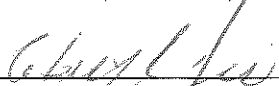


PI hereby certify that the following agenda was posted at least 72 hours prior to the time of the meeting so noticed below at 24251 Los Alisos Boulevard, Lake Forest, California.



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

AGENDA

EL TORO WATER DISTRICT REGULAR MEETING OF THE BOARD OF DIRECTORS

September 27, 2018
7:30 a.m.

CALL MEETING TO ORDER – President Goldman

PLEDGE OF ALLEGIANCE – Vice President Vergara

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 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.)

PRESENTATION OF AWARDS, RECOGNITIONS AND INTRODUCTIONS

a. Service Awards

No acknowledgement this month.

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

No acknowledgement this month.

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

No acknowledgement this month.

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

Consider approving minutes of the August 16, 2018 Special Board meeting.

Consider approving the minutes of the August 21, 2018 Engineering Committee meeting.

Consider approving the minutes of the August 21, 2018 Finance Committee meeting.

Consider approving minutes of the August 23, 2018 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

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

GENERAL MANAGER ACTION ITEMS

3. **R-6 Reservoir Sodium Hypochlorite Tank Replacement Project** (Reference Material Included)

Staff will review and comment on the construction contract for the R-6 Reservoir Sodium Hypochlorite Tank Project.

Recommended Action: Staff recommends that the Board of Directors authorize the District's General Manager to enter into a contract with S.S. Mechanical Construction Corp. in the amount of \$213,224.00 for construction of the R-6 Reservoir Sodium Hypochlorite Tank Project. Staff also recommends that the Board authorize the General Manager to fund the project costs from the District's Capital Reserves in accordance with the District's adopted Capital Reserve Policy.

4. **ETWD Emergency Storage Analysis/Formation of a South Orange County Water Storage Coalition** (Reference Material Included)

Staff will review and comment on 1) Staff's preliminary assumptions, resources and strategy to meet curtailed water demands in response to a 60-day outage of the Diemer Water Filtration Plant, and 2) a proposal by SMWD to form a South Orange County Water Storage Coalition.

Recommended Action: Staff recommends that the Board of Directors consider authorizing the General Manager to prepare and submit a non-binding letter of interest to SMWD to participate in the proposed South Orange County Water Storage Coalition.

5. **Proposed Ratification of a Revision to the Employee Handbook** (Reference Material Included)

Staff will review and comment on the necessity to ratify a revision to Section VI – Management/Employee Relations – Expenses & Expense Accounts of the Employee Handbook increasing the Safety Boot Allowance from \$200 to \$300.

Recommended Action: Staff recommends that the Board of Directors consider ratifying a revision to Section VI – Management/Employee Relations – Expenses & Expense Accounts of the Employee Handbook increasing the Safety Boot Allowance from \$200 to \$300 retroactively to July 1, 2018.

6. **MWDOC Legislative Policy Principles** (Reference Material Included)

Staff will review and comment on MWDOC's current Legislative Policy Principles that they are intending to review and update as part of their annual process. Each year MWDOC seeks feedback and/or concerns from their member agencies. MWDOC is requesting that any feedback and/or concerns be provided no later than Friday, October 5th. From a Staff perspective, the Policy Principles appear to be representative of the interests of MWDOC and its member agencies locally, regionally and statewide.

Recommended Action: Staff recommends that the Board of Director's provide Staff with any feedback that Staff can share with MWDOC Staff on or before October 5th.

7. **Resolution No. 18-9-2 Biennial Review of Conflict of Interest Code**
(Reference Material Included)

The Political Reform Act ("Act"), Government Code Section 81000 et seq., requires that the District review it's Conflict of Interest Code every even numbered year to determine if there is a need to amend the Code, the Designated Positions, and/or the Designated Categories.

Staff has reviewed the current Conflict of Interest Code and recommends amendments by adopting Resolution No. 18-9-2.

Recommended Action: Staff recommends that the Board of Directors 1) approve and adopt Resolution No. 18-9-2, and 2) authorize the Recording Secretary to disclose to the County Board of Supervisors Office using e-Disclosure that the District's Conflict of Interest will be amended in 2018.

RESOLUTION NO. 18-9-2
OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
ADOPTING AN EIGHTH AMENDED
CONFLICT OF INTEREST CODE

8. **Resolution No. 18-9-3 Supporting Water Professionals Appreciation Week**
(Reference Material Included)

Staff will review and comment on Resolution No. 18-9-3 which supports Water Professional Appreciation Week. Water Professionals Appreciation Week was established by Senate Concurrent Resolution 80 (SCR 80), approved by the Legislature on September 13, 2017. This year's Water Professional Appreciation Week runs from October 6th to the 14th.

Recommended Action: Staff recommends that the Board of Directors approve Resolution No. 18-9-3 Supporting Water Professionals Appreciation Week.

RESOLUTION NO. 18-9-3
OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
IN SUPPORT OF
WATER PROFESSIONALS APPRECIATION WEEK

GENERAL MANAGER INFORMATION ITEMS

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

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

10. **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.

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

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

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

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

- a. SOCWA Board Meeting – September 6, 2018
- b. SOCWA Engineering Committee Meeting – September 13, 2018
- c. SOCWA Finance Committee Meeting – September 19, 2018

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

- a. MWDOC Planning/Operations Committee – September 4, 2018
- b. MWDOC/MET Directors Workshop – September 5, 2018
- c. MWDOC Administration & Finance Committee – September 12, 2018
- d. MWDOC Public Affairs & Legislation Committee –September 17, 2018
- e. MWDOC Board Meeting – September 19, 2018
- f. MWDOC Managers Meeting – September 20, 2018

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

- a. Report on the September 12, 2018 LAFCO meeting

16. **South Orange County Watershed Management Area (SOCWMA) Management and/or Executive Committee Report**
 - a. Report on the September 10, 2018 Executive Committee meeting
17. **ISDOC Meetings** (Reference Material Included)
 - a. Report on the September 4, 2018 ISDOC Executive Committee Meeting
18. **WACO Meetings** (Reference Material Included)
 - a. Report on the September 7, 2018 WACO Meeting
 - b. Report on the September 18, 2018 WACO Planning Committee meeting
19. **City Coordination Efforts**
 - a. Report on the August 29, 2018 Lake Forest Utility Coordination Meeting

COMMITTEE AND GENERAL INFORMATION

20. **Dates to Remember for September/October 2018** (Reference Material Included)
21. **Carry-Over Pending Matters** (Reference Material Included)

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. In accordance with Government Code Section 54956.9 (d)(3) to consider taking action on a claim for damages to underground electrical facilities filed by Southern California Edison (SCE) dated August 20, 2018.

REGULAR SESSION

REPORT ON CLOSED SESSION (Legal Counsel)

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

ADJOURNMENT

Recommended Action: The Board will be requested to take action adjourning today's Board meeting to **Thursday, October 25, 2018 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.

MINUTES OF THE SPECIAL MEETING
OF THE
BOARD OF DIRECTORS
OF THE
EL TORO WATER DISTRICT
August 16, 2018

President Goldman called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 7:30 o'clock a.m. on August 16, 2018 at the El Toro Water District Administrative Offices, 24251 Los Alisos Boulevard, Lake Forest, California.

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

Directors M. SCOTT GOLDMAN, JOSE F. VERGARA, MARK MONIN, FRED ADJARIAN, and KATHRYN FRESHLEY were present.

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, POLLY WELSCH, Recording Secretary, GILBERT J. GRANITO, General Counsel and Richard Babbe, PFM Investment Advisor.

Oral Communications - Public Comments

President Goldman 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 public comments.

Items Received Too Late to be Agendized

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

Investment Workshop

Cash Reserve Investment Workshop

Mr. Hill stated that a brief cover memo is included to remind the Board that the intention of the Investment Workshop is to facilitate discussion between the Board, staff, and PFM regarding the District's current Cash Reserve Investment strategy, the current and forecasted economic environment and whether a modification to the current investment strategy is warranted.

Mr. Hill stated that the last workshop of this nature was September 2016.

Mr. Hill stated that included in the package is a Cash and Investment schedule which is included in each month's Finance report. He further stated that this report summarizes and shows return on investments.

Mr. Hill stated that staff has reviewed the District's Investment Policy with PFM and is not suggesting any changes to the current policy.

Mr. Babbe provided an overview of PFM's investment approach.

Mr. Babbe reviewed the investment parameters and the nature of how investments perform over time. He further stated that there are certain parameters they must adhere to accommodate future liquidity needs of the District.

Mr. Babbe stated that the Government Code determines the types of fixed income investments in which a public agency may invest. He further stated that

within the parameters allowed by the Government Code, the District's investment policy determines the requirements for the investments in the portfolio.

Mr. Babbe stated that there are a number of factors involved with investing in fixed income securities. He further stated that interest rates fluctuate daily based on market factors, which has a significant impact on the portfolio's performance.

Mr. Babbe stated that over interest rate cycles, longer duration portfolios and the greater use of corporate securities in a portfolio have generated higher average returns; however the relationship in any period can be very different.

Mr. Babbe stated that central banks were very active in trying to keep interest rates low. He further stated that although longer duration portfolios have provided higher average returns, they have demonstrated greater volatility on a period by period basis and during higher interest rate conditions have underperformed shorter duration portfolio investments.

Mr. Babbe stated that the average treasury yields calculate the periodic return of a portfolio from income and change in market value. He further stated that the yield on a 3-year U.S. Treasury is up, but most of the increase occurred before mid May with the yield trading within a range in recent months given market uncertainty.

Mr. Babbe stated that the Fed expects 2 additional rate hikes in 2018, but rate actions depend on actual conditions that develop. He further stated that key strategy decisions should be made to best fit the District's investment strategies recognizing that no one strategy/approach is best in all conditions.

Mr. Babbe stated that PFM is a fiduciary investment advisor, and not a broker.

Director Monin asked what the LAIF and CAMP return percentages are. Mr. Babbe replied that as of the end of the day yesterday the 7 day yield for CAMP was 2.12% for the money market like fund. Mr. Hill stated that LAIF is 1.94% as of July 31st.

Director Monin asked if the amount shown on the slide is gross of fees or net? Mr. Babbe replied that as of July there was approximately \$9 million in CAMP.

Mr. Babbe stated that the portfolio's yield continues to trend higher as it adjusts to current interest rate levels.

Director Freshley asked how much money is in the CAMP fund. Mr. Babbe replied that the District has very little liquidity in the CAMP pool.

President Goldman asked about the Portfolio Maturity Distribution. Mr. Babbe stated that individual investments are concentrated in the 1-3 year maturity range, consistent with the benchmark, and the District maintains assets in LAIF to provide liquidity and a cushion against market value fluctuations.

Mr. Babbe stated that PFM will use whatever strategy our District wants.

Mr. Hill stated that this meeting was for the Board and management staff to have discussion on the current strategy on investments.

Director Monin stated that the District needs to do better on investments, and he suggested using a shorter term strategy.

President Goldman agreed to Director Monin's suggestion to shorten up our timeframe on the District's investment strategy.

Mr. Babbe stated that they could buy a 3-month investment rather than a 2-year investment. Director Monin suggested that we could be doing 2.5% in LAIF and CAMP at the end of the year.

Director Monin suggested that staff report on the LAIF fund and CAMP investments each month during the Finance report. He further stated that we should review if there are any investments we can liquidate without taking a loss.

Director Freshley asked if we put funds monthly into the account, and if so does it go into CAMP? Mr. Hill replied that we do not put money monthly into the Cash Reserves, they are reconciled at the end of the fiscal year. President Goldman stated that we have been drawing on the Cash Reserves until the State Loan check is received which will replenish the Cash Reserves. Mr. Cafferty stated that we would replenish the Board mandated Reserve amount, and remainder into LAIF. He further stated that we have not had to liquidate any funds to meet expenses.

President Goldman asked if staff would need to revise the Investment Policy. Mr. Hill replied no, the policy is broad enough that it will not need to be revised.

Mr. Babbe stated that CAMP will not invest in any new funds until reviewing low yield funds and analyze the higher investment opportunities while we determine the best way to get a better strategy.

President Goldman stated that he would like to limit putting anything on hold and incurring losses while the strategic evaluation proceeds.

Director Freshley stated that long-term investments give a better return than the short-term investments, and she feels it costs more to play than have a strategy and hang in there for the longer term.

Mr. Babbe stated that they will review risks in the portfolio and amount of returns in short-term and long-term investments. He further stated that their fees are based on the District's assets and CAMP's management of the portfolio.

Mr. Hill stated that the Board should consider providing guidance to the Investment Advisor to evaluate and identify a prudent investment strategy change that accomplishes the best return for the portfolio and report back to the Board at a future date.

Ms. Shahbakhti stated that more than 60% of the District's investments have been making money for the CAMP portfolio.

Mr. Hill stated that at the next Finance meeting, we will closely review the investments.

President Goldman asked for a Motion.

Motion: Director Monin made a Motion, seconded by Vice President Vergara and unanimously carried across the Board, to direct the Investment Advisor to evaluate a change in investment strategy that takes into consideration the current and forecasted interest rate environment, current investment maturity dates, any opportunities to prudently move to shorter term investments and report back to the Board.

Roll Call Vote:

Vice President Vergara	aye
President Goldman	aye
Director Monin	aye
Director Adjarian	aye
Director Freshley	aye

Mr. Hill stated that Mr. Babbe will review the investment strategy alternatives and come back to the Board at a future date for additional discussion on the District's portfolio.

Adjournment

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

Motion: Director Adjarian moved, seconded by Director Monin and unanimously carried across the Board that today's meeting be hereby adjourned at 8:50 o'clock a.m.

President Goldman called for a Roll Call vote.

Roll Call Vote

Director Monin	aye
Director Adjarian	aye
President Goldman	aye
Vice President Vergara	aye
Director Freshley	aye

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

M. SCOTT GOLDMAN, 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

MINUTES OF THE REGULAR MEETING
OF THE
ENGINEERING COMMITTEE MEETING

August 21, 2018

Vice President Vergara called the Meeting of the Engineering Committee to order at 7:30 a.m. on August 21, 2018.

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

Present at today's meeting were Committee Members M. SCOTT GOLDMAN, JOSE F. VERGARA, MARK MONIN, KATHRYN FRESHLEY, and FRED ADJARIAN.

Also present were ROBERT R. HILL, General Manager/Secretary, DENNIS P. CAFFERTY, Assistant General Manager/District Engineer, JUDY CIMORELL, Human Resources Manager, RICK OLSON, Operations Superintendent, NEELY SHAHBAKHTI, Finance Manager/Controller, RICK OLSON, Operations Superintendent, MIKE MIAZGA, IT Manager, GILBERT J. GRANITO, General Counsel, BOB ADAMS, HighMark Representative, KEITH STRIBLING, HighMark Representative, POLLY WELSCH, Recording Secretary, and CAROL MOORE, Laguna Woods Mayor.

Oral Communication/Public Comment

There were no comments.

Items Received too Late to be Agendized

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

Consent Calendar

Approval of the Minutes

Vice President Vergara had some corrections to the minutes, which the Recording Secretary will correct.

Vice President Vergara asked for a Motion

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

Roll Call Vote

Director Adjarian	aye
Director Monin	aye
President Goldman	aye
Vice President Vergara	aye
Director Freshley	aye

Quarterly Review of the District's 401(k) Retirement Savings Plan

Mr. Hill stated that Bob Adams of HighMark will be retiring and Keith Stribling will be taking over for him.

Mr. Adams stated that he has enjoyed working with ETWD's Board and management staff.

Mr. Adams stated that the Investment Pool Allocation page shows the four age-based investment pools and asset allocation as they were at the end of the second quarter. He further stated that these investment pools have now morphed into 7 portfolios which are fully funded and invested.

Mr. Adams stated that management staff, Prudential, and US Bank were very helpful in this transition. He further stated that the next quarterly report will reflect the changes.

Mr. Adams stated that on the capital preservation slide, the middle column will disappear while having only one benchmark. He further stated that there were pretty good returns on the long-term investments.

Mr. Adams stated that they added the ticker EEIIX, Eaton Vance Emerging Markets Local Income Fund. Director Monin asked why they added this particular fund. Mr. Adams replied that their investment team felt this fund has a good chance to increase.

Mr. Stribling stated that all International investments are weak and affected by the interest rate changes. Director Monin asked what is the yield and duration on the fund. Mr. Adams replied that they will get this information and reply back to staff.

Director Monin asked about the 2-star funds and if the Nationwide Bailard is new to the portfolio. Mr. Stribling stated no, that Nationwide Bailard and Dodge & Cox are on the watch list. Mr. Adams added that the Artisan Mid Cap is not on the watch list.

Mr. Stribling explained the investment process and how their group reviews the value funds and how they are performing. Director Monin asked how much time a fund is given when they are continuously underperforming. Mr. Stribling replied that their investment team reviews the underperforming funds and replaces them as needed.

Director Monin asked if they could see if their process includes a timeframe for underperforming funds and when to make changes, and get back to the Board.

Director Freshley stated that emerging market funds could change how secure these funds are.

Mr. Adams stated that small cap funds are also reviewed each quarter.

At approximately 7:51 o'clock a.m. Mr. Adams and Mr. Stribling left the meeting.

Engineering Action Items

Advanced Metering Infrastructure (AMI) Feasibility Study & Alternatives Analysis

Mr. Cafferty stated that AMI systems consist of small, low-power radio transmitters connected to water meters that send readings to a network of receivers throughout the system several times a day. He further stated that the District sent an RFP for the Feasibility Study & Alternatives Analysis to 7 firms and received 3 proposals.

Mr. Cafferty stated that staff reviewed the proposals and project costs and came to the conclusion that MC Engineering was the best choice. He further stated that MC Engineering is prepared to begin work upon the award of a contract and estimates a 6-month timeline to complete the project.

Mr. Cafferty stated that speed to implement the project is an option, which could drive costs. He further stated that funding options will also be reviewed.

Mr. Cafferty stated that total project costs for implementation of an AMI Project will be reviewed with the Board following completion of the Feasibility Study. He further stated that the District's current SCADA system based on old phone system that will not be sustainable for the long-term.

Director Adjarian asked if customers will be informed of this project and the added information would it be in real time. Mr. Cafferty replied that this would be a benefit to customers, and the scope of work in the RFP didn't discuss customer outreach, but staff could work with Communications Lab on customer outreach. Mr. Cafferty further noted that the meter reads will not be real time but will provide

consumption data several times a day as opposed to the current practice of manual monthly reads.

Director Freshley asked if we could consider a portal on the website for customers to check their water usage. Mr. Cafferty replied that the scope of work includes evaluation of customer portals that would provide customers access to their daily consumption data.

Vice President Vergara stated that he attended a meeting where IRWD gave a presentation on their new system where they hired two people to check for leaks, and they found approximately \$1 million in water that was used illegally.

Vice President Vergara asked for a Motion.

Motion: Director Adjarian made a Motion, seconded by Director Monin, and unanimously carried across the Board to authorize the General Manager to enter into a Consultant Contract with MC Engineering, Inc. in the amount of \$64,550 to prepare a AMI Feasibility Study and Alternatives Analysis.

Roll Call Vote

Director Adjarian	aye
Director Monin	aye
President Goldman	aye
Vice President Vergara	aye
Director Freshley	aye

At approximately 8:10 o'clock a.m. Mr. Miazga left the meeting.

Engineering General Information Items

Capital Project Status Report

Oso Lift Station Improvement Project

Mr. Cafferty stated that we are currently close to the completion of design and staff is working on the documents to facilitate a property transfer for a 10-foot strip on the east side of the site.

President Goldman asked if this is a permanent transfer. Mr. Cafferty replied yes.

Recycled Water

Mr. Cafferty stated that construction on the East Side System Distribution System is complete, and construction is in progress on the West Side System.

Mr. Cafferty stated that staff is preparing to bid a retrofit project on the East Side System and certain sites in the West Side System. He further stated that he anticipates bringing a contract recommendation to the Board in September.

State Revolving Fund Agreement/Project Funding

Mr. Cafferty stated that the District received confirmation from the State of the approval of the first disbursement request in an amount of nearly \$5 million. He further stated that the disbursement request has been forwarded to the State Controllers office for payment.

Los Alisos Bridge Repair Project

Mr. Cafferty stated that staff is working with CalTrans on determining if we will be able to install a pipeline over the I-5 freeway at the Los Alisos bridge.

Engineering Items Discussed at Various Conferences and Meetings

There were no comments.

Comments Regarding Non-Agenda Engineering Committee Items

Mr. Hill stated that SMWD is trying to develop a South Orange County Water

Storage Coalition to look at options for improving storage reliability in South Orange County. He further stated that they are asking for a non-binding letter of interest by September 30th with the amount of storage each agency may be interested in.

Mr. Cafferty stated that Irvine Lake is also being considered for emergency storage for supply to the Baker Water Treatment Plant.

Director Freshley asked how many days capacity does ETWD have. Mr. Cafferty replied that it depends on several variables including demand conditions. Mr. Cafferty stated that in some conditions including the Baker supply, ETWD has well over 30 days and may get close to 60 days.

Adjournment

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

Motion: Director Monin made a Motion, seconded by Director Adjarian and unanimously carried that today's meeting be adjourned at 8:33 o'clock a.m. to Tuesday, September 25, 2018 at 7:30 o'clock a.m. at the District's Administrative Offices at 24251 Los Alisos Blvd, Lake Forest, CA. 92630.

Roll Call:

Director Monin	aye
Director Adjarian	aye
President Goldman	aye
Vice President Vergara	aye
Director Freshley	aye

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

M. SCOTT GOLDMAN, 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

MINUTES OF THE REGULAR MEETING
OF THE
FINANCE/INSURANCE COMMITTEE MEETING

August 21, 2018

Director Monin called the Meeting of the Finance/Insurance Committee to order at 8:36 a.m. on August 21, 2018.

Present at today's meeting were Committee Members M. SCOTT GOLDMAN, JOSE F. VERGARA, MARK MONIN, and KATHRYN FRESHLEY.

Committee Member FRED ADJARIAN was absent.

Also present were ROBERT R. HILL, General Manager/Secretary, DENNIS P. CAFFERTY, Assistant General Manager/District Engineer, JUDY CIMORELL, Human Resources Manager, RICK OLSON, Operations Superintendent, NEELY SHAHBAKHTI, Finance Manager/Controller, RICK OLSON, Operations Superintendent, MIKE MIAZGA, IT Manager, GILBERT J. GRANITO, General Counsel, BOB ADAMS, HighMark Representative, KEITH STRIBLING, HighMark Representative, POLLY WELSCH, Recording Secretary, and CAROL MOORE, Laguna Woods Mayor.

Consent Calendar

1. Approval of Minutes
2. Finance Report

Director Freshley asked for the Finance report to be pulled from the Consent Calendar for further discussion.

Vice President Vergara suggested some amendments to the minutes. The Recording Secretary will make the changes.

Director Monin asked for a Motion to approve the Consent Calendar with the

Finance report pulled.

Motion: President Goldman made a Motion, seconded by Director Vergara, and unanimously carried across the Board to approve the Consent Calendar with the Finance report pulled for further discussion.

Roll Call Vote:

Vice President Vergara	aye
President Goldman	aye
Director Monin	aye
Director Freshley	aye

Approval of Items Removed from Today's FIC Consent Calendar

Finance Report

Mr. Hill stated that the Cash Investment Schedule shall be reviewed.

Ms. Shahbakhti stated that in LAIF there is \$3.5 million, and the US Treasury investments are in CAMP. Mr. Hill stated that the \$5 million from the State reimbursement will go into LAIF.

Ms. Shahbakhti stated that the Income Statement, account 4985 reflects the Market Value change against the original costs.

Director Monin asked for a Motion to approve the Finance report of the Consent Calendar.

Motion: President Goldman made a Motion, seconded by Vice President Vergara, and unanimously approved across the Board to approve the Finance report of the Consent Calendar.

Roll Call Vote:

Vice President Vergara	aye
President Goldman	aye

Director Monin
Director Freshley

aye
aye

Finance Action Items

Director Compensation Policy and Travel Expense Reimbursement Policy Review

President Goldman asked to review these policies with the Board and management staff.

Mr. Hill stated that staff reviewed the Travel and Expense Policy and had no recommended changes to the Employee section of this policy.

President Goldman stated that on the Directors Compensation policy it defines what qualifies as an event, and the amount of compensation the Directors receive.

President Goldman stated that the meetings coordinate with the Standing Committee meeting schedule which is adopted by Resolution, and show the Primary and Alternates. He further stated that there is no need to amend this policy at this time.

Mr. Hill stated that there is also an estimated 2018-2019 conference cost schedule.

Mr. Hill stated that these policies are being reviewed today and if changes are needed, they will be brought back next month and adopted by Resolutions.

Mr. Hill stated that the Board needs to determine whether the current Director budget is enough to accommodate the cost of the conferences.

President Goldman stated that the cost of the conferences average \$1,000 per conference, and suggests that we increase the Directors budget to \$7,000 per fiscal year.

Director Monin asked for a Motion.

Motion: Director Monin made a Motion, seconded by Vice President Vergara, to authorize staff to make the amendment to the Travel & Expense Reimbursement Policy which increases the Directors budget for the fiscal year, and to prepare the necessary Resolution to be considered at a subsequent Board meeting.

Roll Call Vote

Vice President Vergara	aye
Director Monin	aye
Director Freshley	aye
President Goldman	aye

Resolution No. 18-8-1 Modifying Appointment of ETWD Standing Committee Members for the Calendar Year 2018

President Goldman stated that he made some changes to include Director Freshley on some of the meetings as Primary and Alternate.

Director Monin asked for a Motion.

Motion: President Goldman made a Motion, seconded by Vice President Vergara, and carried unanimously across the Board to adopt Resolution No. 18-8-1 Modifying Appointment of ETWD Standing Committee Members for the Calendar Year 2018.

Roll Call Vote

Director Freshley	aye
Vice President Vergara	aye
President Goldman	aye
Director Monin	aye

Resolution No. 18-8-5 Endorsing the Water Supply and Water Quality Act of 2018

Mr. Hill stated that included in the package is a summary of Proposition 3 and list of endorsing entities which is being evolved. He further stated that he has been

communicating with the State on this Water Tax Bond.

Mr. Hill stated that he asked if these funds will be distributed or allocated similar to Prop 50, Prop 84, and Prop 1. The response he received was that they will go straight to the State agencies for grant funding.

Mr. Hill stated that he asked Matteo Crew, Campaign Coordinator of Water Supply and Water Quality Act of 2018 if the State Water Resources Control Board will be the agency that develops project eligibility and approval of same. The response was that each funding category is appropriated to an agency with the State Water Resources Control Board and DWR being the two biggest recipients.

Mr. Hill stated that in terms of water quality supply grant programs, the State Water Resources Control Board grant provides for safe drinking water, wastewater recycling, and groundwater desalination while DWR manages grants for storm water, state flood control water conservation, IRWM administration, and infrastructure repairs.

Mr. Hill asked Mr. Crew who will provide oversight and accountability to ensure that the funds are used consistent with the intent of the legislation. The funding is directly appropriated to the agencies, but the legislature still has oversight of the grant programs.

Mr. Hill asked Mr. Crew that assuming that the grant passes, is there a timeline of funding and disbursement of funds. The timeline will be decided by the State agencies, the State Water Resources Control Board, and DWR, however this funding may be made available relatively soon as Prop 1 funding is estimated to be fully allocated by mid 2019.

Mr. Hill asked Mr. Crew is there any organized opposition to the bill. The

response was that Sierra Club California and Food and Water Watch are against the bill.

Mr. Hill asked Mr. Crew has there been analysis comparing tax payer benefit to their tax obligations. The response was increased state costs to repay bonds averaging about \$430 million per year over the next 40 years. Savings to local governments averaging a couple hundred million dollars annually over the next few decades.

Mr. Hill stated that since 2000, voters have approved about \$31 billion in GO bonds in statewide elections to pay for different types of water and environmental projects. Of this amount, roughly one-third was still available to pay for new projects as of June 2018. This includes \$4 billion that was approved by voters through Prop 68 in June 2018.

Mr. Hill stated that on page 4 is a summary of where the nearly \$9 billion would be allocated to. He further stated that page 5 states:

- Watershed Lands \$2.5 billion
- Water Supply \$2.1 billion
- Fish & Wildlife Habitat \$1.4 billion
- Water Facility Upgrades \$1.2 billion
- Groundwater \$1.1 billion
- Flood Protection \$500 million

Mr. Hill stated that they also mention disadvantaged communities. He further stated that the proposition continuously appropriates the bond funds to these departments.

Mr. Hill stated that for some funding subcategories, particularly those related to increasing or protecting water supply, grant recipients would have to provide at least \$1 in local funds for each \$1 of grant funding they receive.

Mr. Hill stated that they estimate the cost to state taxpayers to repay this bond would total \$17.3 billion to pay off both principal (\$8.9 billion) and interest (\$8.4 billion), which would result in average costs of about \$430 million annually over the next 40 years.

Director Monin asked for a Motion.

Motion: President Goldman made a Motion, seconded by Vice President Vergara and unanimously carried across the Board to adopt Resolution No. 18-8-5 endorsing Prop 3 the Water Supply and Water Quality Act of 2018.

Roll Call Vote

Director Monin	aye
President Goldman	aye
Vice President Vergara	aye
Director Freshley	aye

Finance Information Items

Tiered Water Usage and Revenue Tracking

Ms. Shahbakhti stated that included in the package is the July water usage by class and by tiers.

Comments Regarding Non-Agenda FIC Items

Close Finance and Insurance Committee Meeting

At approximately 9:22 o'clock a.m. the Finance and Insurance Committee meeting was closed.

Attorney Report

Mr. Granito reported that there is a need for a Closed Session at today's meeting.

Closed Session

At approximately 9:23 o'clock a.m. the Board went into Closed Session to discuss item #2 of today's Closed Session agenda. Also at this time, Ms. Moore, Ms. Shahbakhti, and Ms. Welsch left the meeting.

Open/Regular Session

At approximately 9:29 o'clock a.m. the Board returned to Regular Session. Also at this time, Ms. Welsch returned to the meeting.

Report on Closed Session

Mr. Granito reported that the Board did go into Closed Session to discuss item #2 of today's Closed Session agenda. During this phase of the Closed Session, the Assistant General Manager and General Counsel reviewed the Claim submitted by Southern California Edison on June 20, 2018, after which the Board rejected the Claim.

Adjournment

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

Motion: Director Adjarian made a Motion, seconded by Vice President Vergara and unanimously carried that today's meeting be adjourned at 9:30 o'clock a.m. to Tuesday, September 25, 2018 at 7:30 o'clock a.m. at the District's Administrative Offices at 24251 Los Alisos Blvd, Lake Forest, CA. 92630.

Roll Call:

Director Freshley	aye
President Goldman	aye
Vice President Vergara	aye
Director Monin	aye

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

M. SCOTT GOLDMAN, 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

MINUTES OF THE REGULAR MEETING
OF THE
BOARD OF DIRECTORS
OF THE
EL TORO WATER DISTRICT
August 23, 2018

Vice 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 August 23, 2018 at the El Toro Water District Administrative Offices, 24251 Los Alisos Boulevard, Lake Forest, California.

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

Present at today's meeting were Committee Members JOSE F. VERGARA, MARK MONIN, FRED ADJARIAN and KATHRYN FRESHLEY.

Committee Member M. SCOTT GOLDMAN was absent.

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, CHRIS GOODCHILD, employee, MIKE GASKINS, customer, and POLLY WELSCH, Recording Secretary.

Oral Communications - Public Comments

Vice 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.

Items Received Too Late To Be Agendized

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

Presentation of Awards, Recognitions and Introductions

Mr. Hill recognized and congratulated on behalf of the Board, Chris Goodchild, Collections Maintenance Worker III for 20 years of service with the District.

At approximately 7:37 o'clock a.m. Mr. Goodchild left the meeting.

Special District/Employee Association/Community Award Acknowledgement and Employee Special Recognition

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. Approval of July 17, 2018 Special Board meeting minutes, and approval of the July 26, 2018 Board meeting minutes.
2. Approval of the Attendances and Conferences
 - a. ACWA Fall conference November 27-30, 2018 in San Diego, CA

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

Roll Call Vote:

Director Adjarian	aye
Director Monin	aye
Vice President Vergara	aye
Director Freshley	aye

Approval of Items Removed from the Consent Calendar

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

Director/Committee Reporting

Director Adjarian stated that he attended the MWDOC/MET Directors workshop, the WACO meeting, the Laguna Hills Night Out event, the LAFCO meeting, the CAG meeting, the SOCWA Finance meeting, the OCWA luncheon, and an upcoming SOCWA Finance meeting.

Director Monin stated that he attended the Laguna Hills Night Out event, the Mission Viejo Night Out event, the WACO meeting, ISDOC Executive Committee meeting, the CASA conference, the Laguna Woods City Council meeting, the Mimi Walters Elected Officials breakfast, the South Orange County Watershed meeting, and the OCWA luncheon.

Director Freshley stated that she attended WACO, the Mission Viejo Night Out event, CAG luncheon, LAFCO, and the Laguna Woods City Council meeting.

Vice President Vergara stated that he attended the CAG meeting, OCWA luncheon, and the WateReuse meeting.

General Manager Action Items

Resolution No. 18-8-2 Nominating Director Monin on the ISDOC Executive Committee

Mr. Hill stated that Director Monin is currently the Second Vice President on the ISDOC Executive Committee, and would like to be the First Vice President which is in charge of setting up the programs. He further stated that the nominations are due September 18, 2018.

Vice President Vergara asked for a Motion.

Motion: Director Adjarian made a Motion, seconded by Director Freshley and unanimously carried across the Board that the Board approve Resolution No. 18-8-2 which nominates Director Monin to hold the following position: First Vice-President on the ISDOC Executive Committee.

Roll Call Vote:

Director Adjarian	aye
Director Monin	abstain
Director Freshley	aye
Vice President Vergara	aye

Resolution No. 18-8-3 Adopting the 2018 South Orange County Integrated Regional Water Management Plan

Mr. Hill stated that this intent is to discuss and adopt the 2018 South Orange County Integrated Regional Water Management Plan. He further stated that the members are listed at the bottom of his cover memo.

Mr. Hill stated that each time that DWR has revisions related to the new Grant proposal, the Plan needs to be updated and approved by the County and each of the 21 member agencies.

Vice President Vergara asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Adjarian and unanimously carried across the Board to approve Resolution No. 18-8-3 which adopts the 2018 South Orange County Integrated Regional Water Management Plan.

Roll Call Vote:

Director Adjarian	aye
Director Monin	aye
Director Freshley	aye
Vice President Vergara	aye

Resolution No. 18-8-4 Adopting the Update to the District's Local CEQA

Guidelines

Mr. Hill stated that this is an annual update which BB&K provides to us. He further stated that these guidelines reflect recent changes in the Public Resources Code, the State CEQA Guidelines and relevant court opinions.

Mr. Hill stated that these Guidelines provide instructions and forms for preparing all environmental documents required under CEQA.

Mr. Hill stated that there is no environmental impact anticipated from amending the Local CEQA Guidelines. He further stated that these documents are on the District's website.

Vice President Vergara asked for a Motion.

Motion: Director Adjarian made a Motion, seconded by Director Monin and unanimously carried across the Board to adopt Resolution No. 18-8-4 which

approves the 2018 update to the District's Local California Environmental Quality Act (CEQA) Guidelines.

Roll Call Vote:

Director Adjarian	aye
Director Monin	aye
Director Freshley	aye
Vice President Vergara	aye

General Manager Information Items

General Manager's Monthly Report

Ms. Shahbakhti stated that the Customer Service report is looking good.

There were no other comments.

State Drought Regulations – Monthly Report

Mr. Hill stated that we continue to file the monthly water usage reports to the State compared to our 2013 usage. He further stated that we are currently at 24%.

Legislative Reports

Mr. Hill stated that we have been discussing SB 998, regarding a proposal to change requirements for disconnecting customers for non-payment. He further stated that we are part of a group opposing unless amended.

Director Adjarian asked if SB 844 is passed by the legislature, would there be additional cost for modifying our billing system. Mr. Hill replied yes, he sent a staff estimate to MWDOC. Mr. Cafferty stated that the cost to replace the billing system is estimated to be slightly over \$470,000.

Public Education and Outreach/Water Conservation Reports

Ms. Seitz stated that there were four water waste complaints for July for excessive water use and two customers received educational door hangers.

Ms. Seitz stated that the September bill message offers a variety of ways to pay your water bill and view the bill history online.

Ms. Seitz stated that she is working with staff on Prop 3 and a Resolution.

Ms. Seitz stated that ETWD hosted booths at the National Night Out events in Mission Viejo and Laguna Hills.

Ms. Seitz stated that upcoming events include:

- UC ANR Urban Landscape and Garden Expo in Irvine, September 29th
- Girl Scout Water Resources and Conservation Patch, November 3rd at the WRP
- Scouts Tour of the WRP, January/February 2019

At approximately 8:10 o'clock a.m. Ms. Seitz left the meeting.

SOCWA Reports

Director Adjarian stated that at the SOCWA Finance meeting they discussed the unfunded pension liability, where they hired two firms to analyze the scope and provide options for how to address this issue. He further stated that they reviewed labor cost data from past use audits and budget information.

Director Adjarian stated that part of the discussion was going back to the formation of SOCWA. He further stated that MNWD felt that there were additional costs going back prior to the formation of SOCWA that should be included as part of the actuarial costs.

Ms. Shahbakhti stated that they invited the Finance managers from all agencies, but only 4 showed up, and they decided to move forward as it is impossible to acquire the data prior to 2001. She further stated that MNWD is asking for which individuals were tied to each of their projects since the beginning of SOCWA.

MWDOC

Vice President Vergara stated that at the MWDOC Planning/Operations meeting they discussed a proposal by IRWD to market some amount of stored water at Strand Ranch through MWDOC.

Mr. Cafferty stated that he attended the MWDOC Managers meeting where Rob Hunter had a presentation on cost sharing for the Strand Ranch project.

LAFCO

Director Adjarian stated that the two key topics was a recommendation for 25 years of service for John Withers. He further stated that they discussed the LAFCO Work Plan and Policies and Procedures.

Director Adjarian stated that the Policies and Procedures and the Strategic Plan were pushed to October to allow more time to discuss specific areas.

SOCWMA

Director Monin stated that Laguna Beach County Water District did a presentation on the Pacific Marine Mammal Center where they are looking for \$500,000 donations to help orphaned and sick seals.

Director Monin stated that they also discussed San Juan Basin Authority's request to join the South Orange County Watershed as a voting member.

Mr. Hill stated that Jenna Voss could obtain a list of projects that were involved with Prop 50 and Prop 84.

ISDOC Meetings

Director Monin stated that they discussed 3 alternatives for LAFCO dues, the way it has been done, a way that Yorba Linda recommended as a percentage, or a way that both Mesa and SMWD recommended.

Director Monin stated that the Yorba Linda recommendation would benefit ETWD. However, it was determined to consider the Mesa alternative and the existing method.

Director Monin stated that the proposed revisions to the LAFCO Workplan Policy & Procedures were discussed and deferred to October.

WACO Meetings

Vice President Vergara stated that they had an almond farmer speak about working with agriculture.

At approximately 8:49 o'clock a.m. Director Adjarian left the meeting.

City Coordination Efforts

There were no comments.

Committee and General Information

There were no comments.

Dates to Remember

There were no comments.

Carry-Over Pending Matters

There were no comments.

Director Comments/Non-Agenda Items

There were no comments.

Attorney Report

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

Adjournment

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

Motion: Director Monin moved, seconded by Director Freshley and unanimously carried that today’s meeting be hereby adjourned at 8:53 o’clock a.m. to Thursday, September 27, 2018 at 7:30 o’clock a.m. at the District’s Administrative Offices, 24251 Los Alisos Blvd., Lake Forest, California.

Roll Call Vote:

Director Adjarian	aye
Director Monin	aye
Director Freshley	aye
Vice President Vergara	aye

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

M. SCOTT GOLDMAN, 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

R-6 RESERVOIR SODIUM HYPOCHLORITE TANK REPLACEMENT PROJECT



PROJECT DESCRIPTION

The existing Sodium Hypochlorite Storage Tanks at the R-6 Reservoir Chloramination Facility are nearly 20 years old and are beginning to exhibit signs of fatigue. Due to an existing flange leak, the manufacturer's representative performed an internal inspection and evaluation. Since that time a flange on the second tank has begun to leak as well. The existing flange leaks are unrepairable and the recommendation from the manufacturer was to replace the tanks due to the leaks and signs of internal wear.

The proposed project replaces the two existing 5,000 gallon Sodium Hypochlorite Storage Tanks at the R-6 Reservoir Chloramination Facility.

MATERIAL EVALUATION

Staff performed an extensive review of material options. The existing tank material is Fiberglass Reinforced Plastic (FRP). The original material selection was based on the evaluation conducted during the facility design in the late nineties. Based on staff's research the proposed tanks are specified with a similar material. Ashland Performance Materials, an independent testing and research organization, has conducted extensive research over the past several decades to determine the best tank material solutions for Sodium Hypochlorite service. This research included laboratory corrosion testing, FRP coupon testing in the field and a portfolio of case histories. The Ashland research concluded that the FRP material has an expected useful life of 20 to 30 years as opposed to the alternative polymer material that has an expected life of only 7 to 11 years. Given the challenges associated with installation of the tanks as well as the overall cost Staff determined the FRP option to be the most appropriate for the replaced of the R-6 Reservoir tanks.

PROJECT BIDS

Staff solicited bids for the replacement of the tanks from five contractors. Staff provided a description of the installation requirements and conducted a pre-bid proposal meeting. Bids were received from the following five contractors:

Contractor	Cost
S.S. Mechanical Construction Corp.	\$ 213,224
Don Peterson Contracting Inc.	\$ 227,716
J.R. Filanc Construction	\$ 261,588
Schuler Constructors, Inc.	\$ 267,471
Pascal & Ludwig Construction Company	\$ 286,000

S.S. Mechanical is well known to staff and has successfully completed several projects for the District.

BUDGET EVALUATION

The total project cost is summarized as follows:

Construction Cost	\$ 213,224
Contingency	\$20,000
Total Project Cost	\$ 233,224

The project was carried over from the 2017/18 Capital Budget. The original budget for the R-6 Sodium Hypochlorite Tank Replacement Project was \$210,000. The project funding is broken down as follows:

El Toro Water District	\$ 163,257
Santa Margarita Water District	\$ 58,306
Moulton Niguel Water District	\$ 11,661
Total Project Cost	\$ 233,224

The District's share of the total project cost is within the allocated budget.

RECOMMENDATION

Recommended Action:

Staff recommends that the Board of Directors authorize the District's General Manager to enter into a construction contract with S.S. Mechanical Construction Corp. in the amount of \$213,224.00 for construction of the R-6 Reservoir Sodium Hypochlorite Tank Replacement Project. Staff further recommends that the Board authorize the General Manager to fund the project costs from the District's Capital Reserves in accordance with the District's adopted Capital Reserve Policy.

By: Dennis P. Cafferty
Date: September 21, 2018

BOARD OF DIRECTORS

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

DANIEL R. FERONS
GENERAL MANAGER



Santa Margarita Water District

August 20, 2018

Mr. Bob Hill
El Toro Water District
24251 Los Alisos
El Toro, CA 92630-5246

SUBJECT: Formation of a South Orange County Water Storage Coalition

Dear Mr. Hill:

At the July 24, 2018 South County Group, Mr. Don Bunts presented SMWD's proposal to form a South Orange County Water Storage Coalition to review and pursue potential water storage opportunities per the attached slides. This letter is to follow up and formally request your agency to participate and provide a non-binding letter of interest to me by September 30, 2018 with the amount of water storage you may be interested in obtaining.

We are happy to meet with you or make a presentation to interested parties to provide additional information on the concept. Please contact Don Bunts at (949) 459-6602 (donb@smwd.com) or me at (949) 459-6590 (danf@smwd.com) if you have any questions or comments. Thank you in advance for your consideration

Very truly yours,
SANTA MARGARITA WATER DISTRICT

Daniel R. Ferons
General Manager

PROPOSED SOUTH ORANGE COUNTY WATER STORAGE COALITION

SOUTH COUNTY GROUP

JULY 24, 2018

BACKGROUND

- Not much natural water storage capabilities in South Orange County
- Region relies heavily on imported water
- A variety of projects have provided from 7 to 30 days for various agencies
- Local supply projects can offset storage demands

Existing Facilities

- R-6 Reservoir serving ETWD, MNWD and SMWD
- Upper Chiquita serving MNWD, CSJC, SCWD, CSC, SMWD
- Irvine Lake (Santiago Reservoir) serving IRWD and Serrano
- IRWD intertie (30 days groundwater supply) serving SMWD, MNWD, LBCWD, SCWD
- Palisades Reservoir serving CSC and SCWD
- Multiple storage tanks

SMWD

- Strategic goals

- Six-months of storage
 - Approximately 12,000 AF
- 30% local supplies
 - Approximately 7,200 to 8,000 AF
- 100% recycling of wastewater
 - Trampas Seasonal Storage
 - Treatment expansion

- SMWD Existing options:

- 4,200 AF in Cucamonga
- 1,200 AF in Chino Basin
- 15,000 AF in Fenner Valley (Cadiz)

REGIONAL OPTIONS

- Irvine Lake storage for Baker Filtration Plant participants
- Expansion of existing OCWD agreement for longer time, i.e. 60 days
- Participation in storage banks
 - IRWD Strand Ranch
 - Chino Basin
- Storage agreement with OCWD

PROPOSAL

- Develop a list of interested parties in participation in storage discussions
 - Agencies to identify need for storage
 - Emergency supply due to system failure
 - Drought contingency
 - Agencies to identify specific amount of storage with non-binding letter of interest by September 30th.
- Hold workshop with interested parties in October to develop strategies for proceeding
 - Draft Agreement for joint participation

SAFETY BOOT ALLOWANCE

The District is committed to the safety and welfare of our employees and provides safety equipment to ensure personal safety in the performance of their jobs. An important component of the District's Safety Program is the requirement that all field employees wear steel toed boots. The District's current policy provides employees with a \$200 allowance to purchase the required steel toed boots.

It was brought to Staff's attention at a Safety Committee Meeting that field operations employees are incurring costs in excess of the existing \$200 allowance to purchase better quality steel toed boots that provide greater support, are more durable, and more comfortable to work in. The benefits of purchasing a safety boot with better ankle and foot support helps to reduce the chance of a workers compensation injury saving the District money. In addition, the better quality boots last longer thus negating the need to purchase a second pair of boots at an additional \$200 cost.

It was recommended that Human Resources conduct a survey to see what neighboring agencies were allowing for the purchase of Safety Boots.

Staff performed a survey of Safety Boot Allowance benefits provided by six similar agencies in South Orange County. The Safety Boot Allowance of the surveyed agencies ranged from \$200 to \$500 per year as shown in the following table, with an average of \$328 per year.

DISTRICT	BOOT ALLOWANCE
IRWD	\$200 per year
MESA	\$200 per year
MNWD	\$466 per year
OCWD	\$200 per year; \$150 one time for interns required to have safety boots
SCWD	\$400 per year
SMWD	\$500 per year
AVERAGE	\$328 per year (does not include ETWD)

Based on the cost being experienced by District Staff as well as the survey staff proposed to increase the allowance to \$300 per year. The estimated impact to the budget, based on the current employee eligibility for FY 2018/2019, is approximately \$4,800 if every eligible employee spent the entire amount of the allowance.

The update to the Safety Boot Allowance was inadvertently left out of the Employee Handbook updates that went before the Board for approval effective March 2018. Staff believed at the time that the specific dollar amount of the allowance was not identified in the Employee Handbook and that the existing allowance could be periodically evaluated and increased under the authority of the General Manager. Staff subsequently realized that the boot allowance amount is identified in the Employee Handbook and that the modification therefore requires Board approval. Under

the presumed authority of the General Manager the boot allowance increase from \$200 to \$300 was put into effect July 1, 2018.

Conclusion

The increase to the Safety Boot Allowance will allow the District to remain competitive with similar agencies with whom the District competes for talented labor. The District will support the Safety Committees recommendation to more adequately equip our employees with safety equipment that will better protect them from injury. The proposed ratification of a revision to the Employee Handbook will bring us into compliance with the Right to Revise policy stating that any changes to the Employee Handbook must be approved by the District's Board of Directors.

Proposed Ratification of a Revision to the Employee Handbook

Section VI – Management/Employee Relations – Expenses & Expense Accounts - Safety Shoes of the Employee Handbook increasing the Safety Boot Allowance from \$200 to \$300.

Safety Shoes

- A. The District requires all of its field employees to wear steel-toed safety shoes. A new employee is required to have at least one serviceable pair of such shoes on the first day of work. The District will either pay the shoe store directly or reimburse an employee for the actual cost of such safety shoes, not to exceed ~~\$200.00~~\$300.00. Proof of Purchase will be required before reimbursement can be made.
- B. Each twelve-month period thereafter, the District will either pay the shoe store directly or reimburse an employee for the actual cost of purchasing or maintaining said steel-toed safety shoes, not to exceed ~~\$200.00~~\$300.00. These allowances are not cumulative.
- C. At the discretion of the employee's Department Head, repairs to an existing pair of boots or purchase of a second pair of boots may be authorized during the fiscal year at a cost not to exceed ~~\$200.00~~\$300.00. Proof of repair or purchase is required before reimbursement can be made.

Recommended Action:

Staff recommends that the Board of Directors consider ratifying a revision to Section VI – Management/Employee Relations – Expenses & Expense Accounts – Safety Shoes of the Employee Handbook increasing the Safety Boot Allowance from \$200 to \$300 retroactively to July 1, 2018.

By: Judy Cimorell, Human Resources Manager
Date: September 17, 2018

Polly Welsch

From: Bob Hill
Sent: Monday, September 10, 2018 9:54 AM
To: Polly Welsch
Subject: Fwd: MWDOC Legislative Policy Principles
Attachments: image001.png; ATT00001.htm; image002.png; ATT00002.htm; image003.png; ATT00003.htm; image004.png; ATT00004.htm; image005.png; ATT00005.htm; image006.png; ATT00006.htm; image007.png; ATT00007.htm; Legislative Policy Principles 2018 - Board Approved.docx; ATT00008.htm

Polly hard copy of the email and attachment.

Thanks

Sent from my iPhone

Begin forwarded message:

From: Heather Baez <HBaez@mwdoc.com>
Date: September 10, 2018 at 9:35:40 AM PDT
Cc: Chris Lingad <CLingad@mwdoc.com>, Melissa Baum-Haley <MBaum-Haley@mwdoc.com>
Subject: MWDOC Legislative Policy Principles

Hi All,

At this month's MWDOC Member Agency Managers' Meeting, there will be an info item about the annual update of MWDOC's legislative policy principles. I have attached our current policies in Word format so that you may mark up any recommendations you have. These will be presented to our Board of Directors for action in October. Next week the Board will kick off the annual update with discussion.

It is important to our Board of Directors to hear feedback or concerns from you – it is a specific request from them. Please share any updates including additions, deletions, or edits that you feel would improve our advocacy efforts locally, in Sacramento and Washington D.C. If you could **respond with your recommendations no later than Friday, October 5**, it would be most appreciated. Feel free to share this with other members of your staff who may be involved in stakeholder groups, trade associations, or other groups that may also have feedback to share.

Thanks so much,

Heather

Municipal Water District of Orange County Legislative and Regulatory Policy Principles

IMPORTED WATER SUPPLY

It is MWDOC's policy to support legislation and regulation that:

- 1) Balances California's competing water needs and results in a reliable supply of high-quality water for Orange County.
- 2) Facilitates the implementation of the California WaterFix and EcoRestore, the co-equal goals of reliable water supply and ecosystem restoration, and related policies that provide long term, comprehensive solutions for the San Francisco Bay/Sacramento-San Joaquin River Delta that:
 - a) Provides reliable water supplies to meet California's short- and long- term needs;
 - b) Improves the ability to transport water through the Delta either for, or supplemental to, State Water Project deliveries;
 - c) Improves the quality of water delivered from the Delta;
 - d) Enhances the Bay-Delta's ecological health in a balanced manner;
 - e) Employs sound scientific research and evaluation to advance the co-equal goals of improved water supply and ecosystem sustainability.
 - f) Expedites the California WaterFix and EcoRestore.
- 3) Funds a comprehensive Bay-Delta solution in a manner that equitably apportions costs to all beneficiaries.
- 4) Provides conveyance and storage facilities that are cost-effective for MWDOC and its member agencies, while improving the reliability and quality of the water supply.
- 5) Authorizes and appropriates the federal share of funding for the California WaterFix and EcoRestore.
- 6) Authorizes and appropriates the ongoing state share of funding for the California WaterFix and EcoRestore.
- 7) Provides funding for Colorado River water quality and supply management efforts.

- 8) Promotes continued federal funding and coordination between states for the Colorado River Basin Salinity Control Program under the departments of Agriculture and Interior.
- 9) Protects and preserves Metropolitan's interest in binational water conservation programs.

It is MWDOC's policy to oppose legislation or regulation that:

- 1) Would make urban water supplies less reliable, or would substantially increase the cost of imported water without also improving the reliability and/or quality of such water.
- 2) Imposes water user fees to fund non-water supply improvements in the Delta region or user fees that are not proportional to the benefits received from a Delta region water supply improvement.
- 3) Delays or impedes implementation of the California WaterFix and EcoRestore.

LOCAL WATER RESOURCES

It is MWDOC's policy to support legislation and regulation that:

- 1) Supports the development of, provides funding for, and authorizes and/or facilitates the expanded use of, water recycling, potable reuse, conservation, water use efficiency, groundwater recovery and recharge, storage, brackish and ocean water desalination and surface water development projects where the beneficiaries of the project pay for the portions of the project not funded by state or federal funds.
- 2) Recognizes that recycled water for both potable and non-potable reuse is a valuable resource that should be promoted and encouraged, while considering total cost elements, and regulated and permitted in a manner which promotes greater reuse throughout the county and state.
- 3) Reduces and/or streamlines regulatory burdens on augmented or alternative water supply projects, and provides protections for the use of these supplies during water supply shortages, through exemptions or provisions of credit during state mandated reductions.
- 4) Supports ecosystem restoration, increased stormwater capture and sediment management activities that are cost-effective and enhance the quality or reliability of water supplies.
- 5) Authorizes, promotes, and/or provides incentives for indirect and direct potable reuse projects and provides protections for the use of local supply projects during water shortages by exempting them from state mandated reductions.
- 6) Recognizes that the reliability and high quality of supplies to the end user is the primary goal of water suppliers.
- 7) Keeps decision-making, with regard to stormwater management and recapture, at the local or regional level.

- 8) Recognizes stormwater management and recapture as important tools in a diversified water portfolio that can help to achieve improved water quality in local surface and groundwater supplies, and can augment surface and groundwater supplies.
- 9) Reduces or removes regulatory hurdles that hinder the use of augmented or alternative water supplies.
- 10) Provides incentives for local or regional use of augmented or alternative water supplies.
- 11) Support the evaluation of reservoirs to provide an enhancement in water supplies.
- 12) Support the inclusion of environmental infrastructure projects the Army Corps of Engineers must consider in its Report to Congress.
- 13) Allows Investor Owned Utilities to invest in redundancy and reliability projects.

It is MWDOC's policy to oppose legislation or regulation that:

- 1) Restricts a local governmental agency's ability to develop their local resources in a manner that is cost-effective, environmentally sensitive, and protective of public health.
- 2) Imposes barriers or increases costs to the safe application of recycled water and continues to define recycled water as a waste or resource of lesser value than traditionally defined potable water.
- 3) Would make urban water supplies less reliable, or would substantially increase the cost of imported water without also improving the reliability and/ or quality of such water.
- 4) Restricts or limits a local governmental agency's ability to establish local priorities for water resources planning decisions.
- 5) Reduces a local agency's ability to benefit from local investments in drought-proof or emergency water supplies during water shortages.
- 6) Would impose conservation mandates that do not account for the unique local water-supply circumstances of each water district.

WATER USE EFFICIENCY

It is MWDOC's policy to support legislation and regulation that:

- 1) Furthers the statewide goal of increasing water use efficiency, as opposed to water conservation throughout the state.
- 2) Would allow flexibility and options for compliance in achieving statewide water reduction goals.

- 3) Seeks to cost-effectively improve water efficiency standards and policies for water-using devices.
- 4) Provides loans and grants to fund incentives for water conserving devices or practices.
- 5) Legislatively set water efficiency standards provided the standards are reasonable, cost effective for Orange County agencies, and consider unintended consequences, such as impacts to wastewater systems, reductions in recycled water supplies, demand hardening, and impacts to regional reliability and drought preparedness.
- 6) Reasonably improves landscape water use efficiency and Commercial, Institutional and Industrial (CII) water use efficiency programs while preserving community choice and the local economy.
- 7) Encourages regionally appropriate statewide landscape water efficiency-standards and regulations that consider land use and climate factors.
- 8) Provides financially appropriate incentives, funding, and other assistance where needed to facilitate market transformation and gain wider implementation of water-efficient indoor and outdoor technologies and practices.
- 9) Provides incentives, funding, and other assistance where needed to facilitate water use efficiency partnerships with the energy efficiency sector.
- 10) Recognizes past investments in water use efficiency measures, especially from the demand hardening perspective.
- 11) Recognizes community growth and development when developing comparative standards for water use efficiency year-over-year.
- 12) Provides tax exemptions for water conservation or efficiency incentives for measures including, but not limited to, turf removal, devices, and other measures to reduce consumption of water or enhance the absorption and infiltration capacity of the landscape.

It is MWDOC's policy to oppose legislation or regulations that:

- 1) Fails to ensure balance in the implementation of water efficiency practices and requirements for both urban and agricultural use.
- 2) Would repeal cost-effective efficiency standards for water-using devices.
- 3) Diminishes local agency control or flexibility in implementing water efficiency practices or standards.
- 4) Places unreasonable conservation measures on commercial, industrial and institutional customers that would negatively impact or limit the potential for economic growth.
- 5) Fails to recognize the importance of both water use efficiency and water supply development.

6) Fails to recognize augmented or alternative water supplies as an efficient use of water, or that fails to provide an adequate incentive for investments in such water, for potable or non-potable reuse.

7) Fails to consider regional and local reliability when establishing any reduction targets during water shortages.

8) Require water efficiency standards or performance measures that are infeasible, not practical or fail to have a positive cost-benefit ratio when comparing the cost of meeting the standard or implementing the performance measure with the value of the volume of water saved.

WATER QUALITY AND ENVIRONMENTAL IMPACTS

It is MWDOC's policy to support:

1) Legislation that protects the quality of surface water and groundwater including the reduction of salt loading to groundwater basins.

2) Funding that helps agencies meet state and federal water quality standards.

3) The establishment and/ or implementation of standards for water-borne contaminants based on sound science and with consideration for cost-effectiveness.

4) Administrative/legislative actions to improve clarity and workability of CEQA, and eliminate other duplicative state processes.

5) Streamlining or exempting water, recycled water, wastewater projects, and/or environmental restoration projects, from the California Environmental Quality Act (CEQA). Provides liability protections to public water districts, and related wholesale water providers, seeking to consolidate troubled water systems that cannot consistently demonstrate that they are able to provide safe, clean and reliable water supplies to their customers.

It is MWDOC's policy to oppose:

1) Legislation that could compromise the quality of surface water and groundwater supplies.

2) Legislation that establishes and/ or implements standards for water-borne contaminants without regard for sound science or consideration for cost effectiveness.

3) Projects that negatively impact the water quality of existing local supplies.

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

It is MWDOC's policy to oppose legislation that:

- 1) Compromises the existing governance structure and the representation of member agencies on the Metropolitan Water District Board of Directors.
- 2) Would restrict MET's rate-making ability.

WATER TRANSFERS

It is MWDOC's policy to support legislation and regulation that:

- 1) Encourages and facilitates voluntary water transfers.
- 2) Provides appropriate protection or mitigation for impacts on the environment, aquifers, water-rights holders and third-parties to the transfer including those with interests in the facilities being used.
- 3) Legislation that encourages transfers which augment existing water supplies, especially in dry years.

It is MWDOC's policy to oppose legislation or regulation that:

- 1) Undermines the operations and maintenance of the conveyance system conveying the water.
- 2) Interferes with the financial integrity of a water utility or compromises water quality.
- 3) Increases regulatory or procedural barriers to water transfers at the local or state level.

WATER INFRASTRUCTURE FINANCING AND PROJECT FUNDING

It is MWDOC's policy to support legislation and regulation that:

- 1) Employs a "beneficiary pays" principle that establishes a clear nexus between the cost paid to the direct benefit received. Likewise, those who do not benefit from a particular project or program should not be required to pay for them.
- 2) Establishes grants or other funding opportunities for local and regional water infrastructure projects.
- 3) Considers local investments made in infrastructure, programs, mitigation and restoration in determining appropriate cost shares for water infrastructure investments.
- 4) Reduces the cost of financing water infrastructure planning and construction, such as tax-credit financing, tax-exempt municipal bonds, Water Resources Development Act (WRDA), Water Infrastructure Finance Innovation Act (WIFIA), the Environmental Infrastructure Accounts and other funding mechanisms.

It is MWDOC's policy to oppose legislation or regulation that:

- 1) Establishes a fee or tax that does not result in a clear and proportional benefit to the District, its member agencies, and their customers.
- 2) Would reduce the total available water infrastructure financing measures such as WIFIA, state-revolving funds, and others.

ENERGY

It is MWDOC's policy to support legislation or regulation that:

- 1) Facilitates the development and expansion of clean, renewable energy in California, including hydropower.
- 2) Supports water supply reliability as the primary focus of water agencies and energy intensity of water supplies as a secondary factor.
- 3) Recognizes the role and value of the water industry investment in water use efficiency and therefore recognizes WUE efforts towards greenhouse gas reduction, including funding such activities.
- 4) Recognizes hydroelectric power as a clean, renewable energy source and that its generation and use meets the greenhouse gas emission reduction compliance requirements called for in the Global Warming Solutions Act of 2006 (AB 32).
- 5) Facilitates voluntary and cost effective local investments in renewable energy, energy management and storage, and energy efficiency which improve the water-energy nexus and reduce local agency costs.

FISCAL POLICY

It is MWDOC's policy to support legislation or regulation that:

- 1) Requires the federal and state governments to provide a subvention to reimburse local governments for all mandated costs or regulatory actions.

It is MWDOC's policy to oppose legislation or regulation that:

- 1) Is inconsistent with the District's current investment policies and practices.
- 2) Pre-empts the District's ability to impose or change water rates, fees, or assessments.
- 3) Impairs the District's ability to maintain levels of reserve funds that it deems necessary and appropriate.
- 4) Impairs the District's ability to provide services to its member agencies and ensure full cost recovery.
- 5) Makes any unilateral reallocation of District revenues, or those of its member agencies, by the state unless the state takes compensatory measures to restore those funds.

6) Would impose mandated costs or regulatory constraints on the District or its member agencies without reimbursement.

7) Mandates a specific rate structure for water agencies.

8) Imposes a "public goods charge" or "water tax" on public water agencies or their ratepayers.

GOVERNANCE

It is MWDOC's policy to support legislation or regulation that:

1) Advances good government practices and public transparency measures in a manner that does not take a "one-size fits all" approach, respects local government control, and facilitates technological efficiencies to meet state reporting and disclosure requirements.

It is MWDOC's policy to oppose legislation or regulation that:

1) Imposes unnecessarily broad burdens upon all local governments.

2) Shifts state programs, responsibilities and costs to local governments without first considering funding to support the shift.

3) Seeks to limit or rescind local control.

4) Reduces or diminishes the authority of the District to govern its affairs.

5) Imposes new costs on the District and the ratepayers absent a clear and necessary benefit.

6) Resolves state budget shortfalls through shifts in the allocation of property tax revenue or through fees for which there is no direct nexus to benefits received.

PUBLIC EMPLOYEE PENSION REFORM

It is MWDOC's policy to support legislation that:

1) Seeks to contain or reform public employee pension and other post-employment benefit (OPEB) cost obligations that are borne by public agencies via taxpayers and ratepayers.

EMERGENCY RESPONSE

It is MWDOC's policy to support legislation that:

- 1) Increases coordination on Homeland Security and emergency response efforts among the federal, state, and local governments with clearly defined roles and responsibilities for each.
- 2) Provides continued funding to enhance and maintain local Homeland Security infrastructure, including physical and cyber protection of critical infrastructure.
- 3) Ensures adequate funding for expenditures related to disaster response and all phases of emergency management; including the earthquake early notification system and efforts to enhance water infrastructure resiliency.
- 4) Strengthens intergovernmental planning and preparation coordination for emergency response and drills.

RESOLUTION NO. 18-9-2

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
ADOPTING AN EIGHTH AMENDED
CONFLICT OF INTEREST CODE

WHEREAS, the Political Reform Act ("Act"), Government Code Section 81000 et seq., requires state and local government agencies to adopt and promulgate Conflict of Interest Codes; and

WHEREAS, The Fair Political Practices Commission ("FPPC") has adopted a regulation, 2 Cal. Code of Regs., Section 18730, which contains the terms of a standard Conflict of Interest Code, which can be incorporated by reference by state and local government agencies as the Conflict of Interest Code of such an agency, and which may be amended by the FPPC to conform to amendments in the Act; and

WHEREAS, the Board of Directors of the District amended the District's Conflict of Interest Code in its entirety on February 16, 1994, (First Amendment) to reflect the adoption of the Standard/Model Conflict of Interest Code set forth in Title 2, Division 6 of the California Code of Regulations, Section 18730 to minimize the action required to keep it's code in conformity with the Act, thereby saving time and money; again on September 26, 1996 (Second Amendment) to reflect changes in the law as to disclosure obligations of officials who manage public investments; again on September 21, 2000 (Third Amendment) to reflect organizational changes of the District pursuant to Fair Political Practices Commission (FPPC) Regulations 2 Cal. Code of Regs. Section 18730; and again on September 19, 2002 (Fourth Amendment) to reflect organizational changes of the District pursuant to Fair Political Practices Commission (FPPC)

Regulations 2 Cal. Code of Regs. Section 18730; and again on September 28, 2006 (Fifth Amendment) to reflect organizational changes of the District pursuant to Fair Political Practices Commission (FPPC) Regulations 2 Cal. Code of Regs. Section 18730; and again on December 17, 2009 (Sixth Amendment); and again on August 25, 2016 (Seventh Amendment) to reflect organizational changes of the District pursuant to Fair Political Practices Commission (FPPC) Regulations 2 Cal. Code of Regs. Section 18730.

WHEREAS, Exhibits A and B of the District's Conflict of Interest Code as adopted herein sets forth the designated positions and disclosure categories for said positions;

WHEREAS, the County of Orange Board of Supervisors is the reviewing body for El Toro Water District's Conflict of Interest Code, and in an effort to streamline the review process and make the filing of Form 700 easier for the District's filers, the County has developed Countywide Disclosure Categories and has requested that the District amend its Conflict of Interest Code in order to mirror the County-wide disclosure categories.

NOW, THEREFORE, BE IT RESOLVED, the Board of Directors of the El Toro Water District DOES HEREBY RESOLVE, ORDER AND DETERMINE AS FOLLOWS:

1. The Board of Directors of the El Toro Water District hereby restates, amends and adopts Attachment A and Exhibits A and B of this Resolution as the District's Conflict of Interest Code.
2. This amendment to the Conflict of Interest Code shall not be effective until it has been approved by the code reviewing body, namely, the Board of Supervisors of

the County of Orange, and the effective date of this amendment shall be the date fixed by the Board of Supervisors.

3. The Secretary/Filing Officer of the District is hereby authorized and directed to file with the Clerk of the Board of Supervisors a copy of this Resolution and such other information as may be required by the Board of Supervisors.

4. The Secretary/Filing Officer of the District is ordered and directed to file the Amended Conflict of Interest Code in the office of the District, and to retain same as part of the District's usual record keeping process.

5. Copies of the Amended Conflict of Interest Code shall be made available for public inspection by the District's staff during all regular office hours of the District.

ADOPTED, SIGNED AND APPROVED this 27th day of September 2018.

AYES:

NOES:

ABSENT:

ABSTAINED:

M. SCOTT GOLDMAN, President
El Toro Water District and of the
Board of Directors thereof

ATTEST:

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

2018 Local Agency Biennial Notice

Name of Agency: El Toro Water District
Mailing Address: 24251 Los Alisos Blvd, Lake Forest, CA 92630
Contact Person: Polly Welsch Phone No. (949) 837-7050
Email: pwelsch@ewd.com Alternate Email: _____

Accurate disclosure is essential to monitor whether officials have conflicts of interest and to help ensure public trust in government. The biennial review examines current programs to ensure that the agency's code includes disclosure by those agency officials who make or participate in making governmental decisions.

This agency has reviewed its conflict of interest code and has determined that (*check one BOX*):

An amendment is required. The following amendments are necessary:

(*Check all that apply.*)

- Include new positions
- Revise disclosure categories
- Revise the titles of existing positions
- Delete titles of positions that have been abolished and/or positions that no longer make or participate in making governmental decisions
- Other (*describe*) _____

The code is currently under review by the code reviewing body.

No amendment is required. (If your code is over five years old, amendments may be necessary.)

Verification (to be completed if no amendment is required)

This agency's code accurately designates all positions that make or participate in the making of governmental decisions. The disclosure assigned to those positions accurately requires that all investments, business positions, interests in real property, and sources of income that may foreseeably be affected materially by the decisions made by those holding designated positions are reported. The code includes all other provisions required by Government Code Section 87302.

Signature of Chief Executive Officer

Date

All agencies must complete and return this notice regardless of how recently your code was approved or amended. Please return this notice no later than **October 1, 2018**, or by the date specified by your agency, if earlier, to:

(PLACE RETURN ADDRESS OF CODE REVIEWING BODY HERE)

PLEASE DO NOT RETURN THIS FORM TO THE FPPC.

ATTACHMENT A
CONFLICT OF INTEREST CODE
FOR THE EL TORO WATER DISTRICT

The Political Reform Act, Government Code Sections 81000, et seq., requires state and local government agencies to adopt and promulgate Conflict of Interest Codes. The Fair Political Practices Commission has adopted a regulation (2 Cal. Code of Regs. Section 18730) which contains the items of a standard Conflict of Interest Code, which may be incorporated by reference in an agency's code. After public notice and hearing it may be amended by the Fair Political Practices Commission to conform to amendments in the Political Reform Act. Therefore, the terms of Title 2 California Code of Regulations Section 18730 and any amendments to it duly adopted by the Fair Political Practices Commission are hereby incorporated by reference. This regulation and the attached Exhibit A designating officials, employees and consultants, and Exhibit B establishing disclosure categories, shall constitute the Conflict of Interest Code of the El Toro Water District.

Designated positions shall file statements of economic interests with the El Toro Water District's Political reform Act Filing Office (Executive Assistant/Board Secretary), who will make the statements available for public inspection and reproduction (Government Code Section 82008).

Upon receipt of the statements of the Directors, Treasurer, General Manager, Assistant General Manager/District Engineer, District/Board Attorney, Finance Manager/Controller, and Operations Superintendent, the Filing Officer shall make and retain a copy and forward the original of these statements to the Clerk of the Orange County Board of Supervisors. Statements for all other designated positions will be retained by the Filing Officer.

EXHIBIT A
EL TORO WATER DISTRICT
CONFLICT OF INTEREST CODE

DESIGNATED POSITIONS	DISCLOSURE CATEGORIES
Director*	OC-01
Treasurer*	OC-01
General Manager*	OC-01
Assistant General Manager/District Engineer*	OC-01
District/Board Attorney*	OC-01
Information Technology Manager	OC-08
Purchasing Agent	OC-05
Finance Manager/Controller*	OC-01
Operations Superintendent*	OC-01
Consultants	OC-30
Project Engineer	OC-05

*Designated Positions file Form 700, Conflict of Interest, with the Clerk of the Board of Supervisors of Orange County, California.

EXHIBIT B

EL TORO WATER DISTRICT

CONFLICT OF INTEREST CODE

DISCLOSURE CATEGORIES

Disclosure Category	Disclosure Description
OC-01	All interests in real property in Orange County or the District, as well as investments, business positions and sources of income (including gifts, loans and travel payments).
OC-02	All investments, business positions and sources of income (including gifts, loans and travel payments).
OC-05	All investments in, business positions with and income (including gifts, loans and travel payments) from sources that provide services, supplies, materials, machinery, equipment including training and consulting services) used by this department or District.
OC-08	All investments in business positions with and income (including gifts, loans and travel payments) from sources that develop or provide computer hardware/software, voice data communications, or data processing goods, supplies, equipment, or services including training and consulting services used by the department.
OC-30	Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest category in the code subject to the following limitation: The department Head/Director/General Manager/etc. may determine that a particular consultant, although a "designated person" is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements in this section. Such written determination shall include a description of the consultant's duties and, based upon that description, a statement of the extent of disclosure required. The determination of disclosure is a public record and shall be filed with the Form 700 and retained by the Filing Officer for public inspection.



October 6 – 14, 2018

Summary

As part of Water Professionals Appreciation Week, local urban and agricultural water agencies across the state will host events and programs focused on staff appreciation, educating key audiences on the value of water and wastewater services, showcasing the important role that water professionals play in delivering water to California's homes, businesses and farms, and promoting careers in the water industry.

“Water Professionals Appreciation Week is a proactive and exciting opportunity to showcase the ‘people behind the pipes and plants’ who work hard every day to ensure safe, reliable water for communities throughout California,” said ACWA Deputy Executive Director for External Affairs Jennifer Persike. “It also gives water agencies a chance to cultivate the next generation of water leaders by highlighting the rewarding careers in the water industry to young professionals and students.”

Background

Water Professionals Appreciation Week was established in 2017 by Senate Concurrent Resolution 80, by Sen. Bill Dodd (D-Napa). Recent labor studies estimate that 60,000 people work in California's water industry and it needs roughly 6,000 new employees each year due to turnover. The water industry offers a wide variety of rewarding career opportunities in engineering, biology, finance, business administration, law, communications and many more types of positions in high-demand occupations.

The measure was sponsored by a coalition of water associations led by the Association of California Water Agencies (ACWA) and including WaterReuse California, California Municipal Utilities Association, California Association of Sanitation Agencies, and the California Water Association. Under SCR 80, the annually designated week begins on the first Saturday of October and ends on the Sunday of the following weekend.

ETWD Participation

ETWD along with water agencies throughout California will celebrate California's second annual Water Professionals Appreciation Week from Oct. 6 to 14, 2018 that will showcase the workers who help deliver clean water to customer's day in and day out, 24/7.

ETWD will participate in the CA Water Professionals Appreciation Week by educating ETWD customers on the value of water and wastewater services, showcasing the important role that water professionals play in delivering water to California's homes, businesses and farms, and promoting careers in the water industry through the following:

- Adopting a Resolution of Support
- Expand ETWD's water professionals webpage to include additional educational information, resources and videos on jobs in the water and sewer field industry
- Highlight two positions at the water district. Continue each by highlighting additional positions
- Utilize social media with campaign posts provided by ACWA and ETWD
- Presentation on Laguna Woods Television TV6
- Presentation at ETWD Community Advisory Group meeting in November

RECOMMENDATION

Staff will review and comment on Resolution No. 18-9-3 which supports CA Water Professionals Appreciation Week.

Recommended Action at the September 27, 2018 Board Meeting: Staff recommends that the Board of Directors approve Resolution No. 18-9-3 Supporting Water Professionals Appreciation Week.

By: Bob Hill
Sherri Seitz

Date: September 12, 2018

RESOLUTION NO. 18-9-3
RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EL TORO WATER DISTRICT
IN SUPPORT OF
WATER PROFESSIONALS APPRECIATION WEEK

WHEREAS, water is the lifeblood of California and without safe and reliable water, no community and no sector of the economy – from high tech to manufacturing to agriculture – can thrive or expand; and

WHEREAS, thanks to technological advances by highly skilled and trained water professionals and the dedication of thousands of industry professionals in the state, California drinking water and treated wastewater meets some of the most stringent water quality standards in the nation; and

WHEREAS, depending on where you live in California, your water may come from a nearby well or river, or it may travel hundreds of miles through canals or pipelines to reach your tap. Regardless of where it originates, your drinking water is filtered, cleaned, tested and distributed in a process carefully managed by trained water professionals; and

WHEREAS, California is steadily expanding the reuse of treated wastewater and pioneering the use of advanced purified recycled water to replenish aquifers, prevent seawater intrusion and improve local water supply reliability; and

WHEREAS, water professionals at local public water and wastewater agencies work 24/7 to plan for the future, maintain and upgrade their systems and improve the safety and resiliency of local water supplies for their communities; and

WHEREAS, according to the Public Policy Institute of California, local public water and wastewater agencies invest more than \$25 billion a year on local water-related programs and projects that protect public health and the environment, improve local water supply reliability, replenish and clean up groundwater basins, provide water for fire protection and protect against floods; and

WHEREAS, thousands of water, wastewater and recycled water industry professionals in the state dedicate their careers to keeping drinking water, recycled water and treated wastewater safe and reliable for use by Californians; now, therefore, be it

RESOLVED that the El Toro Water District hereby declares Oct. 6-14, 2018 Water Professionals Appreciation Week and extends its sincere gratitude and appreciation to the water and wastewater professionals who work 24/7 to provide excellent service to our community every day.

ADOPTED and APPROVED this 27th day of September 2018.

ATTEST:

M. SCOTT GOLDMAN, President
Of the Board of Directors of
El Toro Water District

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

GENERAL MANAGER'S REPORT

September 2018

I. OFFICE OF THE GENERAL MANAGER

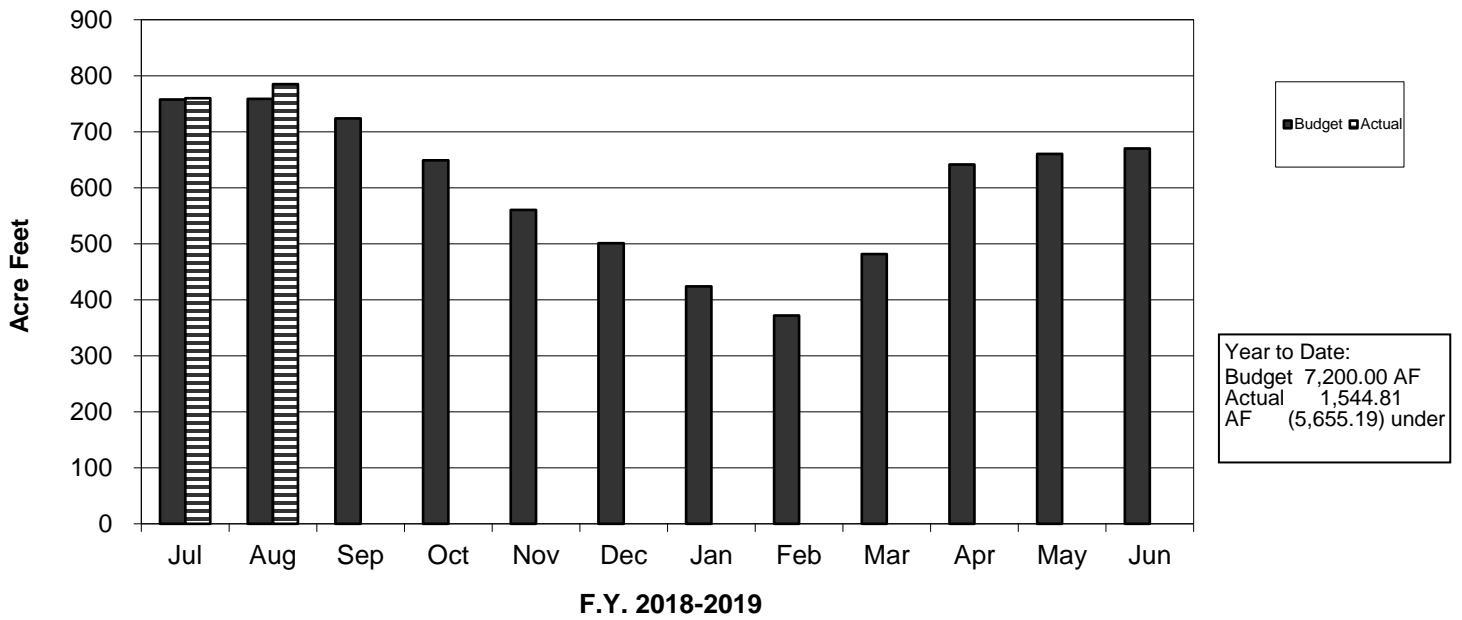
- Attended Chair/GM Meetings
- Attended Agenda Review
- Attended MWDOC Managers Meeting
- Attended Engineering & Finance Committee Meetings
- Attended Regular Board Meeting
- Attended South County Agencies Meeting

II. DOMESTIC AND RECLAIMED WATER SALES

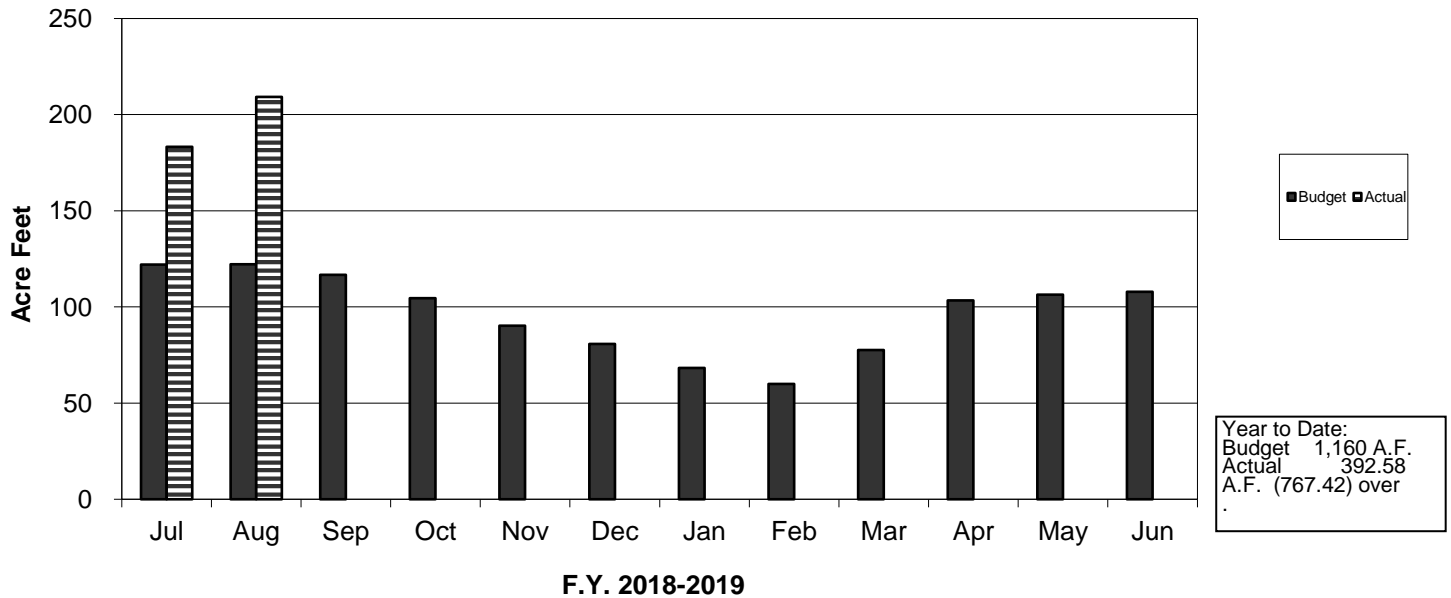
Actual domestic sales for the year-to-date as of August 31, 2018 are 760.10 acre-feet. This compares to year-to-date budgeted domestic sales of 757.54 acre-feet. The year-to-date variation in actual to budgeted sales reflects an increase of 2.56 acre-feet. Actual sales are 29.79 acre-feet lower than last year-to-date actual sales for the same period.

Recycled water sales for the year-to-date are 183.32 acre-feet, compared to 122.05 acre-feet budgeted for the same period.

DOMESTIC WATER SALES



RECLAIMED WATER SALES



Customer Service Activity Report

AUG 2018

Regular Service Calls	AUG 2018	AUG 2017	Telephone Calls	AUG 2018	AUG 2017
Serviceman Dispatched to Read, Connect/Disconnect Service	86	89	Change of Service: (CR / DR within and/or outside of ETWD service area)	82	150
<u>Field Investigations:</u>			Billing / Payment & Graph Inquires	304	661
<u>Check for leaks-calls to CS</u>			Assistance with online payments and ETWD's portal (cc, echecks)	78	247
Office:(irrigation,meter,street leaks)			Variance / Waiver Inquiries	46	160
Customer Responsible	15	32	Variance / Waiver Requests Processed	18	40
District Responsible	11	12	Ordinance Infraction / Water Waste Complaints	0	2
None found/other	14	11			
<u>High Reads Checked - High Consumption (Billing Dept.)</u>			Other Districts	77	155
Cust Leaks: _5_ No Leaks: _23_	28	6	Phone Transfers to other Departments within ETWD	130	217
Check Stopped Slowed Meters-Low Consumption (Billing)	9	7	Calls for the Board of Directors	3	8
Re-Check Read	8	0	Recycled Water	0	0
Ordinance Infraction	2	1	Water Quality Taste - Odor - Color	1	4
Recycled Water	0	0	Leaks / Breaks	13	56
Water Quality: Taste / Odor / Color	2	3	Flooding (Hydrant) Meter calls	1	5
Phone response: _2_ Field response: _0_			Sewer Problems (odor / spill)	6	2
Flooding (Hydrant) Meters issued	2	2	Backflow / Cross Connection (questions or yearly testing forms)	8	14
Sewer - Odor/Stoppage/ Manhole Covers	8	2	ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	11	5
Meter Box: Lids / Covers Replaced	58	30			
Meter Box Clean, Digout	10	5	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	1
	6	0	ATT Calls (access to tower sites)	0	1
Raised Meter Box			SCE Calls (access to tower sites)	0	1
Trim Bushes / Meter Obstruction	13	30	Pager Calls specifically for Pump Stations - SCADA	0	0
General Maintenance Response	9	3	Payment Extensions	67	169
Fire Hydrants: Hit / Leaks / Caps	0	2	Delinquent Payment Calls to Customer 's (automatic dialer)	23	0
Pressure(psi) Checks / Reads	6	5	Return Calls from customers left on our voice mail system.	41	92
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	15	3	Email Correspondence	82	289
Bees Removed	3	1	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	2	0
Backflow / Cross Connection	1	5	**Misc.. (other: employment, deliveries, sales calls)	62	0
Fogged Registers	24	0			
OMCOP: Old Meter Change - Out Program	4	9			
Other: (uncommon non-maintenance calls)	0	9			
On-Call After Hrs. CS Response	22	31			
# 48/24 Hr. Door Hangers Hung	150	124			
# Locked Off For Non-Pay (Disconnect)	5	12			
Removed Meter	0	23			
New Meter	5	1			
Unread Meters	10	17			
<u>Total Field Investigations</u>	<u>526</u>	<u>475</u>	<u>Total Telephone Calls</u>	<u>1055</u>	<u>2279</u>
Uncollectible Accounts:			Credit Card Payments	AUG 2018	AUG 2017
Budget YTD	\$ 3,333.00	\$3,333	REGULAR	693 \$81,315.81	552 \$61,064.79
Actual YTD	\$ (114.00)	\$4,078	DISCONNECTS		
* = New Code					

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

MONTH ENDING:

August 2018

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	16,244			
Laguna Woods Village				
New World				
Private System				
Hot Spots	19,537			
ETWD TOTALS:	35,781			
SANTA MARGARITA TOTALS:				
COMBINED TOTALS:	35,781			
TV INSPECTIONS	FOOTAGE	COMMENTS:		
Outside Laguna Woods Village	7,185			
Laguna Woods Village	1,576			
New World				
Private System				
Other				
TOTAL	8,761			
Wet Wells	Number	4	Mathis-Lapaz-Delta-Northline	
Flow Meter/Sampling	Number			
WATER TANK FILLS	40	40,000		

**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:		August		YEAR : 2018	
CONSTITUENT ANALYSIS	MCL	INSIDE LAB		OUTSIDE LAB	
		NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	147(A)	Pres/Absence	0	Average
2 Chlorine (ppm)	Detectable Resid	214	Average = 1.24 ppm	0	
3 TTHM (ppb) (Stage 2)	0.080 ppb		N/A	0	
3 HAA5 (ppb) (Stage 2)	0.060 ppb		N/A	0	
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.03 to 0.09	0	
Odor	3 Units	20	ND<1	0	
Color	15 Units	20	ND<5	0	
Temperature	No standard	20	69°F To 79°F	0	
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	104	0.001 to 0.246 Res.	0	

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:

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

Weekly Water Quality System Status

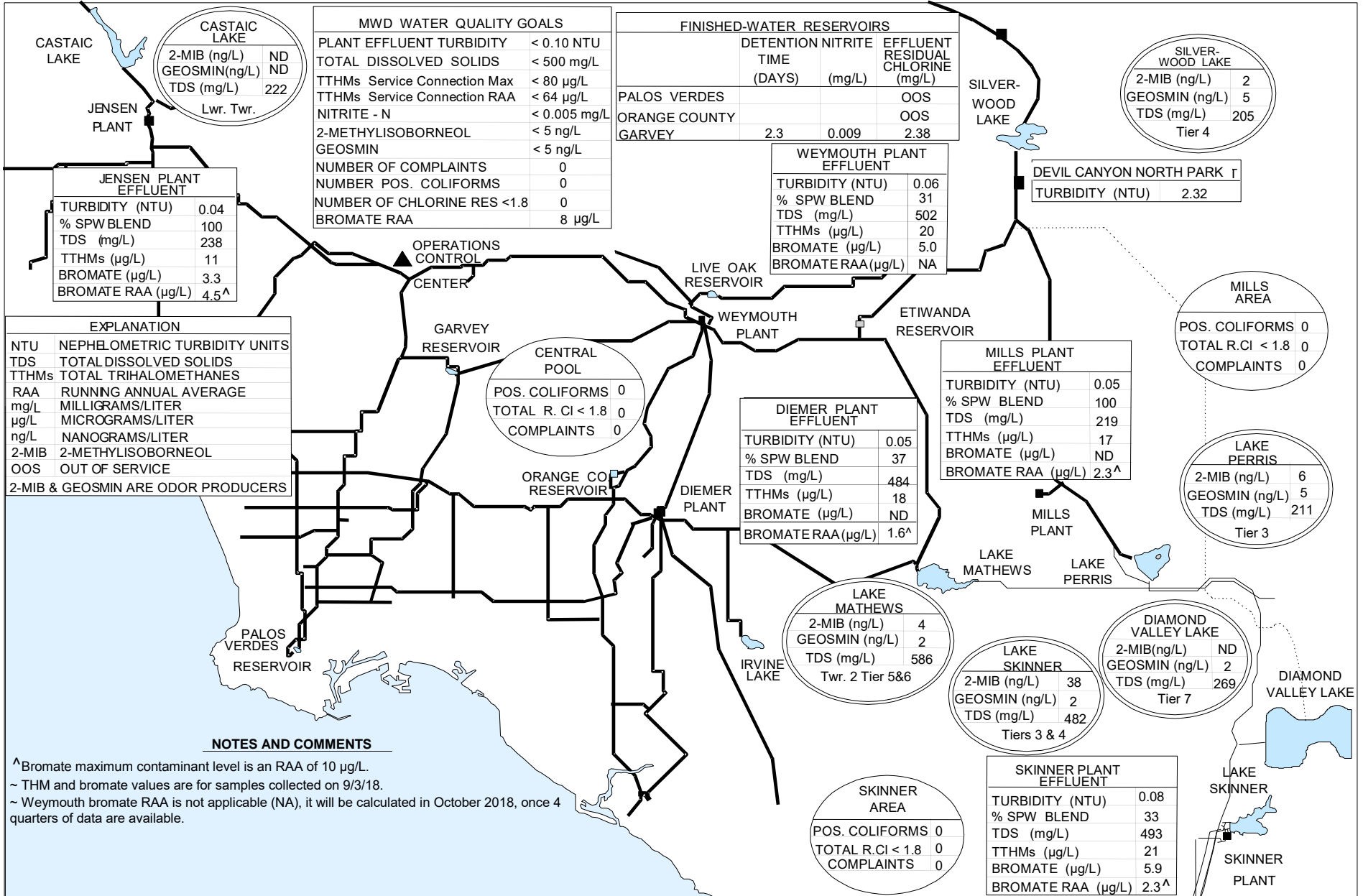
Wednesday, September 12, 2018

Printed On: 9/12/2018 1:23:59 PM



THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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



MWD water quality goals meet or exceed all State and Federal regulations.

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

MICROBIOLOGICAL MONITORING

AUGUST 2018

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

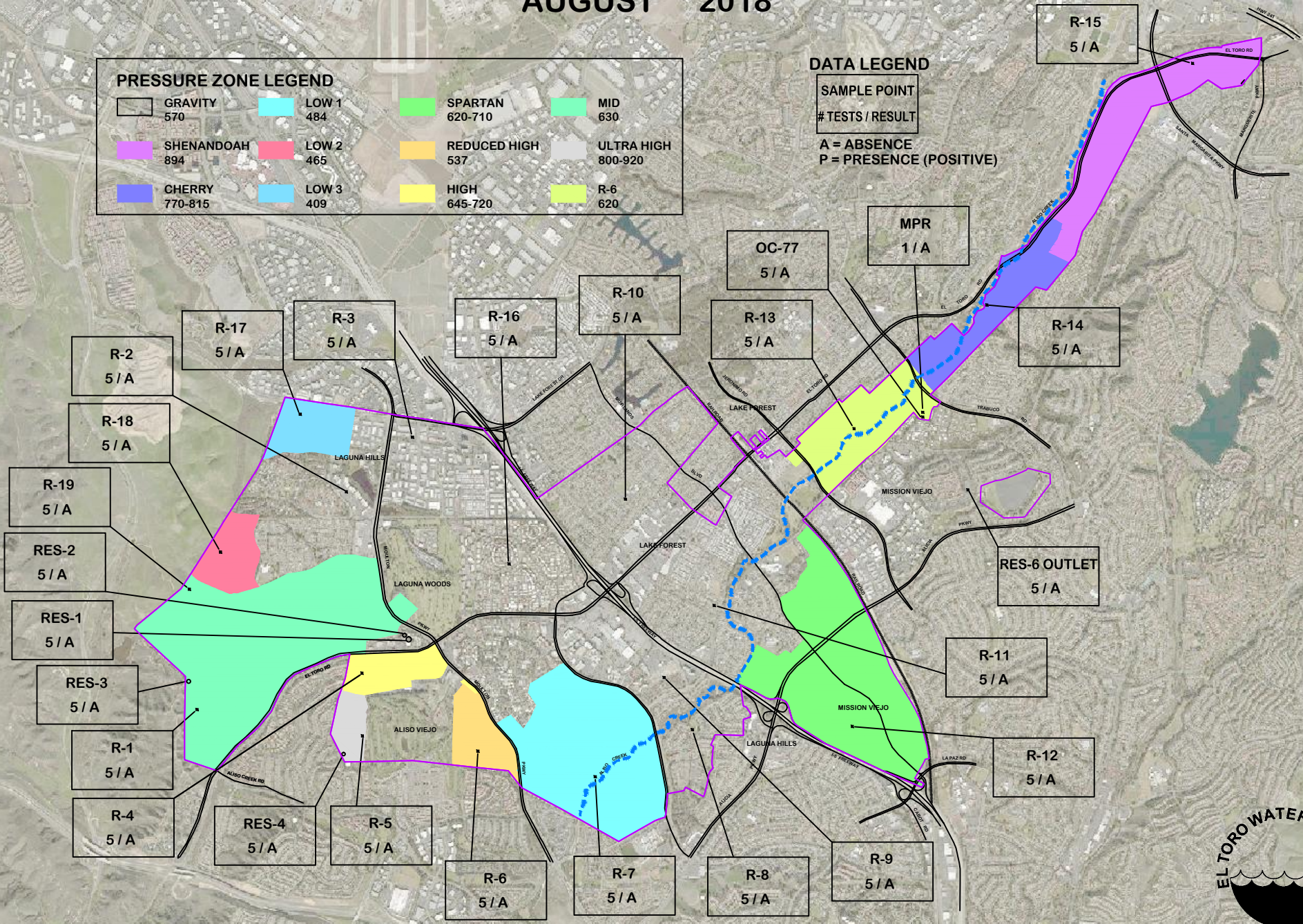
DATA LEGEND

SAMPLE POINT

TESTS / RESULT

A = ABSENCE

P = PRESENCE (POSITIVE)

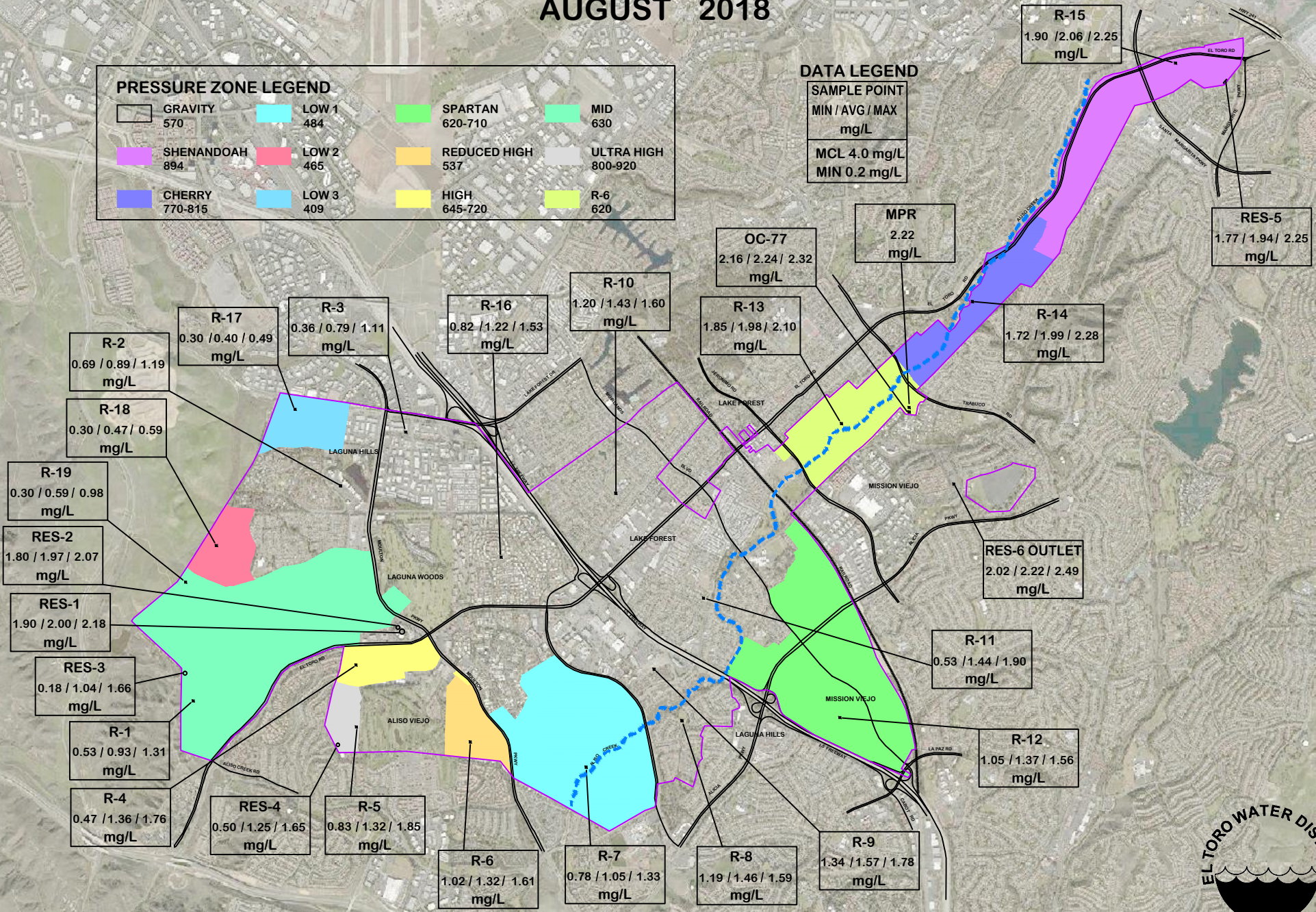


CHLORINE RESIDUAL MONITORING

AUGUST 2018

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



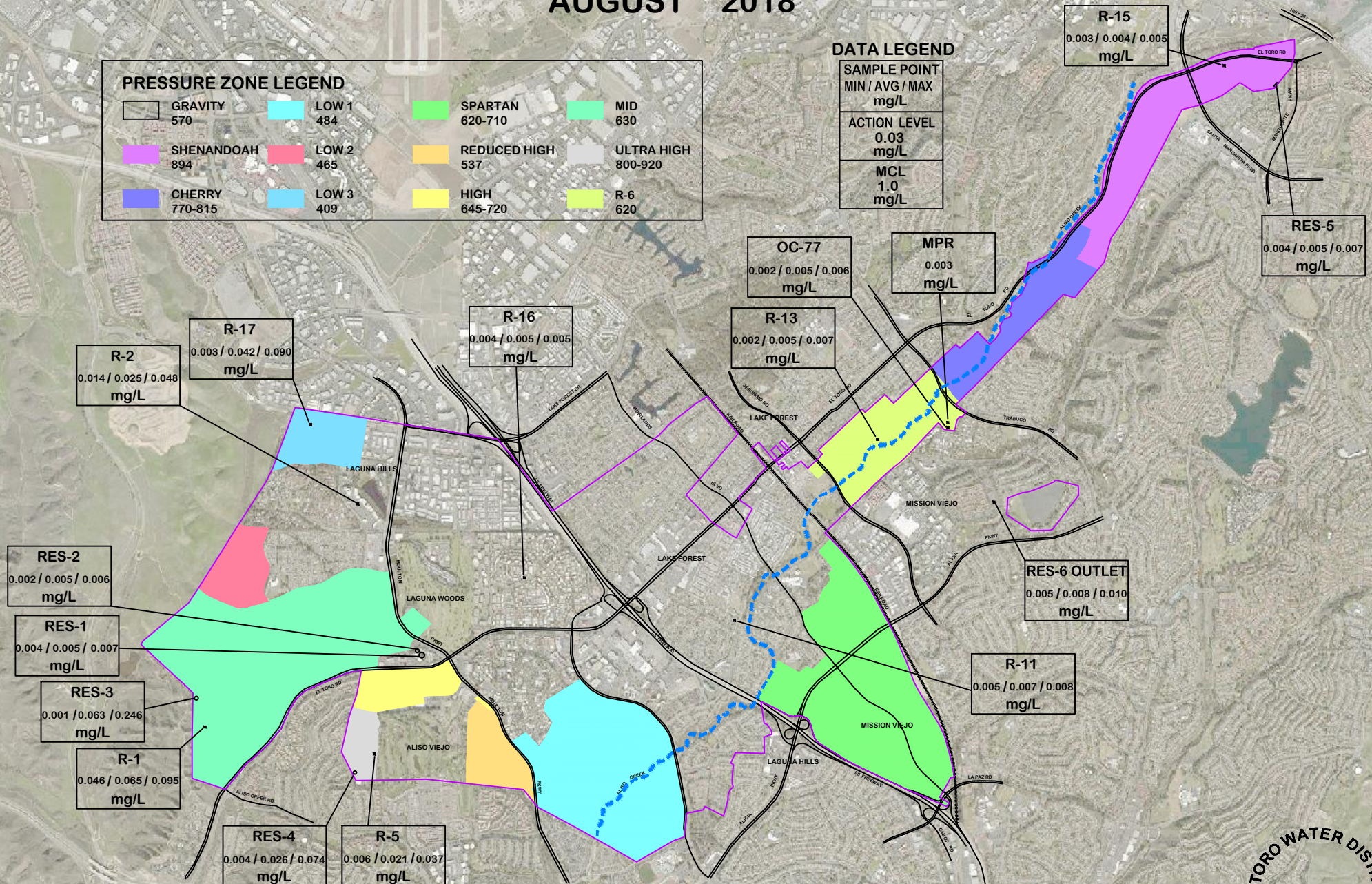
NITRITE MONITORING

AUGUST 2018

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

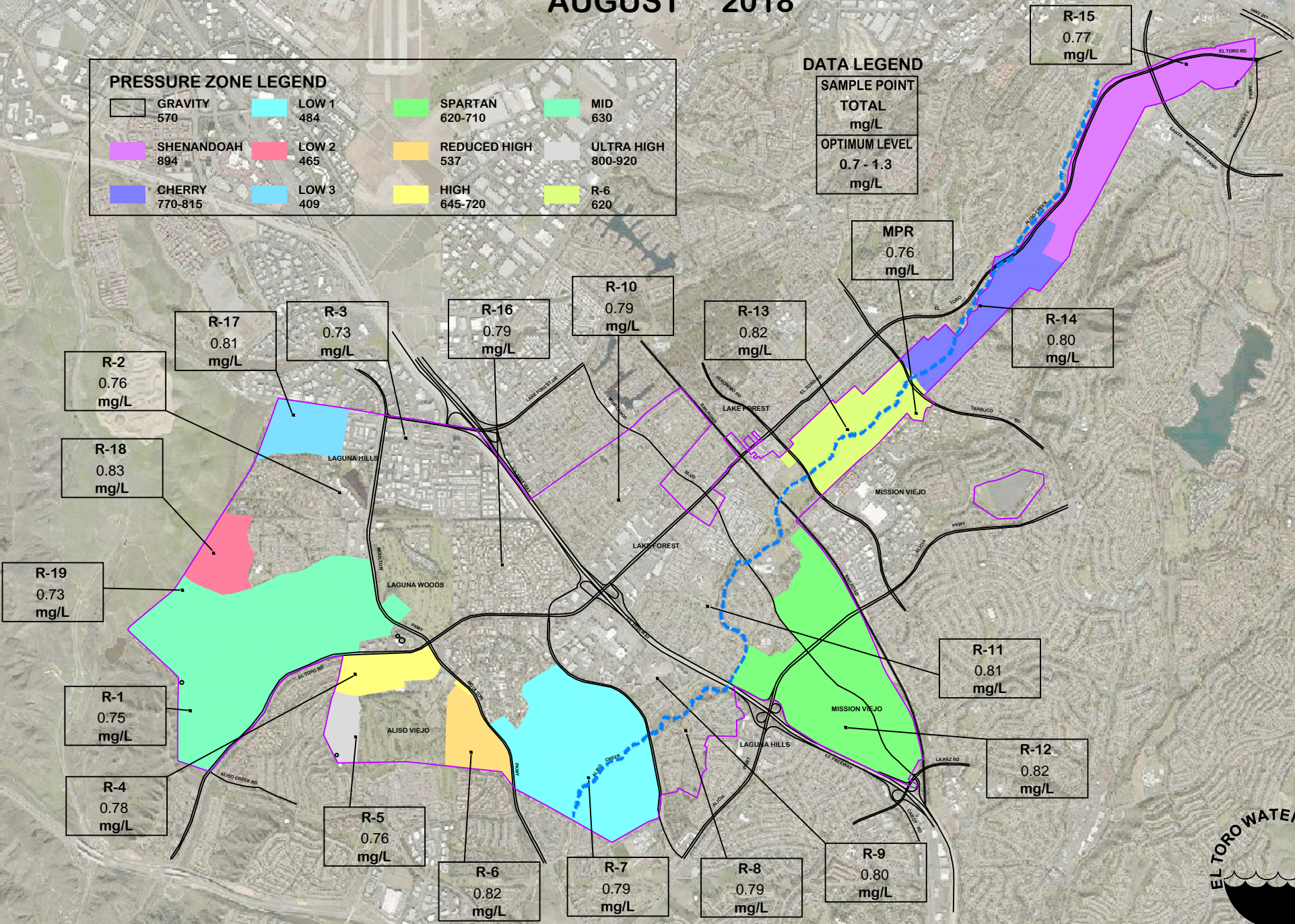


FLUORIDE MONITORING

AUGUST 2018

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



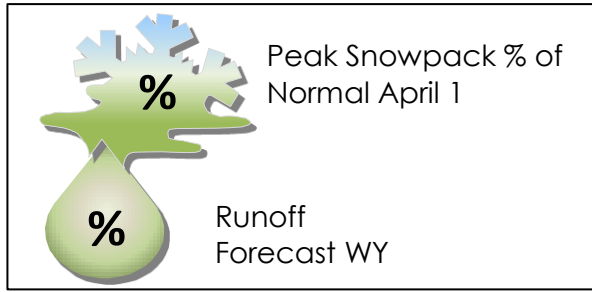
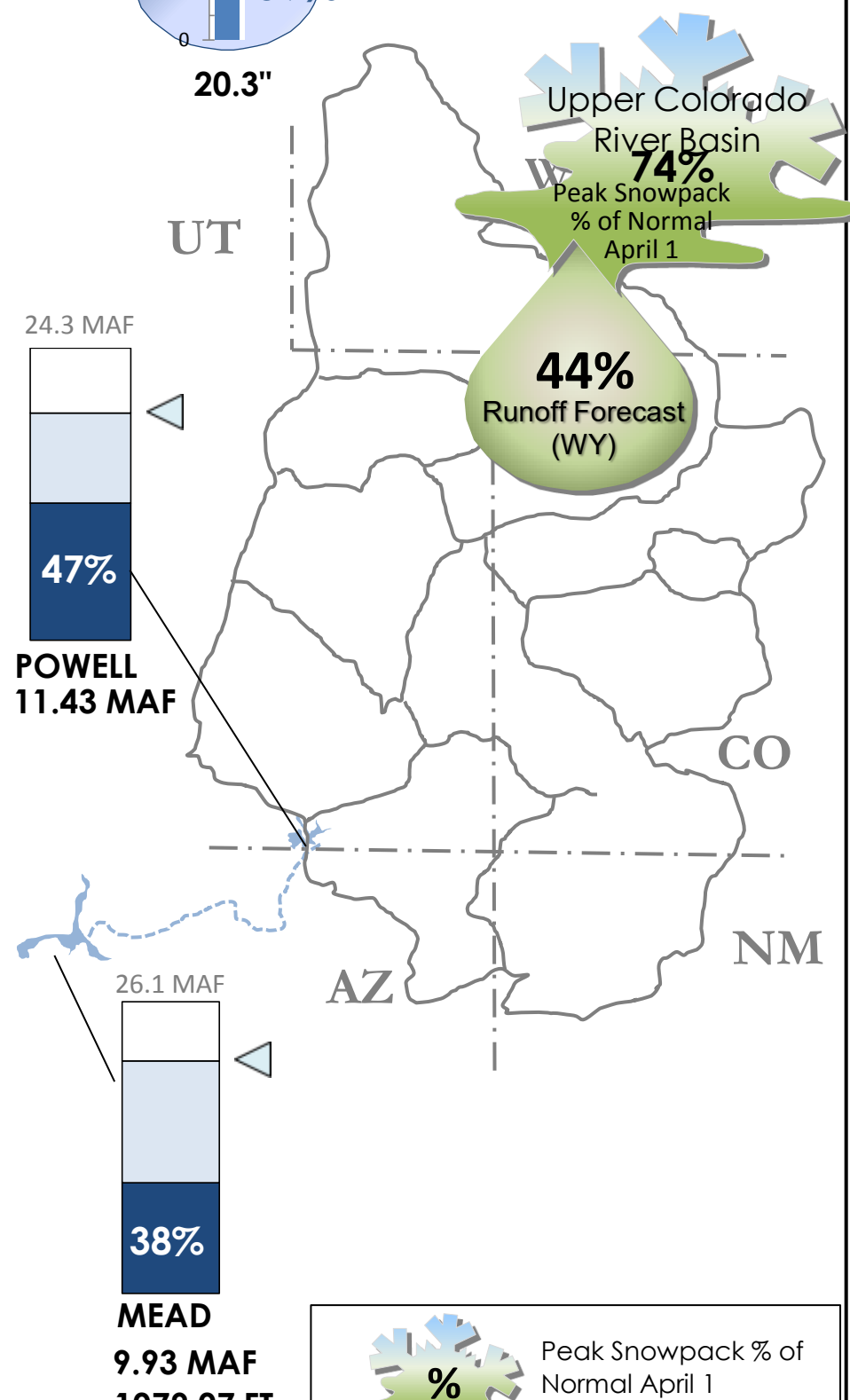
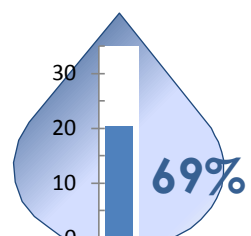


Water Supply Conditions Report

As of: 09/05/2018

2018 Colorado River

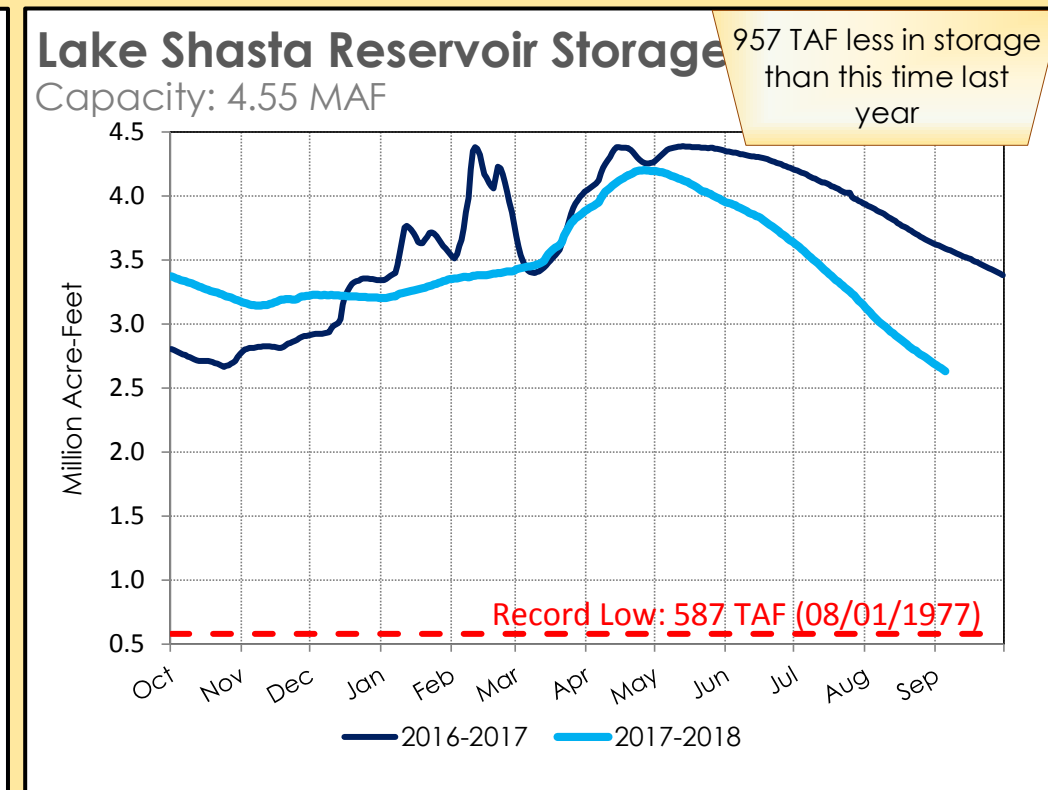
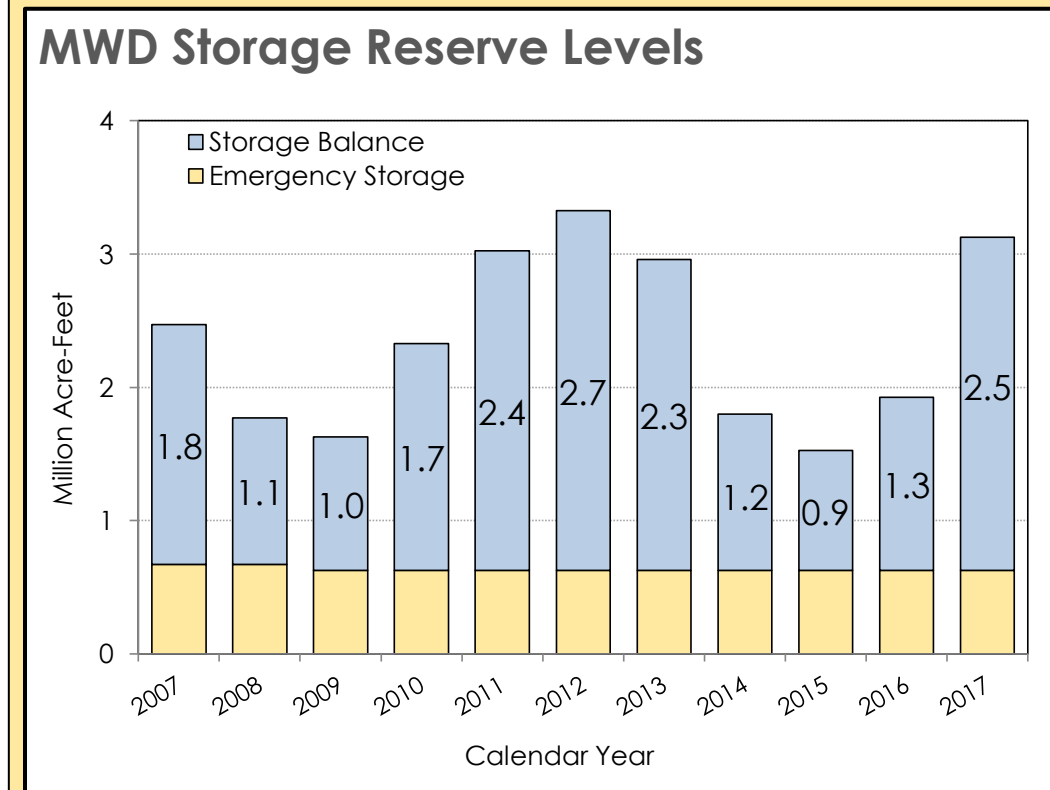
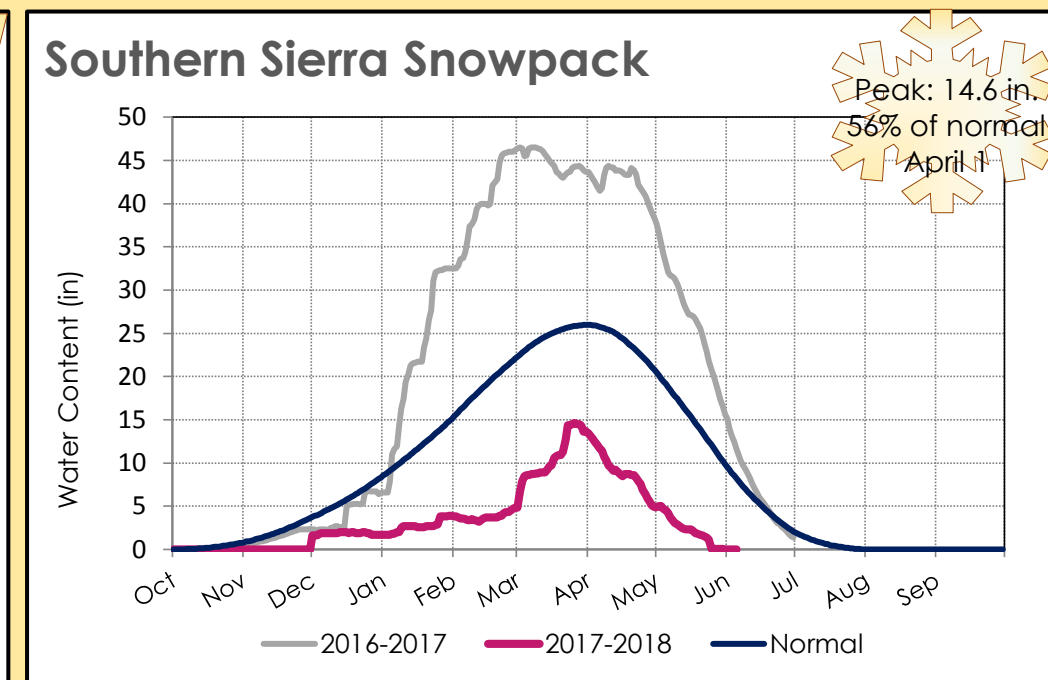
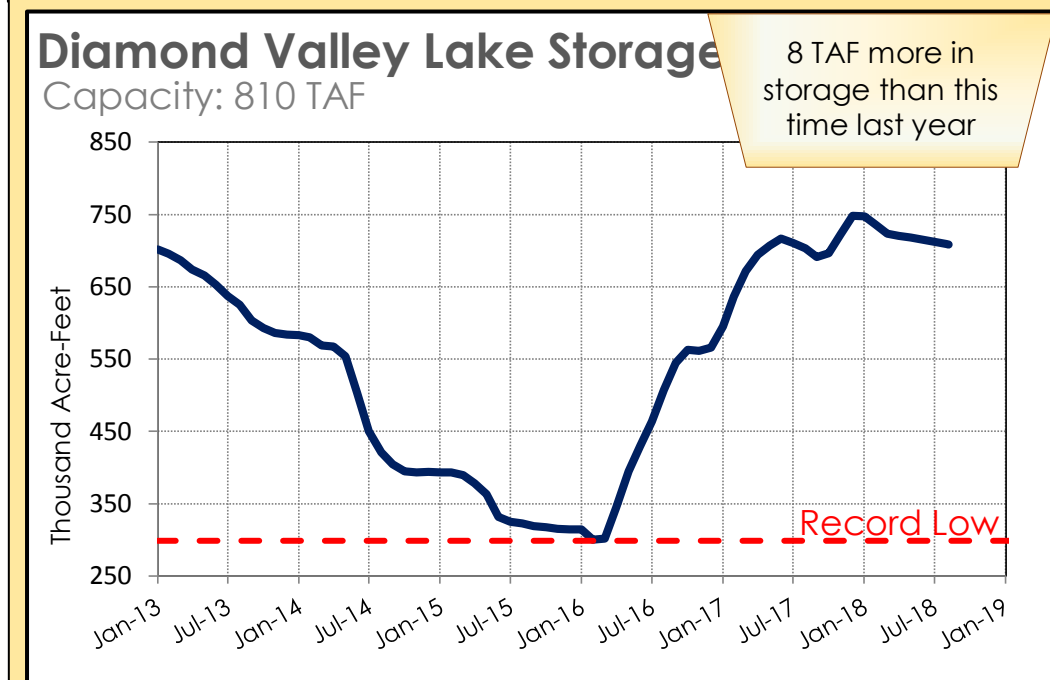
836,221 AF
67% of full CRA
Does not include storage withdrawals



Turn page for more CRA Data Flip Over for SWP

Highlights

- Statewide snowpack peaked at 58% of April 1 normal
- Sacramento River Runoff forecast is 72% of normal
- Snowpack in the Upper Colorado River Basin peaked at 74% of April 1 normal
- Lake Powell inflow forecast is at 44% of normal



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

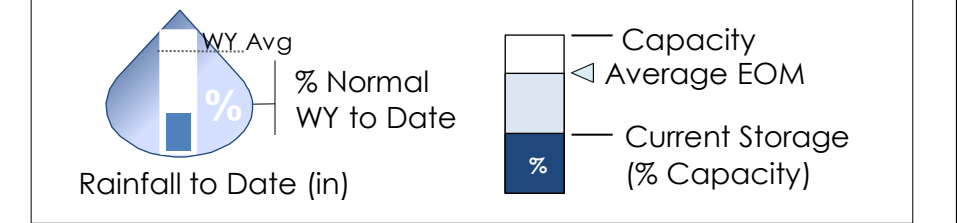
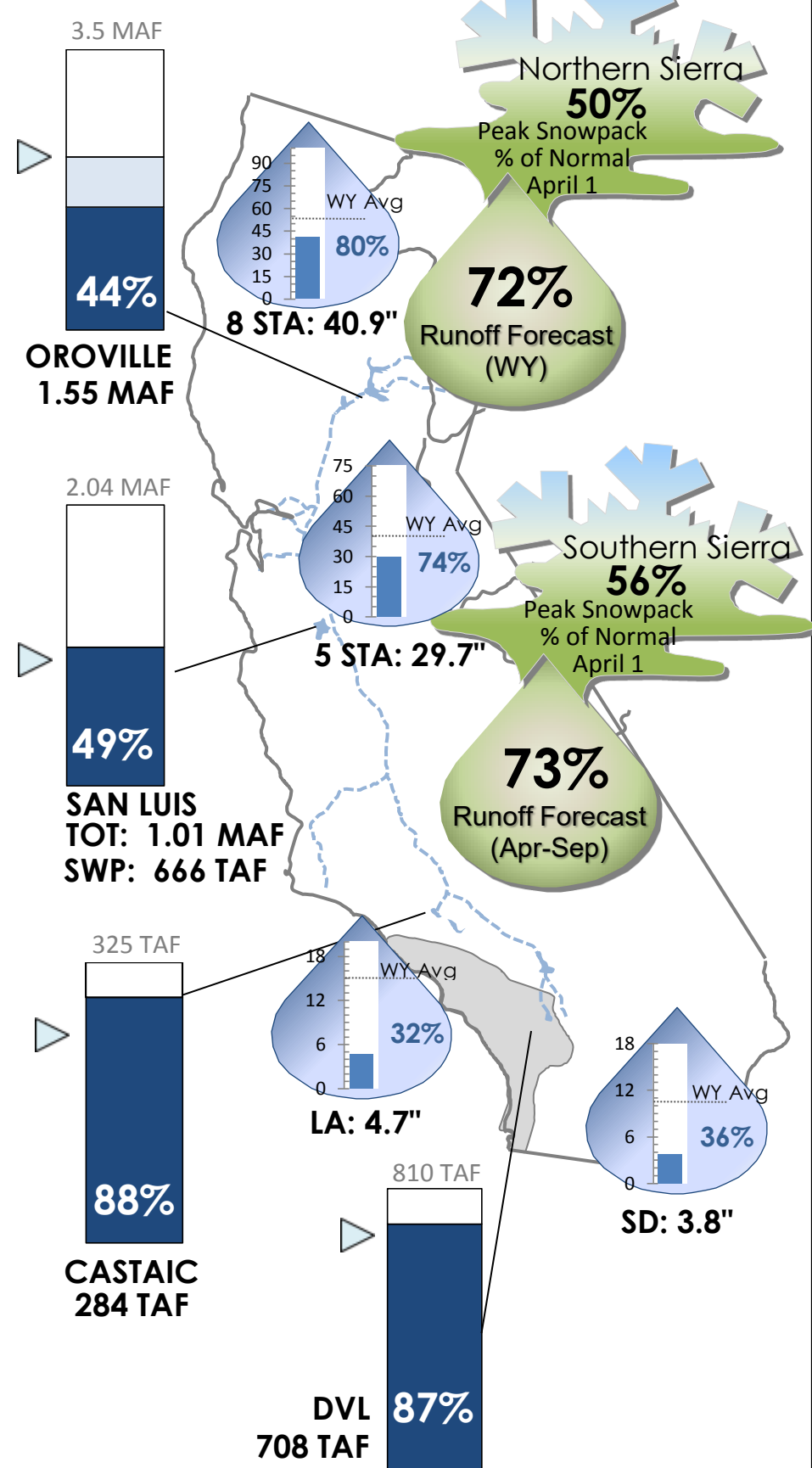


Water Supply Conditions Report

As of: 09/05/2018

2018 SWP Allocation

669,025 AF
35% of Table A

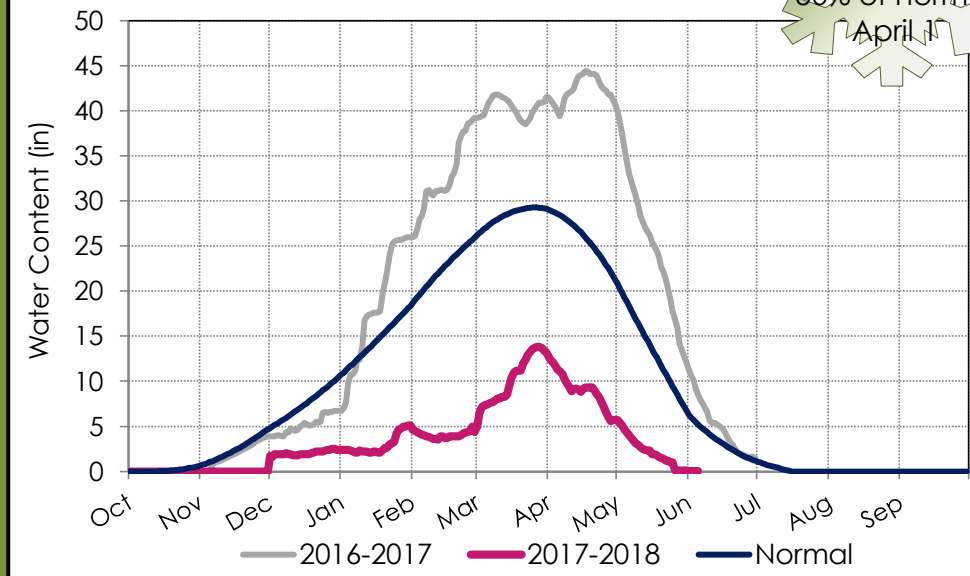


Flip Over for CRA Data Turn page for more SWP Data

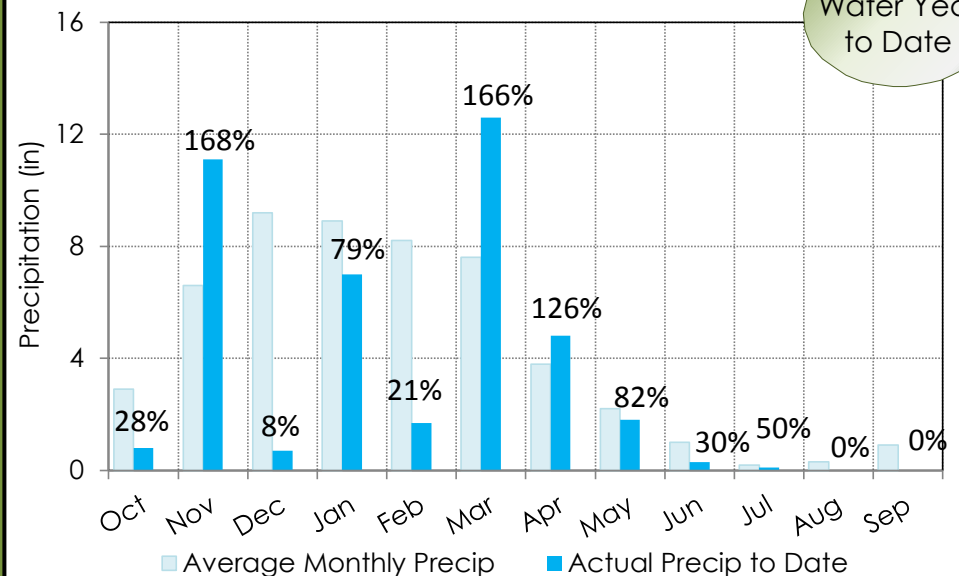
As of: 09/05/2018

State Water Project Resources

Northern Sierra Snowpack



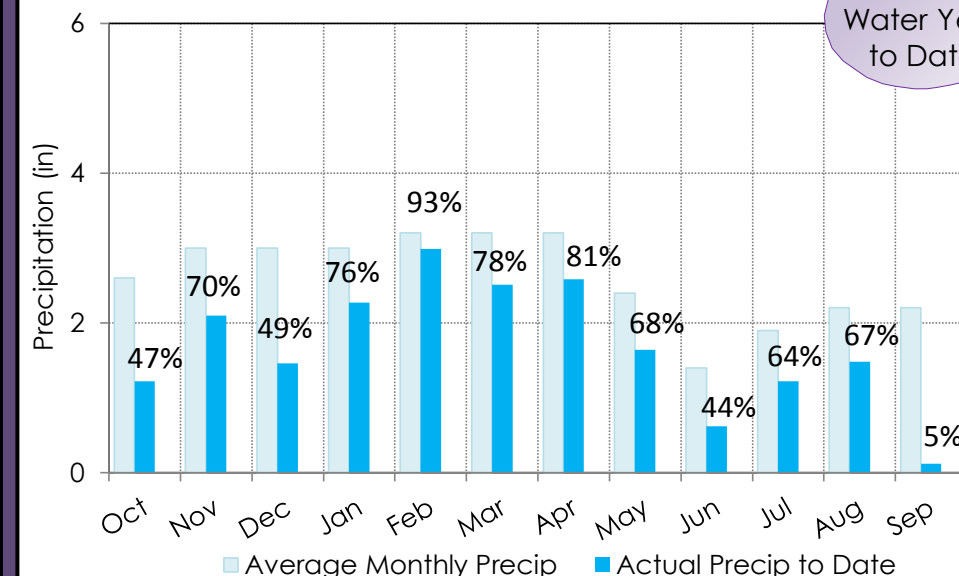
8 Station Index Precip



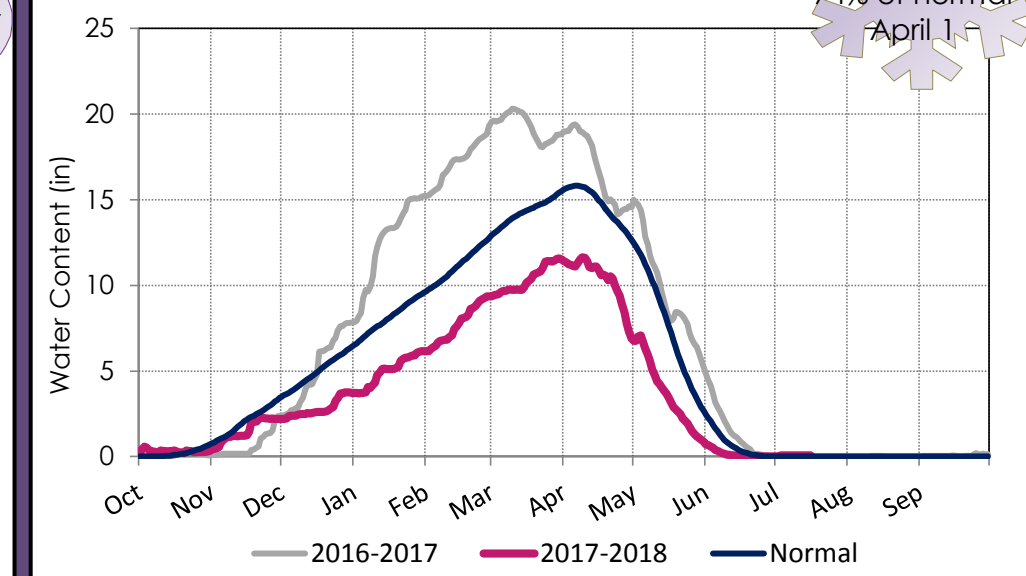
Colorado River Resources

As of: 09/05/2018

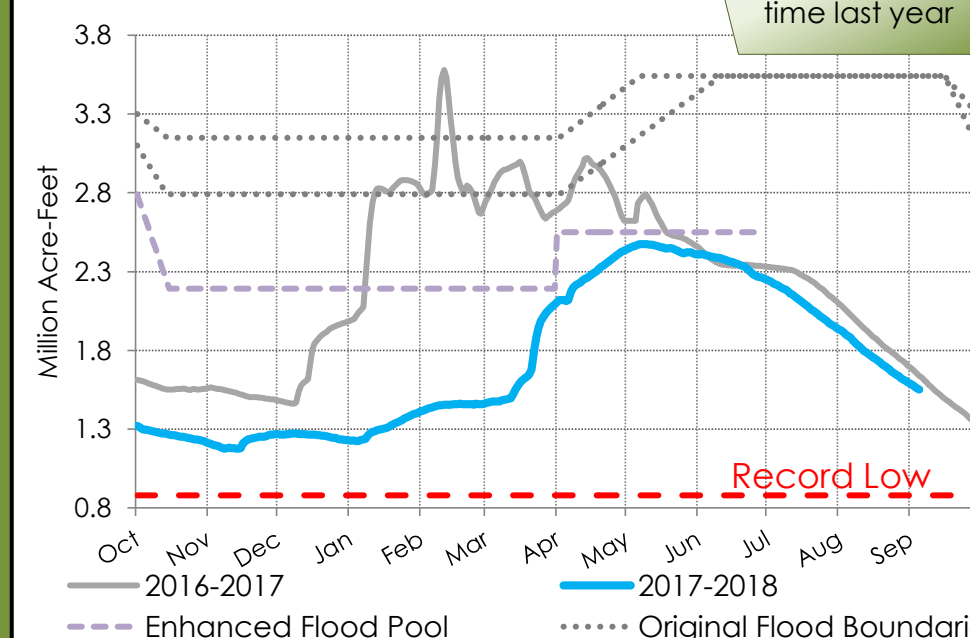
Upper Colorado Basin Precip



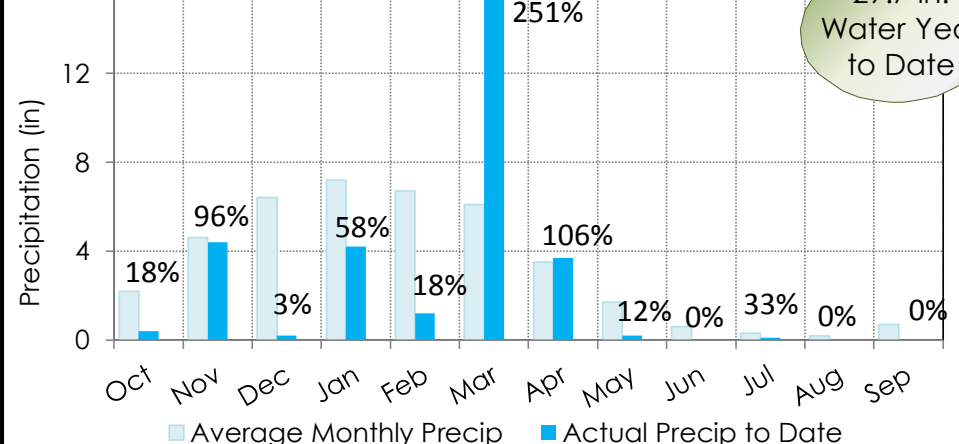
Upper Colorado Basin Snowpack



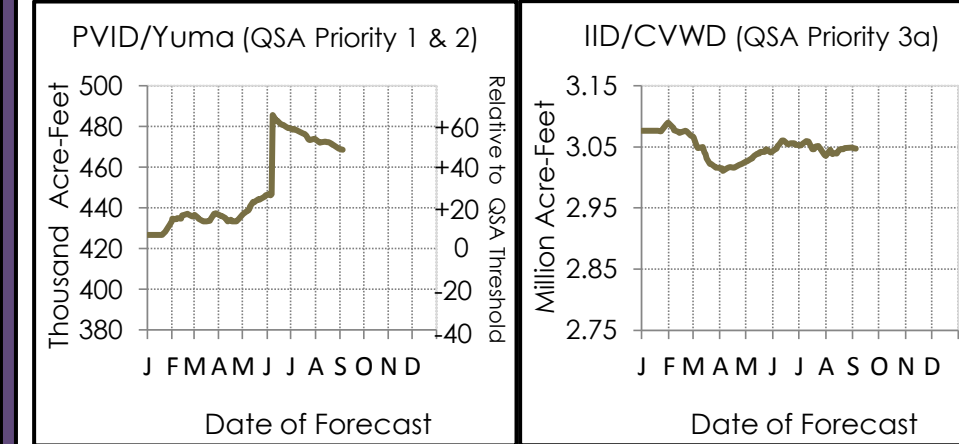
Oroville Reservoir Storage



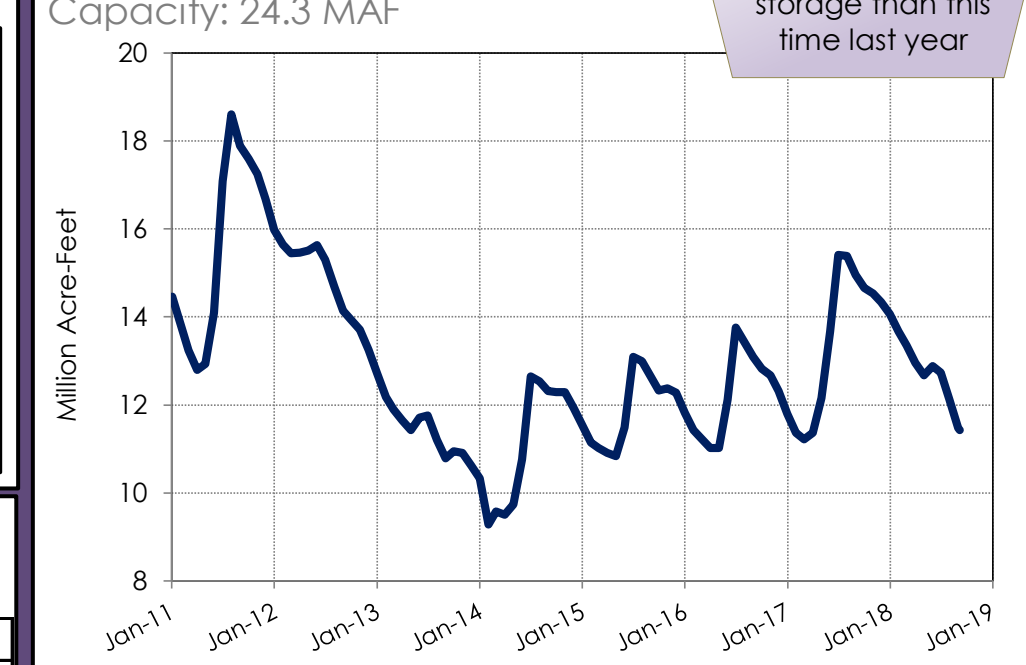
5 Station Index Precip



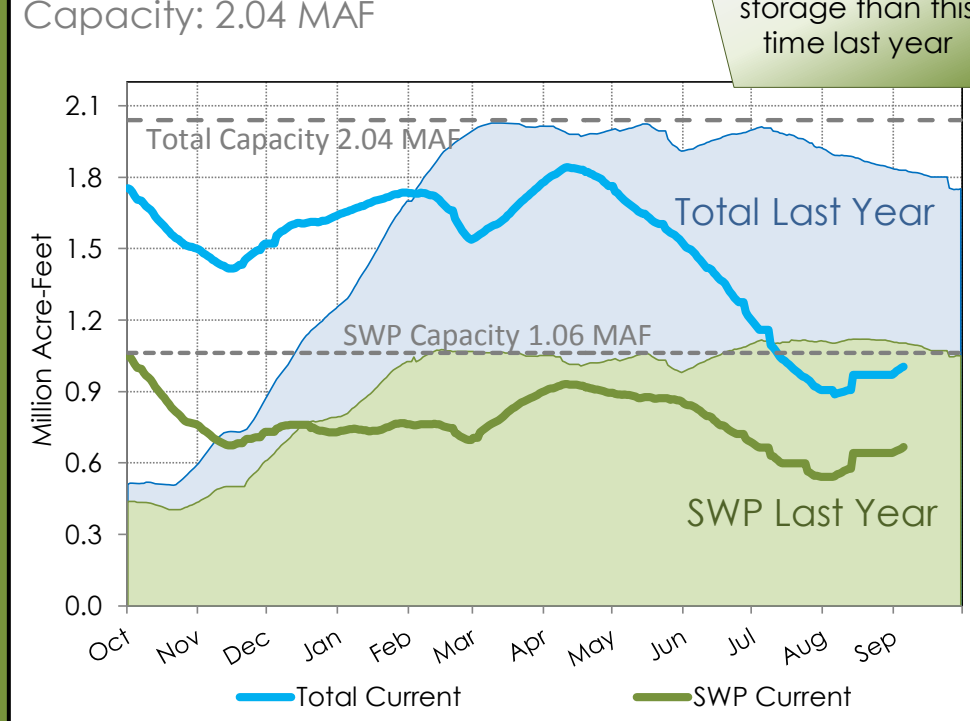
2017 Colorado River Ag Use



Lake Powell Storage



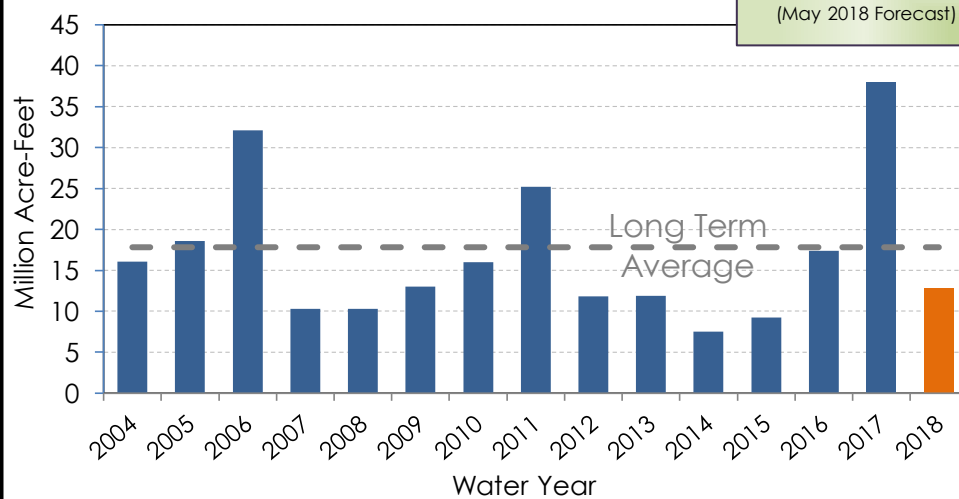
San Luis Reservoir Storage



Other SWP Contract Supplies for 2018 (AF)

Transfer/Exchanges	16,500
Article 14b	27,500
Pool A/B (Purchased)	TBD
Carryover Supplies	297,000

Sacramento River Runoff

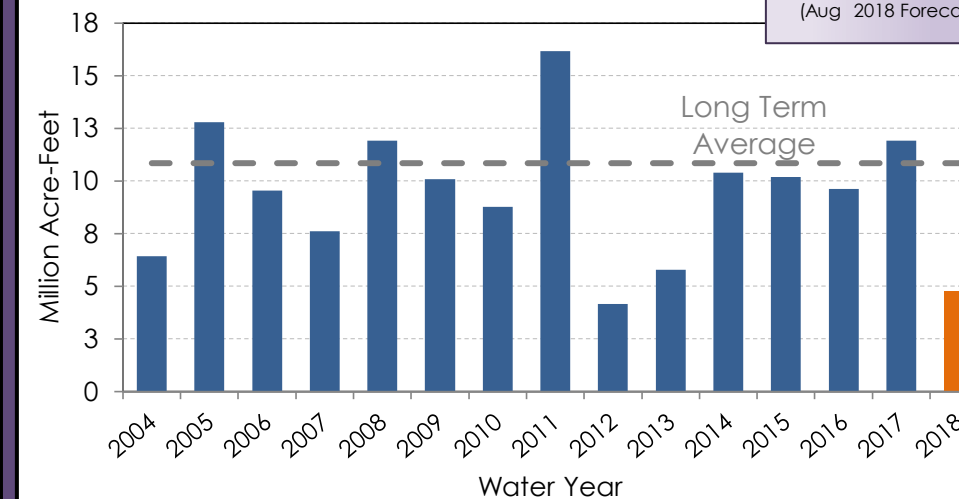


Lake Mead Shortage/Surplus Outlook

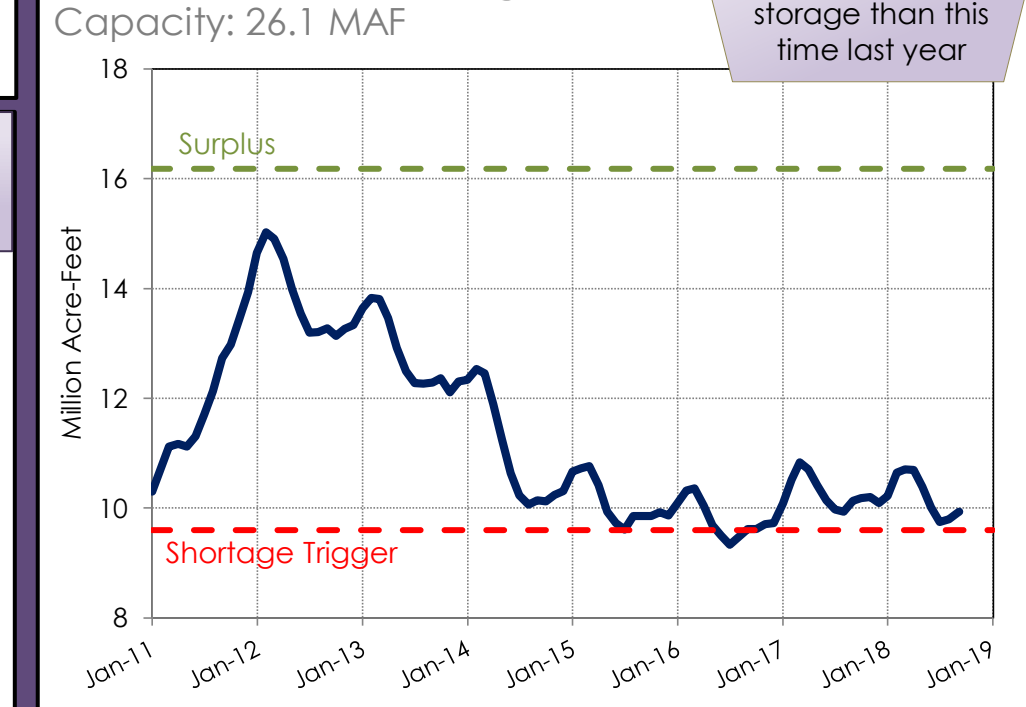
	2019	2020	2021	2022	2023
Shortage	0%	57%	68%	70%	65%
Surplus	0%	0%	3%	5%	7%

Likelihood based on results from the August 2018 CRSS model run.

Powell Unregulated Inflow



Lake Mead Storage





Memorandum

DATE: September 14, 2018
TO: Member Agencies – MWDOC Division Five
FROM: Sat Tamaribuchi, Director – Division Five
SUBJECT: Monthly Water Usage Data, Tier 2 Projection & Water Supply Information

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

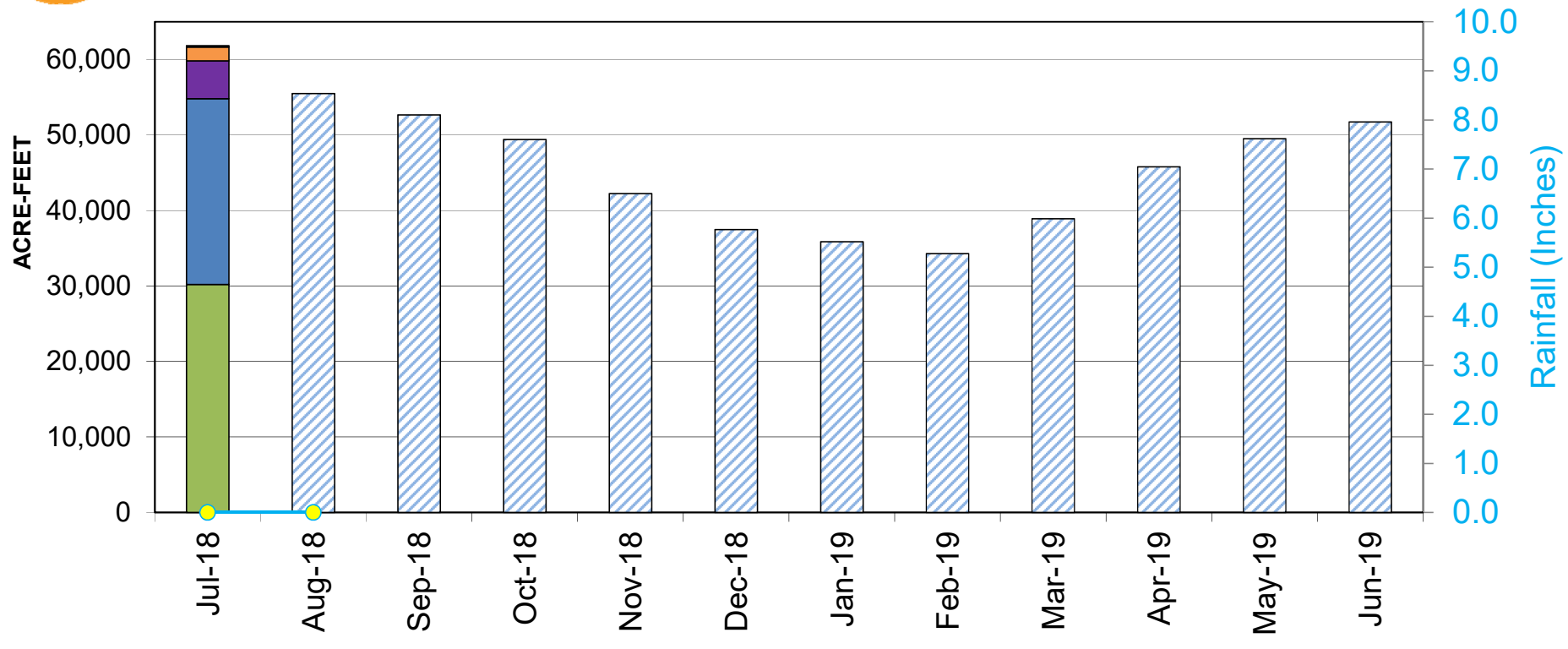
- OC Water Usage, Monthly by Supply OCWD Groundwater was the main supply in July.
- OC Water Usage, Monthly, Comparison to Previous Years Water usage in July 2018 was above average compared to the last 5 years. We are continuing to see slight increases in overall water usage compared to the previous two Fiscal Years. In June 2016, all water conservation became voluntary for MWDOC agencies and the Great California Drought was declared over by the Governor in April 2017.
- Historical OC Water Consumption Orange County M & I water consumption is estimated to be 540,000 AF in FY 2018-19 (*this includes ~15 TAF of agricultural usage and non-retail water agency usage*). This is about 15,000 AF more than FY 2017-18 and is about 36,000 AF more than FY 2016-17. Water usage per person is projected to be slightly higher in FY 2018-19 for Orange County at 155 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 (FY1982-83 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. 1st through Sept. 30th.

- Orange County's accumulated rainfall through August was well below average for this period. Water year to date rainfall in Orange County is 3.66 inches which is 29% of normal.
- Northern California accumulated precipitation through August was around 84% of normal for this period. Water Year 2017 was the wettest water year on record. The Northern California snowpack was 43% of normal as of April 1st. The State of California was in a declared Drought Emergency that started January 2014 and ended in April of 2017. As of late August, 47.58% of California is experiencing moderate to extreme drought conditions while 86.22% of the state is experiencing abnormally dry conditions. The State Water Project Contractors Table A Allocation has increased to 35% as of late May.
- Colorado River Basin accumulated precipitation through late August was 69% average for this period. The Upper Colorado Basin snowpack was 71% of normal as of April 3. Lake Mead and Lake Powell combined have about 58% of their average storage volume for this time of year and are at 42.6% 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 August, Lake Mead levels were 3.5' above the "trigger" limit. The USBR predicts that the start of 2019 will not hit the "trigger" level but there is a 52% chance that the trigger level will be hit in 2020 and a 64% chance in 2021.



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.

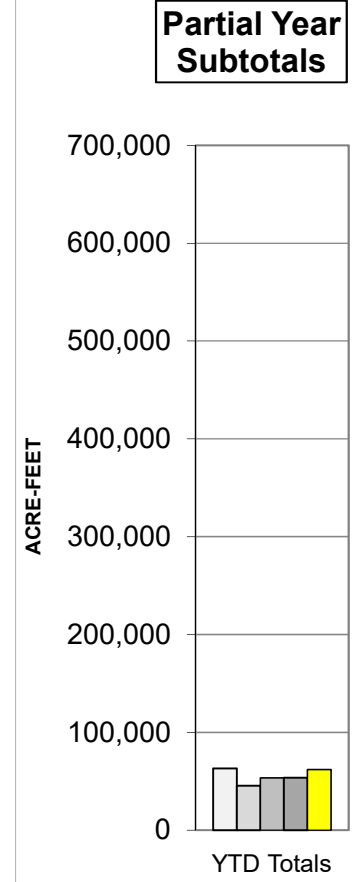
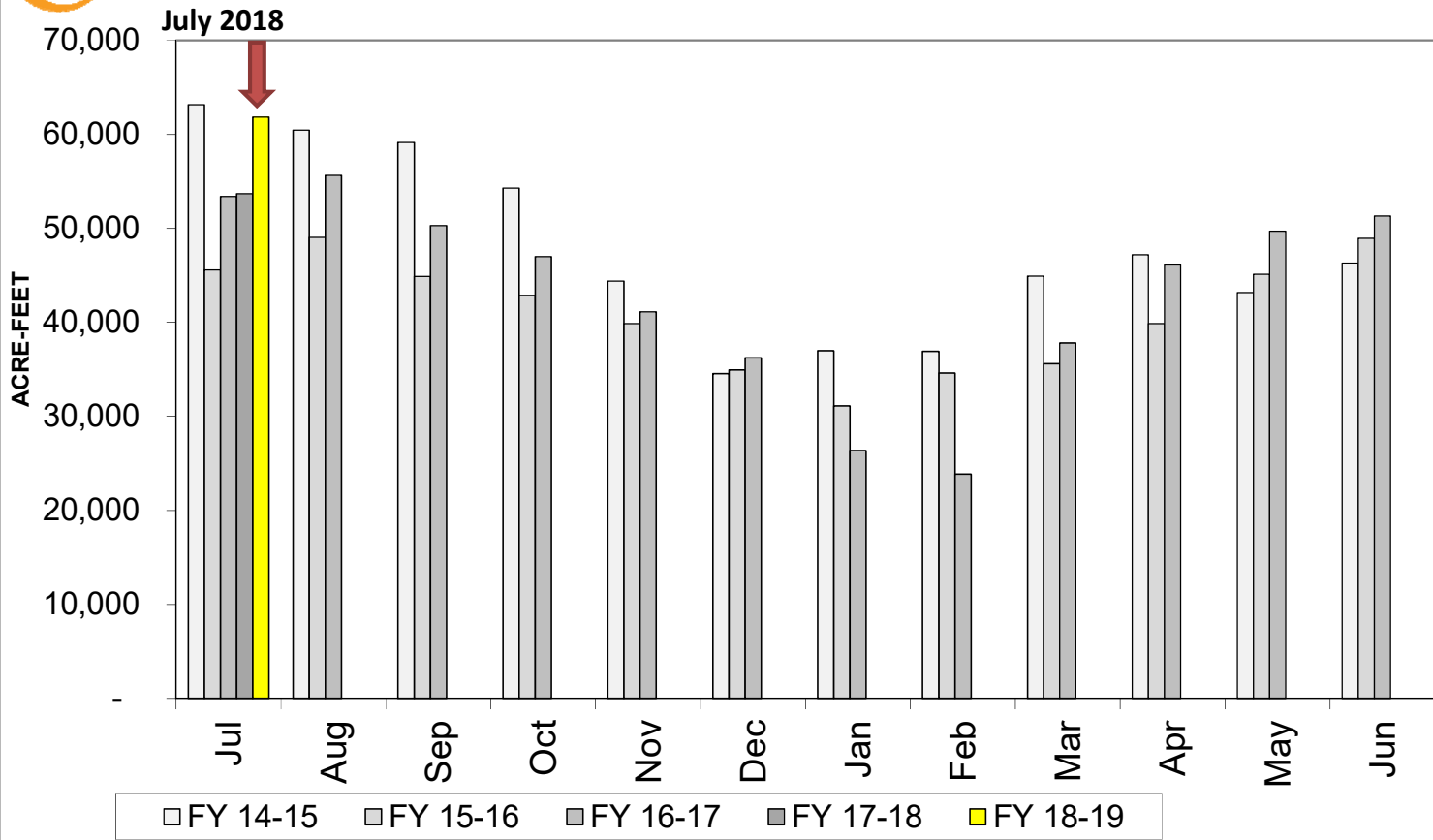
[2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '17-18 is 75%.

[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.

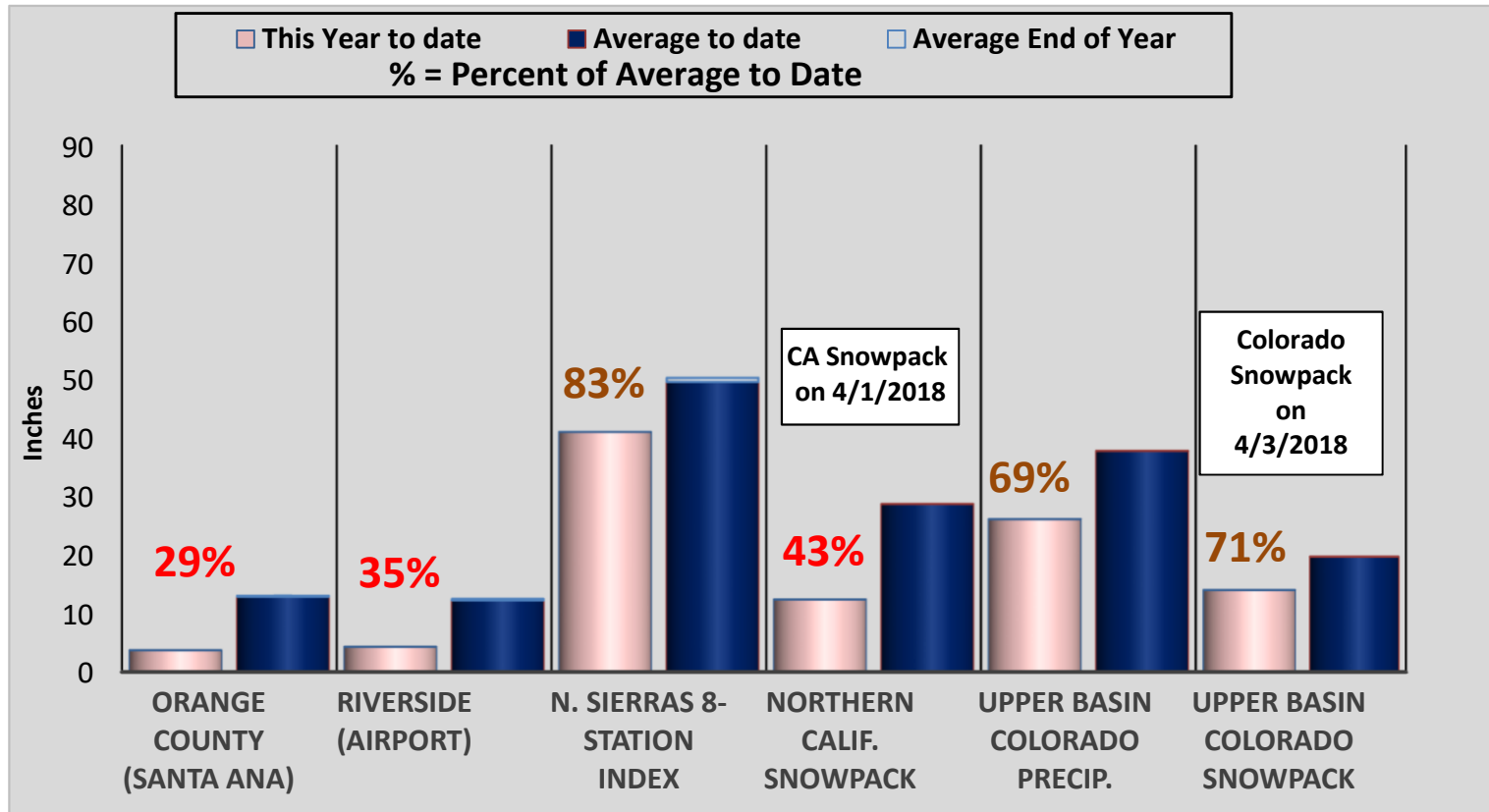


Fig. 2 OC Monthly Water Usage [1]: Comparison to Last 4 Fiscal Years



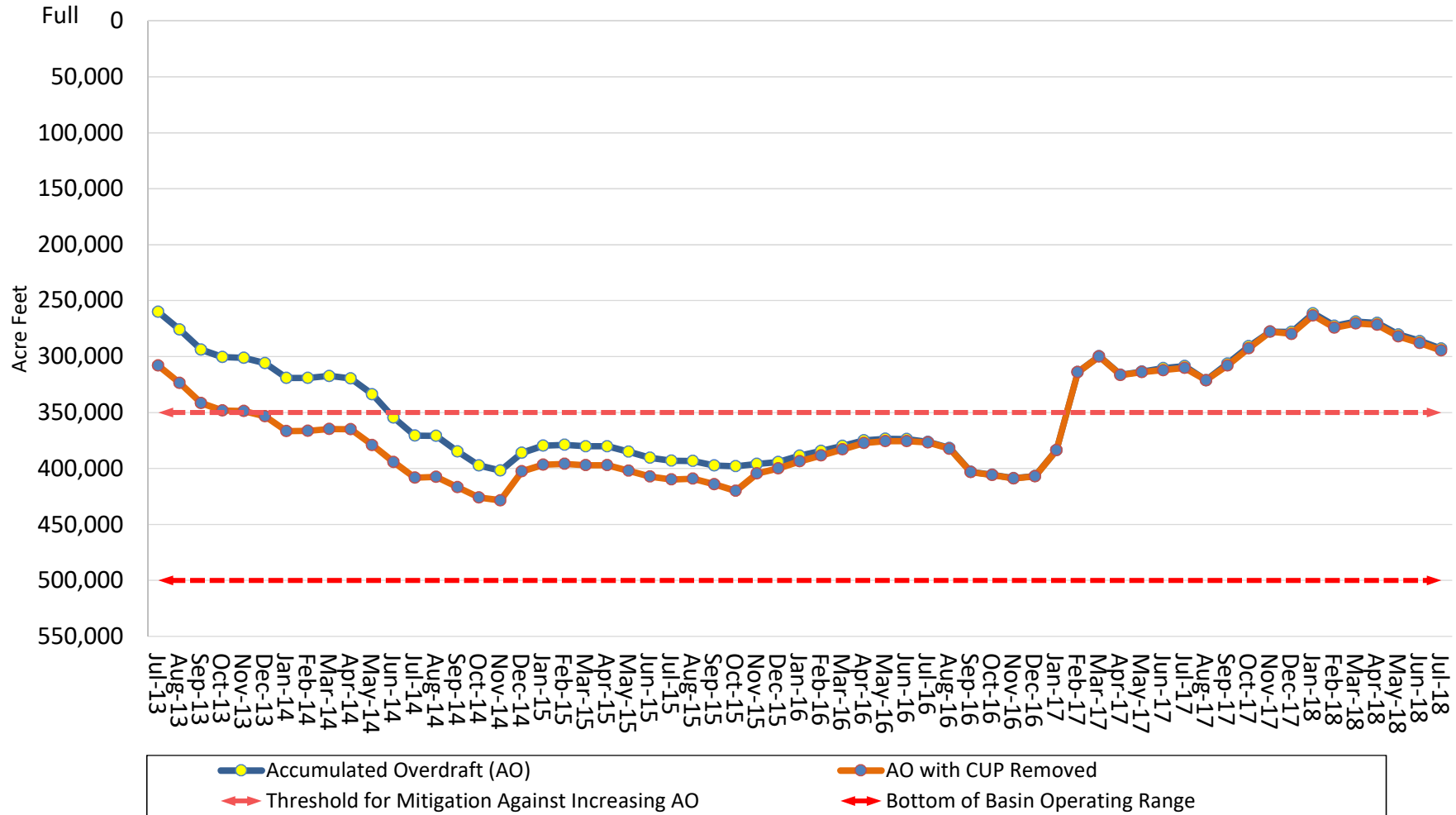
[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment" and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water and excludes GWRS production) Recent months numbers include some estimation.

Accumulated Precipitation for the Oct.-Sep. water year, through August 2018



* 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.

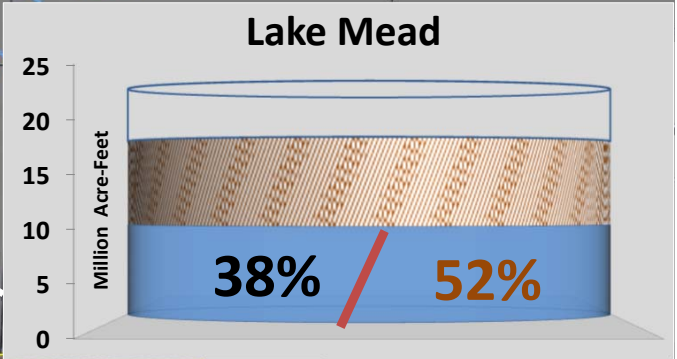
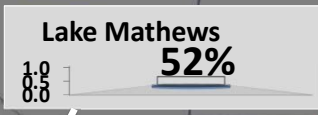
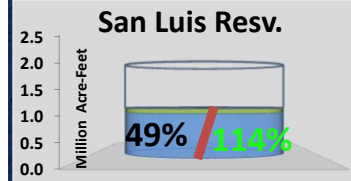
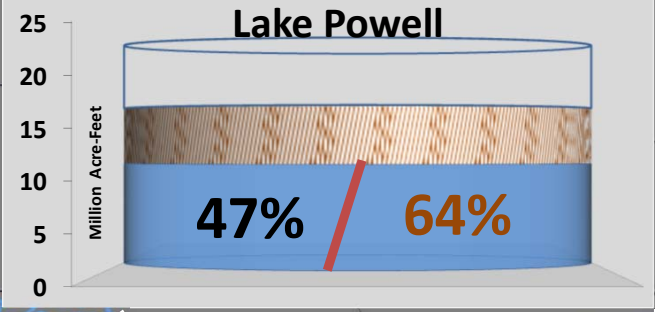
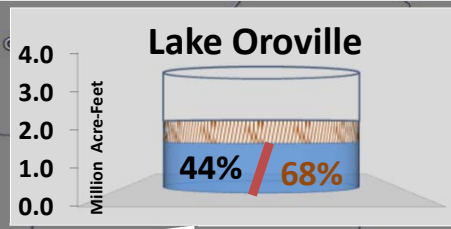
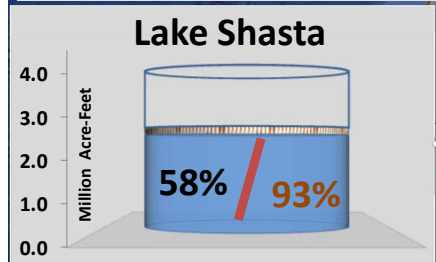
Accumulated Overdraft of the OCWD Groundwater Basin as of July 2018



	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											
AO w/CUP removed (AF)	294,572											



State Water Project, Colorado River, and MWD Reservoir Storage
as of September 4, 2018



© 2015 INECl

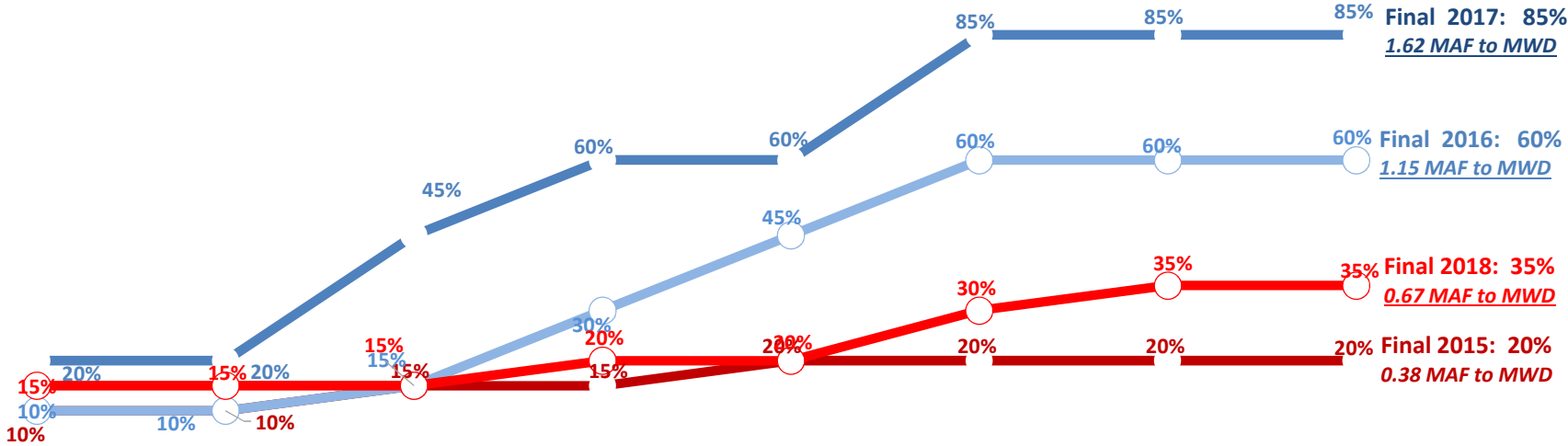


prepared by the Municipal Water District of Orange County
*Number are Subject to Change

SWP TABLE A ALLOCATION

FOR STATE WATER PROJECT CONTRACTORS

Final 2019: ???



Final 2017: 85%
1.62 MAF to MWD

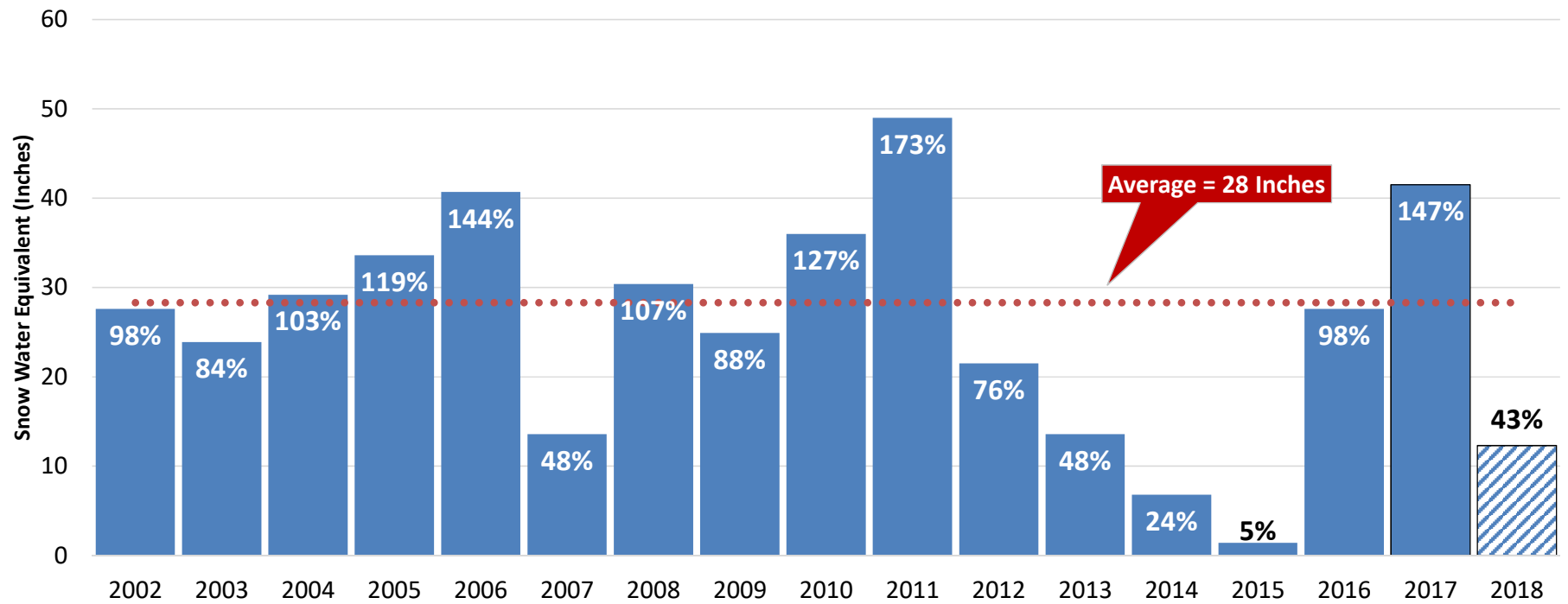
Final 2016: 60%
1.15 MAF to MWD

Final 2018: 35%
0.67 MAF to MWD

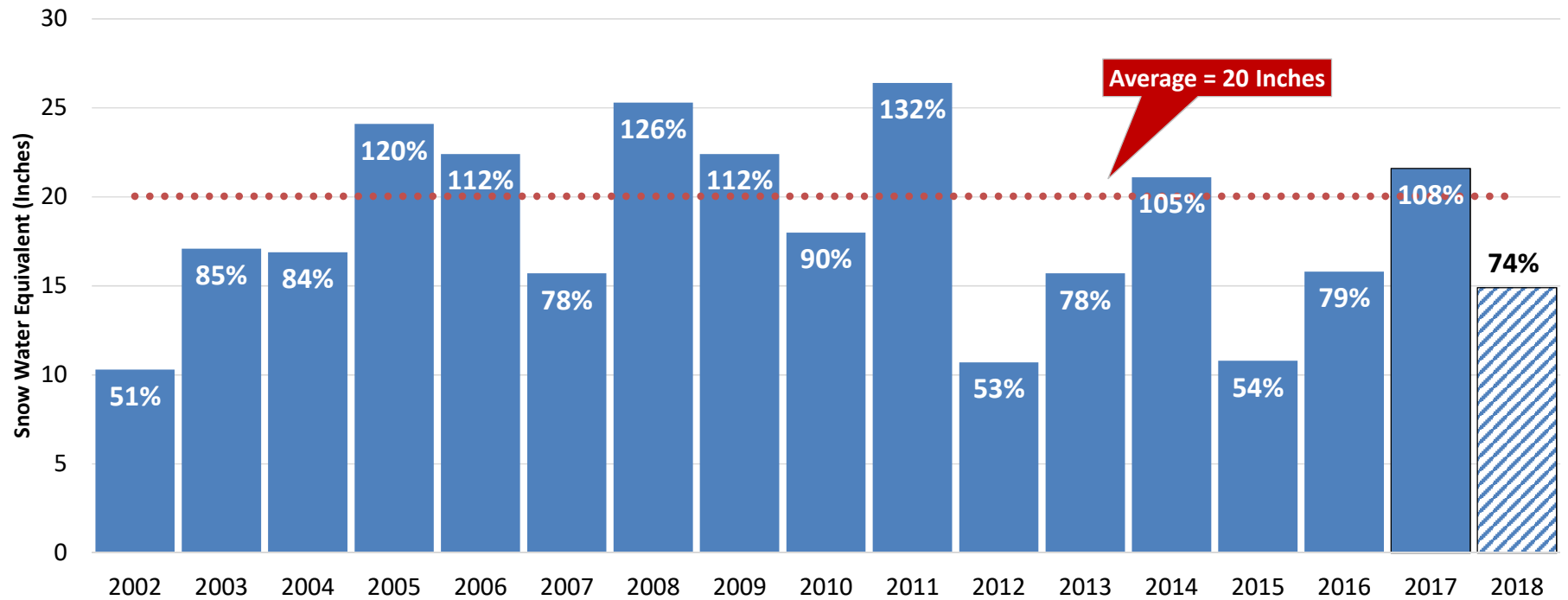
Final 2015: 20%
0.38 MAF to MWD

Water Year 2015 Water Year 2016 Water Year 2017 Water Year 2018 Water Year 2019

Historical Northern California April 1st Peak Snow Water Equivalent

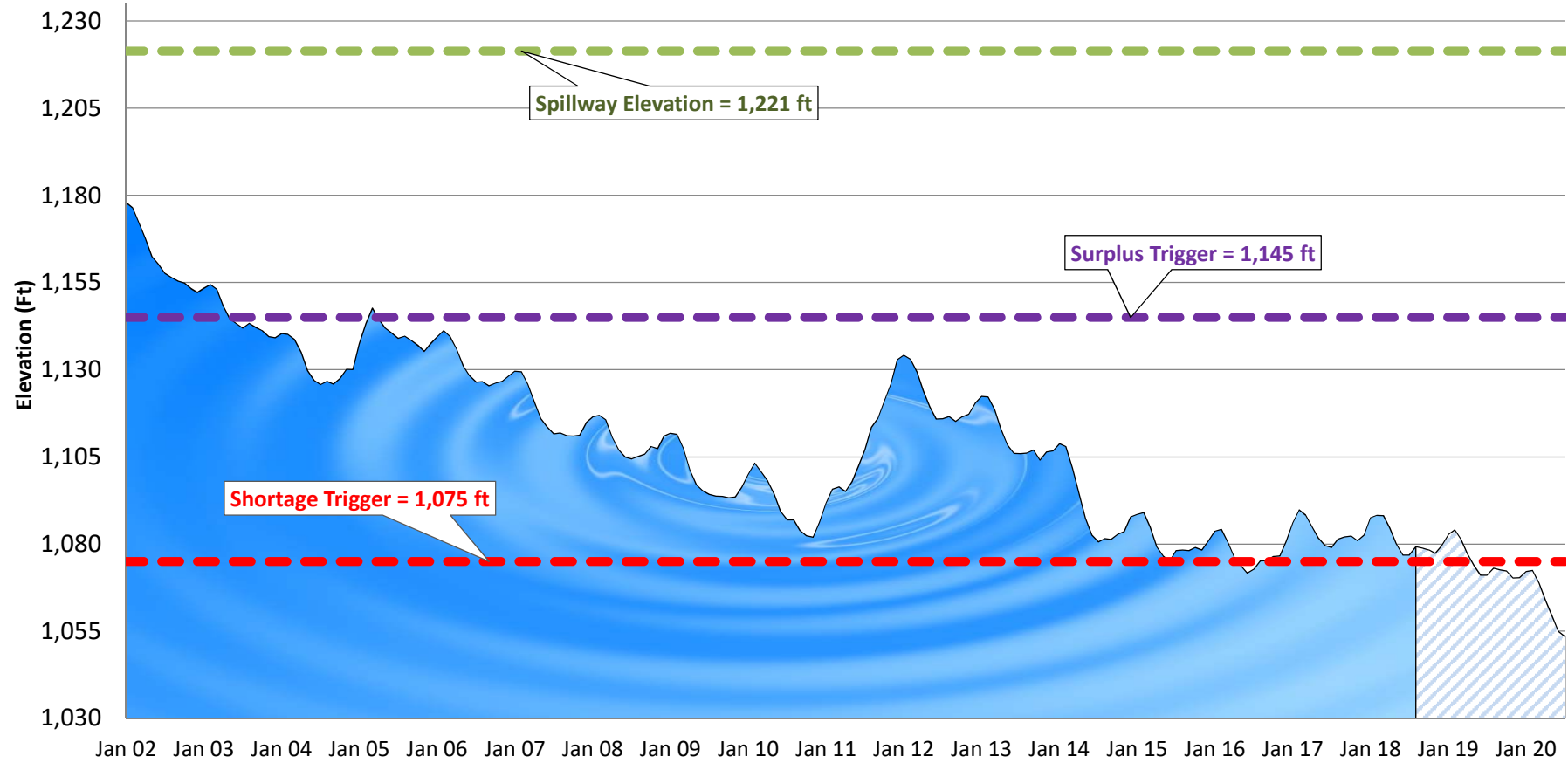


Historical Colorado Basin April 15th Peak Snow Water Equivalent



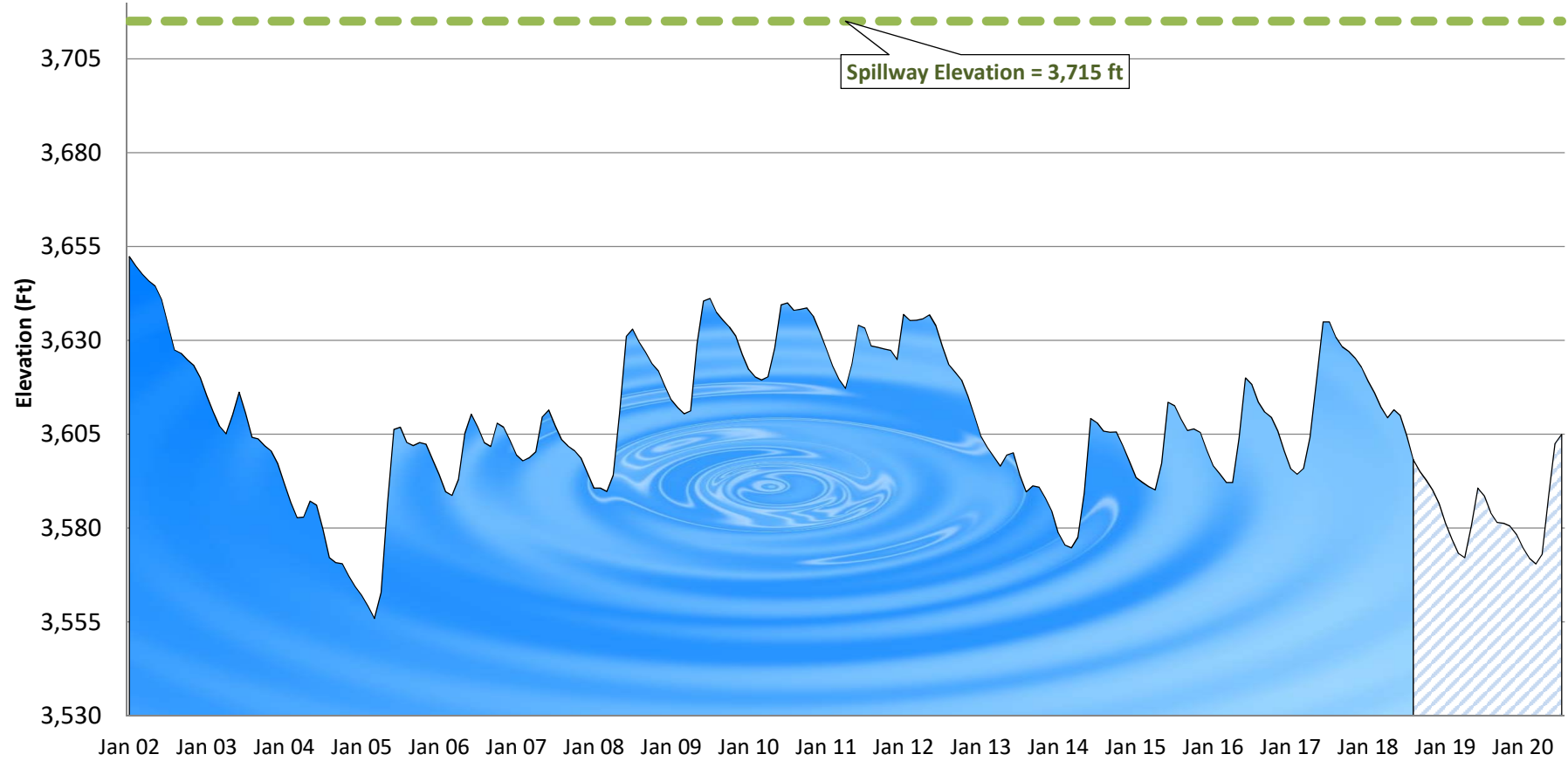
Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical □ Projected

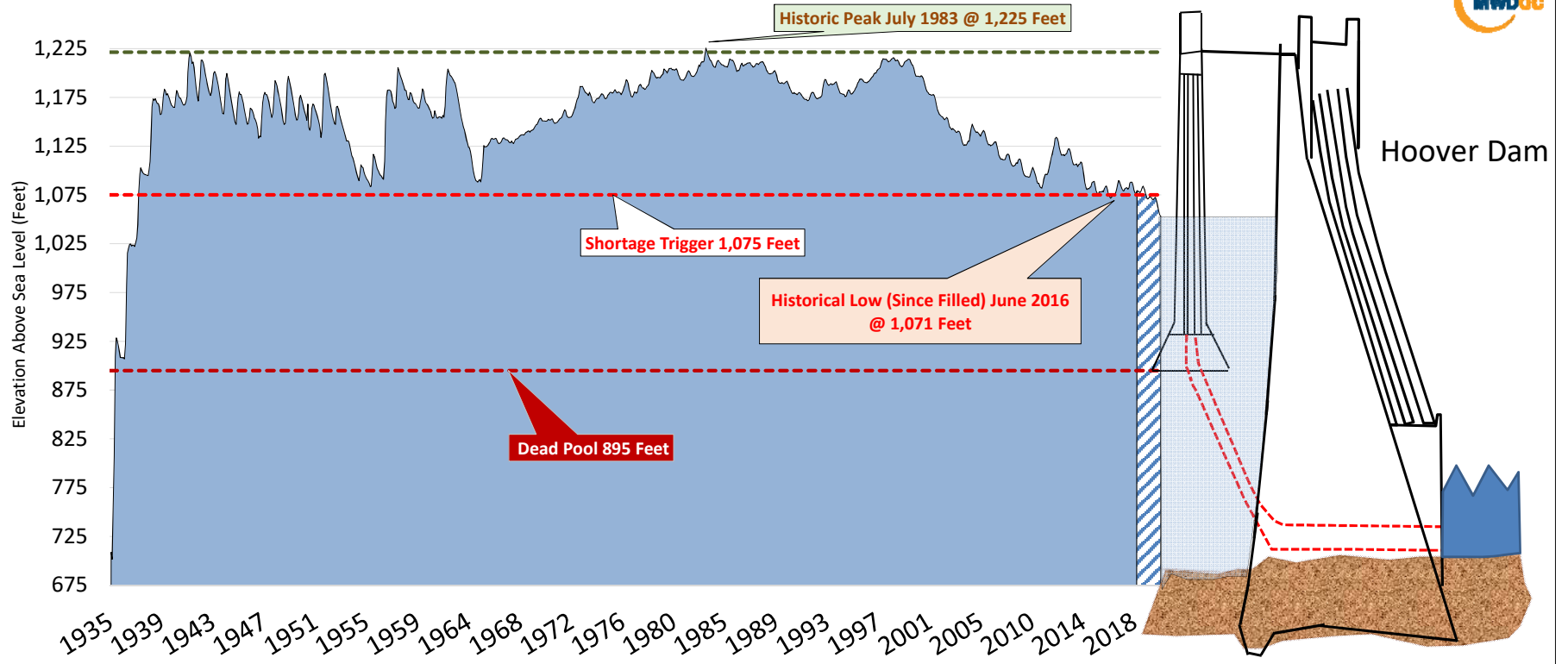


Lake Powell Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical □ Projected



Lake Mead Historical Water Elevation Level



WILL SERVE REQUEST STATUS REPORT

(August 2018)

**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
9/14/17	Elite Hospitality, Inc.	Home 2 Suites	ND	23061 Ave. de la Carlota	Issued	9/14/17
11/14/17	Laguna Hills Investment Company	Oakbrook Village Bldg. D	ND	24231 Ave. de la Carlota	Issued	12/19/17
1/3/18	PS Business Parks, L.P.	GameCraft Brewing	TI	23301 Ave. de la Carlota	Issued	3/6/18
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

ND = New Development

TI = Tenant Improvement

**EL TORO WATER DISTRICT
UNAUTHORIZED DISCHARGE SUMMARY
YEAR OF 2018**

DATE	PUBLIC /	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
	PRIVATE					CLEANING	TV				CONTAINED	SPILLED	CONTAINED	SPILLED	
January 29, 2018	Private	Sewer	23875 Syacmore Mission Viejo	Lateral Blockage	Ran Clean out in front yard, broke stoppage	N/A	N/A	Collections returned 1/30/18 to TV line	9	Yard			18		Notified OCEH, RWQCB-9, City of Mission Viejo
February	No		Spill		to			Report							
March 24, 2018	Private	Sewer	23632 El Toro Rd Lake Forest	Lateral Blockage	Vactored spill, cleaned up parking lot, turned AMS off to two restaurants to help stop spill.	N/A	N/A	Plumbers broke stoppage the next morning. Turned water on to two business's	9	Parking lot Storm Drain			15	55	Notified OCEH, RWQCB-9, City of Lake Forest
April 5, 2018	Private	Sewer	24400 Muirlands Blvd. Lake Forest	Grease Blockage	Vactored spill, ran the line and broke up stoppage Notified Agencies	N/A	N/A	Crew used 100 gallons of potable water to clean up area	8	Private Parking lot, storm drain			20	80	Notified OCEH, RWQCB-8, City of Lake Forest
April 28, 2018	Private	Sewer	84 Calle Argon Laguna Woods	Lateral Blockage / Roots	Put out sand bags to contain spill. Vactor was brought in to jet the line and break up blockage	N/A	N/A	Used about 200 gallons of potable water to wash down spill and vactored it up Informed cust. to TV the line	9	Private Parking lot			60	60	Notified OCEH, RWQCB-9, City of Laguna Woods
May	No		Spill		to			Report							
June 28, 2018	Private	Sewer	23645 El Toro Rd. Lake Forest	Clean out broken	Collections Crew Vacummed up standing water	N/A	NA	Collections Crew Vacummed up standing water	9	Private Parking Lot			2	2	None
July	No		Spill		to			Report							
August	No		Spill		to			Report							
LEGEND											0	0	115	197	

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

From: SWRCB Office Research, Planning & Performance <drinc@waterboards.ca.gov>
Sent: Thursday, September 13, 2018 11:16 AM
To: Bob Hill
Subject: Monitoring Report Acknowledgement for August 2018

Hello Robert Hill

Thank you for your Monitoring Report. Below is the information you have submitted for the month of August 2018. 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	0818
Stage/Mandatory	None
Days Outside Irrigation	
Total Potable Water Production	834.68 AF
2013 Same Month Production	1042.70 AF
CII Water	90.51 AF
Commercial Agricultural Water	0 AF
Commercial Agricultural Water 2013	AF
Recycled Water	233.30 AF
Non-revenue Water	AF
Residential Use Percentage	63.16 %
Population	48628
Estimated R-GPCD	114
Number Complaints	2
Number Follow-ups	2

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

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

Month	Total Purchases 2013 (AF)	ET 2013	Total Purchases 2015-2018 (AF)	ET 2015-2018	Delta (AF)	Delta %	Residential % of Total 2015-2018	Residential Usage 2015-2018 (AF)	GPCD 2015-2018	RW 2013 (AF)	RW 2015-2018 (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
Total	31,825.02	176.75	24,339.86	170.83	-7485.16	-24%	68.05%	16,375.23	92	1,536.68	4,502.02

(WRP) Tertiary Treatment Plant

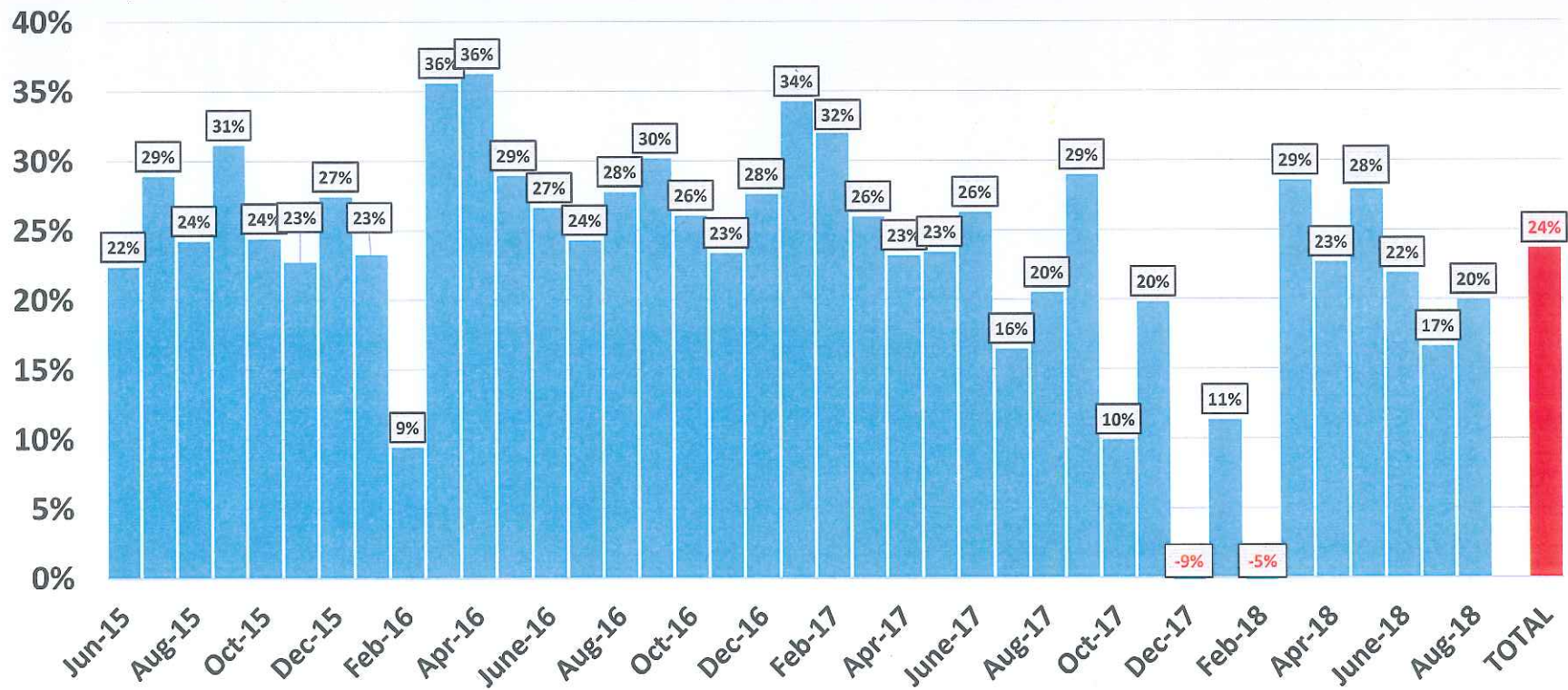
Aug-18

Total Recycled Water Production

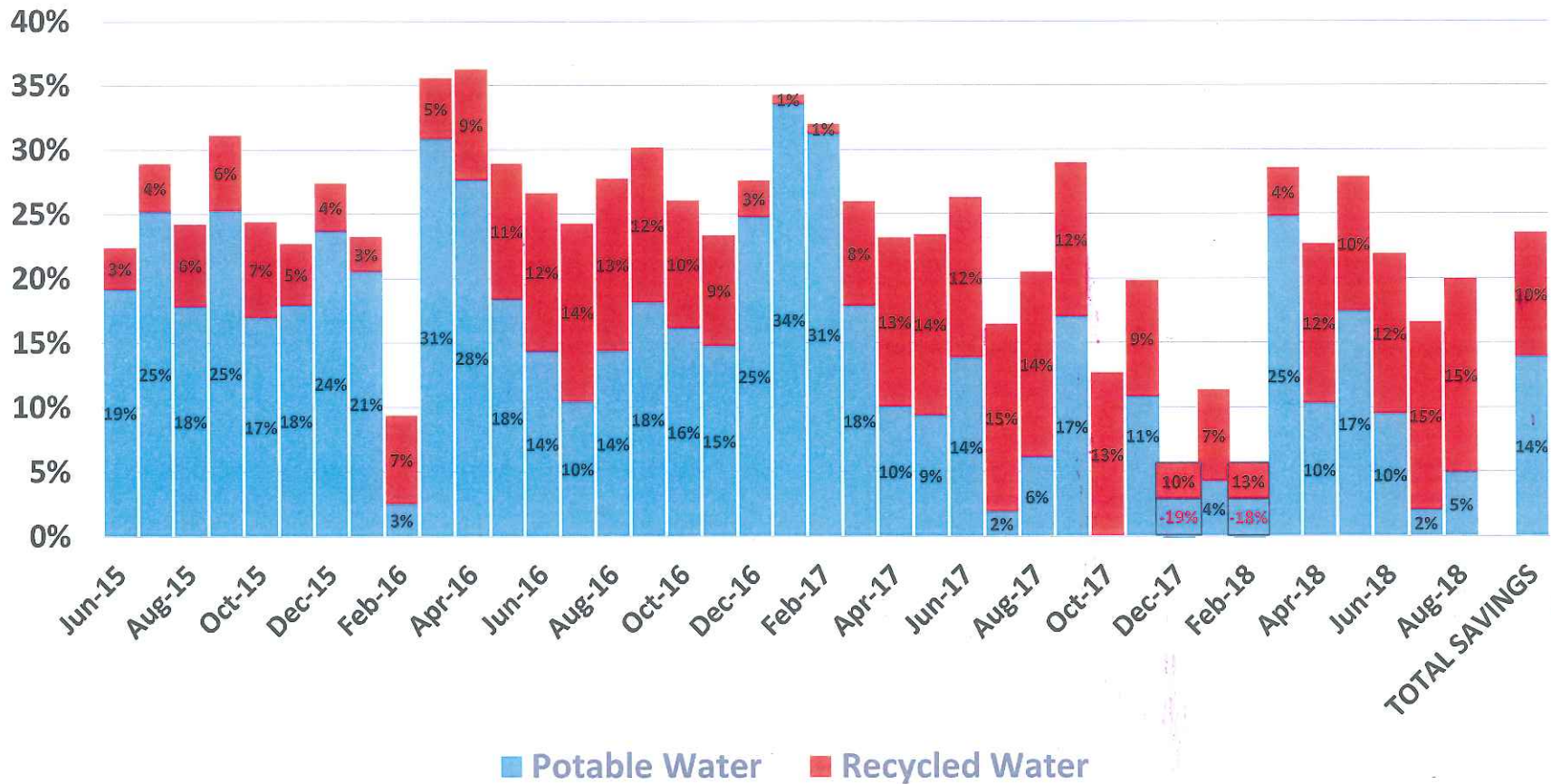
Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q MGD	0.649	1.644	0.160	2.453
Total Q MG	20.105	50.952	4.963	76.020
Total Acre Feet	61.700	156.366	15.231	233.297

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



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Nicholas Crockett
Allison Leavitt

Municipal Water District of Orange County, California
Washington Update
September 11, 2018

Congress returned into legislative session last week after its traditional August Recess. The House and the Senate have only been in session together for three days since the publication of our last Washington Report.

There have been some developments since the first part of August that are noteworthy to bring to your attention.

With the passing of Senator John McCain, Jon Kyle of Arizona, a former Congressman and Senator from that State, has been named and sworn into office to replace Senator McCain. Senator Kyle brings with him a keen knowledge of western water law and an understanding of Colorado River issues. At this time, it's unclear what committees he will be sitting on in the Senate at this time and whether or not he will be filling the entire twenty seven month vacancy period of the McCain's seat.

The Water Resources Development Act of 2018 (the WRDA Bill) was unable to pass the Senate Floor during the month of August and we are now advised by senior staff that a newly negotiated WRDA Bill will be introduced in the House later this week and voted on—and then sent over to the Senate where it will need to pass that body. The new bill appears to still face the same problem that kept the upper chamber from considering its previous version of the measure this summer: an objection from Senator Richard Burr (R-N.C.) who has vowed to stall the legislation until a deal can be reached to reauthorize the Land and Water Conservation Fund. No word yet from Burr's office or from Committee Staffers on what Senator Burr might do to block this. The House is expected to take up the bill as soon as this Thursday, but plans in the Senate are unclear.

Update on the Appropriations Process:

On September 10th, Congressional negotiators released the final conference report version of the first three-bill “minibus” package of fiscal year 2019 appropriations bills, including the Energy and Water Appropriations Bill (the other agencies covered under this package include the Department of Veterans Affairs and Legislative Branch Appropriations).

This is the legislation that funds the Bureau of Reclamation and the Army Corps of Engineers. The package appropriates \$7.0 billion for the water resources program of the U.S. Army Corps of Engineers, \$172 million more than last year and \$72 million more than the Senate bill (but still \$279 million less than the House bill).

Regarding the Bureau of Reclamation – The legislation contains \$1.57 billion – \$85 million above the fiscal year 2018 enacted level – for the Bureau of Reclamation “to help manage, develop, and protect the water resources of Western states”. The bill includes \$134 million for water storage projects authorized in the Water Infrastructure Improvements for the Nation (WIIN) Act.

On the issue of “policy riders”, the bill restricts the application of the Clean Water Act in certain agricultural areas, including farm ponds and irrigation ditches. The conference report includes language expressing Congressional concerns with judicial interference in the operation of the Federal Columbia River Power System hydroelectric dams. The bill does not provide funding for the Yucca Mountain Nuclear Storage facility—something of a crusade for Senator Heller in Nevada.

Of note, this package is NOT the package that includes (or should include) the so-called Calvert Language dealing the WaterFix Project. That issue will be dealt with in the upcoming Interior/EPA Appropriations Bill. The fact that the Energy and Water Appropriations Bill does contain some policy riders gives credibility to the notion that the Interior / EPA Bill may have riders in it as well. It is also important to note that many “riders” were also knocked out of the bill. We don’t know at this time whether the Calvert language will be included in the Interior Appropriations bill or not. We have been told by key staff that it is a top priority of the House Majority Leader, Kevin McCarthy. And given the prospect that the House may now flip to the Democrats, Congressmen McCarthy and Calvert may be more determined than ever to seek the inclusion of this language into the Interior Bill.

The House and Senate have scheduled their first Conference Meeting on the Interior/ EPA Bill for later this week.

Back to the Energy and Water Bill, at press time the House is trying to schedule the consideration of the Energy and Water Appropriations Committee Conference Report for floor consideration this week. The Senate would likely consider the bill either late this week or early next week. Assuming the bill passes the full Congress shortly, this will be the first time since 2009 that the House and the Senate have passed an appropriations bill in regular order before October 1st.

Other Issues in the Appropriations Bill of Note:

On the matter of the Reorganization of the Army Corps, the E&W Conferees firmly rejected the element of the Trump Administration's proposed government reorganization plan for the Army Corps that would have moved some of the civil works functions to other water development activities into other agencies. The conference agreement has this to say on the issue:

The conferees are opposed to the proposed reorganization as it could ultimately have detrimental impacts for implementation of the Civil Works program and for the numerous non-federal entities that rely on the Corps' technical expertise, including in response to natural disasters.

The conferees are extremely concerned that an action of this magnitude, which crosses multiple jurisdictional lines and has far-reaching consequences, was not properly brought to Congress as a proposal, allowing for oversight and hearings as to its effects. Notification and discussion with Members of Congress and Committee staffs was nonexistent. Further, this type of proposal, as the Department of Defense and the Corps are well aware, will require enactment of legislation, which has neither been proposed nor requested to date. Therefore, no funds provided in this Act or any previous Act to any agency shall be used to implement this proposal.

Of note, the \$7.0 billion total appropriation for the Corps in this package is an all-time high (excluding emergency funding, which comes along every few years and can more than double the regular Corps budget (Katrina, Sandy, Harvey-Maria). As a comparison to previous bills, this total is \$2.25 billion (47 percent) more than the final \$4.75 billion Corps funding total in the sequestration year of FY 2013.

On the issue of chronic OMB underfunding of water programs, the ongoing mismatch between what the White House Office of Management and Budget requests for new projects (the Construction account) and the studies that will eventually lead to new projects (the

Investigations account) is getting more troublesome. Every year, OMB requests total funding for these accounts that is far too low – but OMB is secure in the knowledge that Congress will always, always, restore this funding. So it is the equivalent of OMB “padding” the budget request to make it look a billion dollars or so lower than it realistically is.

In the FY 2019 cycle, OMB requested a total of \$992 million for these accounts, which was \$1.2 billion below the total that Congress was in the process of appropriating for 2018 when the 2019 budget was submitted. The total for these accounts in the new 2019 conference agreement is \$2.308 billion, which is \$1.3 billion more than the request.

This underfunding of the Army Corps program is happening every year and every year the Congress appropriates more funding than was submitted in the annual budget.

Wildfire Management Funding Update:

Congress’s long-term fix to the U.S. Forest Service’s “fire borrowing” problem does not go into effect until FY 2020. Consequently, having returned from August Recess and ahead of the impending midterm elections, lawmakers are weighing the possibility of an emergency supplemental appropriation measure in response to California’s devastating fires.

As of early August, the Forest Service had approximately \$196 million in fire suppression funds remaining. Given the rate of spending at that time, Agriculture Secretary Sonny Perdue notified Congress that the agency is preparing a \$555 million transfer from other accounts to ensure it can keep fighting the fires depending on the severity of future fires.

A similar funding problem occurred last year. In response to last year’s fire crisis, Congress intervened with a supplemental appropriation of \$526.5 million to prevent the Forest Service from draining other accounts, including funds set aside for preventive actions.

It’s not yet clear whether Congress will again pass an emergency appropriations bill to prevent the Forest Service from “borrowing” against other accounts earmarked for recovery or fire suppression efforts. However, any action Congress will take should come into focus over the next couple weeks. We are monitoring this issue very closely.

JCB 9-11-18

**Energy & Water Conference Report funding breakout for FY2019
September 12, 2018**

Bureau of Reclamation Funding Level of \$1.57 Billion

	FY19 Conference	FY 19 Request	FY 18 Omnibus
Water & Related Resources	\$1.39 B	\$891 M	\$1.09 B
Rural Water	\$98.7 M	-	\$43.8 M
Water Conservation & Delivery	\$224 M	-	\$92.8 M
Environmental Restoration or Compliance	\$40 M	-	\$5 M
Facilities OM&R	\$4 M	-	\$4 M
Desalination and Water Purification Program	\$19.8 M	\$2.9 M	\$17.8 M
WaterSMART Grants	\$34 M	\$10 M	\$34 M
Cooperative Watershed Management Program	\$2.25 M	\$250 K	\$4.2 M
Basin Studies	\$5.2 M	\$2 M	\$5.2 M
Drought Response	\$4 M	\$2.9 M	\$4 M
Resilient Infrastructure	-	-	-
Water Conservation Field Services Program	\$4.18 M	\$1.75 M	\$4.2 M
Title XVI Water Reclamation & Reuse Program	\$58.61 M	\$3 M	\$54.4 M

Funding under "Water Conservation and Delivery" (\$224 Million)

- \$134,000,000 for water storage projects as authorized in section 4007 of Public Law 114-322 (WIIN Act).
- \$15,000,000 for water conservation activities in areas experiencing extreme, exceptional, or extended drought conditions.

Funding under "Environmental Restoration or Compliance" (\$40 Million)

- \$30,000,000 for activities authorized under sections 4001 and 4010 of Public Law 114-322 (WIIN Act) or as set forth in federal-state plans for restoring threatened and endangered fish species affected by the operation of the Bureau of Reclamation's water projects.

Funding under "Desalination and Water Purification Program" (\$19.8 M)

- \$12,000,000 for desalination projects as authorized in section 4009(a) of Public Law 114-322 (WIIN Act).

Funding under "Title XVI Water Reclamation & Reuse Program" (\$58.61 M)

- \$20,000,000 for water recycling and reuse projects as authorized in section 4009(c) of Public Law 114-322 (WIIN Act).

Army Corps Funding Level \$7 Billion

	FY19 Conference	FY19 Request	FY18 Omnibus
Operations and Maintenance	\$3.71 B	\$2.07 B	\$3.63 B
Construction	\$2.18 B	\$1.02 B	\$2.09 B
General Investigations	\$125 M	\$82.6 M	\$123 M
Corps Regulatory Program	\$200 M	\$200 M	\$200 M

New Starts. The agreement includes six new starts in the Investigations account and five new starts in the Construction account.

Note from Conference Report:

The conferees are concerned with delays in executing funds that have been appropriated in regular and supplemental appropriations bills. While the Office of Management and Budget (OMB) has a responsibility to oversee execution of the funds, the conferees are concerned that OMB is adding additional burdens to the Corps' processes that may result in unnecessary delays and potentially overriding technical and expert judgments by the Corps. The conferees expect funds appropriated in this Act to be quickly and efficiently executed, consistent with the terms and conditions in this conference report.



Memorandum

To: Municipal Water District of Orange County
From: Syrus Devers, Best Best & Krieger
Date: September 17, 2018
Re: Monthly State Political Report

End of Session Report

There are two bills on the Governor's desk that MWDOC has a position on, SB 998 (Opposed: Dodd – prohibitions on disconnection of water service) and AB 2050 (Support: Caballero – small water system consolidation) but there was no new information on either bill at the time this report was prepared. The Governor has until September 30th to act on any bill that arrived on his desk in the last two weeks of session. BB&K will provide an update at the hearing.

End of Session Games:

The last two weeks of session proved to be unusually active for water industry lobbyists. The administration attempted a last-minute play on reviving the SB 623/Trailer Bill program to fund disadvantaged water districts, with the twist that the program would be funded by a “voluntary remittance” and SB 844 and SB 845 (Monning) were amended to carry the program forward. BB&K was actively involved in the opposition and the letter submitted by MWDOC was circulated within the leadership of the Assembly. The bills were held and Assembly Speaker Rendon formed a working group chaired by Assembly Member Heath Flora (R-Modesto) and Assembly Member Eduardo Garcia (D-Coachella) to work on a compromise over the Interim break. BB&K's lobbyist (yours truly) was invited to be a part of the working group.

As if that wasn't enough to deal with in the last few hours of session, opponents of the Cadiz project in the Mojave did a gut-and-amend on SB 120 (Roth) to revive AB 1000 (Friedman) from last year. The bill would have subjected the Cadiz project to two new reviews by state agencies. BB&K appeared on behalf of MWDOC to oppose, based on the prior opposition to AB 1000, but the bill was eventually held in Sen. Appropriations in a rare display of respect for the legislative process. The new Chair of Sen. Appropriations, Senator Anthony Portantino, stated during the hearing that he supported the goal of the bill, but insisted that the bill be held anyway. And to be clear, he did not entertain any second guessing of his decision. The unspoken reason was likely due to the fact that AB 1000 was held on the Assembly Appropriations suspense file last year. Taking over a bill in the opposite house for the same purpose is called a “jail break.” If this is allowed, it



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would act to undermine the authority of both fiscal committees. Although Senator Portantino did not mention the Assembly action, he made a brief but eloquent statement about upholding the integrity of the Legislature and held the bill.

Please note that these bills never had a chance to get on the Bill Matrix.

Bill Matrix: The format of the attached Bill Matrix is only for this report. BB&K provides this list at the end of every session to give the PAL Committee an opportunity to look over the entire bill list and determine if there were any bills that were not brought to the attention of the PAL Committee that should have been. Any bill with a listed position appeared on the Bill Matrix for the PAL Committee's review at some point throughout the year. Calling attention to bills that should have been reported on but weren't helps us improve our vetting process.

The County of Orange Report

September 11, 2018
by Lewis Consulting Group



- The September 12th LAFCO meeting was held after our print deadline, so matters of interest will be reported verbally at the PAL meeting on September 17, 2018.

Other than a legislative report appearing on the consent calendar, the entirety of the meeting will be spent reviewing the Focused Municipal Service Review for the City of San Juan Capistrano Water and Wastewater Utility.

As a reminder, a study session was held previously on July 11th. At that meeting, several commissioners commented that certain key information appeared to be missing. As a result, the study was updated to include additional information related to the San Juan Basin Authority, the San Juan Watershed Project, along with other water reliability projects.

Currently the City of San Juan Capistrano has begun meeting with its three potential suitors: the South Coast Water District, Moulton Niguel Water District and the Santa Margarita Water District. LAFCO anticipates that before the end of the year, the city will file an application to transfer assets to one or more districts.

Ultimately an annexation to the district will be required along with an updated sphere of influence.

In the study submitted to LAFCO, it was clear the authors were comfortable in recommending either the Moulton Niguel or Santa Margarita Water Districts, but felt that South Coast's smaller size made their selection problematic.





Update

Court Proceedings Dominate Homeless Update

The Federal 9th District Court of Appeals on September 4, 2018 ruled that cities which have less homeless beds than homeless, will no longer be able to prosecute the homeless for camping in public areas including parks and sidewalks.

The ruling has only strengthened Orange County Judge David Carter's hand as he has cajoled local cities to build more shelters for the homeless. Three days after the federal ruling, Judge Carter convened a long scheduled hearing attempting to negotiate a settlement to a lawsuit brought by homeless advocates. Judge Carter has expressed frustration with the pace that many cities have exhibited despite the Judge's warnings.

At the Friday, September 7th hearing, Judge Carter stated time was up and he would no longer grant any more continuations, instead urging either a quick settlement or litigation.

Some cities have heeded Judge Carter's warnings and have worked hard to respond to the challenge collectively - Santa Ana, Anaheim, Costa Mesa and Orange have proposed new facilities with hundreds of new beds.

In contrast, at the hearing, other than some legal representation, there was no presence from any South Orange County cities. The judge expressed concern about approaching winter season and he appears to be forcing resolution prior to the cold weather.



Key Orange County November Races

JRL PREDICTIONS RANKED BY COMPETITIVENESS



48 th C.D.	▲Rohrabacher vs. Rouda	photo finish	New York Times Poll/45% - 45% Rouda research reveals flaws recent polling
4 th Supervisorial District Attorney	▼ Shaw vs. Chaffee -- Rackauckas vs. Spitzer	Shaw by a head Spitzer by a head	
72 nd A.D.	NEW Diep vs. Lowenthal	Lowenthal by a head	
45 th C.D.	-- Walters vs. Porter	Porter by a head	Blue Wave momentum? potential Blue Wave upset?
74 th A.D.	-- Harper vs. Petrie-Norris	Harper by a length	
39 th C.D.	-- Kim vs. Cisneros	Kim by 1 length	
49 th C.D.	-- Harkey vs. Levin	Levin by 2 lengths	
65 th A.D.	-- Quirk-Silva vs. Coronado	Quirk-Silva by 4 lengths	
Sheriff	-- Barnes vs. Nguyen	Barnes by 4 lengths	quirky & unpredictable election, look for surprises

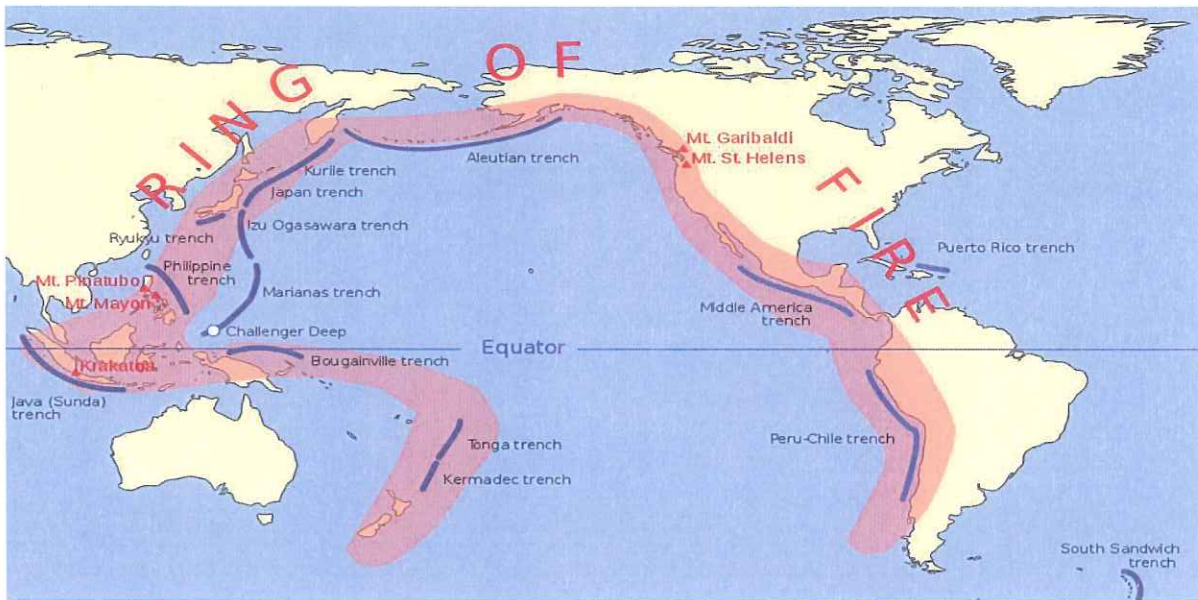
A Look Back from June's PAL Report:

Earthquake & Volcanos - OH MY!

Solar Cycle 24 shows a dramatic weakening of solar activity. Solar Cycle 25 might be even weaker. Why should we care? Weak solar activity by itself seems to create between 1-3 tenths of a degree of global cooling. This might help counter part of the overall warming trend. However, there might be a greater danger lurking. Several studies have shown strong correlation between long periods of solar quietude and an increasing number of major earthquakes and volcanos.

UPDATED

The theory that somehow solar activity (or in this case - a lack of activity) might be influencing a huge up tick in volcanic and earthquake activity is gaining more traction. The Ring of Fire is exploding with activity. Are we headed towards a California BIG one?



On August 28th, the U.S. geological survey recorded 30 earthquakes along the Pacific Ring of Fire. The largest was a 6.4 shaker in Guam. The smallest of the 30 was 3.6 in Alaska.

As we write this report, we have witnessed a 5.9 in Equador on September 3rd, a 5.4 in Japan on September 4th, a 5.5 in Fiji on September 5th, a 7.8 in Fiji and a 6.7 in Japan on September 6th. Stay Tuned!!

PAL Committee

Prepared by Best Best & Krieger
September 17, 2018

End of Session Report

AB 18

*(Garcia, Eduardo D) Healing arts: Licensed Physicians and Dentists from Mexico Pilot Program.
Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was S. APPR. SUSPENSE FILE on 8/16/2018)
Summary: The Licensed Physicians and Dentists from Mexico Pilot Program allows licensed physicians and dentists from Mexico to be issued a license by the Medical Board of California or the Dental Board of California to practice medicine or dentistry in California for a period not to exceed 3 years and establishes requirements for the participants in the program, including that a physician from Mexico, before leaving Mexico, is required to satisfactorily complete a 6 months orientation program that addressees specified topics and is approved by the Medical Board of California. Current law also requires dentists that participate in the program to enroll and complete an orientation program that focuses on specified topics. This bill would remove the requirement that the orientation program for physicians be 6 months in length.*

Position Priority
Watch

Notes 1: This bill was folded into SB 5 (De Leon)(Water bond)

AB 52

*(Cooper D) Public employees: orientation and informational programs: exclusive representatives.
Status: 1/13/2018-Failed Deadline pursuant to Rule 61(b)(1). (Last location was P.E.,R. & S.S. on 1/19/2017)
Summary: Current law, including the Meyers-Milias-Brown Act, the Ralph C. Dills Act, the Trial Court Employment Protection and Governance Act, the Trial Court Interpreter Employment and Labor Relations Act, and the Los Angeles County Metropolitan Transportation Authority Transit Employer-Employee Relations Act, as well as provisions commonly referred to as the Educational Employment Relations Act and the Higher Education Employer-Employee Relations Act, regulates the labor relations of the state, the courts, and specified local public agencies and their employees. This bill would require the public employers regulated by the acts described above to provide all employees an orientation. The bill would also require these public employers to permit the exclusive representative, if applicable, to participate.*

Position Priority

AB 77

*(Fong R) Regulations: effective dates and legislative review.
Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was APPR. on 5/26/2017)
Summary: Would require the Office of Administrative Law to submit to each house of the Legislature for review a copy of each major regulation that it submits to the Secretary of State. The bill would add another exception to those currently provided that specifies that a regulation does not become effective if the Legislature enacts a statute to override the regulation.*

Position Priority

AB 176

*(Salas D) Water project: Friant-Kern Canal.
Status: 2/1/2018-From committee: Filed with the Chief Clerk pursuant to Joint Rule 56.*

Summary: Current law requires the Department of Water Resources appropriation by the Legislature, to provide funding for a project that substantially conforms to the project description for the Reverse Flow Pump-back Facilities on the Friant-Kern Canal Restoration Project, as specified, provided that certain conditions are met. Current law requires that the appropriation be no more than \$7,000,000. This bill would appropriate \$7,000,000 from the General Fund to the department for this project. This bill contains other related provisions.

Position Priority

AB 196

(Bigelow R) Greenhouse Gas Reduction Fund: water supply and wastewater systems.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was S. 2 YEAR on 9/1/2017)

Summary: Current law requires moneys from the Greenhouse Gas Reduction Fund to be allocated for the purpose of reducing greenhouse gas emissions in this state and satisfying other purposes. Current law authorizes specified investments, including water use and supply, if the investment furthers the regulatory purposes of the California Global Warming Solutions Act of 2006 and is consistent with law. This bill would authorize the use of the moneys in the fund for electric pump efficiency, water and wastewater systems, pump and pump motor efficiency improvements, and drinking water transmission and distribution systems' water loss if the investment furthers the regulatory purposes of the act and is consistent with law.

*Position Priority
Watch Dead Bill*

AB 272

(Gipson D) Water utility service: sale of water utility property by a city.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was APPR. SUSPENSE FILE on 1/18/2018)

Summary: Would permit a city that owns and operates a public utility for furnishing water service to sell the public utility for the purpose of consolidating its public water system with another public water system pursuant to the procedures that are generally applicable to the sale of real property by a city, only if the potentially subsumed water system is wholly within the boundaries of the city, if the city determines that it is uneconomical and not in the public interest to own and operate the public utility and if certain requirements are met.

*Position Priority
Watch Dead Bill*

Notes 1: Addresses water district consolidation in urban areas. Tracked because it may impact SB 623 debate.

AB 305

(Arambula D) School accountability report card: drinking water access points.

Status: 2/1/2018-From committee: Filed with the Chief Clerk pursuant to Joint Rule 56.

Summary: Would amend the Classroom Instructional Improvement and Accountability Act to also require the school accountability report card to include an assessment of the drinking water access points at each school site, as specified. The bill would require the State Department of Education to compile the assessments and transmit them to the State Water Resources Control Board. By imposing additional duties on local educational agency officials, the bill would impose a state-mandated local program. The bill would provide that the Legislature finds and declares that the changes made to the act by its provisions further the purposes of the act.

Position Priority

AB 321

(Mathis R) Groundwater sustainability agencies.

Status: 7/18/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 67, Statutes of 2017.

Summary: Sustainable Groundwater Management Act requires a groundwater sustainability agency to consider the interests of all beneficial uses and users of groundwater, as well as those responsible for implementing groundwater sustainability plans, including, among other interests, holders of overlying groundwater rights, including agricultural users and domestic well owners. This bill would specifically include farmers, ranchers, and dairy professionals in the agricultural users whose interests a groundwater sustainability agency is required to consider.

Position Priority

AB 355

(Chu D) Water pollution: enforcement.

Status: 10/6/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 524, Statutes of 2017.

Summary: Current law permits the State Water Resources Control Board or regional board, in lieu of assessing all or a portion of the mandatory minimum penalties against a publicly owned treatment works serving a small community, as defined, to elect to require the publicly owned treatment works to spend an equivalent amount towards completion of a compliance project proposed by the publicly owned treatment works if the state board or regional board makes certain findings. Current law, for these purposes, defines "a publicly owned treatment works serving a small community." This bill, for purposes of the exception, would instead define publicly owned treatment works serving a small community as a publicly owned treatment works serving a population of 20,000 persons or fewer or a rural county, with a financial hardship.

Position Priority
Watch

AB 366

(Lackey R) Child abuse reporting: confidentiality.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was S. PUB. S. on 8/15/2018)

Summary: The Child Abuse and Neglect Reporting Act establishes procedures for the reporting and investigation of suspected child abuse or neglect. The act requires certain professionals, including teachers and specified school employees, known as "mandated reporters," to report known or suspected child abuse or neglect to a local law enforcement agency or a county welfare or probation department, as specified. Current law makes reports of child abuse or neglect confidential and only authorizes the disclosure of the reports to certain individuals or entities. This bill would authorize the disclosure of those confidential reports to a teacher or school administrator, but only for purposes of disclosing information about child abuse reports filed by that teacher or administrator.

Position Priority

Notes 1: Original bill digest:

Existing law prohibits a city, including a charter city, or a county from issuing a building permit for the construction of a new residential development where a source of the water supply is water transported by a water hauler, bottled water, a water-vending machine, or a retail water facility. Under existing law, this prohibition on the issuance of a building permit does not apply to a residence that will be rebuilt because of a natural disaster.

AB 367

(Oberholte R) Water supply: building permits.

Status: 10/9/2017-Approved by the Governor. Chaptered by Secretary of State - Chapter 612, Statutes of 2017.

Summary: Current law prohibits a city, including a charter city, or a county from issuing a building permit for the construction of a new residential development where a source of the water supply is water transported by a water hauler, bottled water, a water-vending machine, or a retail water facility. Under current law, this prohibition on the issuance of a building permit does not apply to a residence that will be rebuilt because of a natural disaster. This bill would exempt from the prohibition on the issuance of a building permit a residence that will be rebuilt because of a fire and would provide that this is declaratory of existing law.

Position Priority

AB 375

(Chau D) Privacy: personal information: businesses.

Status: 6/28/2018-Chaptered by Secretary of State- Chapter 55, Statutes of 2018

Summary: Would enact the California Consumer Privacy Act of 2018. Beginning January 1, 2020, the bill would grant a consumer a right to request a

business to disclose the categories and specific pieces of personal information that it collects about the consumer, the categories of sources from which that information is collected, the business purposes for collecting or selling the information, and the categories of 3rd parties with which the information is shared. The bill would require a business to make disclosures about the information and the purposes for which it is used.

Position Priority

Notes 1: This was a Public Records Act bill. It later became one of the most controversial bills of the year dealing with consumer privacy.

AB 487

(Mathis R) Sustainable Groundwater Management Act.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was PRINT on 2/13/2017)

Summary: Would state the intent of the Legislature to enact statutory changes relating to the Sustainable Groundwater Management Act.

Position Priority
Watch C. Spot Bill

AB 732

(Frazier D) Delta levee maintenance.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was S. 2 YEAR on 9/1/2017)

Summary: Current law establishes a delta levee maintenance program pursuant to which a local agency may request reimbursement for costs incurred in connection with the maintenance or improvement of project or nonproject levees in the Sacramento-San Joaquin Delta. Current law declares legislative intent to reimburse eligible local agencies under this program, until July 1, 2018, in an amount not to exceed 75% of those costs that are incurred in excess of \$1,000 per mile of levee. Current law, until July 1, 2018, authorizes the board to provide funds to an eligible local agency under this program in the form of an advance in an amount that does not exceed 75% of the estimated state share. This bill would extend until July 1, 2020, the operation of that declaration of legislative intent and the authorization to advance funds.

Position Priority
Watch Dead Bill

Notes 1: Oppose to Watch. Amended to extended the sunset consistent with past practice.

AB 791

(Frazier D) Sacramento-San Joaquin Delta: State Water Project and federal Central Valley Project: new conveyance facility.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was APPR. SUSPENSE FILE on 5/10/2017)

Summary: The Sacramento-San Joaquin Delta Reform Act of 2009 prohibits construction of a new Delta conveyance facility from being initiated until the persons or entities that contract to receive water from the State Water Project and the federal Central Valley Project or a joint powers authority representing those entities have made arrangements or entered into contracts to pay for certain costs required for the construction, operation, and maintenance of the facility and full mitigation of property tax or assessments levied for land used in the construction, location, mitigation, or operation of the facility. This bill would require, before a water contractor enters into a contract to pay for these costs, that the lead agency provide the breakdown of costs for each water contractor entering into a contract and what benefits each contractor will receive based on the proportion it has financed of the proposed conveyance project.

Position Priority
Opposition Dead Bill

AB 792

(Frazier D) Sacramento-San Joaquin Delta: Delta Stewardship Council.

Status: 1/13/2018-Failed Deadline pursuant to Rule 61(b)(1). (Last location was W.,P. & W. on 4/20/2017)

Summary: The Sacramento-San Joaquin Delta Reform Act of 2009, establishes the Delta Stewardship Council which consists of 7 members, and requires the council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan. This bill would increase the membership of the council to 13 members, including 11 voting members and 2 nonvoting members, as specified.

Position Priority
Opposition Dead Bill

AB 793

(Frazier D) Sacramento-San Joaquin Delta: financing.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was W.,P. & W. on 3/2/2017)

Summary: Would declare it to be state policy that the existing state of the Sacramento-San Joaquin Delta is recognized and defined as an integral component of California's water infrastructure. The bill would state that the maintenance and repair of the Delta are eligible for the same forms of financing as other water collection and treatment infrastructure and would specify the maintenance and repair activities that are eligible are limited to certain cleanup and abatement-related restoration and conservation activities.

*Position Priority
Opposition Dead Bill*

AB 869

(Rubio D) Sustainable water use and demand reduction: recycled water.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was S. 2 YEAR on 9/1/2017)

Summary: Current law imposes various water use reduction requirements that apply to urban retail water suppliers, including a requirement that the state achieve a 20% reduction in urban per capita water use by December 31, 2020. This bill would require long-term standards for urban water conservation and water use to include a credit for recycled water, as specified.

*Position Priority
Support Dead Bill*

Notes 1: Although not part of the water efficiency bill package, the debate over recycled water was folded into AB 1668/SB 606.

AB 968

(Rubio D) Urban water use: water efficiency.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was APPR. SUSPENSE FILE on 5/10/2017)

Summary: Would require each urban retail water supplier to develop a water efficiency target, as defined, for 2025 in its 2020 urban water management plan required to be submitted by July 1, 2021, and to achieve that target. The bill would authorize an urban retail water supplier to adjust and update the water efficiency target, as appropriate, when the supplier reports its compliance in achieving the water efficiency targets and its implementation of the identified performance measures in its 2025 urban water management plan required to be submitted by July 1, 2026. The bill would require each urban retail water supplier to meet its adjusted 2025 water efficiency target by December 31, 2025, unless the supplier makes a certain report to the department.

*Position Priority
Support Dead Bill*

Notes 1: See AB 1668/SB 606 bill package.

AB 1000

(Friedman D) Water conveyance: use of facility with unused capacity.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was S. 2 YEAR on 9/1/2017)

Summary: 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, finds that the transfer of the water will not adversely affect the natural or cultural resources of those federal and state lands.

*Position Priority
Opposition Dead Bill*

AB 1050

(Allen, Travis R) California Endangered Species Act: Delta smelt.

Status: 1/13/2018-Failed Deadline pursuant to Rule 61(b)(1). (Last location was W.,P. & W. on 3/27/2017)

Summary: 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 requires the commission to add or remove species from the endangered or threatened species list if it finds, upon the receipt of sufficient scientific information, that such action is warranted. The act prohibits the taking of an endangered or threatened species, except as specified. This bill would require the commission to remove the Delta smelt from the endangered species list.

Position Priority

AB 1323

(Weber D) Sustainable water use and demand reduction: stakeholder workgroup.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was S. 2 YEAR on 9/1/2017)

Summary: Would, with a specified exception, require the Department of Water Resources to convene a stakeholder workgroup with prescribed representatives invited to participate, including, among others, representatives of the department and the State Water Resources Control Board, no later than February 1, 2019. The bill would require the stakeholder workgroup to develop, evaluate, and recommend proposals for establishing new water use targets for urban water suppliers and to examine and report to the Governor and the Legislature by December 31, 2019, as specified.

Position Priority
Watch Dead Bill

AB 1369

(Gray D) Water quality and storage.

Status: 1/13/2018-Failed Deadline pursuant to Rule 61(b)(1). (Last location was W.,P. & W. on 3/27/2017)

Summary: Current law requires all moneys, except for fines and penalties, collected by the State Air Resources Board from the auction or sale of allowances as part of a market-based compliance mechanism relative to reduction of greenhouse gas emissions to be deposited in the Greenhouse Gas Reduction Fund. This bill would require the Department of Water Resources to increase statewide water storage capacity by 25% by January 1, 2025, and 50% by January 1, 2050, as specified.

Position Priority
Watch Dead Bill

AB 1442

(Allen, Travis R) Bonds: transportation: water projects.

Status: 2/1/2018-From committee: Filed with the Chief Clerk pursuant to Joint Rule 56.

Summary: Would provide that no further bonds shall be sold for high-speed rail purposes pursuant to the Safe, Reliable High-Speed Passenger Train Bond Act for the 21st Century, except as specifically provided with respect to an existing appropriation for high-speed rail purposes for early improvement projects in the Phase 1 blended system. The bill, subject to the above exception, would require redirection of the unspent proceeds received from outstanding bonds issued and sold for other high-speed rail purposes prior to the effective date of these provisions, upon appropriation, for use in retiring the debt incurred from the issuance and sale of those outstanding bonds.

Position Priority

AB 1543

(Gloria D) Municipal water districts: bonds.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was PRINT on 2/17/2017)

Summary: Current law authorizes a municipal water district to issue bonds for the purpose of providing money required to be paid to any district or authority organized under the Metropolitan Water District Act or the County Water Authority Act for a certain purpose, and specifies that the amount of those bonds may include the expenses of all proceedings for the authorization, issuance, and sale of the bonds. This bill would make nonsubstantive changes in that provision.

Position Priority
Watch Dead Bill

AB 1605

(Caballero D) Maximum contaminant level: nitrate: replacement water.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was JUD. on 5/1/2017)

Summary: The California Safe Drinking Water Act, requires the state board to administer provisions relating to the regulation of drinking water to protect public health and vests with the state board specified responsibilities. This bill would prohibit a person or entity providing replacement water, as defined, to address drinking water that exceeds the maximum contaminant level for nitrate in groundwater from being deemed to have caused pollution or a nuisance, or from being liable for negligence or trespass, if certain conditions are met.

Position Priority
Dead Bill

AB 1654

(Rubio D) Labor Code Private Attorneys General Act of 2004: construction industry.

Status: 8/31/2018-From committee: That the Senate amendments be concurred in. (Ayes 7. Noes 0.) (August 31). Senate amendments concurred in. To Engrossing and Enrolling.

Summary: The Labor Code Private Attorneys General Act of 2004 authorizes an aggrieved employee to bring a civil action to recover specified civil penalties that would otherwise be assessed and collected by the Labor and Workforce Development Agency, on behalf of the employee and other current or former employees for the violation of certain provisions affecting employees. This bill would except from the act an employee in the construction industry, as defined, with respect to work performed under a valid collective bargaining agreement in effect any time before January 1, 2025, that contains certain provisions, including, among others, a grievance and binding arbitration procedure to redress violations that authorizes the arbitrator to award otherwise available remedies.

Position Priority

Notes 1: NOTE: This bill was part of the original Conservation as a Way of Life package. Here is the original digest:

Existing law requires the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. Existing law requires agricultural water suppliers to prepare and adopt agricultural water management plans with specified components on or before December 31, 2012, and to update those plans on or before December 31, 2015, and on or before December 31 every 5 years thereafter. Existing law sets forth various findings and declarations related to water conservation.

AB 1667

(Friedman D) Water management planning.

Status: 6/29/2018-Failed Deadline pursuant to Rule 61(b)(13). (Last location was S. 2 YEAR on 7/14/2017)

Summary: Would require the State Water Resources Control Board, in consultation with the Department of Water Resources, to adopt long-term standards for urban water conservation and water use on or before May 20, 2021. The bill would also require the board, in consultation with the department, to adopt performance measures for commercial, industrial, and institutional water use on or before that date.

Position Priority
Support Dead Bill

Notes 1: Part of the original bill package for Conservation as a Way of Life, which later became SB 606 and AB 1668.

AB 1668

(Friedman D) Water management planning.

Status: 5/31/2018-Approved by the Governor. Chaptered by Secretary of State - Chapter 15, Statutes of 2018.

Summary: Would require the State Water Resources Control Board, in coordination with the Department of Water Resources, to adopt long-term standards for the efficient use of water, as provided, and performance measures for commercial, industrial, and institutional water use on or before June 30, 2022. The bill would require the department, in coordination with the board, to conduct necessary studies and investigations and make recommendations, no later than October 1, 2021, for purposes of these standards and performance measures.

Position Priority
Support A. Priority
Support/Oppose

AB 166

(Friedman D) Urban water conservation standards and use repo.

Status: 1/20/2018-Failed Deadline pursuant to Rule 61(b)(2). (Last location was APPR. SUSPENSE FILE on 5/10/2017)

Summary: Would require the State Water Resources Control Board, in consultation with the Department of Water Resources, to adopt long-term standards for urban water conservation and water use by May 20, 2021. The bill would authorize the board, in consultation with the department, to adopt interim standards for urban water conservation and water use by emergency regulation. The bill would require the board, before adopting an emergency regulation, to provide at least 60 days for the public to review and comment on the proposed regulation and would require the board to hold a public hearing.

Position Priority

Notes 1: The relevant language of this bill was incorporated into the AB 1668/SB 606 bill package.

AB 1876

(Frazier D) Sacramento-San Joaquin Delta: Delta Plan: administration.

Status: 4/27/2018-Failed Deadline pursuant to Rule 61(b)(5). (Last location was W.,P. & W. on 1/29/2018)

Summary: The Sacramento-San Joaquin Delta Reform Act of 2009 establishes the Delta Stewardship Council, which consists of 7 members, and requires the council to develop, adopt, and commence implementation of a comprehensive management plan for the Delta, known as the Delta Plan. This bill would make the provisions establishing the Delta Stewardship Council inoperative on July 1, 2020. The bill would provide for the Delta Protection Commission, on that date, to succeed to, and to be vested with, the duties, powers, purposes, responsibilities, and jurisdiction vested in the council as of June 30, 2020.

Position Priority
Opposition Dead Bill

AB 1989

(Mathis R) Water and Wastewater Loan and Grant Program.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was A. APPR. SUSPENSE FILE on 4/18/2018)

Summary: Current law authorizes the State Water Resources Control Board to establish the Water and Wastewater Loan and Grant Program, to the extent funding is made available, to provide funding to eligible applicants for specified purposes relating to drinking water and wastewater treatment. This bill would appropriate \$50,000,000 from the General Fund to the board for the program.

Position Priority

AB 2038

(Gallagher R) Countywide drought and water shortage contingency plans.

Status: 4/27/2018-Failed Deadline pursuant to Rule 61(b)(5). (Last location was W.,P. & W. on 2/16/2018)

Summary: Would require the Department of Water Resources, no later than January 1, 2020, in consultation with the State Water Resources Control Board and other relevant state and local agencies and stakeholders, to use available data to identify small water suppliers and rural communities that may be at risk of drought and water shortage vulnerability and would require the department to notify counties and groundwater sustainability agencies of those suppliers or communities.

Position Priority
C. Spot Bill

AB 2042

(Steinorth R) Personal income tax credits: residential graywater reuse systems.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was A. APPR. SUSPENSE FILE on 5/9/2018)

Summary: The Personal Income Tax Law allows various credits against the taxes imposed by that law. Existing law requires any bill authorizing a new tax credit to contain, among other things, specific goals, purposes, and objectives that the tax credit will achieve, detailed performance indicators, and data collection requirements. This bill, for taxable years beginning on or after January 1, 2019, and before January 1, 2024, would allow as a credit against the net tax imposed by that law equal to 25% of the cost of installing a residential graywater reuse system during the taxable year in the taxpayer's residence located in this state.

Position Priority

AB 2050

(Caballero D) Small System Water Authority Act of 2018.

Status: 9/5/2018-Enrolled and presented to the Governor at 3 p.m.

Summary: Would create the Small System Water Authority Act of 2018 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, 2019, 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 4 consecutive quarters, with one or more state or federal primary drinking water standard maximum contaminant levels as of December 31, 2018, as specified.

Position

Priority

Support

A. Priority

Support/Oppose

AB 2060

(Garcia, Eduardo D) Water: grants: advanced payments.

Status: 9/6/2018-Enrolled and presented to the Governor at 3 p.m.

Summary: Would require the State Water Resources Control Board, within 60 days of awarding a grant from the grant fund, to provide a project proponent that requests an advanced payment and satisfies certain criteria with the requested advanced payment, up to a maximum of \$500,000 or 50% of the grant award, whichever is less, for projects in which the project proponent is a nonprofit organization or a disadvantaged community, or the project benefits a disadvantaged community. The bill would require the advanced funds to be handled as prescribed.

Position

Priority

Watch

B. Watch

AB 2064

(Gloria D) Integrated regional water management plans: grants: advanced payment.

Status: 9/6/2018-Enrolled and presented to the Governor at 3 p.m.

Summary: Current law, until January 1, 2025, requires a regional water management group, within 90 days of notice that a grant has been awarded, to provide the Department of Water Resources with a list of projects to be funded by the grant funds if the project proponent is a nonprofit organization or a disadvantaged community or the project benefits a disadvantaged community. Current law requires the department, within 60 days of receiving this project information, to provide advanced payment of 50% of the grant award for those projects that satisfy specified criteria. The bill, until January 1, 2025, would require the department to provide a project proponent that requests advanced payment and satisfies certain criteria with advanced payment for those projects of \$500,000 or 50% of the grant award, whichever is less.

Position

Priority

Watch

B. Watch

AB 2072

(Quirk D) State Water Resources Control Board: constituents of emerging concern.

Status: 5/25/2018-Failed Deadline pursuant to Rule 61(b)(8). (Last location was A. APPR. SUSPENSE FILE on 4/4/2018)

Summary: Would require the State Water Resources Control Board, to the extent that the state board determines funds are available, to establish and maintain a dedicated program to research the potential effects of constituents of emerging concern in water sources on human and ecosystem health, as prescribed.

Position

Priority

Dead Bill

AB 2241

(Rubio D) The Open and Transparent Water Data Act.

Status: 5/25/2018-Failed Deadline pursuant to Rule 61(b)(8). (Last location was A. APPR. SUSPENSE FILE on 5/9/2018)

Summary: The Open and Transparent Water Data Act requires the Department of Water Resources, the State Water Resources Control Board, and the

Department of Fish and Wildlife to coordinate and integrate existing water and ecological data from local, state, and federal agencies. This bill would require the Department of Water Resources, the board, and the Department of Fish and Wildlife to work to improve the open and transparent access to data by reducing the fractured or duplicative reporting of the same or similar data to multiple governmental agencies or departments, and by reducing the reporting burden on entities providing data to governmental agencies.

Position Priority
Watch Dead Bill

AB 2242

(Rubio D) Urban water management planning.

Status: 6/1/2018-Failed Deadline pursuant to Rule 61(b)(11). (Last location was A. INACTIVE FILE on 6/4/2018)

Summary: Would require an urban water supplier to include in its urban water management plan an assessment of the reliability of its water service, as specified, to its customers during normal, dry, and multiple dry years, including a repeat of the 5 consecutive historic driest years the urban water supplier has experienced.

Position Priority
Watch C. Spot Bill

AB 2258

(Caballero D) Local agency formation commissions: grant program.

Status: 9/10/2018-Enrolled and presented to the Governor at 3:30 p.m.

Summary: Would require the Strategic Growth Council, until July 31, 2024, to establish and administer a local agency formation commissions grant program for the payment of costs associated with initiating and completing the dissolution of districts listed as inactive, the payment of costs associated with a study of the services provided within a county by a public agency to a disadvantaged community, as defined, and for other specified purposes, including the initiation of an action, as defined, that is limited to service providers serving a disadvantaged community and is based on determinations found in the study, as approved by the commission.

Position Priority
Watch B. Watch

AB 2266

(Bigelow R) Urban water management plans: adoption.

Status: 4/27/2018-Failed Deadline pursuant to Rule 61(b)(5). (Last location was W.,P. & W. on 3/15/2018)

Summary: The Urban Water Management Planning Act, requires every public and private urban water supplier that directly or indirectly provides water for municipal purposes to prepare and adopt an urban water management plan within one year after it becomes an urban water supplier. Current law declares that the act is intended to provide assistance to water agencies in carrying out their long-term resource planning responsibilities to ensure adequate water supplies meet existing and future demands for water. This bill would instead require those urban water suppliers to prepare and adopt urban water management plans within 2 years after becoming urban water suppliers.

Position Priority
Watch C. Spot Bill

AB 2283

(Holden D) Income taxes: exclusion: turf removal water conservation program.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was A. APPR. SUSPENSE FILE on 4/4/2018)

Summary: The Personal Income Tax Law and the Corporation Tax Law, for taxable years beginning on or after January 1, 2014, and before January 1, 2019, provide an exclusion from gross income for 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. This bill would extend the operation of those provisions to January 1, 2024.

Position Priority
Support Dead Bill

AB 2339

(Gipson D) Water utility service: sale of water utility property by a city.

Status: 9/6/2018-Enrolled and presented to the Governor at 3 p.m.

Summary: Would authorize the City of El Monte, the City of Montevello, and the City of Willows, until January 1, 2022, to sell its public utility for furnishing water service for the purpose of consolidating its public water system with another public water system pursuant to the specified procedures, only if the potentially subsumed water system is wholly within the boundaries of the city, if the city determines that it is uneconomical and not in the public interest to own and operate the public utility, and if certain requirements are met. The bill would prohibit the city from selling the public utility for one year if 50% of interested persons, as defined, protest the sale.

Position Priority
Watch B. Watch

AB 2371

(Carrillo D) Water use efficiency: landscape irrigation.

Status: 9/10/2018-Enrolled and presented to the Governor at 3:30 p.m.

Summary: The Contractors' State License Law provides for the licensing by written examination and regulation of contractors by the Contractors' State License Board in the Department of Consumer Affairs. Current law requires the Contractors' State License Board to periodically review and, if needed, revise the contents of qualifying examinations to ensure that the examination questions are timely and relevant to the business of contracting. This bill, before revision of the landscaping contractor examination, would require the Contractors' State License Board to confer with specified entities to determine whether any updates or revisions to the examination are needed to reflect new and emerging landscape irrigation efficiency practices, as specified.

Position Priority
C. Spot Bill

AB 2501

(Chu D) Drinking water: state administrators: consolidation and extension of service.

Status: 8/31/2018-Re-referred to Com. on E.S. & T.M. pursuant to Assembly Rule 77.2. Joint Rule 62(a), file notice suspended. From committee: That the Senate amendments be concurred in. (Ayes 6. Noes 1.) (August 31). Senate amendments concurred in. To Engrossing and Enrolling.

Summary: The California Safe Drinking Water Act requires the State Water Resources Control Board, before ordering consolidation or extension of service, to fulfill certain requirements, including, among other things, to hold a public meeting, and to establish a reasonable deadline, as prescribed, for a potentially receiving water system and a potentially subsumed water system to negotiate consolidation or another means of providing an adequate supply of affordable, safe drinking water. The act requires the state board to conduct a public hearing at the expiration of the reasonable deadline, as specified. This bill would revise and recast these provisions.

Position Priority

AB 2516

(Eggman D) Dams: reservoir restrictions.

Status: 9/6/2018-Enrolled and presented to the Governor at 3 p.m.

Summary: Would require the Department of Water Resources to post, and update annually, on its Internet Web site a report containing the name of each reservoir subject to a restriction and the reservoir's associated downstream hazard potential classification, the effective date of the reservoir restriction, the reason for the restriction, and any actions, planned or completed, that the dam owner reports to address the restriction. The bill, if no reservoir restrictions are in effect, would require the department to post this fact on its Internet Web site.

Position Priority

AB 2538

(Rubio D) Municipal separate storm sewer systems: financial capability analysis.

Status: 9/10/2018-Enrolled and presented to the Governor at 3:30 p.m.

Summary: Would require the State Water Resources Control Board, by July 1, 2019, to establish financial capability assessment guidelines for municipal separate storm sewer system permittees that are adequate and consistent when considering the costs to local jurisdictions.

Position Priority

C. Spot Bi

AB 2541

(Salas D) Safe Drinking Water State Revolving Fund: project financing: severely disadvantaged communities.

Status: 8/27/2018-Approved by the Governor. Chaptered by Secretary of State - Chapter 217, Statutes of 2018.

Summary: Current law authorizes the State Water Resources Control Board, to the extent permitted by federal law, to provide grant funding, and principal forgiveness and 0% financing on loans, from the Safe Drinking Water State Revolving Fund to a project for a water system with a service area that qualifies as a severely disadvantaged community if the water system demonstrates that repaying a Safe Drinking Water State Revolving Fund loan with interest would result in unaffordable water rates, as defined. This bill would instead authorize the board, to the extent permitted by federal law, to provide up to 100% grant funding, and principal forgiveness and 0% financing on loans, from the Safe Drinking Water State Revolving Fund to a project for a water system that serves a severely disadvantaged community.

Position

Priority

C. Spot Bill

AB 2649

(Bloom D) State Water Project: water supply contracts.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was S. RLS. on 8/27/2018)

Summary: This bill 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, or that would permanently transfer a contractual water amount between contractors. The bill would require the department, before the execution of a specified proposed amendment to a long-term water supply contract and not later than 60 days before final approval of such a proposed 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.

Position

Priority

C. Spot Bill

AB 2692

(Arambula D) Drinking water: infrastructure funding.

Status: 4/27/2018-Failed Deadline pursuant to Rule 61(b)(5). (Last location was E.S. & T.M. on 3/19/2018)

Summary: Would require the Treasurer to establish the California Safe Drinking Water Revolving Loan Program to provide loans to public water systems to address critical water infrastructure needs of those systems. The bill would establish the California Safe Drinking Water Revolving Loan Fund in the State Treasury and would require the Treasurer, upon appropriation by the Legislature, to expend moneys in the fund for the above purpose.

Position

Priority

C. Spot Bill

AB 2815

(Gray D) Water rights: appropriations of water.

Status: 5/11/2018-Failed Deadline pursuant to Rule 61(b)(6). (Last location was A. PRINT on 2/16/2018)

Summary: Under current law, the State Water Resources Control Board administers a water rights program pursuant to which the state board grants permits and licenses to appropriate water. Current law requires the board to consider and act upon all applications for permits to appropriate water. Existing law provides that in relation to applications, permits, or licenses to appropriate water, the terms stream, lake or other body of water, or water refers only to surface water and to subterranean streams flowing through known and definite channels. This bill would make nonsubstantive changes in the latter provision.

Position

Priority

C. Spot Bill

AB 2937

(Nazarian D) The California Water Plan.

Status: 5/11/2018-Failed Deadline pursuant to Rule 61(b)(6). (Last location was A. PRINT on 2/16/2018)

Summary: 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. This bill would make nonsubstantive changes to that requirement.

Position
Priority
C. Spot Bill

AB 2957

(Gallagher R) Water: University of California: California Institute for Water Innovation and Technology: corporate income taxes: credit: water technology.

Status: 5/25/2018-Failed Deadline pursuant to Rule 61(b)(8). (Last location was A. APPR. SUSPENSE FILE on 5/16/2018)

Summary: Would request the Regents of the University of California to establish the California Institute for Water Innovation and Technology in order to achieve specified goals, including developing California's next generation of water professionals and technicians and growing the state's economy by creating new opportunities for jobs in water research, management, and technology. The bill would request the regents to locate the institute at a satellite campus within the City of Oroville, or in the County of Butte downstream of Lake Oroville.

Position
Priority
C. Spot Bill

AB 3035

(Rubio D) Water supply.

Status: 5/11/2018-Failed Deadline pursuant to Rule 61(b)(6). (Last location was A. PRINT on 2/16/2018)

Summary: Current law authorizes local and regional public agencies that are authorized by law to serve water to the persons or entities within the service area of the agency to sell, lease, exchange, or otherwise transfer water for use outside the agency, as specified. Current law makes findings and declarations relating to local or regional level water management decisions. This bill would make a nonsubstantive change in the latter provision.

Position
Priority
C. Spot Bill

AB 3062

(Harper R) Recycled water: recycling criteria.

Status: 5/11/2018-Failed Deadline pursuant to Rule 61(b)(6). (Last location was A. PRINT on 2/16/2018)

Summary: Current law, the Porter-Cologne Water Quality Control Act, requires the State Water Resources Control Board to establish uniform statewide recycling criteria for each varying type of use of recycled water if the use involves the protection of public health. The act defines recycling criteria to mean the levels of constituents of recycled water, and the means for assurance of reliability under the design concept that will result in recycled water that is safe for the uses to be made. This bill would make nonsubstantive changes to that definition.

Position
Priority
C. Spot Bill

AB 3170

(Friedman D) Sales and use taxes: exemptions: water efficiency.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was A. APPR. SUSPENSE FILE on 4/25/2018)

Summary: Would, until January 1, 2024, exempt from sales and use taxes the gross receipts from the sale of, and the storage, use, or other consumption of, qualified water efficiency products sold or purchased during the 3-day period beginning at 12:01 a.m. on the Saturday preceding the last Monday in March, and ending at 11:59 p.m. on the following Monday in March, or for which a layaway agreement is entered into, a raincheck is issued, or other specified orders are placed, during this period, as specified.

Position
Priority

AB 3206

(Friedman D) Water conservation: water meters: accuracy and performance standards.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was S. APPR. SUSPENSE FILE on 8/6/2018)
Summary: Would require the State Energy Resources Conservation, on or before January 1, 2020, to the extent that funding is available, to adopt regulations setting standards for the accuracy of water meters, as described, that, on or after the effective date of those regulations, are installed by a water purveyor or manufactured and sold or offered for sale in the state. The bill would include an exception for a water meter that, as of the effective date of the regulations, a water purveyor possesses, or has entered into a contract to purchase, and has not yet installed.

Position *Priority*
Watch *B. Watch*

AB 3214

(Fong R) Water appropriations: permits.

Status: 5/11/2018-Failed Deadline pursuant to Rule 61(b)(6). (Last location was A. PRINT on 2/16/2018)

Summary: Under current law, the State Water Resources Control Board administers a water rights program pursuant to which the state board grants permits and licenses to appropriate water. Current law requires the board to consider and act upon all applications for permits to appropriate water. This bill would make a nonsubstantive change to those provisions.

Position *Priority*
C. Spot Bill

ACA 28

(Mathis R) Water: projects: funding.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was A. PRINT on 2/26/2018)

Summary: Would provide that, in addition, from specified state revenues, there shall be set apart, in unspecified percentages, moneys to be applied by the state for the payment of principal and interest on bonds authorized pursuant to the Water Quality, Supply, and Infrastructure Improvement Act of 2014 and, of the amount remaining, for specified water projects of the Department of Water Resources and the State Water Resources Control Board, as provided.

Position *Priority*

SB 32

(Moorlach R) California Public Employees' Pension Reform Act of 2018.

Status: 1/13/2018-Failed Deadline pursuant to Rule 61(b)(1). (Last location was P.E. & R. on 3/8/2017)

Summary: Would create the Citizens' Pension Oversight Committee to serve in an advisory role to the Teachers' Retirement Board and the Board of Administration of PERS. The bill would require the committee, on or before January 1, 2019, and annually thereafter, to review the actual pension costs and obligations of PERS and STRS and report on these costs and obligations to the public.

Position *Priority*

SB 57

(Stern D) Natural gas storage: moratorium.

Status: 2/1/2018-Died on file pursuant to Joint Rule 56.

Summary: The Public Utilities Commission under current law, is authorized to supervise and regulate every public utility in the state. Current law requires the commission, no later than July 1, 2017, to open a proceeding to determine the feasibility of minimizing or eliminating use of the Aliso Canyon natural gas storage facility located in the County of Los Angeles while still maintaining energy and electric reliability for the region, and to consult with specified entities in making its determination. This bill would require the supervisor to continue that prohibition until a specified root cause analysis of the natural gas leak from the facility that started approximately October 23, 2015, has been completed and released in its entirety to the public.

Position *Priority*

Notes 1: Original digest:

Under existing law, the State Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to

appropriate water. Existing law requires an application for a permit demonstrate a reasonable likelihood that unappropriated water is available for the proposed appropriation. Existing law requires the board to issue and deliver a notice of an application as soon as practicable after the receipt of an application for a permit to appropriate water that conforms to the law. Existing law allows interested persons to file a written protest with regard to an application to appropriate water and requires the protestant to set forth the objections to the application. Existing law declares that no hearing is necessary to issue a permit in connection with an unopposed application, or if the undisputed facts support the issuance of the permit and there is no disputed issue of material fact, unless the board elects to hold a hearing.

SB 146

(Wilk R) Water resources: permit to appropriate: protected species.

Status: 1/13/2018-Failed Deadline pursuant to Rule 61(b)(1). (Last location was N.R. & W. on 1/26/2017)

Summary: Under current law, the State Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to appropriate water. Current law prohibits the taking or possession of a fully protected fish, except as provided, and designates the unarmored threespine stickleback as a fully protected fish. This bill would prohibit the board from issuing on or after January 1, 2018, a new permit to appropriate water from any river or stream that has, or is reasonably expected to have, a population of unarmored threespine stickleback.

Position Priority
Opposition Dead Bill

Notes 1: ACWA opposed

SB 606

(Hertzberg D) Water management planning.

Status: 5/31/2018-Approved by the Governor. Chaptered by Secretary of State. Chapter 14, Statutes of 2018.

Summary: Would require an urban retail water supplier to calculate an urban water use objective no later than November 1, 2023, and by November 1 every year thereafter, and its actual urban water use by those same dates. The bill would require an urban retail water supplier to submit a report to the department for these purposes by those dates. The bill would authorize the State Water Resources Control Board to issue information orders, written notices, and conservation orders to an urban retail water supplier that does not meet its urban water use objective, as specified. The bill would authorize the board to waive these requirements for a period of up to 5 years, as specified.

Position Priority
Support A. Priority
Opposition Support/Oppose

Notes 1: 2nd bill in Making Conservation a Way of Life bill package.

SB 623

(Monning D) Water quality: Safe and Affordable Drinking Water Fund.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was A. RLS. on 9/1/2017)

Summary: 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. The bill would require the board to administer the fund 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 state 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.

Position Priority
Opposition Dead Bill

Notes 1: The public goods charge bill.

SB 750

(Hueso D) Vehicles: license plate pilot programs.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was A. 2 YEAR on 9/1/2017)

Summary: Current law authorizes the Department of Motor Vehicles to conduct a pilot program, to be completed no later than January 1, 2019, to evaluate the use of alternatives to stickers, tabs, license plates, and registration cards, subject to certain requirements, and to report the results of the pilot program, as

specified, to the Legislature no later than July 1, 2020. Current law _____ authorizes the department to enter into contracts with qualified private _____ try partners to provide specified service relating to the registration of vehicles. This bill would specify that the authorization to establish the above-mentioned pilot program includes the authority to establish a pilot program to evaluate alternative methods of collecting fees related to the registration of a motor vehicle or the purchase, renewal, or transfer of license plates.

Position Priority

SB 778

(Hertzberg D) Water systems: consolidations: administrative and managerial services.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was A. 2 YEAR on 9/1/2017)

Summary: Would require, on or before March 1, 2018, and regularly thereafter, as specified, the State Water Resources Control Board to track and publish on its Internet Web site an analysis of all voluntary and ordered consolidations of water systems that have occurred on or after July 1, 2014. The bill would require the published information to include the resulting outcomes of the consolidations and whether the consolidations have succeeded or failed in providing an adequate supply of safe drinking water to the communities served by the consolidated water systems.

Position Priority
Watch Dead Bill

SB 919

(Dodd D) Water resources: stream gages.

Status: 8/17/2018-Failed Deadline pursuant to Rule 61(b)(15). (Last location was A. APPR. SUSPENSE FILE on 8/8/2018)

Summary: Would require the Department of Water Resources and the State Water Resources Control Board, upon appropriation 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 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.

Position Priority

SB 952

(Anderson R) Water conservation: local water supplies.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was S. RLS. on 1/30/2018)

Summary: Would state the intent of the Legislature to enact legislation that would require the State Water Resources Control Board to recognize local water agency investment in water supply and will ensure that local agencies receive sufficient credit for these investments in meeting any water conservation or efficiency mandates.

Position Priority
Watch C. Spot Bill

SB 966

(Wiener D) Onsite treated nonpotable water systems.

Status: 9/10/2018-Enrolled and presented to the Governor at 4 p.m.

Summary: Would, on or before December 1, 2022, require the State Water Resources Control Board, in consultation with the California Building Standards Commission and the Department of Housing and Community Development, to adopt regulations for risk-based water quality standards for the onsite treatment and reuse of nonpotable water, as provided. The bill would authorize the state board to contract with public or private entities regarding the content of the standards.

Position Priority
Watch B. Watch

SB 979

(Cannella R) Water Quality, Supply, and Infrastructure Improvement Act of 2014.

Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was S. RLS. on 2/1/2018)
Summary: The Water Quality, Supply, and Infrastructure Improvement Act of 2014 provides that the sum of \$810,000,000 is to be available, upon appropriation by the Legislature, for expenditures on, and competitive grants and loans to, projects that are included in and implemented in an adopted integrated regional water management plan and respond to climate change and contribute to regional water security. The bond act requires \$200,000,000 of that amount to be available for grants for multibenefit stormwater management projects. This bill would make a nonsubstantive change in those grant provisions.

Position *Priority*
Watch *C. Spot Bill*

SB 998

(Dodd D) Discontinuation of residential water service: urban and community water systems.
Status: 9/6/2018-Enrolled and presented to the Governor at 4 p.m.
Summary: Would require an urban and community water system, defined as a public water system that supplies water to more than 200 service connections, to have a written policy on discontinuation of water service to certain types of residences for nonpayment available in prescribed languages. The bill would require the policy to include certain components, be available on the system's Internet Web site, and be provided to customers in writing, upon request.

Position *Priority*
Oppose unless amended *A. Priority*
 Support/Oppose

SB 1301

(Beall D) State permitting: environment: processing procedures: dam safety or flood risk reduction project.
Status: 9/10/2018-Enrolled and presented to the Governor at 4 p.m.
Summary: Would require the Office of Planning and Research to develop a joint multiagency preapplication for supplemental consultation and a model fee-for-service agreement, in consultation with a state agency with the power to issue a permit that would authorize a dam safety project or authorize a flood risk reduction project and any interested potential project applicants. The bill would authorize a project applicant to complete a joint multiagency preapplication and submit the preapplication to each state agency named in the preapplication at any time.

Position *Priority*

SB 1461

(Wilk R) Water corporations: rates: rate of return.
Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was S. RLS. on 2/16/2018)
Summary: Under current law, the Public Utilities Commission has regulatory authority over public utilities, including water corporations. Current law authorizes the commission to fix the rates and charges for every public utility and requires that those rates and charges be just and reasonable. This bill would state the intent of the Legislature to enact legislation reforming the rate of return earned by water corporations.

Position *Priority*
 C. Spot Bill

SCA 4

(Hertzberg D) Water conservation.
Status: 8/31/2018-Failed Deadline pursuant to Rule 61(b)(18). (Last location was S. RLS. on 2/2/2017)
Summary: The California Constitution requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable and that the waste or unreasonable use or unreasonable method of use of water be prevented. This measure would declare the intent of the Legislature to amend the California Constitution to provide a program that would ensure that affordable water is available to all Californians and to ensure that water conservation is given a permanent role in California's future.

Position *Priority*
Watch *Dead Bill*

Notes 1: Possible future action item depending on amendments.

Total Measures: 75

Total Tracking Forms: 75

**Metropolitan Water District of Southern California
State Legislation Matrix 9/10/2018**

Item 1f

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">AB 732 Frazier (D)</p> <p>Sponsor: Author</p>	<p align="center">Amended 5/30/17</p> <p align="center">Held in Senate Appropriations Committee</p>	<p>Delta Levee Maintenance: Delta levee maintenance program was established for reimbursement of costs incurred in connection with maintenance or improvement of projects or non-project levees in the Sacramento-San Joaquin Delta. AB 732 extends the current 75% state reimbursement rate for Delta levee maintenance costs in excess of \$1,000 per mile, until July 1, 2020.</p>	<p align="center">WATCH</p> <p align="center">based upon prior position on SB 554 (Wolk) from 2016</p>	<p>Metropolitan dropped its opposition to AB 732 after the Delta Stewardship Council directed staff to enter into a Memorandum of Understanding with the Central Valley Flood Protection Board (CVFPB) and DWR to develop and recommend a new set of guidelines, including a methodology and local agency requirements for evaluating a local agency's ability to pay for cost of levee maintenance or improvements under the Delta Levee Subventions Program.</p> <p>SB 854, the Public Resources budget trailer bill, ultimately became the legislative vehicle to make permanent changes to the Delta Levee Subventions Program (Chapter 51, Statutes of 2018).</p>
<p align="center">AB 747 Caballero (D)</p> <p>Sponsor: Author</p>	<p align="center">Amended 8/28/18</p> <p align="center">Governor's Desk</p>	<p>State Water Resources Control Board (SWRCB) - Administrative Hearing Office: Creates, within the SWRCB, an Administrative Hearings Office, effective July 1, 2019, to ensure that water rights matters are resolved in timely manner.</p>	<p align="center">SUPPORT</p> <p align="center">based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>AB 747 would allow the SWRCB to designate impartial hearing officers to conduct hearings on certain water rights matters. This structure could allow for more efficient resolution of certain enforcement actions and other matters before the SWRCB.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 9/10/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">AB 869 Rubio (D)</p> <p>Sponsor: Author</p>	<p align="center">Amended 8/24/17</p> <p>Held in Senate Natural Resources and Water Committee</p>	<p>Recycled Water: Required long-term standards for urban water use conservation and water use to include credit for recycled water, as specified. Provided that water conservation does not include curtailment of use of recycled water. Prohibited urban retail water supplier from being required to reduce amount of recycled water it produces, sells or distributes for beneficial potable or nonpotable uses during period when water conservation measures are in effect.</p>	<p align="center">SUPPORT IF AMENDED based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>AB 869 was consistent with provisions found in SB 606 (Skinner/Hertzberg) and AB 1668 (Friedman), with a few distinctions. Recognizes that recycled water is an efficient use and should be treated as such in any new water use efficiency targets, although expands credit specified in SB 606 and AB 1668 to include nonpotable recycled water. Attempted to override authority extended to Governor under Emergency Services Act regarding curtailment of potable and nonpotable recycled water.</p>
<p align="center">AB 1270 Gallagher (R)</p> <p>Sponsor: Author</p>	<p align="center">Amended 1/22/18</p> <p>Signed by Governor on 2/26/18</p> <p>Chapter 3, Statutes of 2018</p>	<p>Dams and Reservoirs – Inspections and Reporting: Requires DWR to inspect dams, reservoirs, and critical appurtenant structures within its jurisdiction once per fiscal year, with the exception of low hazard potential dams which shall receive inspections, at a minimum, every two fiscal years. Also requires owners to disclose information sufficient to enable DWR to determine conditions of dams, reservoirs, and critical appurtenant structures regarding their safety and to perform, at the owner’s expense, other work necessary to secure maintenance and operation that will safeguard life and property.</p>	<p align="center">WATCH (1/22/18)</p>	<p>Based upon Metropolitan’s decades of experience in building, monitoring, maintaining and operating more than 20 dams within the district’s regional water distribution system, the bill addresses security and inspection concerns previously identified.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 9/10/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>AB 1323 Weber (D)</p> <p>Sponsor: San Diego County Water Authority</p>	<p>Amended 5/30/17</p> <p>Held in Senate Appropriations Committee</p>	<p>Water Efficiency Targets: Provided that if a statute is not chaptered during 2017-18 legislative session to establish water conservation targets and long-term drought contingency planning, DWR would convene stakeholder workgroup by February 1, 2019, to develop, evaluate and recommend proposals for establishing new water use targets for urban retail water suppliers.</p>	<p>SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>Metropolitan supports state agency implementation of a framework consistent with the water use efficiency goals set by the Legislature by working through a stakeholder process to ensure the goals are met in a way that recognizes the unique challenges of agencies throughout California.</p>
<p>AB 1667 Friedman (D)</p> <p>Sponsor: Author</p>	<p>Amended 7/3/17</p> <p>Held in Senate Natural Resources and Water Committee</p>	<p>Water Management Planning: Reflected the Brown Administration's June 2017 proposal to implement Executive Order B-37-16 and the framework contained in the report Making Water Conservation a California Way of Life for urban and agricultural water usage and drought planning.</p>	<p>SUPPORT IF AMENDED based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>AB 1667 was consistent, in part, with the policy priorities adopted by Metropolitan's board. There were specific provisions, however, that required revisions to merit full support.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 9/10/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">AB 1668 Friedman (D)</p> <p align="center">Sponsor: Author</p>	<p align="center">Amended 5/3/18</p> <p align="center">Signed by Governor on 5/31/18</p> <p align="center">Chapter 15, Statutes of 2018</p>	<p>Water Management Planning: Sets targets for indoor residential water use and performance measures for CII water. References the Model Water Efficient Landscape Ordinance (MWLEO) for outdoor water use. Also clarifies SWRCB enforcement authority for non-compliance; updates agricultural water use efficient requirements; and provides for countywide and small system drought planning.</p>	<p align="center">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>AB 1668 recognizes the Legislature’s critical role in providing appropriate oversight to implementation of water conservation efforts by the Department of Water Resources and the State Water Resources Control Board, while preserving local decision making.</p> <p>AB 1668 includes a water-budget based target-setting approach that could be customized to unique location conditions and could be equally effective in reducing water use. Final amendments to bill ensure CII performance measures are cost effective and technically feasible; clarify application of enforcement provisions and MWLEO requirements; and authorizes a 15% bonus incentive for existing potable reuse projects, as defined.</p>
<p align="center">AB 1876 Frazier (D)</p> <p align="center">Sponsor: Author</p>	<p align="center">Amended 4/3/18</p> <p align="center">Assembly Water, Parks and Wildlife Committee; failed passage on 4/24/18</p>	<p>Delta Plan: Sought to abolish the Delta Stewardship Council and proposed to transfer its duties on July 1, 2020, to the Delta Protection Commission, a body that is dominated by in-Delta interests.</p>	<p align="center">OPPOSE based upon June 2007 Board-adopted Delta Action Plan</p>	<p>The Delta is the largest estuary in the western hemisphere and the location of the largest water delivery systems in the nation. Comprehensive and balanced Delta planning and oversight cannot be accomplished by one region seeking to eliminate the voices of all others. AB 1876 represented a giant step backwards in a statewide approach to resolving and balancing statewide interests.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 9/10/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>AB 2050 Caballero (D)</p> <p>Sponsors: Eastern MWD and CA Municipal Utilities Association</p>	<p>Amended 8/22/18</p> <p>Governor's Desk</p>	<p>Small System Water Authority Act of 2018: Would enact the Small System Water Authority Act of 2018, which authorizes the creation of a small system water authority and requires consolidation of failing water systems into an authority.</p>	<p>SUPPORT as adopted by Board on 3/13/18</p>	<p>While laws have been enacted over the past several years to address access to safe drinking water, immediate and lasting changes to the governance structure of chronically noncompliant small systems are still necessary to protect public health and safety. AB 2050 provides another tool which could lead to more sustainable water systems that can effectively deliver safe and affordable drinking water to its residents.</p>
<p>AB 2062 Maienschein (R)</p> <p>Sponsor: Author</p>	<p>Amended 4/30/18</p> <p>Signed by Governor on 8/20/18</p> <p>Chapter 165, Statutes of 2018</p>	<p>State Highways - Landscaping: Requires the Department of Transportation (CalTrans) to include California native wildflowers and climate-appropriate vegetation in planning projects, as specified.</p>	<p>SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>Landscape water use on state highways should diminish with the installation of native plants and climate-appropriate vegetation. Leading by example, state highways could become a showcase to the public on the application of native plants in outdoor landscapes.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 9/10/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">AB 2283 Holden (D)</p> <p>Sponsor: Author</p>	<p>Introduced 2/13/18</p> <p>Held in Assembly Appropriations Committee</p>	<p>Income Tax Exclusions – Turf Removal Water Conservation Programs: Would have extended, until December 1, 2024, the exclusion from gross income of any amount received as a rebate, voucher or other financial incentive issued by a local water agency or supplier for expenses incurred for participation in a turf removal water conservation program.</p>	<p align="center">SUPPORT based upon past support of AB 2434 (Gomez), Chapter 738, Statutes of 2014</p>	<p>Extending the existing tax exclusion by five years would have provided relief to state taxpayers and could have encouraged participation in turf removal programs. In January 2014, Metropolitan added turf removal to the SoCal WaterSmart Regional Program, making it available to customers throughout the service area.</p>
<p align="center">AB 2543 Eggman (D)</p> <p>Sponsor: Author</p>	<p>Amended 3/13/18</p> <p>Governor's Desk</p>	<p>State Agencies - Infrastructure Project Budget and Schedule: Would require state agencies to publicly report significant changes in the cost or schedule of large and complex infrastructure projects. The bill seeks to incorporate a recommendation from the October 2017 report on CA WaterFix by the State Auditor General.</p>	<p align="center">OPPOSE based upon June 2007 Board-adopted Delta Action Plan</p>	<p>While an open and transparent project delivery process is important to public agencies and their customers, the bill is vague in its terminology and application to state infrastructure projects. Project opponents could use an alleged violation of the reporting requirement to bring any action to halt, delay or modify a project.</p>

**Metropolitan Water District of Southern California
State Legislation Matrix 9/10/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">AB 2545 Gallagher (R)</p> <p align="center">Sponsor: California Farm Bureau Federation</p>	<p align="center">Amended 5/25/18</p> <p align="center">Held in Senate Natural Resources and Water Committee</p>	<p>Lake or Streambed Alteration Agreements (LSAA): Complete rewrite. South to direct the CA Department of Fish and Wildlife (CDFW) to develop a general agreement alternative to a project-specific LSAA.</p>	<p align="center">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>The process to obtain a LSAA, under the existing regulatory framework, can take upwards of nine months, and CDFW has often required a number of seasonal constraints, conditions and mitigation requirements for perceived impacts to fish and wildlife resources. LSAA's typically do not allow for flexibility in project scheduling without going through another regulatory process to amend the LSAA which can interfere with Metropolitan's ability to safely and efficiently maintain its facilities.</p> <p>AB 2545 provided an alternative to a project-specific LSAA by directing CDFW to develop a general agreement.</p>
<p align="center">AB 2649 Arambula (D)</p> <p align="center">Sponsor: Author</p>	<p align="center">Amended 8/28/18</p> <p align="center">Senate Rules Committee</p>	<p>State Water Project: Water Supply Contracts: Complete rewrite of bill. Existing law requires that at least 60 days prior to the final approval of the renewal or extension of a long-term water supply contract between Department of Water Resources (DWR) and any State Water Project (SWP) contractor, DWR is required to present the contract terms, conditions and details to the Joint Legislative Budget Committee (JLBC) during an informational hearing. AB 2649 would have expanded the transparency requirements for DWR on significant amendments to the SWP contract going forward.</p>	<p align="center">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>AB 2649 was completely rewritten to reflect a compromise between the Joint Legislative Budget Committee chair and DWR. The bill would have eliminated any hearing requirement for SWP contract extensions in the future. The bill also required that DWR notify the JLBC and policy committees of jurisdiction on any significant amendments to the SWP contract as defined by the Monterey Agreement, such as CA WaterFix.</p>

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>AB 2697 Gallagher (R)</p> <p>Sponsor: California Waterfowl and Pheasants Forever</p>	<p>Amended 8/21/18</p> <p>Governor's Desk</p>	<p>Water Transfers – Idled Agricultural Lands: Requires the Wildlife Conservation Board to establish an incentive program to encourage landowners to voluntarily cultivate or retain cover crops or other upland vegetation on idled lands to provide wildlife habitat for waterfowl and other game birds, provided the voters approve Proposition 3, on the November 2018 general election ballot, or should federal funding be secured for the purposes of the bill.</p>	<p>WATCH based upon past opposition to AB 472 (Frazier) in 2017</p>	<p>The bill leaves DWR's current water transfer program and guidelines intact. The existing program strikes a balance between encouraging cover crops and protecting water transfers.</p>
<p>AB 3045 Gallagher (R)</p> <p>Sponsor: Author</p>	<p>Amended 4/25/18</p> <p>Held in Assembly Appropriations Committee</p>	<p>Natural Resources Agency: State Water Project Commission: Proposed to transfer control of the SWP from the California Department of Resources to a newly formed State Water Project Commission, which would consist of Governor appointees.</p>	<p>OPPOSE based upon June 2007 Board-adopted Delta Action Plan</p>	<p>AB 3045 proposed sweeping changes in SWP governance, but without addressing the multitude of complex policy, legal and operational issues that the bill is intended to address. As the bill was written, it could have resulted in delays or disruptions of needed improvements to ensure the sustainability of the SWP.</p>

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p style="text-align: center;">AB 3170 Friedman (D)</p> <p>Sponsor: Author</p>	<p style="text-align: center;">Amended 4/16/18</p> <p style="text-align: center;">Held in Assembly Appropriations Committee</p>	<p>Sales Tax Exemption: Authorized, until January 1, 2024, an annual three-day exemption from state sales tax for the purchase of qualified water efficiency products, including: rain barrels with a capacity of 100 gallons or more; soaker or drip-irrigation hoses; weather-based irrigation controllers; soil moisture-based control technologies; mulch and compost; WaterSense products; low-water use plants; and a permeable ground cover surface, other than living turf grass, that allows water to reach underground basins, aquifers, or water collection points.</p>	<p style="text-align: center;">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>Metropolitan and its member agencies will continue to strengthen their conservation outreach and rebate programs, focusing on new ways to help homeowners, businesses and communities change outdoor landscapes and gardens, where most water typically is used. AB 3170 sought to provide further financial incentives to make this transformation a reality and would have facilitated an aggressive approach to lowering water use.</p>
<p style="text-align: center;">SB 473 Hertzberg (D)</p> <p>Sponsor: Author</p>	<p style="text-align: center;">Amended 8/16/18</p> <p style="text-align: center;">Governor's Desk</p>	<p>California Endangered Species Act (CESA): Makes numerous modifications to CESA, including, but not limited to, clarification that public agencies are covered under CESA; repealing the local voluntary agricultural program for routine and ongoing maintenance, except in one existing instance; requires the listing of endangered or threatened species by the Fish and Game Commission based solely upon best available scientific information; and proposes numerous other modifications to existing law.</p>	<p style="text-align: center;">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>SB 473 provides regulatory compliance flexibility, promotes consistent implementation of CESA and reduces regulatory duplication.</p>

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">SB 532 Dodd (D)</p> <p>Sponsor: Author</p>	<p align="center">Amended 8/23/18</p> <p align="center">Governor's Desk</p>	<p>Emergency Services - Cyberterrorism: Adds "cyberterrorism" to the list of conditions that are named in the Emergency Services Act that may be cited to support the proclamation of a state or local emergency.</p>	<p align="center">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>SB 532 would allow cities, counties and other public agencies to be eligible for emergency funding and assistance if cyberterrorism was deemed the cause of a state or locally-declared emergency.</p>
<p align="center">SB 579 Galgiani (D)</p> <p>Sponsor: Author</p>	<p align="center">Amended 8/24/18</p> <p align="center">Held in Assembly Rules Committee</p>	<p>Water Quality Control Plans - Alternative Measures: Would have amended the Water Code to ensure that the State Water Resources Control Board (SWRCB), in consultation with other appropriate agencies like the California Department of Fish and Wildlife and the California Natural Resources Agency, take into account the benefits to designated beneficial uses from both state-led and stakeholder-driven habitat restoration and adaptive management measures when it updates the Water Quality Control Plan for the Sacramento-San Joaquin Bay-Delta (Bay-Delta WQCP).</p>	<p align="center">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>SB 579 did not expand the SWRCB's authority, but rather ensured that non-stream-flow measures like habitat restoration and adaptive management that are anticipated to result from voluntary, stakeholder-based negotiations among water rights holders in the Sacramento and San Joaquin River watersheds, are accounted for before the SWRCB adopts any updates to the Bay-Delta WQCP that affect stream flows.</p>

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p style="text-align: center;">SB 606 Hertzberg (D)</p> <p>Sponsor: Author</p>	<p style="text-align: center;">Amended 5/7/18</p> <p style="text-align: center;">Signed by Governor on 5/31/18</p> <p style="text-align: center;">Chapter 14, Statutes of 2018</p>	<p>Water Management Planning: Provides for the calculation of water use objectives by urban retail water supplies. Specifies SWRCB enforcement tools and timelines. Contains revisions to UWMP reporting and filing requirements. Provides for preparation of Water Shortage Contingency Plans and annual water supply and demand assessment by urban wholesaler and retailer water suppliers. Measure also recognizes that recycled water is an efficient use and should be treated as such in the calculation for new water use efficiency targets.</p>	<p style="text-align: center;">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>Preserves the legislative process for setting water-use efficiency goals yet recognizes the role of state agencies to implement a detailed framework consistent with those goals. Bill contains numerous opportunities for stakeholder engagement to ensure requirements of the measure are met in a way that recognizes the unique challenges of water agencies throughout California. SB 606 preserves local and regional decision-making and control in determining actions to avoid shortage or mitigate shortage impacts.</p>
<p style="text-align: center;">SB 623 Monning (D)</p> <p>Sponsor: Community Water Center and Western Growers Association</p>	<p style="text-align: center;">Amended 8/21/17</p> <p style="text-align: center;">Held in Assembly Rules Committee</p>	<p>Safe and Affordable Drinking Water Fund: Would have established the Safe and Affordable Drinking Water Fund to assist communities and individual domestic well owners who lack access to safe drinking water, particularly those in small, rural disadvantaged communities. Fund was designed to pay for replacement water; domestic well testing and investigations; planning, construction, operation and maintenance costs for system improvements; and outreach to eligible communities. Revenue for the Fund would come from an agricultural fee on fertilizer sales and dairy operations and a permanent tax on ratepayers of urban retail water systems.</p>	<p style="text-align: center;">OPPOSE UNLESS AMENDED based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>Generally speaking, the water industry agreed with the intent of SB 623. The lack of access to safe drinking water in certain disadvantaged communities is a public health and social issue that the state must address. Potential revenue sources identified for the Fund, however, should reflect the “beneficiary pays” principle, as opposed to a fee or assessment levied on water agencies for funding the broader public benefits.</p>

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">SB 844 Monning (D)</p> <p align="center">Sponsor: Brown Administration</p>	<p align="center">Amended 8/22/18</p> <p align="center">Held in Assembly Appropriations Committee</p>	<p>Water Quality: Agricultural Safe Drinking Water Fees: Would have imposed fees on fertilizer, dairies and confined animal operations, for deposit into the Safe and Reliable Drinking Water Fund, created by SB 845. Revenues raised were to be continuously appropriated for grants, loans, contracts or services to assist eligible applicants with addressing nitrate contamination in disadvantaged communities. Enforcement relief from certain RWQCB actions was extended to those that pay into the Fund. By January 1, 2028, SWRCB was to undertake a public review of regulatory and basin plan amendment implementation to evaluate progress toward achieving water quality objectives with respect to nitrate in groundwater and to assess compliance by agricultural operations. Passage required a two-thirds vote of the Legislature and was contingent on passage of SB 845 (Monning).</p>	<p align="center">WATCH</p> <p align="center">based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>SB 844 was a more acceptable and equitable approach than that required for agricultural operations in SB 623 and the budget trailer bill advanced in early 2018. The fees imposed on agricultural operations were structured and based upon a periodic needs assessment by the SWRCB. The Secretary of Food and Agriculture was directed to adjust the fees as necessary to meet, but not exceed, 70% of the anticipated funding need for nitrate cleanup after January 1, 2034. The fees did not sunset but decreased, as defined in the bill.</p>

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State Legislation Matrix 9/10/2018**

Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">SB 845 Monning (D)</p> <p align="center">Sponsor: Brown Administration</p>	<p align="center">Amended 8/22/18</p> <p align="center">Held in Assembly Appropriations Committee</p>	<p>Safe and Affordable Drinking Water Fund: Rather than imposing a mandatory charge on urban water retail agencies as proposed in SB 623 (Monning) and the budget trailer bill from early 2018, this bill required that retail water agencies impose a “voluntary remittance” on each customer’s bill beginning July 1, 2019, to raise funds to assist disadvantaged communities to gain access to safe and reliable drinking water. Retail customers could elect to “opt out” by deducting all or a portion of the amount from their water bill, or could pay more than the established minimum amount. The initial minimum amount would be based upon service connection size, as defined. Funds collected were to be remitted by the water provider at least twice a year based upon the funds received.</p>	<p align="center">OPPOSE based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>SB 845 lacked sufficient detail regarding implementation and collection of the “voluntary remittance.” The bill failed to recognize the complexities associated with retail billing systems around the state. Instead, the bill deferred to a collaborative process between the SWRCB and ACWA to develop voluntary best practices associated with bill presentation, accounting and collection. The best practices included special consideration for low-income households, although there was no specific exemption for low-income ratepayers.</p>
<p align="center">SB 919 Dodd (D)</p> <p align="center">Sponsor: The Nature Conservancy</p>	<p align="center">Amended 6/27/18</p> <p align="center">Held in Assembly Appropriations Committee</p>	<p>Water Resources – Stream Gages: Required the Department of Water Resources (DWR) and State Water Resources Control Board to develop a plan to deploy a network of stream gages that included a determination of funding needs and opportunities for reactivating existing gages.</p>	<p align="center">SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17 and June 2007 Board-adopted Delta Action Plan</p>	<p>A robust and accurate data collection system will support informed decision-making regarding water management. Having a more reliable and accurate system of stream gages can also help integrate groundwater recharge during high-flow events. Good information and science leads to sound public policy on water management.</p>

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>SB 1301 Beall (D)</p> <p>Sponsor: Santa Clara Valley Water District</p>	<p>Amended 8/6/18</p> <p>Governor's Desk</p>	<p>State Permitting – Processing Procedures: Authorizes a dam safety project or flood risk reduction project eligible for supplemental consultation, as specified, for the purpose of expediting the permitting of the project. Requires the Office of Planning and Research to develop a joint multi-agency pre-application and model fee-for-service agreement.</p>	<p>SUPPORT based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>SB 1301 could establish a more efficient permitting process for dam safety and flood protection projects. This could be a helpful for enhanced early engagement to better inform project design and the environmental review process. Due to understaffing at state permitting agencies, deadlines for permitting are often missed, particularly for large projects that yield the most public safety benefit.</p>

**Metropolitan Water District of Southern California
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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p align="center">SB 1422 Portantino (D)</p> <p align="center">Sponsor: Author</p>	<p align="center">Amended 8/2318</p> <p align="center">Governor's Desk</p>	<p>California Safe Drinking Water Act – Microplastics: Would require the State Water Resources Control Board (SWRCB) to adopt a definition of microplastics by July 1, 2020, and then adopt rules for the testing of microplastics in drinking water, including a detection methodology and disclosure requirements, on or before July 1, 2021.</p>	<p align="center">OPPOSE based upon Board-adopted legislative policy priorities dated 12/12/17</p>	<p>While studies have identified the presence of microplastics in drinking water, it remains unclear as to what the presence of microplastics means in terms of affecting human health. Further research is necessary and is currently underway. However, the development and validation of testing methods through a peer-review process is still years away. There also is no detection limit nor are there any accredited environmental laboratories in the state that can provide analysis for microplastics in drinking water. The availability of science and research, not an arbitrary deadline, should guide the development of any requirements for an issue as complex as microplastics.</p> <p>SB 1422 would also require public disclosure on testing results without there being information available to put the results in context as to whether the results are significant. Without context, the reporting may detrimentally impact the public's perception of the safety and quality of their drinking water.</p>

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Bill Number Author	Amended Date; Location	Title-Summary	MWD Position	Effects on Metropolitan
<p>SB 1493 Senate Committee on Natural Resources and Water</p> <p>Sponsors: Multiple</p>	<p>Amended 8/21/18</p> <p>Governor's Desk</p>	<p>State Lands: Represents the Senate Natural Resources and Water Committee omnibus "code clean-up" bill. Sections 29 and 30 would repeal the State Lands Commission's (SLC) Statutory Trust Grant issued to Metropolitan and returns the tide and submerged lands at Bolsa Chica to the State of California. Metropolitan has not, and does not intend to, move forward with projects as defined in the grant.</p>	<p>WATCH based on MWD Real Property and Asset Management Committee discussion on 12/12/17</p>	<p>The tide and submerged lands granted to Metropolitan in 1967 by the State Lands Commission are subject to a reversionary interest. The state is choosing to exercise that interest to focus its resources on other matters rather than annually monitoring and reviewing the inactive status of the grant.</p>

ETWD Public Education and Outreach Report

September 27, 2018

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 two water waste complaints for the month of August for excessive water use. The report is being revised in the new Geoviewer program and should be available next month.

Messaging/Materials

The September bill message: Fall has arrived. Less water is required for your lawn and plants during the cooler months. Please adjust your sprinkler timers for the cooler evening weather. Sign-up for free periodic sprinkler adjustment reminder emails to homeowners and businesses at www.csans.net.

OC Regional Water & Wastewater Multi-Jurisdictional Hazard Mitigation Draft Plan

ETWD is soliciting public feedback on the OC Regional Water & Wastewater Multi-Jurisdictional Hazard Mitigation Plan through the ETWD website and through social media. ETWD staff has reviewed and is submitting comments on the draft plan.

<https://etwd.com/doing-business/hazard-mitigation-plan/>.

California Water Professional Appreciation Week

Reference staff paper and resolution in Item 8 of the board package.

Community Advisory Group

The next Community Advisory Group meeting is November 8, 2018.

Laguna Woods Village Television Channel 6

Director Fred Adjarian is scheduled for LWV TV 6 on Friday, September 28, 2018. His topics include the CA Water Fix and CA Water Professionals Week.

ETWD Community Outreach Schedule

September 29, 2018

UC ANR Urban Landscape and Garden Expo – 7601 Irvine Blvd., Irvine, CA from 9 a.m. to 2 p.m. ETWD staff will host a booth and distribute drinking water with ETWD's emergency water trailer. See attached flyer.

October 20, 2018

South County Disaster Preparedness Expo – City of Mission Viejo Norman P. Murry Center. ETWD staff will host a booth and distribute drinking water with ETWD's emergency water trailer.

October 25, 2018

H2O for HOA's – Laguna Hills Community Center. ETWD along with MNWD, SMWD, SCWD, City of Laguna Hills, City of Laguna Niguel, City of Aliso Viejo, City of Mission Viejo and possibly a few others are hosting an H2O for HOA's on October 25, 2018 from 8:00 am. – 12:00 p.m.

November 3, 2018

Girl Scout Water Tour - ETWD will host the first Girl Scout Water Resources and Conservation Patch at the WRP on Saturday, November 3, 2018. This event will be two hours and will include a very brief welcome/introduction, plant tour for 1 hour and 15 minutes and 45 minute activity. The Girl Scouts are very specific on the time frame of 2 hours to complete the tour and patch.



Join Us at the 10th Annual Urban Landscape and Garden Education Expo
Activities for the Whole Family!

Explore the sustainable gardening practices at work in the University of California Cooperative Extension (UCCE) Demonstration Landscapes - including rainwater harvesting, low-water plantings, more efficient irrigation, composting, mulching and environmentally friendly pest control alternatives. Docent-led tours will be offered throughout this event.

Taste fresh, seasonal fruit grown at the UC ANR South Coast Research & Extension Center. Learn food preservation methods from UCCE Master Food Preservers.

Kids – check out the youth garden for games and activities.

View a demonstration on garden tool care, self-watering containers, or food preservation.

Get answers to your landscape questions from UC experts, UCCE Master Gardeners, various industry exhibitors and local water agencies. The ever popular “Doctors Are In” will be available throughout this event to answer any of your landscape, irrigation, and pest management questions.

Grab a burger or hot dog, maybe a fresh-made donut hole, or two, in support of the 4-H Teen Council.

Succulents and other plants available for sale – cash or checks only.

This is a **FREE** event hosted by University of California ANR South Coast Research & Extension Center, Cooperative Extension – Orange County, with support from Irvine Ranch Water District, Mountain States Wholesale Nursery, and County of Orange Public Education Stormwater Program.

Saturday, September 29, 2018

9 am to 2 pm

7601 Irvine Blvd., Irvine, CA

Directions, updates and additional details at: www.ucanr.org/sites/urbanwatermgmt

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Inquiries regarding ANR’s nondiscrimination policies may be directed to UCANR, Affirmative Action Compliance & Title IX Officer, University of California, Agriculture and Natural Resources, 2801 Second Street, Davis, CA 95618, (530) 750-1397.

**EL TORO WATER DISTRICT
CONSERVATION PROGRAM
Monthly
Status Report
September 27, 2018**

REBATE PROGRAMS

The following tables are the current device rebate amounts for MET, MWDOC and ETWD for the fiscal year 2018/19 from July 1st through June 30th.

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. Customers without computer access can call 888-376-3314 to apply.

1) Residential Rebate Program:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
High Efficiency Clothes Washer (CEE tier one or better)	\$85		\$115	\$200
Premium High Efficiency Toilet (4 liter)	\$40		\$60	\$100
Rotating Sprinkler Nozzles (min 30 per home)	\$2 ea		\$1	\$3
Smart Irrigation Timer	\$80		\$75	\$155
Turf Removal/Landscape Transformation (up to 1,500 sq ft)*	\$1 sq. ft	\$0 - .50 sq. ft.	\$.50 – 1.00 sq. ft.	\$2 sq. ft.
Soil Moisture Sensor System <1 Acre >1 Acre	\$80 \$35/station		\$75	\$155 \$35/station
Rain Barrels – 1/1 – 6/30/17 Cisterns (200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	\$35 \$250 \$300 \$350		\$15	\$50 \$250 \$300 \$350
Drip Irrigation (per kit and up to 5 kits)		\$90 base plus \$85		\$175 per kit

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

2) Commercial Plumbing/Irrigation Devices Rebate Program:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
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/Landscape Transformation (up to 10,000 sq ft)*	\$1 sq. ft.			\$1 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. 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 August 2018 year-to-date sales, residential accounted for 61% of the overall Tier 3 usage and dedicated irrigation accounted for 54% 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 11% from August 2017 when compared to August 2018. There was a 10% increase in consumption reflected in August 2018.

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: September 18, 2018**

**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	13	47.0	15.3	\$44,269
High Efficiency Clothes Washers--Residential	2001	17	23.4	7.6	\$22,059
*SoCal Water Smart Commercial Plumbing Fixtures Rebate Program (ULFT's, HET's, Urinals, HECW, Cooling Tower Conductivity Controllers)	2002	16	46.9	15.3	\$44,119
SmarTimer Program--Irrigation Timers	2004	14	194.9	63.5	\$183,421
Rotating Nozzles Rebate Program	2007	11	124.9	40.7	\$117,562
Turf Removal Program	2010	8	53.2	17.3	\$50,038
**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
Totals			936.2	305.1	\$881,088

* 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 305.1 million gallons of water per year.

Orange County

Water Use Efficiency Programs Savings and Implementation Report

Retrofits and Acre-Foot 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	July-18	107	0.31	107	0.31	116,652	4,024	30,371
Smart Timer Program - Irrigation Timers	2004	July-18	198	4.34	198	4.42	22,911	8,101	54,890
Rotating Nozzles Rebate Program	2007	July-18	0	0.00	0	0.00	564,307	2,749	19,631
Commercial Plumbing Fixture Rebate Program	2002	July-18	1,223	1.58	1,223	1.58	94,996	4,939	49,305
Industrial Process/Water Savings Incentive Program (WSIP)	2006	July-18	0	0.00	0	0.00	30	640	3,082
Turf Removal Program ^[3]	2010	July-18	23,571	0.27	23,571	0.27	21,618,649	3,027	13,308
High Efficiency Toilet (HET) Program	2005	July-18	12	0.04	12	0.51	60,115	2,222	19,273
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 ^[2]	1992						363,926	13,452	162,561
Home Water Surveys ^[2]	1995						11,867	160	1,708
Showerhead Replacements ^[2]	1991						270,604	1,667	19,083
Total Water Savings All Programs			7	25,111	7	23,822,484	51,705	446,364	

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

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

⁽³⁾ Turf Removal Interventions are listed as square feet.

⁽⁴⁾ 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	-	1,923	0.00	502.63	995
Buena Park	105	106	91	76	54	50	-	1,568	0.00	396.78	811
East Orange CWD RZ	10	8	8	8	3	1	-	193	0.00	53.71	100
El Toro WD	134	121	111	65	47	50	1	1,572	0.00	398.49	813
Fountain Valley	115	102	110	76	65	49	1	2,450	0.00	664.37	1,268
Garden Grove	190	162	165	251	127	87	1	3,651	0.00	947.18	1,889
Golden State WC	265	283	359	260	138	156	6	5,177	0.02	1,342.81	2,679
Huntington Beach	334	295	319	225	180	141	4	8,391	0.01	2,310.57	4,342
Irvine Ranch WD	1,763	1,664	1,882	1,521	1,373	1,203	38	25,907	0.11	6,404.71	13,405
La Habra	82	114	87	66	53	48	1	1,376	0.00	347.36	712
La Palma	34	25	34	29	10	14	1	473	0.00	120.32	245
Laguna Beach CWD	38	37	39	32	19	20	-	952	0.00	253.44	493
Mesa Water	114	86	89	113	80	54	3	2,575	0.01	707.73	1,332
Moulton Niguel WD	442	421	790	688	575	527	23	10,471	0.07	2,551.15	5,418
Newport Beach	116	92	95	66	61	51	-	2,675	0.00	749.46	1,384
Orange	218	163	160	124	80	74	1	3,973	0.00	1,100.69	2,056
Orange Park Acres					-	-	-	12	0.00	4.09	6
San Juan Capistrano	76	73	92	63	33	33	1	1,493	0.00	392.02	773
San Clemente	140	94	141	75	70	85	-	2,705	0.00	709.64	1,400
Santa Margarita WD	553	662	792	466	367	274	21	9,811	0.06	2,474.24	5,076
Seal Beach	31	29	38	23	9	17	-	619	0.00	162.93	320
Serrano WD	13	10	26	8	11	8	-	365	0.00	100.05	189
South Coast WD	89	79	68	43	44	36	-	1,620	0.00	423.46	838
Trabuco Canyon WD	30	45	47	34	28	22	-	820	0.00	211.90	424
Tustin	78	59	80	66	44	49	1	1,662	0.00	447.70	860
Westminster	121	82	109	149	84	65	-	2,651	0.00	695.77	1,372
Yorba Linda	181	167	156	123	56	67	4	3,823	0.01	1,055.68	1,978
MWDOC Totals	5,365	5,094	6,002	4,726	3,668	3,237	107	98,908	0.31	25,528.86	19,109
Anaheim	331	285	295	266	213	173	-	10,855	0.00	3,037.43	5,617
Fullerton	200	186	211	165	107	99	-	3,794	0.00	998.43	1,963
Santa Ana	163	131	132	259	141	124	-	3,095	0.00	806.18	1,601
Non-MWDOC Totals	694	602	638	690	461	396	-	17,744	0.00	4,842.04	3,428
Orange County Totals	6,059	5,696	6,640	5,416	4,129	3,633	107	116,652	0.31	30,370.91	22,537

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	2	0	165	80	584.33
Buena Park	3	0	0	0	4	10	7	4	10	7	15	3	2	4	48	48	184.05
East Orange CWD RZ	2	0	0	0	2	0	1	0	11	1	6	0	0	0	31	1	26.81
El Toro WD	7	2	11	0	8	9	9	17	33	8	29	4	2	0	146	359	2,728.64
Fountain Valley	3	2	4	0	7	10	13	1	33	12	28	12	2	0	121	52	228.37
Garden Grove	5	2	9	0	10	14	13	11	28	0	27	2	5	0	133	40	208.43
Golden State WC	9	49	9	25	39	12	35	16	56	37	88	6	6	13	319	211	976.48
Huntington Beach	18	33	20	35	19	2	42	12	88	94	70	30	6	0	348	298	1,300.84
Irvine Ranch WD	414	135	71	59	67	310	239	207	344	420	416	78	34	0	2,219	2,364	13,079.68
La Habra	4	7	2	0	4	7	3	1	12	7	8	0	3	0	47	44	235.19
La Palma	1	0	2	0	2	0	3	2	1	0	5	0	1	0	16	2	8.29
Laguna Beach CWD	76	2	71	0	86	0	86	1	27	0	11	0	0	0	508	20	272.36
Mesa Water	10	2	15	2	17	28	36	12	149	41	49	0	5	0	372	154	855.93
Moulton Niguel WD	51	74	40	45	46	95	163	100	236	129	284	33	20	51	1,218	885	4,261.73
Newport Beach	242	26	168	75	11	9	28	43	30	12	24	0	0	0	1,062	409	2,940.58
Orange	20	24	13	9	18	31	51	13	69	10	61	13	8	0	354	178	1,075.03
San Juan Capistrano	14	18	6	11	6	19	20	8	22	8	23	5	1	0	246	130	745.55
San Clemente	26	7	28	2	28	24	26	3	37	13	38	41	1	0	1,090	415	3,014.29
Santa Margarita WD	53	171	64	93	53	321	189	136	326	221	273	220	11	2	1,438	1,594	6,917.32
Santiago CWD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Seal Beach	1	0	1	36	1	12	2	2,446	2	4	5	0	0	0	12	2,502	6,804.34
Serrano WD	1	0	0	0	4	0	11	2	4	0	8	0	0	0	46	2	17.80
South Coast WD	13	16	8	4	104	73	9	11	7	0	15	2	0	0	293	214	1,307.18
Trabuco Canyon WD	6	0	2	0	6	1	16	50	13	3	20	0	2	0	125	157	1,062.61
Tustin	8	4	9	1	18	14	33	8	33	23	27	1	4	0	174	81	403.52
Westminster	1	1	2	0	13	17	7	1	17	12	22	0	2	0	89	44	231.71
Yorba Linda	20	0	12	5	32	2	61	27	72	71	68	10	6	0	412	193	985.15
MWDOC Totals	1,017	583	571	402	648	1,026	1,123	3,136	1,691	1,137	1,652	460	123	70	11,032	10,477	50,456.22

Anaheim	19	10	9	26	7	52	30	34	87	10	62	0	5	0	311	457	2,930.89
Fullerton	9	29	8	0	40	26	32	12	53	7	43	0	0	0	242	199	1,080.63
Santa Ana	8	19	7	8	9	27	22	26	15	3	11	0	0	0	93	100	422.18
Non-MWDOC Totals	36	58	24	34	56	105	84	72	155	20	116	0	5	0	646	756	4,433.70

Orange County Totals	1,053	641	595	436	704	1,131	1,207	3,208	1,846	1,157	1,768	460	128	70	11,678	11,233	54,890
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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	61.57
Buena Park	53	0	0	248	0	0	45	98	0	0	0	0	0	0	0	0	0	0	509	173	2,535	815.14
East Orange	30	0	0	221	0	0	0	0	0	0	0	0	30	0	0	0	0	0	781	0	0	20.63
El Toro	56	3,288	0	1,741	28,714	0	730	4,457	0	55	242	0	36	0	0	0	0	0	3,260	43,348	890	1,374.09
Fountain Valley	0	0	0	107	0	0	222	0	0	0	0	0	85	0	0	0	0	0	919	2,874	0	19.34
Garden Grove	80	0	0	88	50	0	110	0	0	55	98	0	52	0	0	0	0	0	855	254	0	35.24
Golden State	192	0	0	583	1,741	0	1,088	0	0	207	6,008	0	161	-495	0	0	0	0	3,480	10,837	0	289.77
Huntington Beach	120	0	0	798	1,419	0	1,345	2,836	0	149	3,362	0	-37	0	0	0	0	0	4,001	9,135	2,681	1,351.83
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	46,498	43,325	2,004	4,986.44
La Habra	15	0	0	109	338	0	300	0	0	0	0	0	0	0	0	0	0	0	1,515	55,404	900	369.02
La Palma	0	0	0	0	0	0	46	505	0	0	2,385	0	33	0	0	0	0	0	89	3,163	0	38.08
Laguna Beach	2,948	878	0	2,879	1,971	0	1,390	0	0	0	0	0	0	0	0	0	0	0	11,948	2,896	0	355.81
Mesa Water	361	0	0	229	0	0	166	0	0	113	0	0	36	0	0	0	0	0	2,062	302	343	199.99
Moulton Niguel	361	227	0	1,596	4,587	0	5,492	1,441	0	153	5,872	0	893	0	0	0	0	0	12,728	20,598	2,945	1,782.02
Newport Beach	19,349	6,835	0	460	3,857	0	348	670	0	0	0	0	45	0	0	0	0	0	46,865	16,632	0	1,812.10
Orange	245	120	0	304	668	0	631	91	0	0	0	0	0	0	0	0	0	0	3,133	5,853	0	118.53
San Juan Capistrano	370	0	0	495	737	0	310	593	0	75	123	0	59	0	0	0	0	0	5,027	3,143	0	459.63
San Clemente	415	5,074	0	326	0	0	426	0	0	0	0	0	146	0	0	0	0	0	10,062	11,948	1,343	828.92
Santa Margarita	389	0	0	1,207	1,513	0	1,820	837	0	15	0	0	224	0	0	0	0	0	15,387	7,283	611	852.79
Seal Beach	0	0	0	40	5,261	0	0	2,300	0	0	0	0	0	0	0	0	0	0	155	7,561	0	157.83
Serrano	105	0	0	377	0	0	695	0	0	0	0	0	0	0	0	0	0	0	1,907	291	0	98.75
South Coast	70	0	0	4,993	13,717	0	1,421	2,889	0	16	0	0	0	0	0	0	0	0	9,628	18,870	0	566.88
Trabuco Canyon	0	0	0	56	0	0	130	0	0	0	4,339	0	0	0	0	0	0	0	729	4,339	0	149.82
Tustin	329	0	0	408	0	0	317	386	0	65	-341	0	30	0	0	0	0	0	4,444	1,849	0	127.11
Westminster	0	0	0	54	0	0	73	0	0	105	0	0	50	0	0	0	0	0	748	0	0	12.37
Yorba Linda	40	990	0	921	0	0	1,715	0	0	213	0	0	0	0	0	0	0	0	5,790	1,103	500	478.49
MWDOC Totals	36,622	21,669	0	19,818	65,250	0	20,883	24,634	0	1,556	31,599	0	2,199	-710	0	0	0	0	194,823	274,867	14,752	17,362.20

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	1,402.16
Fullerton	107	0	0	684	1,196	0	521	7,015	0	65	3,034	0	0	0	0	0	0	0	2,910	11,309	1,484	719.68
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	146.67
Non-MWDOC Totals	531	2,533	0	1,492	1,908	0	1,315	13,656	0	212	8,093	0	0	0	0	0	0	0	7,789	66,860	1,589	2,268.51

Orange County Totals	37,153	24,202	0	21,310	67,158	0	22,198	38,290	0	1,768	39,692	0	2,199	-710	0	0	0	0	202,612	341,727	16,341	19,630.71
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COMMERCIAL PLUMBING FIXTURES REBATE PROGRAM^[1]
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	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	0	2,964	1,942
Irvine Ranch WD	1,090	451	725	11,100	5,958	1,599	0	29,465	9,779
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	0	4,254	2,545
Moulton Niguel WD	0	0	3	413	281	506	0	1,783	1,032
Newport Beach	0	0	566	0	0	0	0	1,834	1,550
Orange	1	271	81	275	2,851	458	0	5,488	2,277
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	506	2,054	368
Santiago CWD	0	0	0	0	0	0	0	0	0
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	0	1,404	1,005
Westminster	1	28	0	146	177	25	0	1,163	1,191
Yorba Linda	1	0	0	226	84	338	0	933	684
MWDOC Totals	1,594	1,172	2,161	17,275	13,829	5,830	1,223	70,064	33,187
Anaheim	165	342	463	3,072	309	1,808	0	15,561	8,466
Fullerton	94	0	178	476	621	274	0	3,052	2,015
Santa Ana	16	17	5	1,293	238	582	0	6,319	5,637
Non-MWDOC Totals	275	359	646	4,841	1,168	2,664	0	24,932	16,119
Orange County Totals	1,869	1,531	2,807	22,116	14,997	8,494	1,223	94,996	49,305

^[1] 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	519
East Orange	0	0	0	0	0	0	0	0	0	0	0
El Toro	0	0	0	0	0	0	0	0	0	0	0
Fountain Valley	0	0	0	0	0	1	0	0	1	23	33
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	31
Huntington Beach	0	2	0	1	2	0	1	0	6	180	626
Irvine Ranch	1	1	1	0	2	1	0	0	9	115	670
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	78
Orange	0	0	0	0	1	2	1	0	5	97	530
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	191
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	0	0	0	0
Yorba Linda	0	0	0	0	0	0	0	0	0	0	0
MWDOC Totals	1	3	1	2	9	5	2	0	29	628	2677
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	11	405
OC Totals	1	3	1	2	10	5	2	0	30	640	3082

[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^[1]
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 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	7,605	0	5,697	0	71,981	30,617	118,930	404,411	8,354	479	9,853	27,234	0	0	225,817	472,207	405.62
Buena Park	0	0	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	0	0	1,964	0	18,312	0	27,844	0	0	0	0	0	0	0	48,120	0	30.06
El Toro	4,680	72,718	4,582	0	27,046	221,612	63,546	162,548	13,139	48,019	7,273	42,510	561	0	125,550	547,407	425.36
Fountain Valley	682	7,524	4,252	0	45,583	5,279	65,232	0	3,679	0	8,631	0	699	0	130,058	12,803	89.26
Garden Grove	4,534	0	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	31,813	3,200	32,725	8,424	164,507	190,738	310,264	112,937	0	0	0	0	0	0	581,902	346,272	636.92
Huntington Beach	9,219	12,437	20,642	0	165,600	58,942	305,420	270,303	9,560	21,534	14,236	6,032	528	0	553,636	421,737	628.19
Irvine Ranch	32,884	32,384	36,584	76,400	234,905	317,999	782,844	2,675,629	231,483	46,725	86,893	61,037	3,786	0	1,421,252	3,224,634	2,673.43
La Habra	0	0	0	0	14,014	1,818	49,691	72,164	0	0	3,003	0	0	0	66,708	90,019	99.21
La Palma	0	0	0	0	4,884	0	10,257	59,760	0	0	0	0	0	0	15,141	59,760	42.63
Laguna Beach	2,664	1,712	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	10,667	0	22,246	0	131,675	33,620	220,815	106,896	4,173	77,033	17,373	77,785	1,360	0	415,086	295,334	396.89
Moulton Niguel	11,538	84,123	14,739	40,741	314,250	1,612,845	889,748	1,059,279	220,749	0	98,271	0	4,221	0	1,558,955	2,840,054	2,758.25
Newport Beach	3,548	2,346	894	0	33,995	65,277	76,675	375,404	2,924	0	5,938	6,499	0	0	127,428	449,526	337.75
Orange	15,951	8,723	11,244	0	120,093	281,402	289,990	106,487	12,847	2,366	11,956	0	1,315	0	476,367	398,978	561.14
San Clemente	16,062	13,165	18,471	13,908	90,349	1,137	215,249	438,963	4,267	0	33,083	7,098	0	0	398,983	474,271	523.35
San Juan Capistrano	29,544	27,156	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	10,151	11,600	17,778	48,180	211,198	514,198	534,048	550,420	17,010	28,094	62,706	25,000	2,421	0	861,759	1,194,453	1,263.24
Santiago	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Seal Beach	3,611	0	0	0	15,178	504	17,349	15,911	1,234	0	752	0	0	0	38,124	16,415	33.87
Serrano	0	0	2,971	0	41,247	0	127,877	4,403	5,450	0	555	0	2,000	0	180,100	4,403	108.17
South Coast	9,429	4,395	15,162	116,719	84,282	191,853	181,102	128,290	14,967	0	13,319	7,806	0	0	325,067	465,387	531.26
Trabuco Canyon	1,542	22,440	2,651	0	14,771	0	42,510	88,272	1,465	0	4,788	0	0	0	67,999	110,712	111.56
Tustin	9,980	0	1,410	0	71,285	14,137	232,697	33,362	11,173	0	16,926	0	0	0	343,471	47,499	229.18
Westminster	0	0	0	0	14,040	34,631	71,833	23,902	11,112	0	10,033	0	0	0	107,018	58,533	95.16
Yorba Linda	0	0	0	0	112,136	12,702	360,279	116,985	19,420	0	9,529	3,696	5,450	0	518,163	133,383	381.57
MWDOC Totals	216,104	303,923	238,978	304,598	2,195,544	3,692,153	5,493,639	7,015,357	613,934	264,998	424,780	264,697	23,571	0	9,414,064	12,195,371	13,300.42
Anaheim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Fullerton	0	0	0	9,214	0	0	0	0	0	0	0	0	0	0	0	9,214	6.45
Santa Ana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Non-MWDOC Totals	0	0	0	9,214	0	0	0	0	0	0	0	0	0	0	0	9,214	6.45
Orange County Totals	216,104	303,923	238,978	313,812	2,195,544	3,692,153	5,493,639	7,015,357	613,934	264,998	424,780	264,697	23,571	0	9,414,064	12,204,585	13,307

[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	0	456	116.31
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	2	2,045	611.53
Fountain Valley	0	41	132	220	7	9	0	832	278.72
Garden Grove	0	63	350	363	7	4	0	1,488	474.87
Golden State WC	2	142	794	512	9	11	0	2,801	877.48
Huntington Beach	0	163	1,190	628	4	3	0	2,904	821.99
Irvine Ranch WD	1,449	810	1,777	2,798	638	239	9	17,157	6,024.11
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	0	224	66.01
Mesa Water	0	147	162	162	7	3	0	1,621	650.09
Moulton Niguel WD	0	400	2,497	1,939	49	40	1	5,731	1,344.36
Newport Beach	0	49	168	243	11	6	0	731	208.28
Orange	1	142	978	416	17	10	0	2,189	608.81
San Juan Capistrano	0	35	140	202	3	9	0	532	139.76
San Clemente	0	72	225	246	11	6	0	878	255.87
Santa Margarita WD	0	528	997	1,152	114	34	0	3,343	793.90
Seal Beach	2	17	50	69	-1	0	0	857	421.72
Serrano WD	0	2	40	55	3	0	0	121	28.68
South Coast WD	64	102	398	235	11	7	0	1,028	266.55
Trabuco Canyon WD	0	10	108	169	2	3	0	342	77.41
Tustin	0	64	132	201	12	10	0	1,516	589.78
Westminster	0	35	161	359	3	4	0	1,335	460.36
Yorba Linda WD	0	40	280	379	12	8	0	1,259	388.69
MWDOC Totals	1,651	3,330	12,038	11,118	958	428	12	51,146	16,078.60

Anaheim	0	156	1,188	614	70	19	0	5,884	2,192.98
Fullerton	0	61	293	286	14	9	0	1,064	313.92
Santa Ana	0	33	602	293	20	0	0	2,021	687.54
Non-MWDOC Totals	0	250	2,083	1,193	104	28	0	8,969	3,194.44

Orange County Totals	1,651	3,580	14,121	12,311	1,062	456	12	60,115	19,273.04
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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.


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

AGENDA

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

Thursday, September 6, 2018
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 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 July 12, 2018	1
Board of Directors Meeting June 15, 2018.....	8
Board of Directors Meeting April 26, 2018	34

ACTION The Board will be requested to approve subject Minutes.

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South Orange County Wastewater Authority
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B. Minutes of Finance Committee Meeting(s)

Finance Committee Meeting May 24, 2018	48
Finance Committee Meeting May 16, 2018	51
Finance Committee Meeting March 30, 2018	55

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

C. Financial Matters

1) Monthly Financials Report for May 2018	58
a) Summary of Disbursements for May 2018 – Exhibit A	60
b) Schedule of Funds Available for Reinvestment – Exhibit B	61
c) Schedule of Cash and Investments – Exhibit C	62
d) Capital Schedule – Exhibit D	63
Capital Projects - Graph – Exhibit D1	64
e) Budget vs. Actual Expenses	
Operations and Environmental Summary – Exhibit E1	65
Residual Engineering, after transfer to Capital – Exhibit E2	71
Administration – Exhibit E3	72
Information Technology (IT) – Exhibit E4	73

ACTION The Board will be requested to ratify the summary of Disbursements for the period from May 1, 2018 through May 31, 2018, totaling \$1,728,250, and to receive and file the May 2018 Financial Reports as submitted.

2) Monthly Financials Report for June 2018 (Preliminary Budget vs. Actual Expenses and Capital Expenditures)	74
a) Summary of Disbursements for June 2018 – Exhibit A	76
b) Schedule of Funds Available for Reinvestment – Exhibit B	77
c) Schedule of Cash and Investments – Exhibit C	78
d) Capital Schedule – Exhibit D	79
Capital Projects - Graph – Exhibit D1	80
e) Budget vs. Actual Expenses	
Operations and Environmental Summary – Exhibit E1	81
Residual Engineering, after transfer to Capital – Exhibit E2	87
Administration – Exhibit E3	88
Information Technology (IT) – Exhibit E4	89
f) Preliminary FY 2018-19 Actual Fringe Pool and Fringe Rate – Exhibit F	90

ACTION The Board will be requested to ratify the summary of Disbursements for the period from June 1, 2018 through June 30, 2018, totaling \$2,432,134, and to receive and file the June 2018 Financial Reports as submitted.

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South Orange County Wastewater Authority
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D. Operational Reports

1) Monthly Operations Report – June 2018.....	91
2) Ocean Outfall Discharges.....	103
3) Beach/Ocean Monitoring Report.....	133
4) Recycled Water Report.....	134
5) Pretreatment Report (June, July & August 2018).....	138

ACTION The Board will be requested to receive and file the *June 2018 Operations Report*.

1) Monthly Operations Report – July 2018 (distributed at the meeting)	
2) Ocean Outfall Discharges (distributed at the meeting)	
3) Beach/Ocean Monitoring Report.....	143
4) Recycled Water Report.....	164

ACTION The Board will be requested to receive and file the *July 2018 Operations Report*.

E. Capital Improvement Program

Status Report(s)	167
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ACTION The Board will be requested to receive and file subject reports.

F. Project Committee No. 15

1) Approval of Minutes

Project Committee No. 15 Meeting June 14, 2018	180
Project Committee No. 15 Meeting May 18, 2018.....	182
Project Committee No. 15 Meeting May 14, 2018.....	184
Project Committee No. 15 Meeting May 11, 2018.....	186
Project Committee No. 15 Meeting April 19, 2018	188
Project Committee No. 15 Meeting April 10, 2018	190
Project Committee No. 15 Meeting April 9, 2018	192

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

G. Project Committee No. 17

Change Order – Pacific Hydrotech Construction Contract	194
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ACTION The PC17 Board will be requested to approve Change Orders 35 through 37 to the construction contract with Pacific Hydrotech for the Regional Treatment Plant Cogeneration and Switchgear Upgrade Project.

Agenda
South Orange County Wastewater Authority
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5. ENGINEERING MATTERS

- A. Award of Engineering Services – Innovative Biosolids Technologies Engineering Support [PC 2 & 17]..... 197
- ACTION The Board will be requested to approve the award of the engineering support services contract to Carollo Engineers at a fee of \$99,948.
- B. Award of Contract – Asset Register Pilot Project [PC 2 & 17].....204
- ACTION The Board will be requested to approve the award of engineering services contract to Hazen & Sawyer at a fee of \$89,728.
- C. Award of Construction Contract - Aliso AWMA Road Embankment and Roadway Storm Repairs Project209
- ACTION The board will be requested to approve the award of construction services contract to Pascal & Ludwig at a fee of \$92,363.

6. GENERAL MANAGER'S REPORTS

- A. Resolution No. 2018-10 – Integrated Regional Watershed Management Plan (IRWM)212
- ACTION The Board will be requested to approve Resolution No. 2018-10 adopting the *2018 South Orange County Integrated Regional Watershed Management Plan* (IRWM) in continued coordination with the SOCWMA IRWM Group as a Member Agency and to qualify SOCWA for Proposition 1 IRWM Grant funds, should project developed and submitted by SOCWA meet IRWM project criteria.
- B. Resolution No. 2018-11 – Adopting Procedures Implementing the California Environmental Quality ACT (CEQA).....216
- ACTION The Board will be requested to approve Resolution No. 2018-11 adopting the *Procedures Implementing the California Environmental Quality Act*.
- C. Resolution No. 2018-12 – Adopting Government Claims Act Rules and Regulation230
- ACTION The Board will be requested to approve Resolution No. 2018-12 adopting the *Government Claims Act Rules and Regulations*.

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D. Unfunded Pension Liability (UAL) Distribution by Member Agencies Results and Recommendation237

ACTION The Board will be requested to approve member agency Distribution Percentages, Timing and Future Application (as detailed in staff report).

E. Monthly Progress Report on State Audit Recommendations243

ACTION The Board will be requested to receive and file the *Monthly Progress Report on State Audit Recommendations* – State Audit Response Schedule.

F. Update on Capital Project Funds on Deposit for Fiscal Year 2018-19 [PC15]

ACTION Information and discussion item.

G. General Manager’s Status Report246

ACTION The Board will review the General Manager’s Status Report:

- Board Questions
- Receive and file

H. CLOSED SESSION

A. Conference with Legal Counsel – Anticipated Litigation

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of section 54956: 1 potential case

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 an unanimous vote.]

ADJOURNMENT

THE NEXT REGULAR SOCWA BOARD MEETING WILL HELD ON
October 4, 2018 at 8:30 a.m.

**NOTICE OF REGULAR MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
ENGINEERING COMMITTEE**

September 13, 2018

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 **September 13, 2018 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

September 13, 2018

Page 2 of 2

3. Review/Approval of Meeting Minutes (May '18 and August '18)
4. Operations Report
5. Use Audit Flow and Solids Methodology
6. Regional Treatment Plant Co-Generation and Switchgear Project Construction Project Status Update (Project Committee 17)
7. Regional Treatment Plant Draft Ten Year Plan Review (Project Committee 17)
8. J. B. Latham Treatment Plant Draft Package "B" Facility Improvements Project Status Update (Project Committee 2)
9. J. B. Latham Treatment Plant Draft Ten Year Plan Review (Project Committee 2)
10. Construction Management Approach for Large Construction Projects (Project 11. Committees 2 and 17)
11. Coastal Treatment Plant Facility Improvements Project Status Update (Project Committee 15)
12. Coastal Treatment Plant Tertiary System Upgrade Bid Review (Project Committee 15)

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.

Dated this 6th day of September 2018.



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

**NOTICE OF SPECIAL MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
FINANCE COMMITTEE**

**September 19, 2018
1:30 p.m.**

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called by the Chairman to be held on **September 19, 2018** at **1:30 p.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 FINANCE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE 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 FINANCE COMMITTEE 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 FINANCE COMMITTEE MEMBERS, EXCEPT THAT, IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE FINANCE COMMITTEE MEETING ROOM.

AGENDA

- 1. Call Meeting to Order**
- 2. Pledge of Allegiance**
- 3. Public Comments**

THOSE WISHING TO ADDRESS THE FINANCE 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 SPECIAL MEETING – FINANCE COMMITTEE

September 19, 2018

Page 2 of 2

4. Approval of Minutes

a) Finance Committee Meeting Minutes of December 6, 2017

Recommendation: Finance Committee approval of minutes as submitted

5. Unfunded Pension Liability (UAL) Update from Moulton Niquel Water District

Recommendation: Information Item

6. FY 2016-17 Use Audit (Final)

Recommendation:

The Finance Committee to recommend to the Board of Directors approval of the Use Audit and collection from and payments to SOCWA member agencies consistent with the results of the FY 2016-17 Use Audit as presented.

7. FY 2017-18 Use Audit (Preliminary)

Recommendation: Information Item

8. FY 2017-18 Cash Roll Forward (Preliminary)

Recommendation: Finance Committee discussion and staff direction

9. Distribution of FY2017-18 Legal Expenditures

Recommendation:

The Finance Committee to recommend to the Board of Directors to Receive and File.

10. Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Finance Committee 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 Finance Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 14th day of September 2018.



Betty C. 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

September 4, 2018, 8:30 a.m.

MWDOC Conference Room 101

P&O Committee:

Director Osborne, Chair
Director Tamaribuchi
Director Yoo Schneider

Staff: R. Hunter, K. Seckel, J. Berg,
H. De La Torre, K. Davanaugh

Ex Officio Member: Director Barbre

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>.

DISCUSSION ITEM

1. STATUS OF THE ORANGE COUNTY WATER RELIABILITY STUDY 2018 UPDATE
2. STATUS UPDATE ON MWDOC'S PROPOSED WATER RELIABILITY PILOT PROGRAM – IRWD'S STRAND RANCH WATER BANK
3. UPDATE RE WATER LOSS CONTROL SHARED SERVICES BUSINESS PLAN

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.)

4. METROPOLITAN'S ASSESSED VALUATION FOR MWDOC AND ORANGE

- COUNTY FOR FISCAL YEAR 2018-19
5. STATUS REPORTS
 - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
 - b. WEROC
 - c. Water Use Efficiency Projects
 - d. Water Use Efficiency Programs Savings and Implementation Report

 6. 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.

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
September 5, 2018, 8:30 a.m.

AGENDA

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. 2075)

- **MICHAEL CAMACHO (INLAND EMPIRE UTILITIES AGENCY) COMMENTS REGARDING METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA CHAIRMANSHIP**

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. **PRESENTATION BY MET RE SANTA ANA REGIONAL CONSERVATION CONJUNCTIVE USE PROGRAM (SARCCUP)**

Recommendation: Receive input and discuss the information.

3. CALIFORNIA WATERFIX ACTIVITIES UPDATE

Recommendation: Review and discuss the information presented.

4. 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 by MET in the Doheny Desalination Project and in the Huntington Beach Ocean Desalination Project (Poseidon Desalination Project)
- f. Orange County Reliability Projects
- g. East Orange County Feeder No. 2
- h. South County Projects

Recommendation: Discuss and provide input on information relative to the MET items of critical interest to Orange County.

5. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summary regarding August Board Meeting
- b. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

ADJOURNMENT

Note: Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by 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.

**MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY**
Jointly with the
ADMINISTRATION & FINANCE COMMITTEE
September 12, 2018, 8:30 a.m.
MWDOC Conference Room 101

Committee

Director Thomas, Chair
Director Dick
Director Finnegan

Staff: R. Hunter, K. Seckel, C. Harris,
K. Davanaugh, H. Chumpitazi

Ex Officio Member: Director Barbre

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 --

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PROPOSED BOARD CONSENT CALENDAR ITEMS

1. TREASURER'S REPORT
 - a. Revenue/Cash Receipt Report – August 2018
 - b. Disbursement Approval Report for the month of September 2018
 - c. Disbursement Ratification Report for the month of August 2018
 - d. GM Approved Disbursement Report for the month of August 2018
 - e. Water Use Efficiency Projects Cash Flow – August 31, 2018
 - f. Consolidated Summary of Cash and Investment – July 2018
 - g. OPEB Trust Fund monthly statement

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

DISCUSSION ITEM

3. MWDOC WATER FACILITIES CORPORATION ANNUAL MEETING
 - a. 2018 Annual Filing of Tax Compliance Reports for the MWDOC Water Facilities Corporation
 - b. Annual Reorganization of Board Officers for the MWDOC Water Facilities Corporation
4. PRESENTATION BY KEITH STRIBLING (HIGHMARK CAPITAL) REGARDING OPEB AND PENSION TRUST ACCOUNT INVESTMENTS

ACTION ITEMS

5. AUTHORIZE FY18-19 CHOICE PROGRAMS BUDGET REVISIONS
6. AWARD PROFESSIONAL SERVICES CONTRACT FOR MWDOC SEISMIC RETROFIT PROJECT
7. PRUDENT COMPANION POLICY
8. AUTHORIZE ATTENDANCE AT THE FEMA & AWWA DISASTER RESOURCE TYPING STANDARDS WORKSHOP, NOVEMBER 15, 2018, WASHINGTON, DC
9. AUTHORIZE ATTENDANCE AT THE ACC-OC ADVOCACY CONFERENCE, SEPTEMBER 16-18, 2018, WASHINGTON, DC

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.)

10. AGREEMENT WITH BERGELECTRIC CORP.
11. DEPARTMENT ACTIVITIES REPORTS
 - a. Administration
 - b. Finance and Information Technology
12. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

OTHER ITEMS

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

ADJOURNMENT

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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.

MEETING OF THE
BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PUBLIC AFFAIRS AND LEGISLATION COMMITTEE
September 17, 2018, 8:30 a.m.
Conference Room 101

Committee:

Director Dick, Chair
Director Thomas
Director Tamaribuchi

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)

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

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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

2. DISCUSSION REGARDING SPECIAL DISTRICT CANDIDATE/ELECTION/BALLOT REQUIREMENTS

3. MWDOC LEGISLATIVE POLICY PRINCIPLES ANNUAL UPDATE

ACTION ITEMS

4. AUTHORIZATION TO CONTRACT FOR STRATEGIC DIGITAL COMMUNICATIONS SERVICES

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.)

5. SCOUTS PROGRAMS UPDATE
6. UPDATE ON 2019 OC WATER SUMMIT
7. PUBLIC AFFAIRS ACTIVITIES REPORT

OTHER ITEMS

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

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.

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

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS/PARTICIPATION

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

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

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EMPLOYEE SERVICE AWARDS

MWDOC WATER FACILITIES CORPORATION AGENDA ITEMS

WFC-1 FINANCIAL REPORT

- a. Annual Filing of Tax Compliance Reports.

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

WFC-2 REORGANIZATION OF MWDOC WFC BOARD OFFICERS

Recommendation: Consider reorganizing the MWDOC WFC Board officers

ADJOURNMENT -- END MWDOC WFC AGENDA

NEXT RESOLUTION NO. 2075

CONSENT CALENDAR (Items 1 to 7)

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

1. MINUTES

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

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

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

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

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

Recommendation: Ratify and approve as presented.

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

Recommendation: Receive and file as presented.

4. FINANCIAL REPORT

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

Recommendation: Receive and file as presented.

5. AUTHORIZE FY 18-19 CHOICE PROGRAMS BUDGET REVISIONS

Recommendation: Approve the Choice Programs budget revisions.

6. AWARD PROFESSIONAL SERVICES CONTRACT FOR MWDOC SEISMIC RETROFIT PROJECT

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

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

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

End Consent Calendar

ACTION ITEMS

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

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

8-2 PRUDENT COMPANION POLICY

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

8-3 AUTHORIZATION TO CONTRACT FOR STRATEGIC DIGITAL COMMUNICATIONS SERVICES

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

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

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

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

10. MWDOC GENERAL INFORMATION ITEMS

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

Recommendation: Receive and file as presented.

CLOSED SESSION

12. PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Title: General Manager
Government Code Section 54957

ADJOURNMENT

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

GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES SEPTEMBER 2018

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

MET ITEMS CRITICAL TO ORANGE COUNTY

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

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

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

<p>South Orange County Projects (continued)</p>	<p>feasible approach to implementing a project and then develop both the cost of treatment and identify the regulatory framework that SMWD will need to navigate to implement such a project. The Scope of Work will outline the options and provide up to five alternative concepts including the regulatory framework for each. Layouts and cost estimates will be prepared along with a technical memo discussing the results.</p> <p><u>San Juan Basin Authority</u> The San Juan Bedrock Barrier Investigation is moving into the next phase with the completion of the two monitoring wells. The wells will be used to monitor groundwater responses to pumping pattern changes by both South Coast Water District and the City of San Juan Capistrano. The data collected at the new monitoring wells will help determine the following questions posed by Wildermuth Environmental:</p> <ul style="list-style-type: none"> • Is the aquifer east of the San Juan Creek conveying groundwater at rates that are enough to support pumping at the South Coast WD well field? • Do the existing Orange County Public Work's sheet-piles impact the groundwater flow system between the City and South Coast WD well fields? <p>The San Juan Basin Authority is reviewing an Aquifer Test Work Plan to conduct two separate constant rate pumping tests to help answer the questions above. The two wells to be pumped are the South Coast's Stonehill well and the City's Kinoshita well. Testing is proposed to start shortly depending on the County's sheet pile schedule.</p> <p><u>Fenner Valley Water Authority (FVWA)</u> Cadiz is continuing to pilot treatment facilities to remove hexavalent chromium, arsenic and nitrates from the Fenner Valley water. The levels of the minerals are less than current drinking water standards, however, they are higher than the ambient levels in the water being delivered in the Colorado River Aqueduct. The treatment process results are looking favorable and discussions with MET should start again soon regarding finding space in the aqueduct to convey the water into the Southern California coastal plain.</p> <p><u>Formation of a South County Water Storage Coalition</u> In response to the discussions with OCWD, the Chino Basin Water Bank, the Santa Ana River Conservation and Conjunctive Use Program and now the Strand and Stockdale Integrated Water Banking Program, SMWD has suggested the formation of a South County Water Storage Coalition to the other SOC agencies. The purpose of the Coalition would be to participate in the discussions and development of programs to meet the storage needs of the SOC agencies. SMWD has requested each agency to submit its storage needs as part of a survey process.</p>
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ENGINEERING & PLANNING	
Orange County Reliability Study	Staff and CDM Smith are working diligently to complete the 2018 Orange County Water Reliability Study Update. The current schedule anticipates conducting an initial workshop with our member agencies to QC the MWDOC and CDM work efforts on either September 20 or September 24 to receive initial input. Staff anticipates an update to the MWDOC P&O Committee on October 1 st and then a presentation to WACO on October 5.
South Orange County Emergency Service Program	<p>Dudek was hired to assist MWDOC and IRWD regarding this effort as it includes modeling of the IRWD system to evaluate various options.</p> <p>Phase 1 of the study is examining the ability of the existing IRWD system to convey water to SOC during emergency situations. The preliminary results of the Phase 1 evaluation indicates the following:</p> <ul style="list-style-type: none"> • Approximately 21 cfs (ranges from 16 cfs to 35 cfs) is available to send to SOC in 2018, however, most of that capacity goes away by 2022 as demands build in the IRWD system. • With 10% conservation by IRWD, it appears as if additional capacity is available, but it drops to about 15 cfs by 2022 and will continue dropping until IRWD increases groundwater production. <p>Phase 2 will examine the future ability of the IRWD system (beyond 2025) to convey water to SOC during emergency situations. Phase 2 will also consider additional groundwater production for the IRWD service area of 12,500 AF per year to be developed by 2025. While exploring options for the future groundwater production, the study will also evaluate other options for conveying water to SOC as additional water production is brought on-line by IRWD. The Phase 2 work should be completed in October 2018.</p> <p>The total needs of the SOC agencies are estimated to range between 31 and 43 cfs (equivalent to 20 to 27.5 mgd).</p>
Workshop with B&V Engineers and Hazen & Sawyer Consultants	MWDOC held a meeting on August 31 to discuss, in a workshop setting, issues associated with the integration of local projects, especially with respect to mixing waters of differing qualities. This concept can include ocean desalination projects, other local project or projects such as the pump-in to the EOCF#2. MET staff attended the meeting to help us understand their associated concerns.
Strand Ranch Project	A detailed presentation was given to the Planning & Operations Committee.
Upcoming Issues with MET	MET Evaluation of Regional Storage Portfolio (ERSP). The second meeting with MET and its member agencies was held in late August. The purpose is to discuss the update of emergency criteria and re-evaluation of Metropolitan's Emergency Storage Requirements.

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

EMERGENCY PREPAREDNESS

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

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

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

	<p>transportation and response to an unusual event. The exercise was led by DHS and was an excellent training opportunity for all involved.</p>
<p>Holy Fire Response</p>	<p>WEROC staff were notified of the Holy Fire early on the afternoon of Monday, August 6, 2018 by a MWDOC Staff Member and by a Member Agency. Shortly thereafter the OC Operational Area EOC requested WEROC to provide staff to the county EOC. Kelly Hubbard responded to the County EOC that afternoon for 1 shift. Following that first shift, the county went to a limited staffing plan for monitoring and support of the County Hotline. Incident Command (IC) for the fire was the Cleveland National Forest Fire Service with support from OCFA and many other local fire agencies. Since the fire continued to grow away from OC, WEROC provided monitoring and summary support to Member Agencies closest to the fire and water utilities on the Riverside County front of the fire. Kelly attended one field Incident Command Post briefing to support Trabuco Canyon Water District and provide coordination with the IC. WEROC provided the County EOC with a call-out staffing list for the rest of the week and weekend, but was not requested.</p> <p>As of August 27, 2018 a flare up of the Holy Fire started near Santiago Peak. Cleveland National Forest Fire Service is still in command of the response and the fire is burning away from OC. It does pose a small threat to OC communication towers, however OC Communications has a continuity plan for any impacts they may experience.</p>

WATER USE EFFICIENCY

<p>Orange County Water Loss Control Work Group</p>	<p>On September 11, Joe hosted the Orange County Water Loss Control Work Group. This meeting was attended by 27 staff members from 18 agencies. The agenda included:</p> <ul style="list-style-type: none"> • Welcome and Introductions • Water Loss Updates <ul style="list-style-type: none"> ○ Leak detection equipment lending library update – the equipment has arrived! <ol style="list-style-type: none"> 1. Training Curriculum 2. Hosting opportunity for training 3. Check-out form • Validation and compilation before October 1 • Leak Detection Technologies <ul style="list-style-type: none"> ○ Acoustic methods ○ In-pipe methods ○ Remote methods ○ Published rates of success ○ Costs and benefits ○ Deciding which technologies are appropriate for your infrastructure
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	<ul style="list-style-type: none"> • Year 3 Timeline Update - 2018 tasks after audit compilation and validation • 2019 planning kick-off • Discussion and Questions • Lunch and Conversation <p>The next meeting is scheduled for November 6th and will be hosted by MWDOC.</p>
<p>Metropolitan Water District (MET) Water Use Efficiency Workgroup</p>	<p>On August 16, Beth Fahl and Rachel Waite participated, via conference call, in Metropolitan's Water Use Efficiency Workgroup meeting. Approximately 30 member agencies participated in the meeting. Agenda items included:</p> <ul style="list-style-type: none"> • Water Supply Conditions Report • Tracking Metropolitan's Water Education Programs • Water Savings Incentive Program Update • Cyanobacteria & Other Water Quality Concerns • External Affairs Update • Inspections Program • Member Agency Round-Table/Updates <p>The next Workgroup meeting is scheduled for September 20th at Metropolitan.</p>
<p>California Landscape Contractors Association (CLCA)</p>	<p>On August 23, Rachel W. presented at the CLCA's Southern California Landscape Water Conference hosted by MWDOC. Approximately 70 landscape professional and water utility staff attended the conference. Rachel provided an overview of the landscape efficiency programs and rebates currently offered by MWDOC.</p>
<p>Qualified Water Efficient Landscaper (QWEL) Training</p>	<p>On August 22, August 29, September 5, and September 12, Beth attended MWDOC's QWEL Training at Irvine Ranch Water District. The QWEL training is a six week course of study and exam covering the following topics:</p> <ul style="list-style-type: none"> • Where our Water Comes From • Sustainable Landscaping • Soils • Landscape Water • Irrigation Systems • Irrigation Maintenance and Troubleshooting • Irrigation System Auditing • Field Audit • Irrigation Scheduling • Irrigation Controllers • Putting It All Together • Final Exam

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

	<ul style="list-style-type: none"> ○ CalWEP Water Efficiency Framework Toolkit ● Approve AWE Chapter Agreement ● Appoint CalWEP Representative to AWE Board ● Approve Draft Listening Tour Report <ul style="list-style-type: none"> ○ <i>Presentation by Susan Thornhill, Thornhill Associates</i> ● Executive Director's Report <p>The next meeting is scheduled for December 12th and will be hosted by MWDOC.</p>
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PUBLIC/GOVERNMENT AFFAIRS

Member Agency Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> ● Provided City of San Clemente with information and contacts for MET 365 campaign collateral ● Facilitated a Ricki Raindrop appearance at Westminster's <i>Dia de la Familia</i> on September 8 ● Provided an update of PA programs at the monthly WUE meeting ● Working with City of Westminster staff and the Wyland Foundation to host a special event announcing the City as the 2018 National Mayor's Challenge winner, and winner of the MWDOC/Wyland Pocket Park ● Submitted requests to Metropolitan for teams within the MWDOC service area interested in participating in the 2019 Solar Cup ● Prepared and distributed a workshop interest survey to the PAW group ● Heather provided a legislative update to the water use efficiency working group
Community Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> ● Coordinated speaking engagement at San Juan Capistrano Rotary Club for Director Schneider ● Are coordinating a Ricki Raindrop appearance at OC Coastkeeper's <i>Coastal Cleanup Day</i> on September 15 in Huntington Beach
Education	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> ● Met with Inside the Outdoors (ITO) and Hashtagpinpoint (#P) representatives for education program promotion and social media strategy planning ● Met with ITO educators to review and update presentation content and resources for upcoming school year ● Coordinated logistics with LBCWD and Nix Nature Center to host November Girl Scout Patch clinic ● Worked with Member Agencies to create custom slides for 2018-19 school presentations ● Finalized and created promotional materials for 5 Girl Scout Patch program clinics

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

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



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, September 20, 2018 from 8:00 am to 11:30 am.

DRAFT AGENDA

1. OC Water Reliability Study Workshop (Separate attachment)
2. Report Items:
 - 2-1. March GM Report 2
 - 2-2. Legislative Reports 19
 - 2-3. WEROC Matrix 55
 - 2-4. Grant Funding Opportunities 57

3. Reminders

3-1. MWDOC Policy Dinner..... October 11, 2018

4. Next meeting will be held October 18, 2018.

Breakfast will be provided during the meeting.

Remember to sign-in & out for Contact Hours

**LOCAL AGENCY FORMATION COMMISSION
ORANGE COUNTY**

2677 North Main Street, Suite 1050
Santa Ana, CA 92705
(714) 640-5100 ♦ FAX (714) 640-5139

REGULAR MEETING AGENDA

**Wednesday, September 12, 2018
8:15 a.m.**

**Planning Commission Hearing Room
Hall of Administration
333 W. Santa Ana Blvd.
10 Civic Center Plaza, Santa Ana, CA 92701**

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 DAVERT**
- 3. ROLL CALL**
- 4. ANNOUNCEMENT OF SUPPLEMENTAL COMMUNICATION
(Received After Agenda Distribution)**
- 5. APPROVAL OF MINUTES**
 - a.) August 8, 2018 – 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.) Interim Legislative Report (September)

The Commission will receive an interim report on legislation of LAFCO interest for the current legislative session and consider adopting a position on proposed legislation.

8. PUBLIC HEARING

a.) Focused Municipal Service Review for the City of San Juan Capistrano Water and Wastewater Utility (MSR 16-03)

The Commission will receive the Focused Municipal Service Review for the City of San Juan Capistrano Water and Wastewater Utility Systems and consider adoption of the statement of determinations, as required by state law, for each of the agencies reviewed in the report. Pursuant to the California Environmental Quality Act (CEQA), the Commission will consider the approval of a Notice of Exemption for this project.

9. COMMISSION DISCUSSION AND ACTION

None

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

None

13. CLOSED SESSION

None

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
MANAGEMENT COMMITTEE

AGENDA
September 10, 2018
1:30 – 3:00 p.m.

City of Laguna Hills, Community Center
25555 Alicia Parkway
Laguna Hills, CA 92653
Heritage Room A



Shaun Pelletier

City of Aliso Viejo

Lisa Zawaski

City of Dana Point

Mary Vondrak

City of Laguna Beach

Ken Rosenfield

City of Laguna Hills

Hal Ghafari

City of Laguna Niguel

Moy Yahya

City of Laguna Woods

Devin Slaven

City of Lake Forest

Joe Ames

City of Mission Viejo

Hazel McIntosh

City of Rancho Santa Margarita

David Rebensdorf

City of San Clemente

Hossein Ajideh

City of San Juan Capistrano

Grant Sharp

County of Orange

Dennis Cafferty

El Toro Water District

Mark Tetteimer

Irvine Ranch Water District

Rodney Woods

Moulton Niguel Water District

Charles Busslinger

Municipal Water District of OC

Dan Ferons

Santa Margarita Water District

Rick Shintaku

South Coast Water District

Betty Burnett

South OC Wastewater Authority

Michael Perea

Trabuco Canyon Water District

David Youngblood

Laguna Beach County Water District

- 1. Welcome & Introductions**
Group

- 2. Proposition 1 IRWM Grant Planning & Schedule**
Jenna Voss, County of Orange & Group
 - a) Conceptual PSP & Application Process**
 - b) Grant Schedule (Conceptual)**
 - c) Consultant Support**
 - d) Ad Hoc Review Team**
 - e) Scoring Methodology**

- 3. Update on the IRWM Project Development Framework**
Jenna Voss, County of Orange

- 4. Check-in: IRWM Plan Local Approval Process**
Group

- 5. Updates on Current Activities & Projects (As Needed)**
Group Discussion

- 6. Next Executive Committee Meeting: November 1, 2018**
Next Management Committee Meeting: October 1, 2018

- 7. Closing and Adjourn**

REGIONAL UPDATE

SOUTH ORANGE COUNTY WATERSHED MANAGEMENT AREA MANAGEMENT COMMITTEE

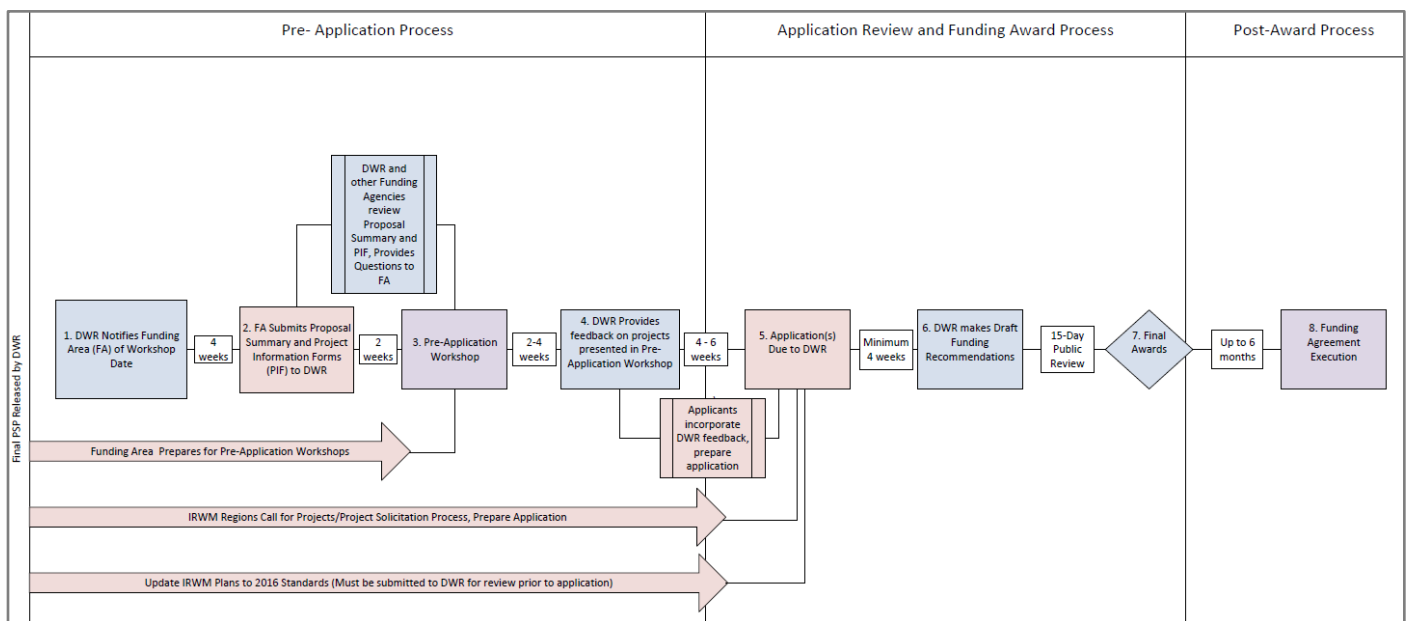


1. Proposition 1 IRWM Grant Planning & Schedule

County staff will provide an update at the September 10th meeting on the conceptual Proposition 1 IRWM Grant application process proposed by DWR with an overview of the anticipated schedule for SOCWMA.

a) Conceptual PSP & Application Process

DWR has produced a conceptual Proposal Solicitation Package (PSP) for the first round of IRWM Implementation Grant funding for the purposes of garnering input from IRWM Regions throughout the State through the Roundtable of Regions. The conceptual PSP will be more thoroughly discussed at the September 10th meeting; however, a flow chart of the anticipated grant application process from DWR is included below (and attached in larger format at the end of this document). The proposed process differs considerably from previous grant rounds.



b) Grant Schedule (Conceptual)

DWR has released with the conceptual PSP a schedule, allocating rough periods of time each of the application steps would take (please see flow chart above and attached); however, these times are interdependent with the release date of the draft PSP (expected in late September). If DWR is delayed, the expectation is that they will move the schedule out accordingly. A more detailed summary of the schedule and an associated Gantt chart will be provided at the September 10th meeting for discussion.

Grant Process Task	Start	Finish
Call for Projects	October 2018	November 2018
Project Eligibility Review (County staff)	November 2018	
Convene MC Ad Hoc – Series of Meetings for Project Review & Project Proponent Coordination	November 2018	December 2018
MC Meeting: Ad Hoc Recommendation & Discussion	Early January 2019	
MC Meeting: MC Recommendation (Final)	Early February 2019	
Stakeholder Workshop	Mid-February 2019	
EC Meeting: Review MC Ad Hoc, MC and Stakeholder Recommendations & Approve Slate	Early March 2019	
Write Proposal Summary (PS) and Project Information Forms (PIFs) (4 weeks)	March 2019	April 2019
Submit PS and PIFs to DWR (2 weeks prior to workshop presentation of slate)	Early April 2019	
DWR Funding Area Workshop*	Late April 2019	
Receive DWR Feedback (expected: 2-4 weeks)	May 2019	
EC Meeting: Final Approval of Project Slate	Early June 2019	
Grant Application Submittal	July 2019	

*Workshop must be coordinated with all IRWM Regions within a Funding Area – we are coordinating with the Tri-FACC to select a workshop date that aligns best with all three IRWM regions’ governance structures for approval of project slates.

c) Consultant Support

Consultant support is needed for the upcoming Proposition 1 IRWM Implementation Grant; there was budget carried over from FY 2017-18 available to utilize. County staff recommend utilizing consultant support for Committee and Ad Hoc meetings associated with the project selection and grant application processes.

In addition to grant application and project selection support, County staff recommends programmatic support from a consultant team to help manage IRWM Plan programs and project planning. More information will be provided to the committee at the September 10th meeting, including a scope for consultant services.

d) Ad Hoc Review Team

According to the current proposed Proposition 1 IRWM Grant schedule included above, the Management Committee will need to make a recommendation for formation of a Project Review Ad Hoc at the September 10th meeting and start convening meetings of that group in November. The Ad Hoc should represent an even balance of city and water agency staff, and of areas of expertise (e.g. for review of Natural Resource and Flood Risk Management objectives).

e) Scoring Methodology

County staff have developed a procedure for scoring and ranking projects submitted for Proposition 1 IRWM Grant fund consideration. The process reflects the scoring methods utilized for the 2015 Proposition 84 Grant round, with modifications reflective of changes made to the IRWM Plan Goals and IRWM Grant guidelines, and to automate portions of the analysis to reduce the burden of iterative updates. Key to the proposed process, project proponents will be required to answer questions about the impact of project benefits and the strategies used; this is reflective of the process utilized in previous grant rounds. Utilizing these metrics, projects would be compared against one another using relative rankings and weighted based upon the approved goal and objective weights in the IRWM Plan.

The committee will review and approve of the scoring process at the September 10th meeting, in preparation for an October-November Call for Projects.

2. Update on the IRWM Project Development Framework

As was presented at the May Management Committee meeting, County staff initiated development of a project coordination framework to support regional project planning. Per Executive Committee direction from the 2015-16 Strategic Visioning process, the framework is intended to provide high-level guidance and outside-the-box thinking on how stakeholders in South Orange County can better coordinate or collaborate on projects in the region to meet water resource priorities. As was noted during the visioning process, the IRWM Group has a long-standing record of coordinating on projects, both within the context of IRWM and as individual agencies; however, the goal is to develop a robust project database inclusive of projects at various levels of development to better match project concepts with water resource needs and to find project partners. The ultimate goal is for the IRWM Group to have access to a database of projects throughout South Orange County to both meet the identified priorities of the IRWM Plan, and to assist long-term achievement of water supply reliability, water quality, natural resource and flood risk management goals on a regional scale.

The IRWM Project Development Framework is not intended to produce projects for IRWM Grant funding consideration only; the resulting database of projects should build upon the IRWM Project List to include project concepts, identification of priority areas/issues in need of project ideas/locations, and for stakeholders to have a forum for coordinating on projects within the same geographic area. The attached memo considers input from several stakeholders; including, Management Committee members, potential funders (OCTA), non-profits (Laguna Canyon Foundation, CalTrout), and agencies responsible for infrastructure and open space resources (OC Flood, OC Parks). Additionally, the memo is intended to be a conversation-starter for the Management Committee to consider and advise the Executive Committee on a path forward to encourage formation of project-based stakeholder groups, and development of a robust project list.

The Executive Committee has approved budget allocation for implementation of the Framework. We will further discuss the memo at the September Management Committee meeting. Management Committee members will be asked to provide guidance to County staff on next steps for implementation.

3. Check-in: IRWM Plan Local Approval Process

SOCWMA Member Agencies are in the process of taking the 2018 IRWM Plan to their respective governing bodies for adoption. Adoption of the IRWM Plan is a requirement for the Member Agencies and any other group requesting IRWM Grant funding. As a reminder, County staff intends on submitting the 2018 IRWM Plan to the Department of Water Resources (DWR) for compliance review in October, in anticipation of Proposition 1 IRWM Grant application process starting in late fall, early winter 2018. Please provide [Jenna Voss](#) and [Iris Corpus](#) your agency's adoption resolutions, if you have not done so already. If you have yet to take the plan to your governing body, please also notify County staff of the anticipated/confirmed date the item will be heard.

We have also received one letter of support from the Pacific Marine Mammal Center that will be attached to the 2018 IRWM Plan.

4. Updates on Current Activities & Projects (As Needed)

Management Committee members will be asked as part of this discussion to provide updates on agency projects, as applicable. Going forward, County staff recommend that this item be utilized to provide updates on the IRWM Project List, Project Framework and agency updates.

5. Next Executive Committee Meeting: November 1, 2018 Next Management Committee Meeting: October 1, 2018

County staff propose that the Management Committee meetings be held quarterly, with the exception of high demand periods (i.e. IRWM Grant applications) and Ad Hocs. This change would take effect the start of 2019. For approval of Executive Committee meeting agendas and other items in between meetings, County staff recommend either online voting (e.g. Doodle Poll) or brief webinar meetings. The Management Committee will be asked to approve the recommended change at the September meeting.

The November Executive Committee meeting agenda is under development; however, confirmed items include proposed meeting dates for 2019, consideration of the San Juan Basin Authority request to be added as a Member Agency, and an update on the Proposition 1 IRWM Grant process.



Executive Committee Meeting

Tuesday, September 4, 2018

7:30 a.m.

Municipal Water District of Orange County Conference C-3

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

Executive Committee

President

Hon. Jim Fisler
Mesa Water District

1st Vice President

Hon. Sandra Jacobs
Santa Margarita Water District

2nd Vice President

Hon. Mark Monin
El Toro Water District

3rd Vice President

Hon. Mary Aileen Matheis
Irvine Ranch Water District

Secretary

Hon. Doug Davert
East Orange County Water District

Treasurer

Hon. Joan C. Finnegan
*Municipal Water District of
Orange County*

Past President

Hon. Mike Scheafer
Costa Mesa Sanitary District

Staff and Administration

Heather Baez

*Municipal Water District of Orange
County*

Sylvia Prado

*East Orange County Water
District*

I. Welcome

II. Approval of Minutes

- Consider approval of the minutes for the August 7, 2018 meeting

III. Public Comments

IV. Old Business

V. New Business

- ISDOC Representation on the Operating Area Executive Board
 - Discussion and possible action on ISDOC representation to the OA Executive Board (Orange County Emergency Management) (See Attachment A)

VI. Treasurer's Report – Joan Finnegan

- Receive, discuss and file September 4, 2018 Treasurer's Report.

VII. CSDA Report – Bill Nelson/Arlene Schafer

- Receive, discuss and file the CSDA report.

VIII. LAFCO Report – Doug Davert

- Receive, discuss and file the LAFCO report.

IX. ACWA Report – Sandra Jacobs

- Receive, discuss and file the ACWA report.

X. OCCOG Report – Mike Scheafer

- Receive, discuss and file OCCOG report.

XI. Subcommittee Reports

- **Program (Sandra Jacobs)**
 - Discuss programs and speakers for upcoming October 25th quarterly membership meeting
- **Membership (Mark Monin)**
- **Legislative (Mary Aileen Matheis)**
 - Discuss and consider taking action on proposed legislation of interest to Special Districts.

XII. President and Committee Member Announcements and Comments

XIII. Adjourn

Next Executive Committee Meeting: Tuesday, October 2, 2018

Next ISDOC Quarterly Meeting: October 25, 2018

Agency	District Type*	ISDOC	LAFCO	CSDA	WEROC****	Represented BY	
						To OA Board	During Event
Buena Park Library District	Library	X	X	X	NA		
Capistrano Bay Community Services District	Community	X	X	X	NA		
Costa Mesa Sanitary District	Water	X	X	X	X	WEROC	WEROC
County Service Area 13 – La Mirada** (Sewer)	Countywide	D	X	D	NA	County	County
County Service Area 20 – La Habra** (Sewer)	Countywide	D	X	D	NA	County	County
County Service Area 22 – East Yorba Linda** (Parks)	Countywide	D	X	D	NA	County	County
County Service Area 26 – OC Parks** (Parks)	Countywide	D	X	D	NA	County	County
Cypress Recreation & Park District (City of Cypress)	Recreation	D	X	D	NA	Cypress	Cypress
East Orange County Water District	Water	X	X	X	X	WEROC	WEROC
El Toro Water District	Water	X	X	X	X	WEROC	WEROC
Emerald Bay Community Services District	Community	X	X	X	NA		
Garden Grove Sanitation District (Solid Waste- City Managed)	Trash	D	X	D	NA	Garden Grove	Garden Grove
Irvine Ranch Water District	Water	X	X	X	X	WEROC	WEROC
Laguna Beach County Water District (Shared Council w/City)	Water	D	X	D	X	WEROC	WEROC
Mesa Water District	Water	X	X	X	X	WEROC	WEROC
Midway City Sanitary District	Water	X	X	X	X	WEROC	WEROC
Moulton Niguel Water District	Water	X	X	X	X	WEROC	WEROC
Municipal Water District of Orange County	Water	X	X	X	X	WEROC	WEROC
Orange County Cemetery District	Countywide	X	X	X	NA		
Orange County Mosquito and Vector Control District	Countywide	X	X	X	NA		
Orange County Sanitation District	Water	D	X	D	X	WEROC	WEROC
Orange County Water District	Water	X	X	X	X	WEROC	WEROC
Placentia Library District	Library	X	X	X	NA		
Rossmoor Community Services District	Community	X	X	X	NA		
Rossmoor-Los Alamitos Area Sewer District	Water	X	X	X	R	WEROC	WEROC
Santa Margarita Water District	Water	X	X	X	X	WEROC	WEROC
Serrano Water District	Water	X	X	X	X	WEROC	WEROC
Silverado-Modjeska Parks and Recreation District	Recreation	X	X	X	NA		
South Coast Water District	Water	X	X	X	X	WEROC	WEROC
Sunset Beach Sanitary District	Water	X	X	X	R	WEROC	WEROC
Surfside Colony Community Services Tax District	Community	X	X	X	NA		
Surfside Colony Storm Water Protection Tax District	Flood	X	X	X	X		
Three Arch Bay CSD***	Community	?	X	X	NA		
Trabuco Canyon Water District	Water	X	X	X	X	WEROC	WEROC
Yorba Linda Water District	Water	X	X	X	X	WEROC	WEROC

*as designated on the OC LAFCO website

**Tax districts managed by county; PDF Budget Page Avail

***Couldn't find much. Basically a gated community.

****WEROC will always rep. Water & Wastewater regardless of Signature. Looking to reach out to those who should maybe be signatories.

D = Dependent District

R = Agencies WEROC is outreaching with to become signatory; WEROC will support regardless



ISDOC Executive Committee
August 7, 2018

Minutes

I. Welcome

President Jim Fisler called the meeting to order at 7:30 a.m.

Committee Members Present:

Jim Fisler, President (Mesa WD/LAFCO)
Saundra Jacobs, 1st Vice-President (SMWD)
Mark Monin, 2nd Vice-President (ETWD)
Mary Aileen Matheis, 3rd Vice President (IRWD)
Doug Davert, Secretary (EOCWD)
Joan Finnegan, Treasurer (MWDOC)
Mike Scheafer, Past President (CMSD)
Committee Members Absent: None

Others Present:

Bill Nelson (CSDA/OCCD)
Arlene Schafer (CSDA)
Charley Wilson (LAFCO/SMWD)
Cheryl Brothers (LAFCO/City of Fountain Valley)
Larry Dick (MWDOC)
Al Nederhood (YLWD)
Carolyn Emery (LAFCO)
Debra Kurita (LAFCO)
Jim Leach (SMWD)
Heather Baez (MWDOC)
Stacy Taylor (Mesa Water)
John Lewis (Lewis Consultants)
Peter Whittingham (Whittingham Public Affairs Advisors)
Lisa Ohlund (EOCWD)

II. Minutes

1. The minutes from the July 10, 2018, meeting of the Executive Committee were reviewed. Upon a motion by Past President Schaefer and second by Treasurer Finnegan, the minutes were unanimously approved.

III. Public Comments:

2. None.

IV. Old Business:

1. LAFCO Dues – President Fisler announced that a legal opinion was being sought regarding the current and proposed LAFCO dues and will present more information at an upcoming meeting.

V. New Business:

1. LAFCO – Lisa Ohlund presented information regarding a draft letter to LAFCO regarding proposed changes to several policies and procedures and the proposed LAFCO FY 18/19 Workplan. The letter has been submitted for the August 8, 2018 Commission Meeting jointly on behalf of several Special Districts. Discussion ensued regarding the request by the Special Districts to defer action on the two items and meet with the Special Districts to discuss our concerns.
2. Recognition of Phil Anthony and Appointment to OCCOG Vacant Position – President Fisler relayed Mr. Anthony’s biography to the group and expressed his sorrow at his passing. Past President Scheafer was appointed to fill the vacancy with Treasurer Finnegan as the alternate.

VI. Treasurer’s Report – Joan Finnegan

1. After payment of the expenses, the bank balance as of 6/1/18 is \$11,267.49.

VII. California Special Districts Association (CSDA) Report – Bill Nelson & Arlene Schafer

1. New Liquidity Fund Joins CalTRUST Offerings: CalTRUST, CSDA’s Endorsed Affiliate, is offering members a new investment fund option. As of July 2, the new CalTRUST Liquidity Fund officially opened, with features including:
 - i. Stable net asset value (NAV)
 - ii. Same day liquidity
 - iii. 60-day maximum duration

This new fund joins CalTRUST’s four existing options – short and medium-term funds, money market fund, and government fund. Over 135 California special districts and other public agencies look to CalTRUST for safety, liquidity, and maximized yields.

2. CSDA Conference – The conference will be held September 24-27, 2018 in Indian Wells; it was noted that the professional development program has programs for Directors.

VIII. Local Agency Formation Commission (LAFCO) Report – LAFCO Commissioner Doug Davert

LAFCO Commissioner Davert noted the following:

1. The next Commission Meeting is scheduled for Wednesday, August 8th at 8:15 a.m. in the Planning Commission Hearing Room at the County Hall of Administration

2. The Commission will honor Commissioner Withers' Public Service
3. FY 18/19 Workplan - The Commission will discuss and consider approval of the proposed LAFCO 2018/19 Workplan. The Orange County City Manager's Association (OCCMA) has removed their previous concerns regarding the Workplan; the Special Districts' group has requested an extension.
4. Policies and Procedures Update – The Commission will discuss and consider approval of updates to the Policies and Procedures. Some of the changes recommended by the and the Special Districts' group were incorporated into the proposed revisions. The Special Districts' group has requested an extension.

IX. Association of California Water Agencies (ACWA) – 1st Vice President Sandra Jacobs

1. Fall Conference will be held November 27-30, 2018 in San Diego.
2. Water Bond (Proposition 3) on the November Ballot; \$8+ Billion; ACWA supports.
3. ACWA Webinar: Long-Term Water Use Efficiency – ACWA held the webinar that detail the known requirements of the legislation; much still to be developed. Implementation targeted for November 2023.
4. Region 10 Membership Meeting is being planned for October at Lake Mission Viejo; the subject will be innovation.

X. OCCOG Report

None.

XI. Subcommittee Reports

1. Program – 1st Vice President Sandra Jacobs
1st Vice President Jacobs noted that she is working on a speaker for the October luncheon.
2. Membership – Mark Monin:
2nd Vice-President Monin reported that he has confirmed two new Associate Members: Redwine & Sherrill and Bootwell and Faye; the Committee expressed their appreciation for his diligence.
3. Legislative – No report.

XII. President and Committee Member Announcements and Comments:

1. Treasurer Finnegan noted that the Celebration of Life for Phil Anthony will be held at the Rose Center on August 19, 2018 at 4:00 p.m.
2. Larry Dick noted that the Urban Water Institute Annual Conference will be held in San Diego from August 22-24, 2018 and will include a session on the proposed water bond (Proposition 3).

XIII. The meeting was adjourned in memory of Phil Anthony at 8:56 a.m.; the next Executive Committee Meeting will be held on Tuesday, September 4, 2018 at 7:30 a.m.



AGENDA

Friday, September 7, 2018
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
www.mwdoc.com/waco

Officers

Chair
Hon. Jose Vergara
El Toro Water District

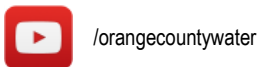
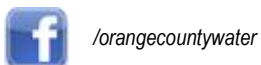
Vice Chair
Hon. Jim Atkinson
Mesa Water District

Staff Contacts

Alicia Dunkin
Orange County Water District

Heather Baez
Municipal Water District of Orange County

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Facebook, Twitter, and YouTube!



Pledge of Allegiance

Announcements & Introductions

- Jose Vergara, El Toro 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

Program: Potential New Water Supplies – Part 1

- John Kennedy, Executive Director of Engineering and Water Resources, Orange County Water District

Adjourn

Next WACO Meeting

Friday, October 5, 7:30 a.m. @ OCWD/MWDOC Joint Boardroom

Next WACO Planning Committee Meeting

Date TBD, 7:30 a.m. @ MWDOC 101



WACO Planning Committee
Tuesday, September 18, 2018
7:30 A.M.

AGENDA

Feedback of September 7 program

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
www.ocwd.com/news-events/events/waco

Officers

Chair

Hon. Jose Vergara
El Toro Water District

Vice Chair

Hon. Jim Atkinson
Mesa Water District

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Heather Baez
Municipal Water District of Orange County

- 1) New Potential Water Supplies, Part 1
 - o John Kennedy, OCWD

Items to report

- 1) October 5: New Potential Water Supplies, Part 2
 - o Speaker: Karl Seckel, MWDOC (confirmed)
- 2) WACO committee list

Discussion Items

- 1) Meeting schedule
 - 2018 planning meetings
 - 2019 planning meetings and WACO meetings
- 2) Potential future meetings
 - The Truth about Bottled Water
 - o Michael Cervin, author of Our World of Water, writer on www.bottledwaterweb.com (invited)
 - o JPL chemist
 - New Potential Water Supplies - Water Retailer Perspective
 - o 1 speaker, 2 speakers or panel
 - Water Quality of Water Lost to Ocean
 - AWWA Standards for Non-revenue Water

Adjourn



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AGENDA

Quarterly Utility Coordination Meeting
Wednesday, August 29, 2018 – 10:00 A. M. - 11:00 A. M.
City of Lake Forest City Hall
El Toro Conference Room (1st Floor)

1. Introductions
2. City Projects (Taylor Abernathy)
 - a. Santiago Canyon Road Safety Improvements
 - Current Status – County Lead Project, Anticipate Construction Summer 2019
 - b. Traffic Signal Civic Center and Commercentre Drive
 - Current Status – Design Finalized, Anticipate Construction Spring 2019
 - c. Bake Parkway and Toledo Way Reclaimed Water Project
 - Current Status – Construction pending CM approval of contract
 - d. Ridge Route Landscaping Phase 3
 - Current Status – Pending Award
 - e. ADA Access Ramps Phase 11
 - Scope of Work - Modification of ramps for ADA compliance
 - Current Status – Under Construction
 - f. Portola Park
 - Current Status – Finalizing Design, Anticipate bidding in November 2018
 - g. I-5 Interchange Signs
 - Current Status – In Design, Anticipate Construction end of 2018
 - h. Raised Median Improvements and Repairs
 - Current Status – In Design, Anticipate Construction end of 2018
 - i. Bake Parkway Trabuco/ Irvine (Ultimate)
 - Current Status – In Design, Anticipate Design and R/W by end of FY18/19; Construction TBD
 - j. El Toro Road and Portola/ Santa Margarita
 - Current Status – Receiving Proposals from Consultants, Anticipate Design and R/W by end of FY18/19; Construction TBD
 - k. 7 Year Street Overlay / Slurry Program - (Taylor Abernathy)
 - Next Slurry Seal Zones:
 - Zone B (FY18-19)
 - Zone C (FY19-20)
 - Zone G (FY20-21)
 - l. 7 Year Street Overlay / Slurry Program - (Taylor Abernathy)
 - Resurfacing Project Locations:
 - i. Slurry Seal Zone B – Anticipate Construction (Fall 2018)
 - Upcoming Resurfacing Project Locations:
 - i. Portola Parkway (within Caltrans R/W @ SR-241) (Spring 2019)

- ii. Dimension Drive (Bake to Lake Forest) (Spring 2019) – Finalizing Design
 - iii. Civic Center Drive (Commercentre to New City Hall) (Spring 2019)
 - m. Civic Center Planning (Doug Erdman)
 - Rough Grading complete
 - Parking Deck complete
 - Civic Center Drive Improvements – In construction
- 3. Development Activity in Lake Forest (Doug Erdman)
 - a. Portola Center (930 total homes)
 - Northwest – (81 Lots) – Grading, Streets, Model Homes
 - South – (626 Lots) - Grading, home building
 - Northeast – (223 Lots) - Grading
 - Street Improvements – Sidewalks, Curb/Gutter, GRR Medians
 - b. Shea Baker (2,392 homes total) –Six tracts under construction
 - c. Parkside – Under Construction of three tracts (Arlington – 64 homes, Madison – 53 homes, and Lexington – 70 homes)
 - d. Encanto (Commercentre and Alton) – substantially complete
 - e. *Serrano Summit – Phase 1 Rough Grading under construction*
 - f. *Peachwood is now called Teresina - Grading*
 - g. ~~Future Development~~
 - ~~Serrano Summit – Phase 1 Rough Grading under construction~~
 - ~~Peachwood is now called Teresina –grading~~
- 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 (Dave Rogers)
 - a. Use of WATCH Manual or Joint Utilities Manual requires submitting location map and plan number(s) to be used
- 6. Sidewalk Inspection / Utility Lids (Sal Quinones)
 - a. Damaged utility lids identified in sidewalk hazard inspection.
Public Works Inspector to coordinate with utilities on replacements

7. Pavement Moratorium (Taylor Abernathy)

- 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), and
 - iii. Zone E (4/5/2018)
 - 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) (FY 2014) – *calendar year*
 - v. El Toro Road (Bridger to I-5) (FY 2014) – *calendar year*
 - vi. Rockfield (El Toro to Lake Forest) (11/2013)
 - vii. Lake Forest Drive (Dimension to Rancho) (11/2013)

8. Status reports on projects from utility companies; new projects/project updates

- a. **AT&T** – *not present*
- b. **COX Communications** – *not present*
- c. **El Toro Water District** – *Coordination of water to fill pond at Veteran's Park*
- d. **Irvine Ranch Water District** – *Provided Addendum Nos. 4, 5, 6, and 7. Inquired to status of Addendum No. 8. Any questions for Serrano Summit can be coordinated with Belsario. Upcoming Encroachment Permits: Elderwood SS replacement, Bake/Toledo, Sports Park conversion of recycled water to domestic*
- e. **Southern California Gas Company** – *Have upcoming work in Zone B, send Andrew Alday all streets within the zone. Upcoming Encroachment Permits: Resubmit DCU Annual, permit has expired, valve project*
- f. **Southern Calif. Edison Company** – *Civic Center: ordered panel as of Monday, 4 weeks for approved final plans, should not hold up current construction. Upcoming Encroachment Permits: 25 Transmission Poles remove and replacement project along Bake from Jeronimo to Trabuco (work hours have been discussed to allow 9 am to 3 pm and Saturday work)*
- g. **Trabuco Canyon Water District** – *via email: Upcoming projects: Ridgeline pump station upgrade (in design now; construction to start in Jan.); Saddlecrest reservoir and pump station construction (by developer); dimension entrance*

*improvements (will be added to City's reconstruction project at Dimension);
Santiago pipeline should be completed by Sept. 10th.*

6. Next Meeting (11/28/18) at 10:00 a.m.

DATES TO REMEMBER
SEPTEMBER/OCTOBER 2018

1. Sept 28 – 8:00 a.m. – TV-6 (Adjarian)
2. Sept 28 – DISTRICT OFFICE CLOSED
3. Sept 29 – Oct 3 – WEBTEC Conference (New Orleans) - (Goldman)
4. Oct 1 – 8:30 a.m. – MWDOC Planning/Operations Meeting
5. Oct 1 – 1:30 p.m. – SOCWMA Management Committee Meeting
6. Oct 2 – 7:30 a.m. – RRC Meeting
7. Oct 2 – 7:30 a.m. – ISDOC Executive Committee Meeting
8. Oct 3 – 8:30 a.m. – MWDOC/MET Directors Workshop
9. Oct 4 – 8:30 a.m. – SOCWA Board Meeting
10. Oct 5 – 7:30 a.m. – WACO Meeting
11. Oct 5 – 11:30 a.m. – Chair/GM Meeting
12. Oct 10 – 8:00 a.m. – LAFCO Meeting
13. Oct 10 – 8:30 a.m. – MWDOC Admin/Finance Meeting
14. Oct 12 – DISTRICT OFFICE CLOSED
15. Oct 15 – 8:30 a.m. – MWDOC Public Affairs Meeting
16. Oct 16 – 7:30 a.m. – Agenda Review
17. Oct 16 – 7:30 a.m. – WACO Planning Committee Meeting
18. Oct 17 – 8:30 a.m. – MWDOC Board Meeting
19. Oct 18 – 9:00 a.m. – ACWA Region 10 (Mission Viejo)
20. Oct 18 – 11:30 a.m. – WaterReuse Meeting (MNWD)
21. Oct 19 – 7:00 a.m. – Special Board Meeting
22. Oct 19 – 11:30 a.m. – Chair/GM Meeting

23. Oct 23 – 7:30 a.m. – Regular Engineering/Finance Committee Meetings
24. Oct 23 – 12:00 noon – South County Agencies Meeting
25. Oct 25 – 7:30 a.m. – Regular Board Meeting

26. Oct 25 – 11:30 a.m. – ISDOC Quarterly Luncheon
27. Oct 25 – 5:30 p.m. – SCWC Annual Meeting (Long Beach Hilton)
28. Oct 26 – 8:00 a.m. – TV-6 (Monin)
29. Oct 26 – DISTRICT OFFICE CLOSED
30. Oct 30 – 7:30 a.m. – RRC Meeting

Carry-Over Pending Matters

1. Cyber Security
2. System Vulnerability
3. Equipment Maintenance
4. Update District policies for contracting and purchasing. The goal is to document defensible, transparent, justifiable contracting and purchasing practices that are practical to implement.
5. Phase III Recycled Water Update
6. Emergency 60-day Water Supply Reliability Plan

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.

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.

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.

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.

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.

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

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.

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 30th 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.