water through a closed system again and again. Legislation in 1991 legally equates the term "recycled water" to reclaimed water.

**Reservoir:** A place where water is stored until it is needed. A reservoir can be an open lake or an enclosed storage tank.

**Reverse osmosis:** (RO) A method of removing salts or other ions from water by forcing water through a semi-permeable membrane.

**RFP** Request for Proposal

**Riparian:** Of or on the banks of a stream, river, or other body of water.

**RO:** Reverse osmosis. See the listing under "reverse osmosis."

**R-O-W** Right-of-way

**Runoff:** Liquid water that travels over the surface of the Earth, moving downward due to gravity. Runoff is one way in which water that falls as precipitation returns to the ocean.

**RWQCB** Regional Water Quality Control Board. State agency regulating discharge and use of recycled water.

**Safe Drinking Water Act (SDWA):** The Safe Drinking Water Act (SDWA) was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (SDWA does not regulate private wells which serve fewer than 25 individuals.) SDWA authorizes the United States Environmental Protection Agency (US EPA) to set national health-based standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water. US EPA, states, and water systems work together to make sure that these standards are met.

**Safe yield:** The maximum quantity of water that can be withdrawn from a groundwater basin over a long period of time without developing a condition of overdraft, sometimes referred to as sustained yield.

**SAFRA** Santa Ana River Flood Protection Agency

**Salinity:** Generally, the concentration of mineral salts dissolved in water. Salinity may be measured by weight (total dissolved solids - TDS), electrical conductivity, or osmotic pressure. Where seawater is known to be the major source of salt, salinity is often used to refer to the concentration of chlorides in the water.

**SAWPA:** Santa Ana Watershed Project Authority.

**SCADA** Supervisory Control and Data Acquisition

**SCAP** Southern California Alliance of Publicly. Newly formed group of public agencies seeking reasonable regulation of sewer industry.

**SCH** State Clearing House – Environmental Review/Processing

**Seasonal storage:** A three-part program offered by Metropolitan Water District of Southern California:

**STSS (Short Term Seasonal Storage)** financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;

**LTSS (Long Term Seasonal Storage)** financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

**Seawater intrusion:** The movement of salt water into a body of fresh water. It can occur in either surface water or groundwater basins.

**Seawater barrier:** A physical facility or method of operation designed to prevent the intrusion of salt water into a body of freshwater.

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**Secondary treatment:** The biological portion of wastewater treatment which uses the activated sludge process to further clean wastewater after primary treatment. Generally, a level of treatment that produces 85 percent removal efficiencies for biological oxygen demand and suspended solids. Usually carried out through the use of trickling filters or by the activated sludge process.

**Sedimentation:** The settling of solids in a body of water using gravity.

**Settle:** To clarify water by causing impurities/solid material to sink to a container's bottom.

**Sewer:** The system of pipes that carries wastewater from homes and businesses to a treatment plant or reclamation plant. Sewers are separate from storm drains, which is a system of drains and pipes that carry rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged.

**SigAlert:** Any unplanned event that causes the closing of one lane of traffic for 30 minutes or more, as opposed to a planned event, like road construction, which is planned.

**SJBA** San Juan Basin Authority

**Sludge:** The solids that remain after wastewater treatment. This material is separated from the cleaned water, treated and composted into fertilizer. Also called biosolids.

**SOCWA** South Orange County Wastewater Authority. Regional Joint Powers Authority formed for collection and treatment of sewerage (previously known as AWMA/SERRA/SOCRA). SOCWA member agencies:

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

**SRF** State Revolving Fund

**Storm Drain:** The system of pipes that carries rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain

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water is not treated before it is discharged. Storm drains are separate from sewers, which is a separate system of pipes to carry wastewater from homes and businesses to a treatment plant or reclamation plant for cleaning.

**Storm flow:** Surface flow originating from precipitation and run-off which has not percolated to an underground basin.

**SWP:** State Water Project. An aqueduct system that delivers water from northern California to central and southern California.

**SWRCB** State Water Resources Control Board

**TDS:** Total dissolved solids. A quantitative measure of the residual minerals dissolved in water that remain after evaporation of a solution. Usually expressed in milligrams per liter.

**Tertiary treatment:** The treatment of wastewater beyond the secondary or biological stage. Normally implies the removal of nutrients, such as phosphorous and nitrogen, and a high percentage of suspended solids.

**THM:** Trihalomethanes. Any of several synthetic organic compounds formed when chlorine or bromine combine with organic materials in water.

**TMA:** Too many acronyms.

**TMDL:** Total maximum daily load; A quantitative assessment of water quality problems, contributing sources, and load reductions or control actions needed to restore and protect bodies of water.

**Transpiration:** The process in which plant tissues give off water vapor to the atmosphere as an essential physiological process.

**Turbidity:** Thick or opaque with matter in suspension; muddy water.

**Ultraviolet light disinfection:** A disinfection method for water that has received either secondary or tertiary treatment used as an alternative to chlorination.

**VE** Value Engineering

**VOC:** Volatile organic compound; a chemical compound that evaporates readily at room temperature and contains carbon.

**Wastewater:** Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result.

**Water Cycle:** The continuous process of surface water (puddles, lakes, oceans) evaporating from the sun's heat to become water vapor (gas) in the atmosphere. Water condenses into clouds and then falls back to earth as rain or snow (precipitation). Some precipitation soaks into the ground (percolation) to replenish groundwater supplies in underground aquifers.

**Water rights:** A legally protected right to take possession of water occurring in a natural waterway and to divert that water for beneficial use.

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**Water-use Efficiency:** The water requirements of a particular device, fixture, appliance, process, piece of equipment, or activity.

**Water year (USGS):** The period between October 1st of one calendar year to September 30<sup>th</sup> of the following calendar year.

**Watermaster:** A court appointed person(s) that has specific responsibilities to carry out court decisions pertaining to a river system or watershed.

**Water Reclamation:** The treatment of wastewater to make it suitable for a beneficial reuse, such as landscape irrigation. Also called water recycling.

**Watershed:** The total land area that from which water drains or flows to a river, stream, lake or other body of water.

**Water table:** The top level of water stored underground.

**WEF** Water Environment Federation. Formerly – Water Pollution Control Federation (WPCF). International trade group advising members of sewage treatment techniques and their effect on the environment.

**Weir box:** A device to measure/control surface water flows in streams or between ponds.

**Wellhead treatment:** Water quality treatment of water being produced at the well site.

**Wetland:** Any area in which the water table stands near, at, or above the land surface for a portion of the year. Wetlands are characterized by plants adapted to wet soil conditions.

**Xeriscape:** Landscaping that requires minimal water.