

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



DENNIS P. CAFFERTY, 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**

**March 25, 2021**

**7:30 a.m.**

This Meeting is being conducted in accordance with Governor Newsom's Executive Order N-29-20 (Paragraph 3) and the conditions specified therein which waive certain provisions of the Brown Act.

In an effort to protect public health and prevent the spread of COVID-19 (Coronavirus), and in accordance with the Governor's Executive Order N-29-20, **there will be no public location for attending in person.**

The Order allows all Board Members to participate telephonically in the Meeting from remote locations. As such, Directors Gaskins, Freshley, Havens, Monin, and Vergara will be participating telephonically.

Members of the public who wish to comment on any item within the jurisdiction of the District or on any item on the agenda, may observe and address the Meeting by joining at this link: <https://us02web.zoom.us/j/84684224018>. (Meeting ID: 846 8422 4018). Members of the public who wish only to listen to the telephonic meeting may dial in at the following numbers (669) 900-6833 or (346) 248-7799 with the same Meeting ID noted above. Please be advised the Meeting is being recorded.



## **CALL MEETING TO ORDER – President Gaskins**

## **PLEDGE OF ALLEGIANCE – Director Havens**

## **ORAL COMMUNICATIONS/PUBLIC COMMENTS**

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

## **ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

Determine need and take action to agendize items 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**

1. Mr. Cafferty will recognize and congratulate Vicki Tanious, Senior Accountant/Payroll, for 5 years of service with the District.
2. Mr. Cafferty will recognize and congratulate Eric Wilson, Senior Mechanic, for 20 years of service with the District.

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

1. Mr. Cafferty will recognize and congratulate Daniel Lopez, Maintenance Worker I, for obtaining his State Water Resources Control Board T-2 Treatment Certification.
2. Mr. Cafferty will recognize and congratulate Roman Kociban, Crew Chief, for obtaining his State Water Resources Control Board D-5 Distribution Certification.
3. Mr. Cafferty will recognize and congratulate Vincent Coppola, Maintenance Worker II, for obtaining his State Water Resources Control Board D-5 Distribution Certification.
4. Mr. Cafferty will recognize and congratulate Will Wesson, Maintenance Worker II, for obtaining his Water Utility Science – Water Distribution Certificate from Santiago Canyon College.



5. Mr. Cafferty will recognize and congratulate Marisol Melendez, Customer Service Representative I, for obtaining her Associates Degree in Liberal Arts & Humanities from Golden West College.

## 1. **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)

- a. Consider approving the minutes of the February 25, 2021 Board meeting.

**Recommended Action:** The Board will be requested to approve the subject minutes.

## **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.

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

### **GENERAL MANAGER ACTION ITEMS**

3. **Resolution No. 21-3-2 Concurring in the Nomination of Jo MacKenzie to the California Special Districts Association Board of Directors, Southern Network, Seat A** (Reference Material Included)

The Board will consider concurring in the Vista Irrigation District's nomination of Jo MacKenzie to the California Special Districts Association Board of Directors, Southern Network, Seat A.

**Recommended Action:** Staff recommends that the Board consider adopting Resolution No. 21-3-2 which concurs with the Vista Irrigation District's nomination of Jo MacKenzie to the California Special Districts Association Board of Directors, Southern Network, Seat A.



RESOLUTION NO. 21-3-2

RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE EL TORO WATER DISTRICT  
CONCURRING IN THE NOMINATION of JO MACKENZIE  
TO THE CALIFORNIA SPECIAL DISTRICTS ASSOCIATION  
BOARD OF DIRECTORS, SOUTHERN NETWORK, SEAT A

**GENERAL MANAGER INFORMATION ITEMS**

**4. COVID-19 Update** (Reference Material Included)

Staff will provide an update on the status of the District response to the COVID-19 pandemic.

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

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

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

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

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

Staff and will review and comment on the Public Education and Outreach & Water Conservation Reports.

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

- a. SOCWA Board Meeting – March 4, 2021
- b. SOCWA Engineering Committee Meeting – March 11, 2021
- c. SOCWA Finance Committee Meeting – March 16, 2021

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

- a. MWDOC Planning/Operations Meeting – March 1, 2021
- b. MWDOC/MET Directors Workshop – March 3, 2021
- c. MWDOC Administration & Finance Committee – March 10, 2021
- d. MWDOC Board Meeting – March 17, 2021
- e. MWDOC Managers Meeting – March 18, 2021



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

- a. Report on the March 10, 2021 meeting.

**11. South Orange County Watershed Management Area (SOCWMA) Management and/or Executive Committee Report (Reference Material Included)**

- a. Report on the March 1, 2021 Management Committee meeting.
- b. Report on the March 4, 2021 Executive Committee meeting.

**12. Santiago Aqueduct Commission (SAC) (Reference Material Included)**

- A. Report On The March 18, 2021 SAC Meeting

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

- a. Report on the March 2, 2021 ISDOC Executive Committee meeting.

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

- a. Report on the March 5, 2021 WACO meeting
- b. Report on the March 16, 2021 WACO Planning Committee meeting

**15. City Coordination Meetings (Reference Material Included)**

- a. Report on the February 24, 2021 Lake Forest Quarterly Utility Coordination Meeting

**COMMITTEE AND GENERAL INFORMATION**

**16. Dates to Remember for March/April 2021 (Reference Material Included)**

**COMMENTS REGARDING NON-AGENDA ITEMS**

**ATTORNEY REPORT**

**CLOSED SESSION**

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

- 1. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (1) to consult with legal counsel and staff on a matter of pending litigation. *El Toro Water District v. Rossmoor Sanitation, Inc. et al and Does 1through 50 inclusive- Orange County Superior Court- Case No. 30-2020-01152257-CU-OR—CJC.*



2. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (1) to consult with legal counsel and staff on a matter of pending litigation. [Class Action] *Kessner et al. v. City of Santa Clara, et al. (Santa Clara County Superior Court - Case No. 20 CV 364054).*
3. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.9 (d) (1) to consult with legal counsel and staff on a matter of pending litigation. *The People of the State of California, acting by and through the Department of Transportation. Plaintiff, vs. Laguna Hills Investment Company, L.P., a Delaware Limited Liability Company, et al. inclusive of El Toro Water District and Does 1 through 20, inclusive. Defendants- Orange County Superior Court- Case No. 30-2020-01140132-CU-El-CXC.*

## **REGULAR SESSION**

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

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

### **ADJOURNMENT**

*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 REGULAR MEETING  
OF THE  
BOARD OF DIRECTORS  
OF THE  
EL TORO WATER DISTRICT  
February 25, 2021

President Gaskins called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order via Zoom at 7:30 a.m. on January 28, 2021.

Vice President Freshley led in the Pledge of Allegiance to the flag.

Committee Members MIKE GASKINS, KATHRYN FRESHLEY, MARK MONIN, JOSE VERGARA, and KAY HAVENS participated.

Also present were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, JASON HAYDEN, CFO, SCOTT HOPKINS, Operations Superintendent, BOBBY YOUNG, Principal Engineer, SHERRI SEITZ, Public Relations/Emergency Preparedness Administrator, GILBERT J. GRANITO, General Counsel, and POLLY WELSCH, Recording Secretary.

Oral Communications - Public Comments

President Gaskins 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.



### Items Received Too Late To Be Agendized

President Gaskins asked if there are any items that came to the attention of the District after the agenda was posted that require consideration and action at today's meeting. Mr. Cafferty replied no.

### 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.

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

#### Roll Call Vote:

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

### Director Reports for Meetings Attended

Director Havens stated that she attended the RRC meeting, a meeting with the General Manager regarding background information on SAC and SOCWA. She further stated that she attended SOCWA, WACO, LAFCO, the Urban Water Institute conference, WaterReuse, the MWDOC Water Policy Forum, all ETWD scheduled meetings, and she plans to attend the South Orange County Economic Coalition meeting.



Director Monin stated that he plans to attend the South Orange County Economic Coalition meeting. He further stated that he attended OCCOG, the MWDOC Water Policy Forum meeting, the ACWA Education Committee, WaterReuse, the Laguna Woods City Council meeting, OCWA, MWDOC Board meeting, MWDOC Admin/Finance meeting, WACO Planning, an EOC County meeting, and all ETWD scheduled Board meetings.

Director Vergara stated that he attended the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the South Orange County Agencies meeting, WACO, MWDOC Admin/Finance meeting, WACO Planning meeting, MWDOC Board meeting, OCWA, WaterReuse, South Orange County Economic Coalition, the MWDOC Water Policy Forum, and all of ETWD's scheduled meetings.

Vice President Freshley stated that she attended WACO, MWDOC/MET Directors workshop, MWDOC Water Policy Forum, the MWDOC Planning/Operations meeting, Agenda Review meeting, SOCWA Finance meeting, SOCWA Board meeting, RRC meeting, OCWA, ACWA Engineering Committee meeting, JPIA Sexual Harassment training, TV-6, Laguna Woods City Council meeting, OC LAFCO, the LAFCO Southern Regional meeting, and all ETWD scheduled meetings.

President Gaskins stated that he attended the MWDOC Planning/Operations meeting, ISDOC Executive Committee meeting, MWDOC/MET Directors workshop, President/VP/GM meetings, WACO, MWDOC Admin/Finance meeting, Cal Desal meeting, Agenda Review



meeting, MWDOC Board meeting, OCWA, WaterReuse, MWDOC Water Policy Forum, the Lake Forest City Council meeting, and ETWD's scheduled meetings.

#### General Manager Action Items

##### Call for Candidates – ISDOC Executive Committee 2<sup>nd</sup> Vice President Seat

Director Monin stated that several candidates were interested in the 2<sup>nd</sup> Vice President seat for the ISDOC Executive Committee. He further stated that Mr. Larry Dick stepped down creating a vacancy.

Mr. Cafferty stated that the District has not received any interested candidate information, but staff understands that Mr. Bob McVicker is interested in the seat.

##### Nomination of a Candidate to the California Special Districts Association Board of Directors, Southern Network – Seat A

Mr. Cafferty stated that the Southern Network, Seat A is open and asking for nomination of a candidate. He further stated that Jo MacKenzie is the incumbent and running again for this seat.

Mr. Cafferty stated that the ballots will sent out at the end of May, so we will agendize this item in June if the Board is ready to cast a vote.

#### COVID-19 Update

Mr. Cafferty stated that the pandemic is improving, but deaths continue daily.

President Gaskins asked for a Motion.



Motion: Vice President Freshley made a Motion, seconded by Director Havens and unanimously carried across the Board to grant the General Manager discretion to extend the use of Emergency Administrative Leave, as necessary up to 160 hours per employee per month, until the May 27, 2021 meeting of the Board of Directors.

Roll Call Vote:

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

Closed Session

At approximately 8:10 a.m. the Board went into Closed Session to discuss item #1 of today's Closed Session agenda, during which time the attorney of record, Ms. Jennifer Pancake, and General Counsel will review the matter. Also at this time, Ms. Cimorell, Mr. Hayden, Mr. Young, Ms. Seitz, Mr. Hopkins, and Ms. Welsch left the meeting.

Open Session Report

At approximately 8:20 a.m., the Regular session resumed. At this time Ms. Jennifer Pancake left the meeting. Also at this time, Ms. Cimorell, Mr. Hayden, Mr. Young, Ms. Seitz, Mr. Hopkins, and Ms. Welsch returned to the meeting.

Mr. Granito reported that the Board did indeed go into Closed Session at this point in the meeting only with regard to item #1 of today's Closed Session agenda, during which time the attorney of record, Ms. Jennifer



Pancake led a discussion on the status of this pending litigation, “Quiet Title Action”. No reportable action was taken.

Resolution No. 21-2-1 Concurring in the Nomination to the Executive Committee of the Association of California Water Agencies, Joint Powers Insurance Authority (JPIA)

President Gaskins asked for a Motion.

Motion: Vice President Freshley made a Motion, seconded by President Gaskins and carried across the Board 4-0 to adopt Resolution No. 21-2-1 which concurs with the Cucamonga Valley Water District’s nomination of Randall James Reed to the ACWA/JPIA Executive Committee.

Roll Call Vote:

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

Resolution No. 21-2-2 Concurring in the Nomination to the Executive Committee of the Association of California Water Agencies, Joint Powers Insurance Authority (JPIA)

President Gaskins asked for a Motion.

Motion: Vice President Freshley made a Motion, seconded by President Gaskins and carried across the Board 4-0 to adopt Resolution No. 21-2-2 which concurs with the San Bernardino Valley Water Conservation District’s nomination of Melody Henriques-McDonald to the ACWA/JPIA Executive Committee.



Roll Call Vote:

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

At approximately 8:25 a.m Director Vergara left the meeting.

General Manager Information Items

General Manager's Monthly Report

Mr. Cafferty stated that as President Gaskins noted the City of Lake Forest has engaged in a lengthy and detailed discussion about the concept of the Community choice aggregation approach to the procurement of electrical power within the city boundaries. He further stated that they had previously joined a Joint Powers Authority known as the Orange County Power Authority (OCPA).

Mr. Cafferty stated that the City Council voted 4-1 to withdraw from the OCPA until further discussion is had and to see what benefit it may be to them.

Director Monin stated that Irvine and Fullerton have already signed the OCPA and Brian Probolsky left the County and is leading the OCPA. He further asked what cities are involved in this. Mr. Cafferty replied that Irvine is leading this, and Fullerton participated, and Huntington Beach is considering it. Director Havens stated that Buena Park, Santa Ana, Fullerton, and Irvine are on the Board.



Vice President Freshley stated that the law requires SCE to offer programs for connecting electric vehicles, but if you are not one of their customers, you may not be able to participate in the rebate program.

Mr. Cafferty stated that we have a project coming up at the Plant to replace all of the diffusers in aeration basin #1. He further stated that this project is included in the budget, and is out to bid, and will likely be on the March agenda for approval.

Mr. Cafferty stated that the cost estimate from the design engineer made it apparent that we will have a budget issue. He further stated that this project has a seasonal component that will have to wait during the rainy season, and also there is a 3-month lead-time on the material.

Mr. Cafferty stated that the basin is currently out of service and creates a deficit in our reliability portfolio at the Plant. He further stated this project will give us the ability to reduce solids production and could save us a significant amount of money.

Mr. Cafferty informed the Board that staff will bring the contract to the Board in March and will add budget in the 2021/22 Capital Budget to supplement any budget deficit. Vice President Freshley and Director Monin voiced support for the strategy described by Mr. Cafferty.

Vice President Freshley asked what is happening with the battery report. Mr. Cafferty replied that the battery project is saving some money, but what we are paying for in the contract hasn't netted out to much benefit at this point. He further stated that Hybrid Electric Building Technology had to



reimburse us because the savings didn't equate to what we paid. Mr. Cafferty further stated that staff believes the information necessary to restore the monthly report to the Board will be available soon and staff will try to provide a report at the March Board meeting.

Director Monin reviewed the Customer Service report.

Vice President Freshley stated that there is a new law related to electrifying all transportation called the Clean Truck Rule, and it includes vehicles up to 8500 pounds by 2035.

### Legislative Reports

President Gaskins stated that MWDOC has incorporated the legislative reports into their MWDOC/MET Directors meeting.

Director Monin stated that during the MWDOC Admin/Finance meeting their lobbyist speaks about legislative issues.

Mr. Granito stated that there is a pending bill (SB 323) that is not included in the MWDOC Legislative reports. SB 323 is supported by ACWA and introduced and co-authored by Senator Caballero.

Mr. Granito stated that SB 323 would authorize a local agency or an interested person to bring a lawsuit (validation action) in a Superior Court to determine the validity of the fee or charge for water and/or sewer service. SB 323 would also require an interested party to bring the action within 120 days after the local agency adopts its rates.

Existing law presently allows lawsuits that seek refunds or seek invalidating the existing rate structures years after rates have been adopted



and collected. As such, SB 323 would contribute much to the financial stability of public agencies.

Mr. Cafferty stated that ACWA is putting together a coalition letter and has reached out to agencies to request their support and ETWD has responded in support of this bill. He further stated that ACWA is going to list all supporting agencies in the coalition letter.

Mr. Cafferty stated that SB 222 Water Affordability Assistance program is similar to the lifeline assistance for people that can't afford to pay their bill, but there has to be a way to fund this bill, because Prop 218 does not allow the District to offer a rate to people that others have to subsidize.

Mr. Cafferty stated that SB 223 addresses the discontinuation of Residential water service, which nobody is doing, as we are prohibited to do so by the Governor's Order. He further stated that SB 998 changed all the rules on discontinuing service, but did not have an opportunity to go into effect due to the pandemic.

Mr. Cafferty stated that CSDA has requested support for a Special Districts Provide Essential Services Act, which is an effort to get legislators to understand that Special Districts exist, and provide important services. He further stated that as all of the relief bills have been authored, they do not currently include Special Districts.

Mr. Cafferty stated that SB 361 addresses remote meetings which says that we all have been holding remote meetings for a year now based on the Governor's Order, but someday the pandemic will end and the Order will



be rescinded and the normal requirements of the Brown Act will be resumed. He further stated that this bill is suggesting that in the future in the event of an emergency where it would be unsafe for Board members to congregate to conduct normal meetings, that it provide an opportunity for remote meetings under certain conditions.

#### Public Education and Outreach & Water Conservation Reports

Ms. Seitz stated that in her report she added the number of rebates in a table from July 2020 to current for the devices, and for the turf the table shows June 2020 to December 2020. She further stated that it also shows the supplemental rebate that ETWD provides and the cost so far.

Ms. Seitz stated that there is one correction to the report, the water consumption comparison table calculations are incorrect, and the chart will be updated next month.

Director Havens stated that she is happy to see our website refreshed and updated to include a registration area for CAG. She further stated that MET has a new education provider. Ms. Seitz updated the website to include the free classes that MET offers on landscape and turf removal.

Director Havens stated that at the Urban Water Institute conference they called out a new term “precipitation whiplash” which covers climate type situations.

Ms. Seitz stated that we continue to message participants for the CAG meetings, and we are sending bill insert messages with the customer bills. She further stated that Director Havens will be doing a TV-6 interview on the



District update on COVID adaptability over the past year, the need to conserve water, and inviting participants to CAG.

Ms. Seitz stated that the Children's Water Education Festival has changed its name to the Orange County Youth Environment Summit which will be held virtually Monday, April 19<sup>th</sup> through Friday, April 23<sup>rd</sup>.

#### SOCWA Reports

Vice President Freshley stated that at the SOCWA Board meeting they discussed the agencies leadership and the member agencies need for SOCWA.

Director Havens stated that there was an update from the Procopio Firm on the progress to date on the JPA Revision and PC agreements.

Mr. Young stated that at the Engineering Committee meeting they discussed the budget, solids and liquids projections, and recent aeration basin bids.

Mr. Cafferty stated that at the Finance Committee meeting they discussed the SOCWA budget process and SOCWA's unfunded retirement liability.

#### MWDOC

Vice President Freshley stated that at the MWDOC Planning/Operations meeting they discussed the pricing of Raftelis and the actions they would be taking.

Director Monin stated that at the MWDOC/MET Directors workshop they discussed the local elected officials, the Vantage program throughout



California, water tax, the MET IRP plan, and San Diego's plans for getting water.

President Gaskins stated that Dennis Erdman is the MWDOC/MET Director now.

Director Monin stated that at the MWDOC Admin/Finance meeting they discussed grants tracking and an update by Soto Resources. He further stated that they talked about FEMA reimbursements, the WEROC building, and the budget.

Director Monin stated that at the MWDOC Board meeting they also discussed the Raftelis Rate Study.

Mr. Cafferty stated that at the MWDOC Managers meeting he asked what it would take to get MWDOC and WEROC to make a go or no-go decision on the WEROC building project, to which they replied they are waiting on their funding agencies.

Mr. Cafferty stated that they also carried over the budget discussion from the MWDOC Admin/Finance meeting, where Raftelis is preparing a Rate Study for MWDOC and are reviewing a number of rate options.

#### LAFCO

Vice President Freshley stated that at the LAFCO meeting they welcomed Peggy Huang from Yorba Linda as an alternate city member. She further stated that there were a lot of presentations on Personnel Policy, Records Retention, Emergency Paid Sick Leave, and a contract with Aldrich and Associates for a Professional Services Agreement.



Director Havens stated that there was also discussion on the Regional Housing Needs Assessment.

#### ISDOC

Director Monin stated that he would like to share resources with other Districts. He further stated that the quarterly luncheon will be discussing the John Wayne airport, the Yorba Linda Water District, and their website.

#### WACO

Director Monin stated that they discussed future topics, and there will not be a June meeting due to a water summit.

#### Committee and General Information

Director Monin stated that the bond market has increased rapidly and so the market is tanking.

#### Dates to Remember for February/March 2021

There were no comments.

#### Comments Regarding Non-Agenda Items

Director Havens stated that at the Urban Water Institute conference they discussed the issues in Texas and the California wildfires.

Mr. Cafferty stated that MET has a new water loss control program where they have a contractor who will go to a single family residence and perform a pressure regulator test, and if it is not performing properly, they will replace it at no cost to the customer.

#### Break

At approximately 10:10 a.m. the Board took a short recess. Also at



this time, Ms. Cimorell, Mr. Hayden, Mr. Hopkins, Mr. Young, Ms. Seitz, and Ms. Welsch left the meeting.

#### Attorney Report

At approximately 10:15 a.m. the Regular session resumed. Also at this time, Ms. Welsch returned to the meeting.

Mr. Granito reported that there is a need for a Closed Session today to discuss item #2 and item #3 of today's Closed Session agenda.

#### Closed Session

At approximately 10:20 a.m. the Board went into Closed Session as agendized on today's Closed Session agenda, and Ms. Welsch left the meeting.

#### Open Session Report

At approximately 10:25 a.m. the Board returned to Regular Session, and Ms. Welsch returned to the meeting.

Mr. Granito reported that the Board did go into Closed Session with regard to item #2 and item #3 of today's Closed Session agenda, and with regard to item #2 the Kessner Class Action, General Counsel led a brief discussion on the status of matters to date, and no further reportable action was taken.

Mr. Granito reported that with regard to item #3, the Cal Trans litigation that was initiated against the District for condemnation (eminent domain) of the District's easement. Mr. Granito reported that discussion was led by the General Manager on the status of that matter, and no further reportable action



was taken.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 10:30 a.m.

Respectfully submitted,

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POLLY WELSCH  
Recording Secretary

APPROVED:

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MIKE GASKINS, President of  
the El Toro Water District and the  
Board of Directors thereof

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DENNIS P. CAFFERTY, Secretary  
of the El Toro Water District and  
the Board of Directors thereof



RESOLUTION NO. 21-3-2  
RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE EL TORO WATER DISTRICT  
CONCURRING IN THE NOMINATION OF JO MACKENZIE  
TO THE CSDA BOARD OF DIRECTORS

WHEREAS, the California Special Districts Association (CSDA) is holding an election for its Board of Directors for the Southern Network, Seat A for the 021-23 term; and

WHEREAS, the El Toro Water District is a voting member of CSDA and a voting member of the Southern Network; and

WHEREAS, the incumbent, Jo MacKenzie, of the Vista Irrigation District is seeking re-election for this position; and

WHEREAS, Jo MacKenzie has been involved with the CSDA Board since 2003 and has served in a wide variety of roles including Board President in 2011, Vice President in 2010, and Treasurer in 2008 and 2009; and

WHEREAS, the Board of Directors of the El Toro Water District believe that Jo MacKenzie is an effective leader on the CSDA Board.

NOW, THEREFORE BE IT RESOLVED, that the Board of Directors of the El Toro Water District does concur in the nomination of Jo MacKenzie to represent the Southern Network, Seat A on the CSDA Board of Directors; and

BE IT FURTHER RESOLVED that the District Secretary is hereby directed to transmit a copy of this Resolution to the attention of the Board Secretary of the Vista Irrigation District at 1391 Engineer Street, Vista, CA 92081, or email [Lsoto@vidwater.org](mailto:Lsoto@vidwater.org) forthwith.

ADOPTED, SIGNED AND APPROVED, this 25<sup>th</sup> day of March 2021.

ATTEST:

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DENNIS P. CAFFERTY, Secretary  
El Toro Water District and of  
The Board of Directors thereof

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MIKE GASKINS, President  
El Toro Water District and of  
the Board of Directors thereof





## ***CONCURRING RESOLUTION REQUEST***

### **Re-ELECT JO MacKENZIE TO CSDA BOARD OF DIRECTORS, SEAT A SOUTHERN NETWORK**

Board Member Southern Network,

I would appreciate your board of directors consider approving a Concurring Nomination Resolution on my behalf. Nominations are now in progress for the CSDA Board of Directors, Seat A. There are three directors in each Network with rotating three-year terms. I am running for my seat on the CSDA Board so I can continue serving you. I have attached a Concurring Nomination Resolution Template for your convenience.

It has been a privilege and honor to represent the California Special Districts Southern Network. I have served on the CSDA Board as President, Vice President and Treasurer, as well as on nearly all of the CSDA Committees. During my tenure on the board of directors, I have provided the leadership to grow the association. CSDA's influence and visibility in the Capitol has grown because legislators know the association represents the diverse needs of all special districts. In this leadership role, I will continue to provide the direction, ideas, and participation necessary for CSDA to continue its upward progress. I am presently the President of the CSDA Finance Corp---if your agency is in need of funding for a capital improvement project, the Finance Corp provides competitive financing. I was appointed by the CSDA Board to serve on the Special District Leadership Foundation (SDLF) Board of Directors in 2013 where I continue to serve as its Treasurer since 2014.

Serving on the CSDA Board of Directors requires a commitment of time along with a sincere interest in the issues confronting special districts statewide and nationally. It is also imperative that CSDA Board Members are driven to assure that members receive timely information and assistance in order to be up-to-date on new legislation affecting special districts, and the educational opportunities offered by CSDA. I connect with the Southern Network members so that they know what CSDA, CSDA Finance Corp, and the Special District Leadership Foundation have to offer: educational opportunities and representation at the Capitol; financing to meet district's needs; and scholarship availability to attend CSDA events.

I would truly be honored if your district would approve the concurring resolution. Thank you for your consideration of my request.

Jo MacKenzie, Director  
Vista Irrigation District  
CSDA Past President  
mackgroup@cox.net  
760-743-7969

#### **CSDA EDUCATION CATALOG LINK:**

<https://www.csda.net/viewdocument/2021-professional-development-catal> All webinars are free to CSDA Members this year. The Workshops and Conferences are at the reduced Membership fee. If your district needs financial assistance in order to attend, check out the Scholarships available to ALL districts on a first come basis (funds are limited) at WWW.SDLF.ORG.





## STAFF REPORT

**To: Board of Directors**

**Meeting Date: March 25, 2021**

**From: Dennis Cafferty, General Manager**

**Subject: COVID-19 Update**

The District continues its efforts to balance compliance with health officials' guidance and State, Federal and OSHA direction with the critical need to maintain the reliability of the essential services provided by the District. The following represents a summary of the current status of the District's response to the ever-changing challenges presented by the COVID-19 pandemic.

The most recent data continues to show improvement and recovery from the extreme surge in COVID cases and associated hospitalizations that occurred during December and January. As of March 15, an estimated 2,247 cases of the virus have been recorded in Orange County in the last 14 days. That's a 95% decrease from the Dec. 31 high of 42,790. As of March 18, hospitalizations in Orange County have reduced to 213 with 49 in the ICUs down from respective peaks of 2,259 and 547 in early January and respective hospitalizations and ICU occupancy of 663 and 230 last month.

The metrics associated with the Statewide color-coded tiered system for County Risk Levels have changed with the increasing amounts of vaccinated population. On March 14 the County of Orange moved to the red tier allowing certain restrictions to be relaxed.

County Risk Level*	Daily New Cases (per 100k)** (7-day average w/ 7-day lag)	Positive Tests (7-day average w/ 7-day lag)	Health Equity Quartile (7-day average w/ 7-day lag)
<b>WIDESPREAD</b> Tier 1	>10 new daily cases (per 100k)	>8%	
<b>SUBSTANTIAL</b> Tier 2	4 - 10 new daily cases (per 100k)	5 - 8%	5.3 - 8%
<b>MODERATE</b> Tier 3	1 - 3.9 new daily cases (per 100k)	2 - 4.9%	2.2 - 5.2%
<b>MINIMAL</b> Tier 4	<1 new daily cases (per 100k)	<2%	<2.2%



The following data for the County of Orange, from March 18, reflects significant improvement relative to each of the County Risk Level metrics as compared to the data from last month.

	March 18		February 18	
	Metric	Tier	Metric	Tier
Daily Case Rate per 100,000	4.0	Red	20.7	Purple
Test Positivity Rate	2.2%	Orange	7.8%	Red
Health Equity Quartile Positivity Rate	3.5%	Orange	10.7%	Purple

A county must have been in the current tier for a minimum of three weeks and can then advance to the next less restrictive tier when it meets the required metrics for the prior two consecutive weeks. If trends continue, the County of Orange could move to the Orange tier in early April.

The County of Orange continues to distribute vaccine through a variety of resources including the Super PODs (Points of Dispensing). Water/Wastewater employees are now classified as “Emergency Services” and are currently eligible for vaccination as part of Phase 1B of the County vaccine distribution plan. The District’s employees have been advised of their eligibility and encouraged to sign up through the Othena App or through other providers, including Kaiser, as appropriate.

Through March 18, 335,228 people have received their first vaccine dose and another 408,443 people have received both the first and second dose. In addition, 21,936 people have received the single dose Johnson and Johnson vaccine. Over 430,000 people in Orange County are now fully vaccinated.

These numbers reflect total vaccinations provided by traditional healthcare providers (hospitals, pharmacies, etc.) as well as the County. To put it in context, there are more than 3.2 million people in Orange County, with approximately 10% that have received their first dose and approximately 13% that are fully vaccinated.

Specific ETWD impacts, approaches and status are summarized as follows:

**Customer Billing** – The suspension of non-pay shutoffs continues. The incidence of late payments or customers communicating that they are unable to pay their bill due to the financial crisis associated with the COVID-19 pandemic continues to increase. Staff will continue to closely monitor billing for any further indication of trends or patterns as well as assess the impact of these trends on District finances.

**Staffing** – The following descriptions provide an overall description of the current approach to staffing and schedules:

- **Illness** – The District staff has now experienced 15 employees that have tested positive for the COVID-19 virus. All District staff that tested positive for the virus have



fully recovered and returned to full time work. Most of these employees are believed to have contracted the virus outside of the ETWD workplace.

- OSHA Requirements –The Board approved the District’s COVID-19 Prevention Program (CPP) at the Special Board Meeting on January 14. District staff has implemented the CPP and continues to monitor employees’ adherence to the requirements of the Program.
- Work Safety Protocols – The District’s management staff continues to emphatically remind and require all staff of the critical need to practice social distancing of a minimum of six feet as well as the need to follow CDC guidelines regarding hand washing and other personal hygiene. Staff has been informed and consistently reminded that the combination of face coverings, distance and hygiene are the most effective means to mitigate the potential of contracting the virus. Staff recently implemented further office restrictions to minimize the time allowed for any face to face meetings and encourage alternative meeting formats including phone and Zoom calls.
- Telecommuting – Staff has expanded its telecommuting capability encouraging additional staff to work remotely, further reducing the number of people in the Main Office at the same time. All of the Main Office staff is working remotely to various extents.
- Field Operations – Given the improving conditions within the County and in an effort to restore full productivity, the ETWD Operations Department has returned to their normal 9/80 work schedule. All staff has been reminded that it remains critical to follow all the District’s safety protocols.
- Self-Certification – Staff continues to follow the requirement for daily self-certification that employees are not suffering from a fever or any of the typical COVID-19 symptoms. Employees are required to provide the daily certification on-line.



# **GENERAL MANAGER'S REPORT**

**March 2021**

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

- Attended Meeting with JPIA to Discuss Health Savings Account Options
- Attended Meetings with IRWD, SMWD & DDW to Discuss OC Recycled Water Guidelines
- Attended MET AMP Shutdown Meeting
- Attended SOCWA Finance Committee Meeting
- Attended RRC Meeting
- Attended SOCWA Board Meeting
- Attended MWDOC Admin/Finance Committee Meeting
- Attended MWDOC Planning/Operations Committee Meetings
- Attended MWDOC MET Directors Workshop
- Attended MWDOC Board Meeting
- Attended MWDOC Managers Meeting
- Attended Santiago Aqueduct Commission Meeting
- Attended SOCWMA Executive Committee Meeting
- Attended Water Shortage Contingency Plan Workshop
- Attended Meeting with Merlone Geier Regarding the Village at Laguna Hills Project
- Attended Asset Management Presentation by Arcadis
- Attended Grants Research Kickoff Meeting with Soto Resources
- Attended OCWA Webinar
- Attended ETWD AWIA Workshops
- Attended ETWD President/Vice President/GM Meetings
- Attended ETWD Agenda Review Meeting
- Conducted ETWD All Employee Virtual Meeting
- Attended ETWD Budget Committee No. 1 Meeting
- Attended ETWD Regular Engineering & Finance Committee Meetings
- Attended ETWD Regular Board Meeting

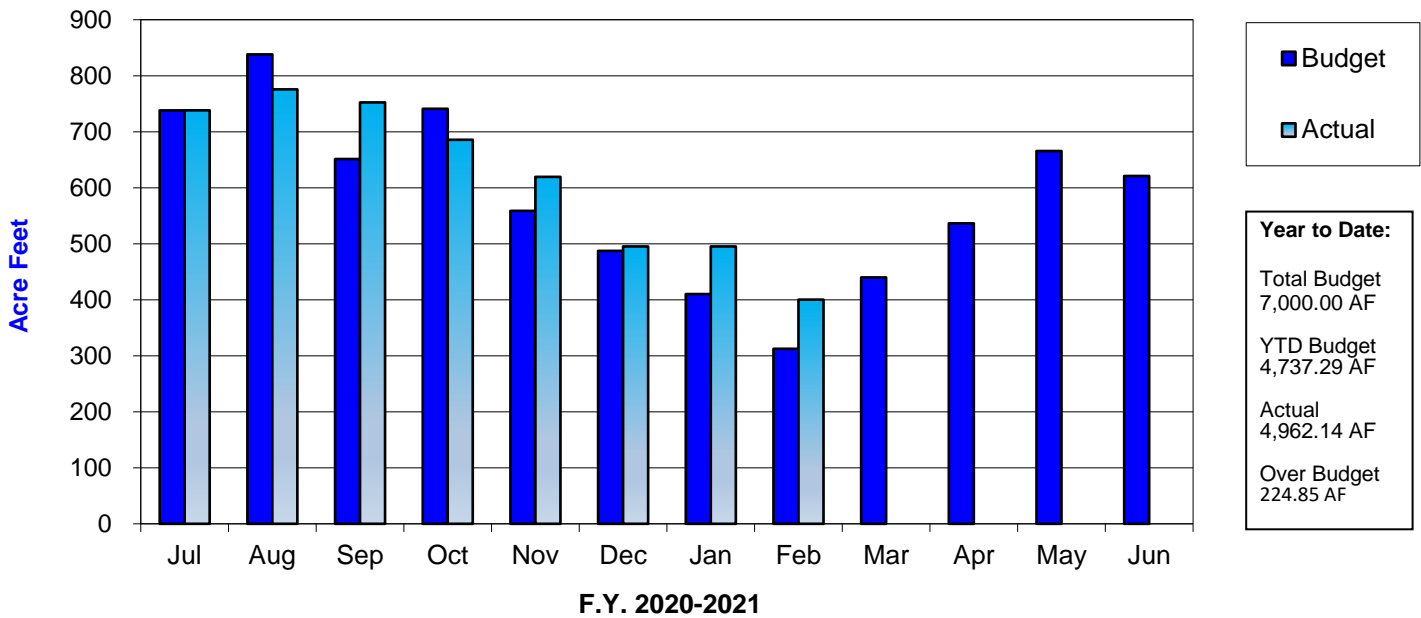
## **II. DOMESTIC AND RECYCLED WATER SALES**

Actual domestic sales for the year-to-date as of February 28, 2021 are 4,962.14 acre-feet. This compares to year-to-date budgeted domestic sales of 4,737.29 acre-feet. The year-to-date variation in actual to budgeted sales reflects an increase of 224.85 acre-feet. Actual sales are 173.38 acre-feet higher than last year-to-date actual sales for the same period.

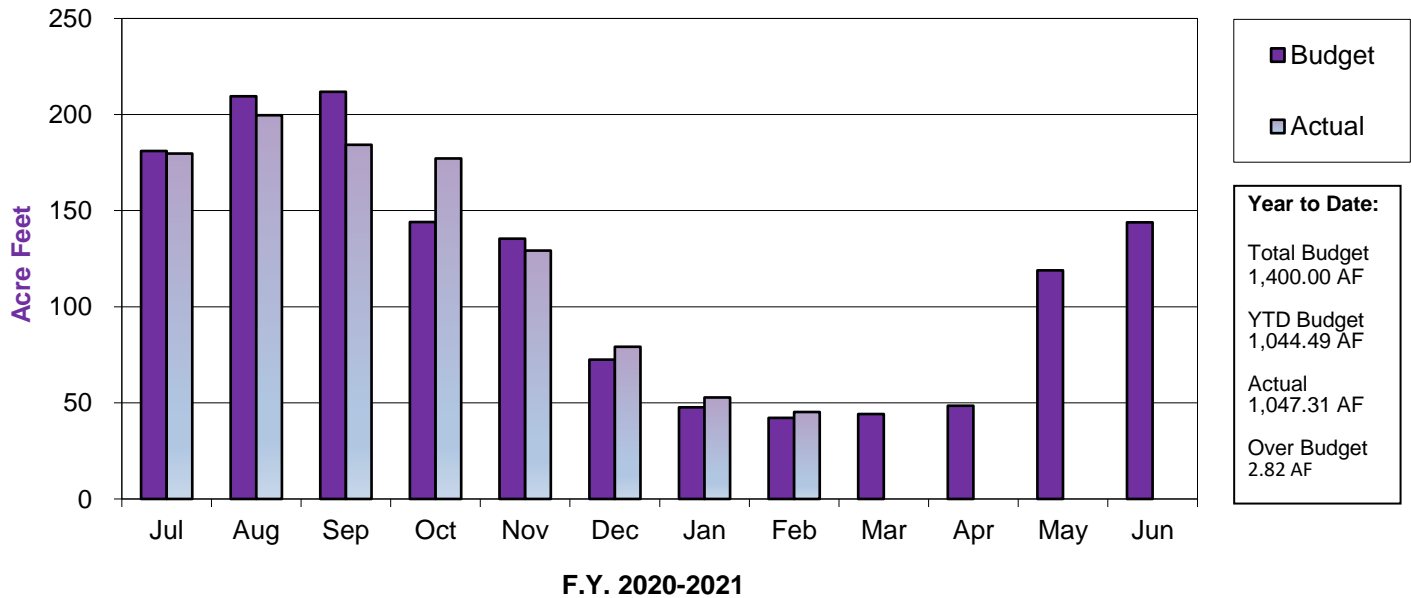
Actual recycled sales for the year-to-date as of February 28, 2021 are 1,047.31 acre-feet. This compares to year-to-date budgeted recycled sales of 1,044.49 acre-feet. The year-to-date variation in actual to budgeted sales reflects an increase of 2.82 acre-feet. Actual sales are 169.02 acre-feet higher than last year-to-date actual sales for the same period.



## POTABLE WATER SALES



## RECYCLED WATER SALES





## Customer Service Activity Report

Regular Service Calls	FEB 2021	FEB 2020	Telephone Calls	FEB 2021	FEB 2020
Serviceman Dispatched to Read, Connect/Disconnect Service	40	56	Change of Service: Connections and Disconnections	46	60
<b>Field Investigations:</b>			Billing / Payments & Graph Inquires	173	257
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	11	83
Customer Responsible	12	16	Variance / Adjustment Inquiries	19	23
District Responsible	7	8	Variance / Adjustment Requests Processed	4	6
None found/other	14	18	Ordinance Infraction / Water Waste Complaints	1	0
High Reads Checked - High Consumption (Billing Dept.)	14	42			
Cust Leaks: _5_ No Leaks: _9_					
Check Stopped Slowed Meters-Low Consumption (Billing)	16	22	Outside Utility Districts	49	71
Re-Check Read	10	3	Phone calls Transfer to other Departments within ETWD	64	112
Ordinance Infraction	1	2	Phone calls for the Board of Directors	0	3
Recycled Water	0	0	Recycled Water	2	0
Water Quality: Taste / Odor / Color	6	0	Water Quality Taste - Odor - Color	3	0
Phone response: _4_ Field response: _2_			Leaks / Breaks	21	45
Flooding (Hydrant) Meters issued	0	0	Flooding Meter calls (Hydrant)	1	3
Sewer - Odor/Stoppage/ Manhole Covers	2	3	Sewer Problems (odor / spills)	6	2
Meter Box: Lids / Covers Replaced	17	18			
Meter Box Clean, Digout	2	3	Backflow / Cross Connection (questions or yearly testing forms)	2	3
			ETWD facilities inquiries:		
Raised Meter Box	0	1	Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	14	6
Trim Bushes / Meter Obstruction	10	12			
General Maintenance Response	3	8	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	2
Fire Hydrants: Hit / Leaks / Caps	0	0	ATT Calls (access to tower sites)	0	0
Pressure(psi) Checks / Reads	1	2	SCE Calls (access to tower sites)	0	0
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	4	8	Pager Calls specifically for Pump Stations - SCADA	0	0
AMS angle-meter-stop replace/repair	1	1			
Bees Removed	2	1			
Backflow / Cross Connection	0	5	Payment Extensions	5	13
			Delinquent Payment Calls to Customer		
Fogged Registers	8	12	's prior to shut off per billing calendar (automatic courtesy dialer)	186	0
			Return Calls from customers left on our voice mail system. Ext 500	14	7
OMCOP: Old Meter Change - Out Program	0	2	Email Correspondence:	126	75
Other: (uncommon non-maintenance calls)	1	7	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	2	3
On-Call After Hrs. CS Response	9	20	Misc. (other: employment, deliveries, sales calls)	23	66
# 48/24 Hr. Door Hangers Hung	0	1			
# Locked Off For Non-Pay (Disconnect)	0	0			
Removed Meter	0	0			
New Meter	0	5			
Unread Meters	0	8			
<b>Total Field Investigations</b>	<b>180</b>	<b>284</b>	<b>Total Telephone Calls</b>	<b>772</b>	<b>840</b>
<b>Uncollectible Accounts:</b>			<b>Credit Card Payments</b>	<b>FEB 2021</b>	<b>FEB 2020</b>
Budget YTD	\$13,333.00	\$ 13,276.00	REGULAR	872	\$94,422.28
Actual YTD	\$ 9,880.00	\$ 4,907.00		745	\$70,778.43



## (WRP) Tertiary Treatment Plant

February-21

### Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q MGD	0.106	0.722	0.051	0.879
Total Q MG	2.954	20.214	1.435	24.603
Total Acre Feet	9.065	62.034	4.404	75.503
* 1,050,000 Total Gallons of Potable make-up water was used to supplement the demand for				
Recycled Water in the month of February.				







# CHLORINE RESIDUAL MONITORING

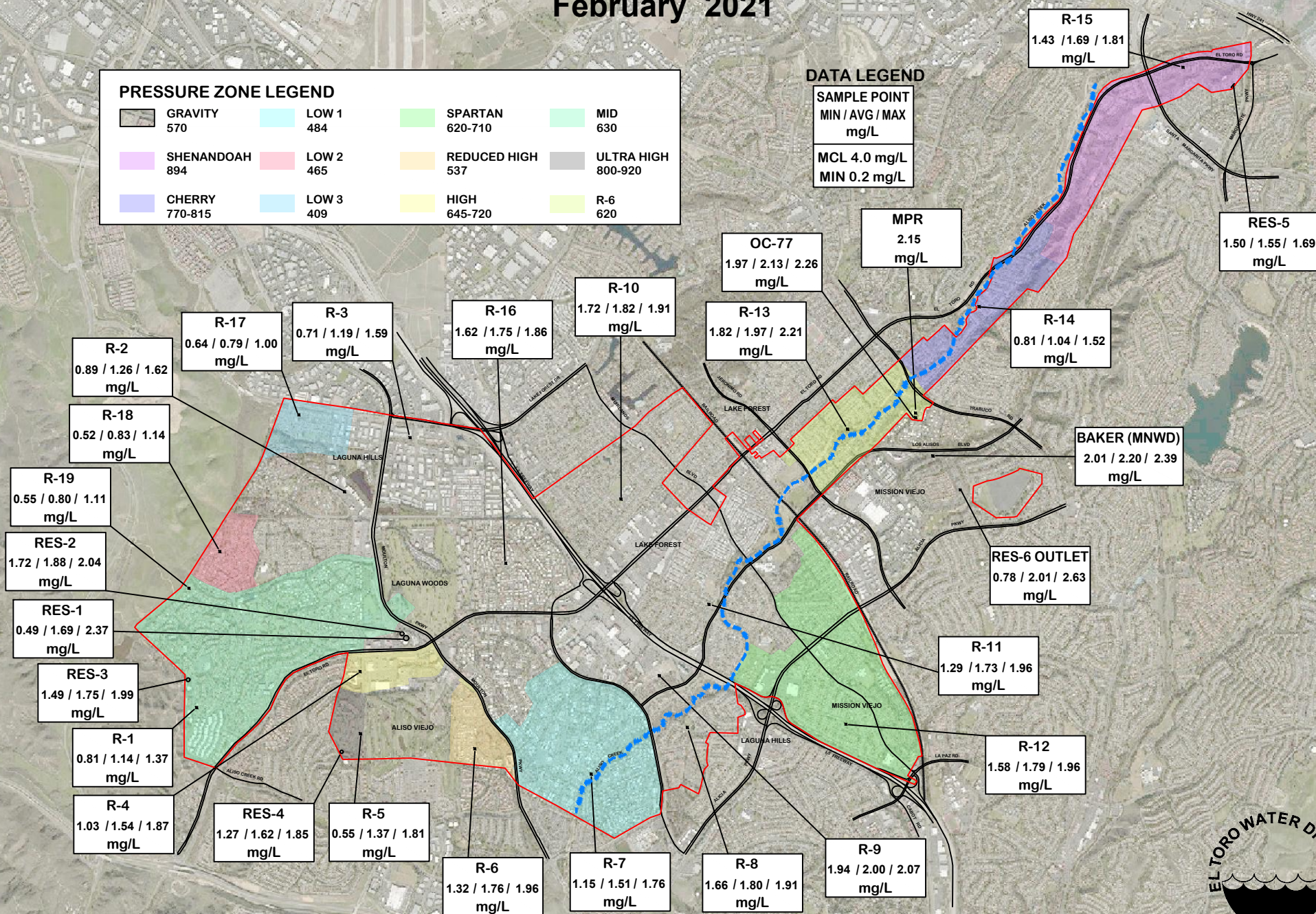
## February 2021

### 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





# FLUORIDE MONITORING

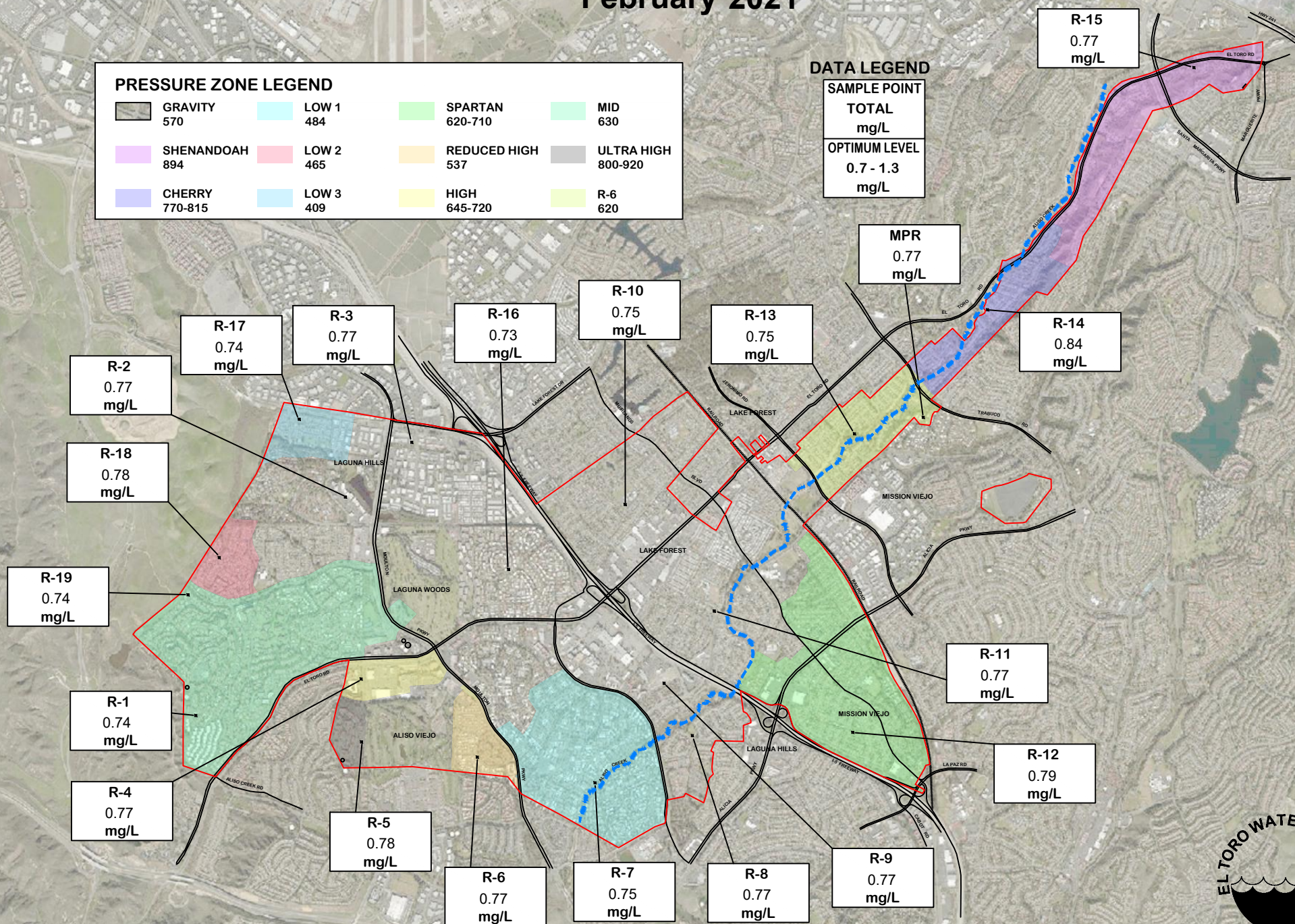
## February 2021

### 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





# NITRITE MONITORING

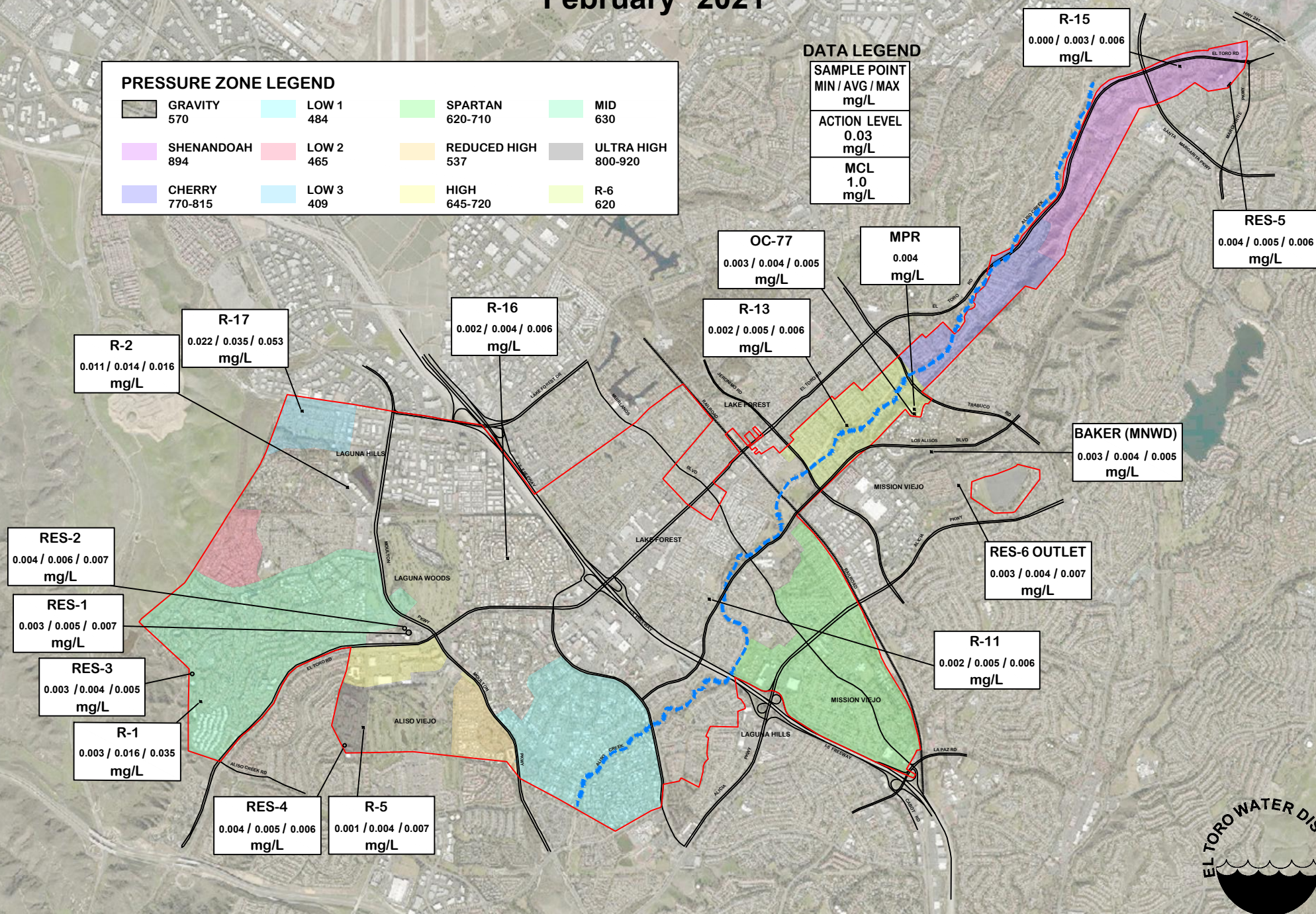
## February 2021

### 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

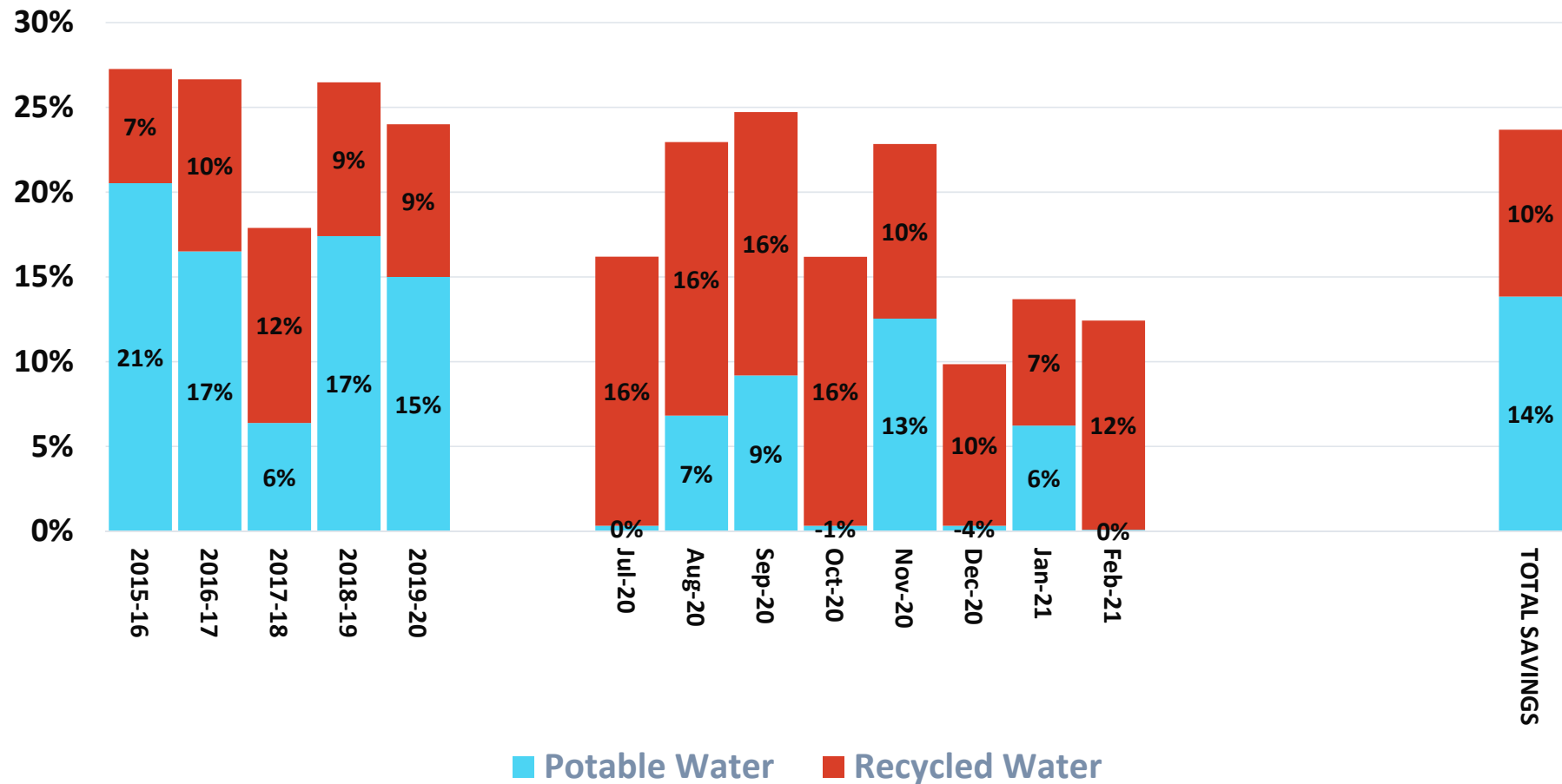
### DATA LEGEND

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





# ETWD WATER SAVINGS COMPARED TO 2013





**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: FEBRUARY YEAR : 2021					
CONSTITUENT ANALYSIS		INSIDE LAB		OUTSIDE LAB	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	147	Absence		Average
2 Chlorine (ppm)	Detectable Resid	206	Average = 1.46 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb		N/A		
3 HAA5 (ppb) (Stage 2)	60 ppb		N/A		
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.01 to 0.05		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	58.0°F To 64.0°F		
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	101	0.00 to 0.007 Res.		

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



**Abbreviations:**

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



# EL TORO WATER DISTRICT COLLECTION SYSTEM ACTIVITY REPORT



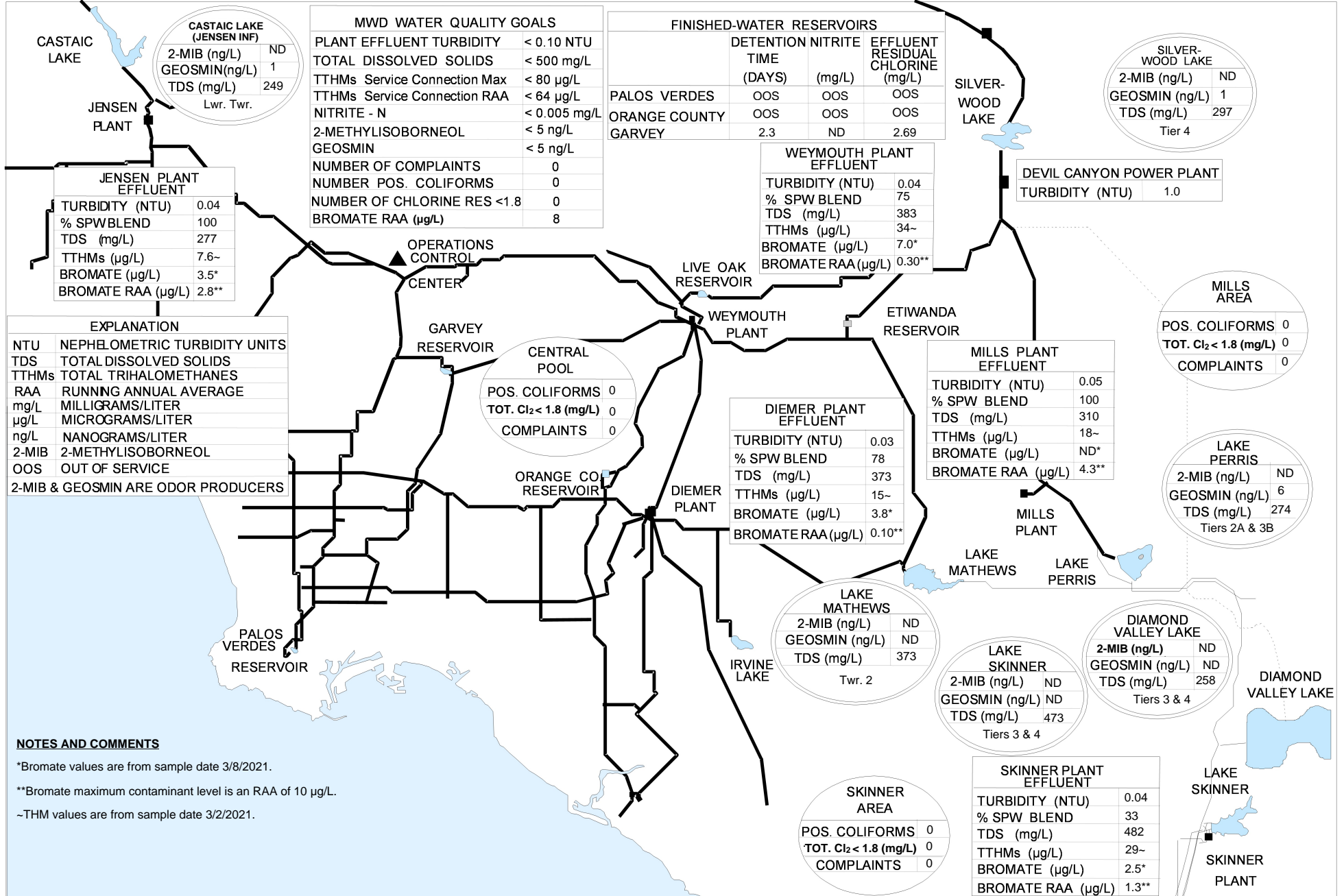
**MONTH ENDING:** **FEBRUARY** **2021**

ODOR COMPLAINTS		MONTHLY	ANNUAL	LOCATION, ORIGIN, ACTION:		
Outside Laguna Woods Village		1	1	23702 El Toro Rd S6 Bldg, Lake Forest		
Laguna Woods Village		1	1	Westline Pump Station		
New World		0	0			
Private System		0	1			
Other: WRP		0	0			
TOTAL		2	3			
ROOT FOAMING		FOOTAGE	CHEMICAL USED	COMMENTS		
Outside Laguna Woods Village		0	0			
Laguna Woods Village		0	0			
New World		0	0			
Other		0	0			
TOTAL		0	0			
ROOT CUTTING		FOOTAGE	COMMENTS:			
Outside Laguna Woods Village		0				
Laguna Woods Village		0				
New World		0				
TOTAL		0				
HYDRO-CLEANING <sup>1</sup>		MONTHLY FOOTAGE	TOTAL CYCLE FOOTAGE	TOTAL CYCLE COMPLETE	PERCENT OF CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 2 YEAR CYCLE
Outside Laguna Woods Village		38,838	344,431	292,906	85%	31%
Laguna Woods Village		0	263,336	13,279	5%	31%
New World		0	7,728	0	0%	31%
Private System		0				
TOTAL		38,838	615,495	306,185	50%	31%
Hot Spots		18,084		167,612		
COMBINED TOTALS:		56,922		473,797		
TV INSPECTIONS <sup>2</sup>		MONTHLY FOOTAGE	TOTAL CYCLE	TOTAL CYCLE COMPLETE	PERCENT CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 5 YEAR CYCLE
Outside Laguna Woods Village		3,052	344,431	14,184	4%	2%
Laguna Woods Village		0	263,336	3,321	1%	2%
New World		0	7,728	0	0%	2%
Private System		0	0	0		
Other		0	0	0		
TOTAL		3,052	615,495	17,505	3%	2%
Wet Well Cleaning		4		La Paz, Westline, Mathis, Freeway		
Flow Meter/Sampling		0				
Water Tank Fills 57		57,000				
1. The Hydrocleaning Objective is a 2 Year Cycle to Clean the Entire System. The current cycle began on 07/01/2020						
2 The TV Inspection Objective is a 5 Year Cycle to Inspect the Entire System. The current cycle began on 01/25/2021						



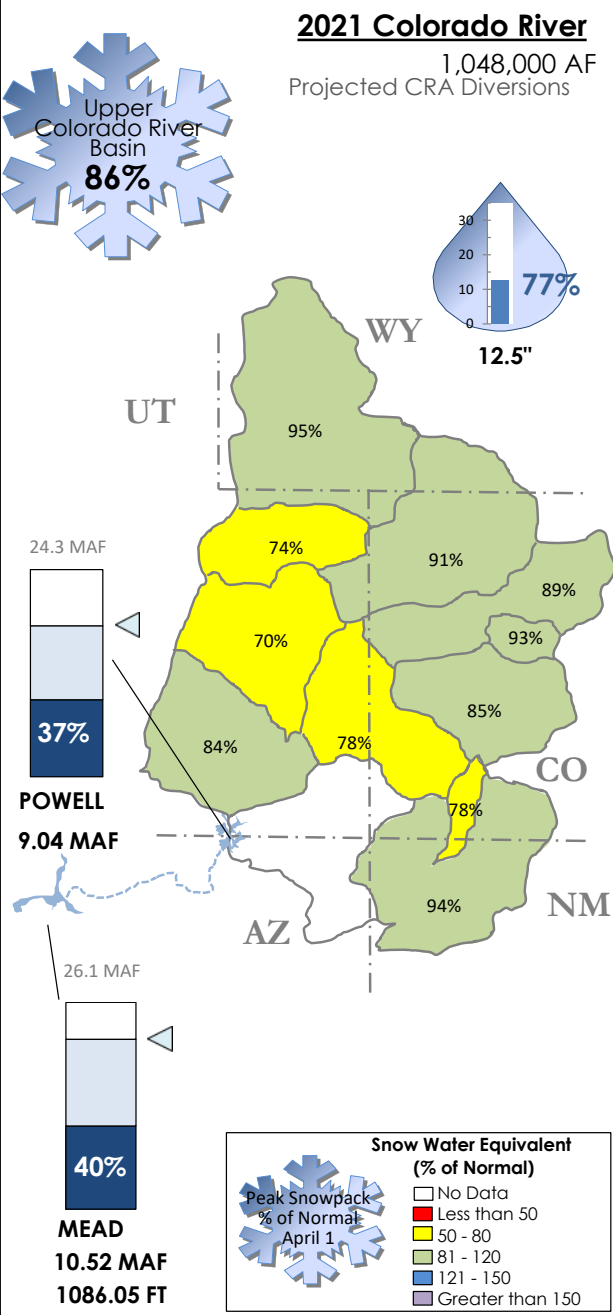
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**No violations of State or Federal regulations were recorded during the current period.**



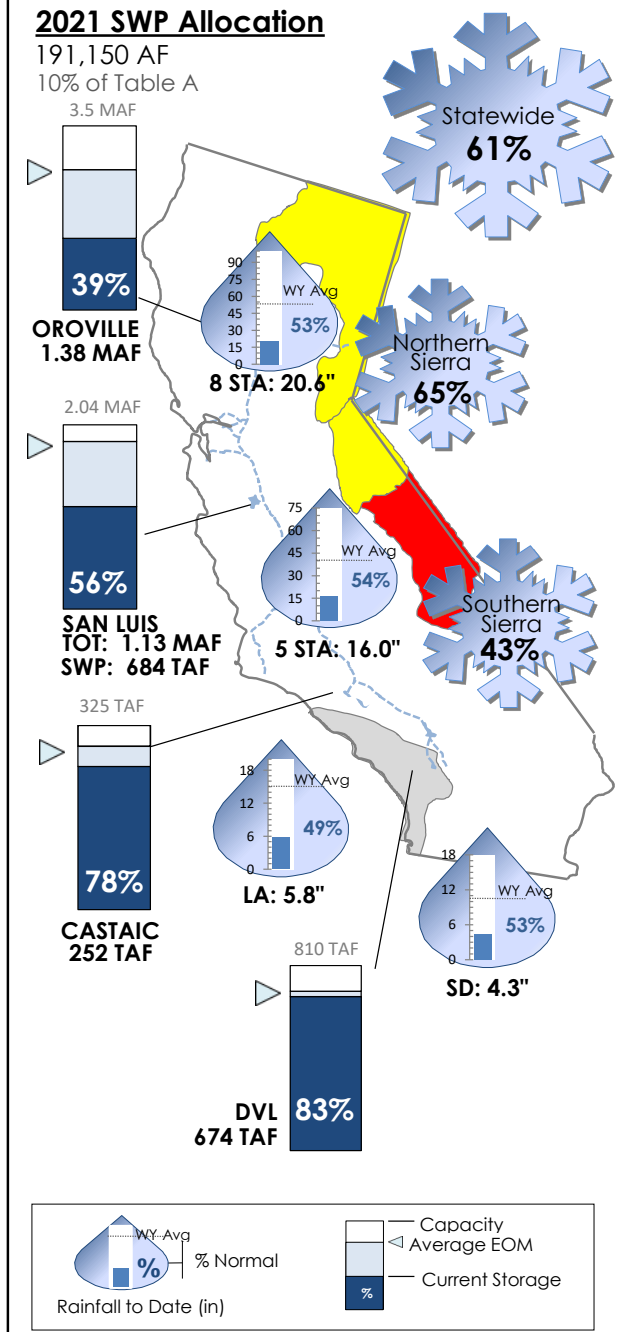
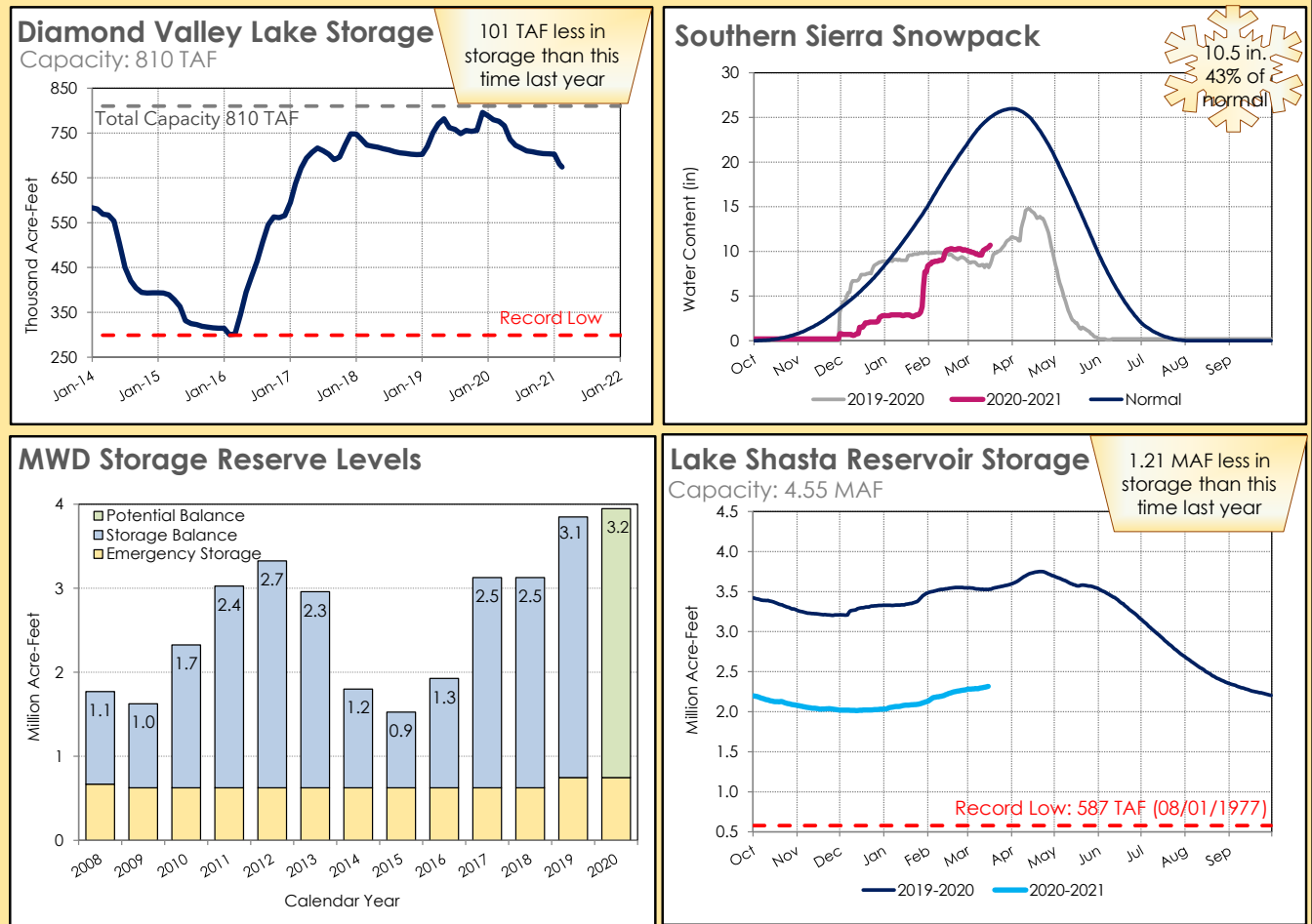
WATER QUALITY INFORMATION LINE: (800) 354-4420  
VISIT MWD ON THE WEB AT <http://www.mwdh2o.com>



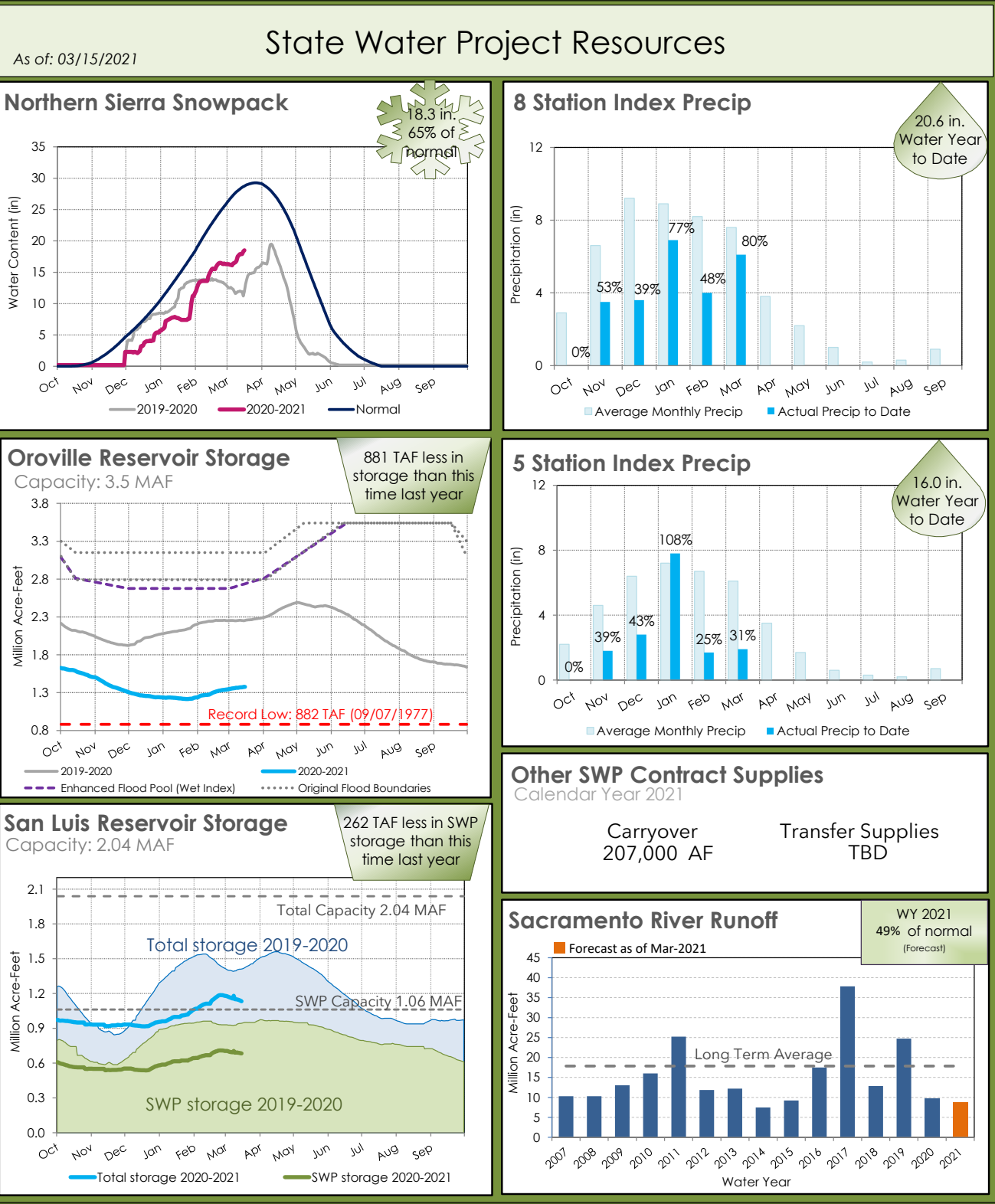


## Highlights

- ❖ Snowpack in the Sierra is at 61% of normal
- ❖ Precipitation at the 8 Station Index is at 53% of normal
- ❖ Snowpack in the Upper Colorado is at 86% of normal
- ❖ Precipitation in the Upper Colorado is at 77% of normal











## Memorandum

**DATE:** March 9, 2021  
**TO:** Member Agencies – MWD OC Division Five  
**FROM:** Sat Tamaribuchi, Director – Division Five  
**SUBJECT:** Monthly Water Usage Data, Tier 2 Projection & Water Supply Information

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

- OC Water Usage, Monthly by Supply **OCWD Groundwater was the main supply in January.**
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in **January 2020 was above average compared to the last 5 years.** We are projecting a slight increase in overall water usage compared to FY 2019-20. It has been 46 months since all mandatory water restrictions were lifted by the California State Water Resources Control Board.
- Historical OC Water Consumption Orange County M & I water consumption is **projected** to be **536,000 AF in FY 2020-21** (this includes ~15 TAF of agricultural usage and non-retail water agency usage). This is about **4,000 AF more than FY 2019-20** and is about **20,000 AF more than FY 2018-19**. Water usage per person is projected to be slightly lower in **FY 2020-21 for Orange County at 149 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 five Fiscal Years is the lowest since the 1982-83 Fiscal Year** (FY 1982-83 was the third wettest year on record).

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

- Orange County's accumulated precipitation through **early March** was below average for this period. Water year to date rainfall in Orange County is **3.63 inches**, which is **38% of normal**.

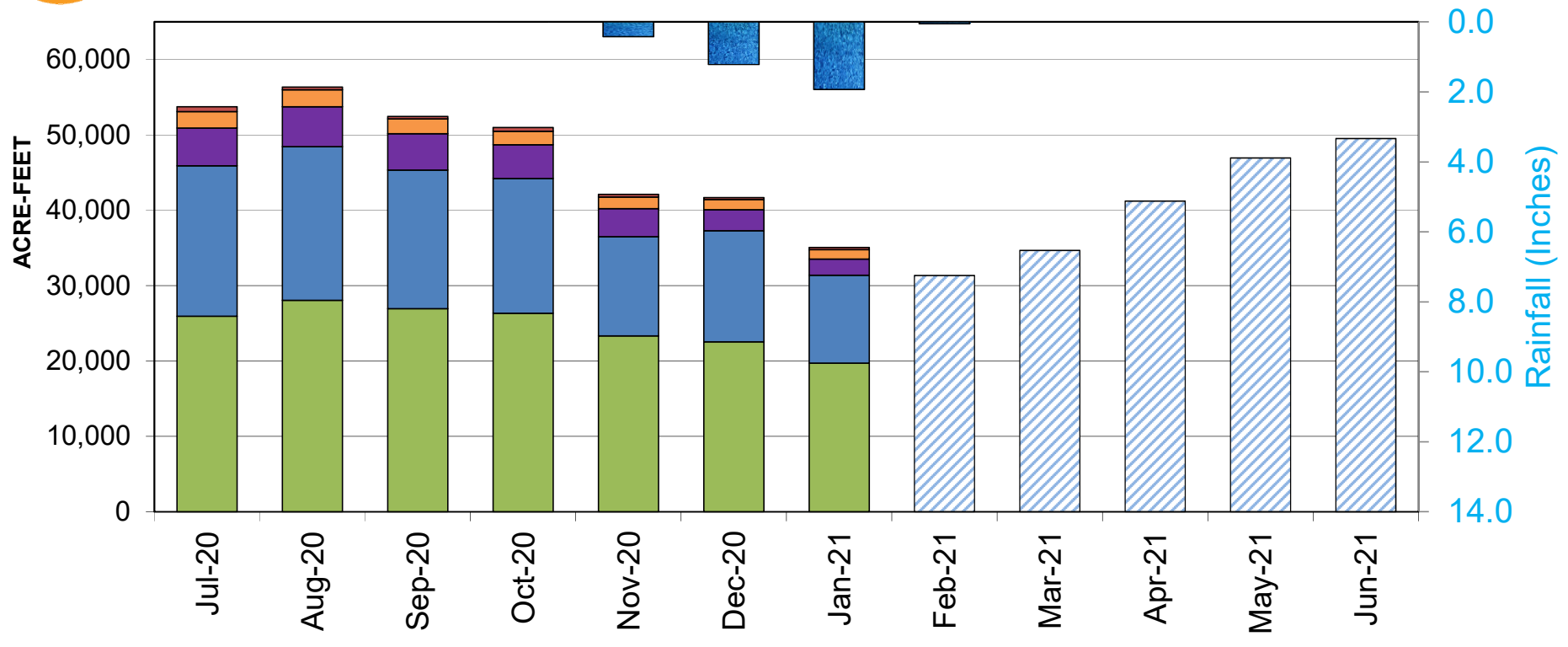


- Northern California accumulated precipitation through **early March** was **51% of normal for this period**. Water Year 2020 was 63% of normal while water year 2019 was 137% of normal. The **Northern California snowpack was 65% as of March 2<sup>nd</sup>**. **As of late February, 84.88%** of California is experiencing **moderate to exceptional drought conditions** while 99.30% of the state is experiencing abnormally dry conditions. The State Water Project Contractors Table A Allocation was set at 10% in December 2020.
- Colorado River Basin accumulated precipitation through **early March** was **74% of normal** for this period. The **Upper Colorado Basin snowpack was 82% of normal** as of March 2<sup>nd</sup>. **Lake Mead and Lake Powell** combined have about **58% of their average storage volume** for this time of year and are at **39.5% 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 early March, Lake Mead levels were **12.16' above the "trigger" limit**. The USBR predicts that the start of 2020 will not hit the "trigger" level but there is **a 60% chance that the trigger level will be hit in 2022 and a 82% chance in 2023**.





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

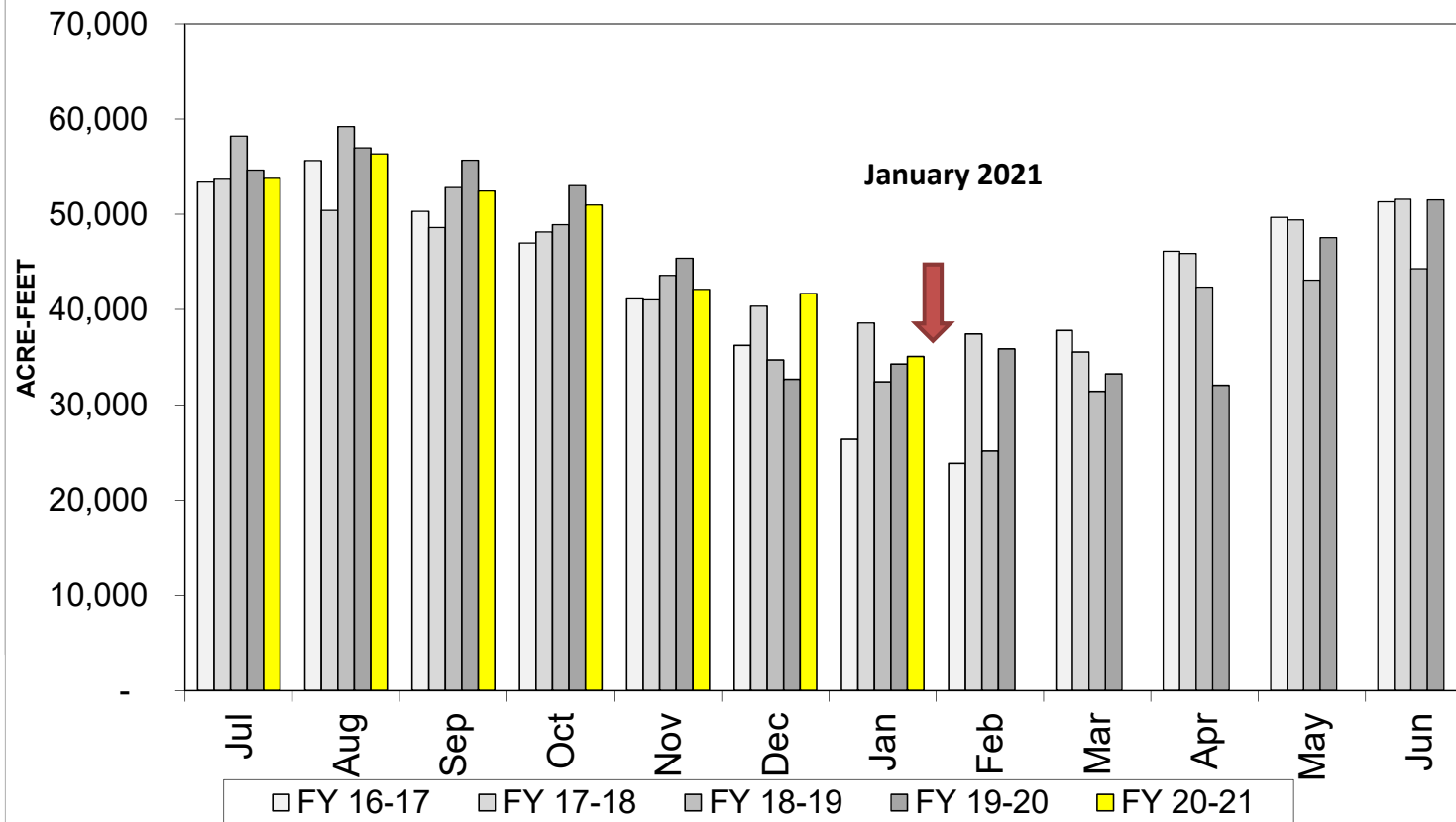


- [1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water and deliveries into Irvine Lake.
- [2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '20-21 is 77%.
- [3] MWDOC's estimate of monthly demand is based on the projected 5 Year historical retail water demand and historical monthly demand patterns.
- [4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.

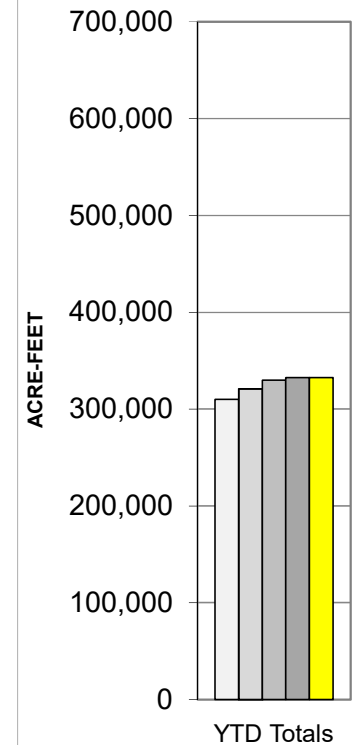




**Fig. 2 OC Monthly Water Usage [1]: Comparison to Last 4 Fiscal Years**



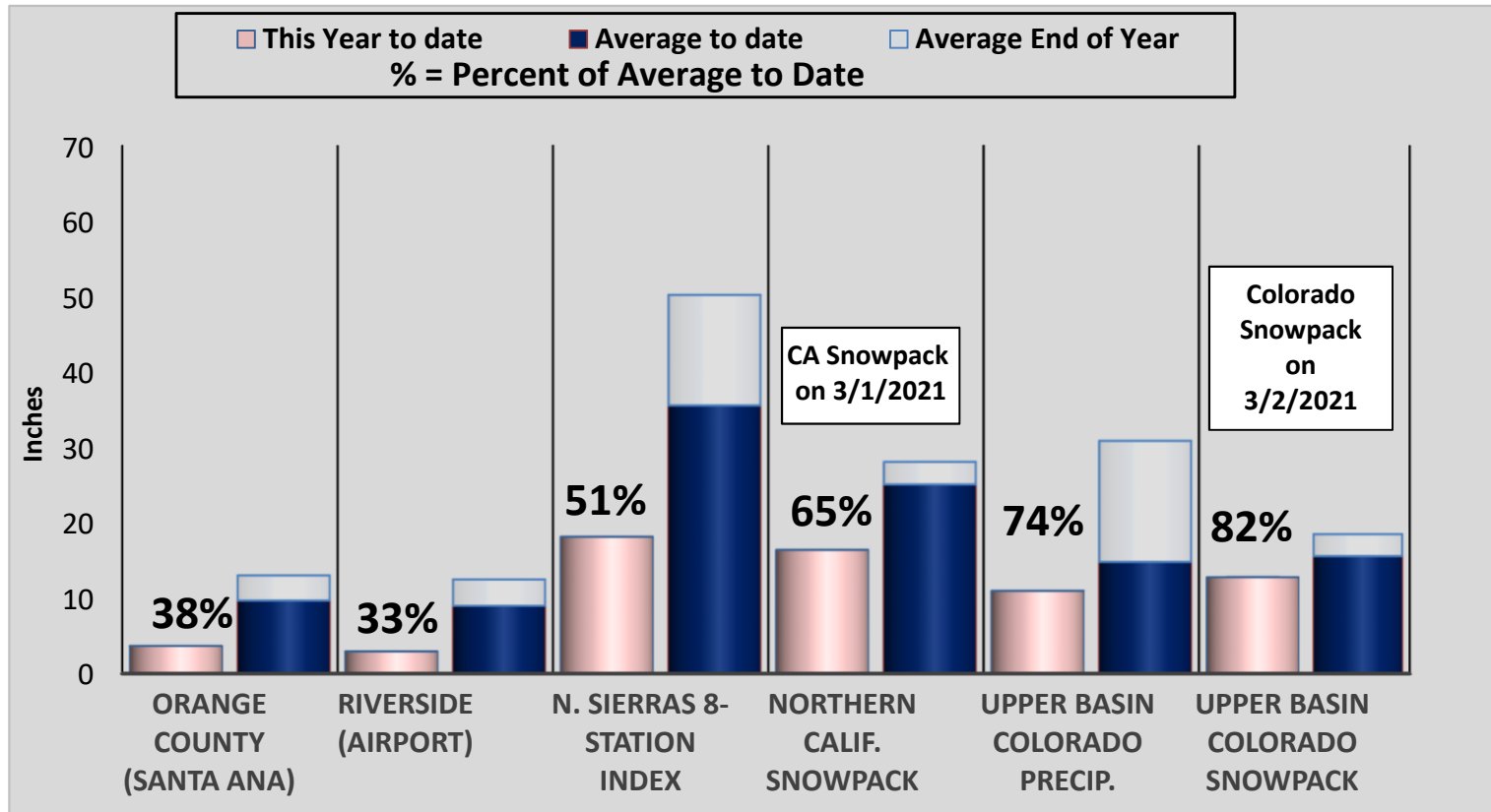
**Partial Year Subtotals**



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



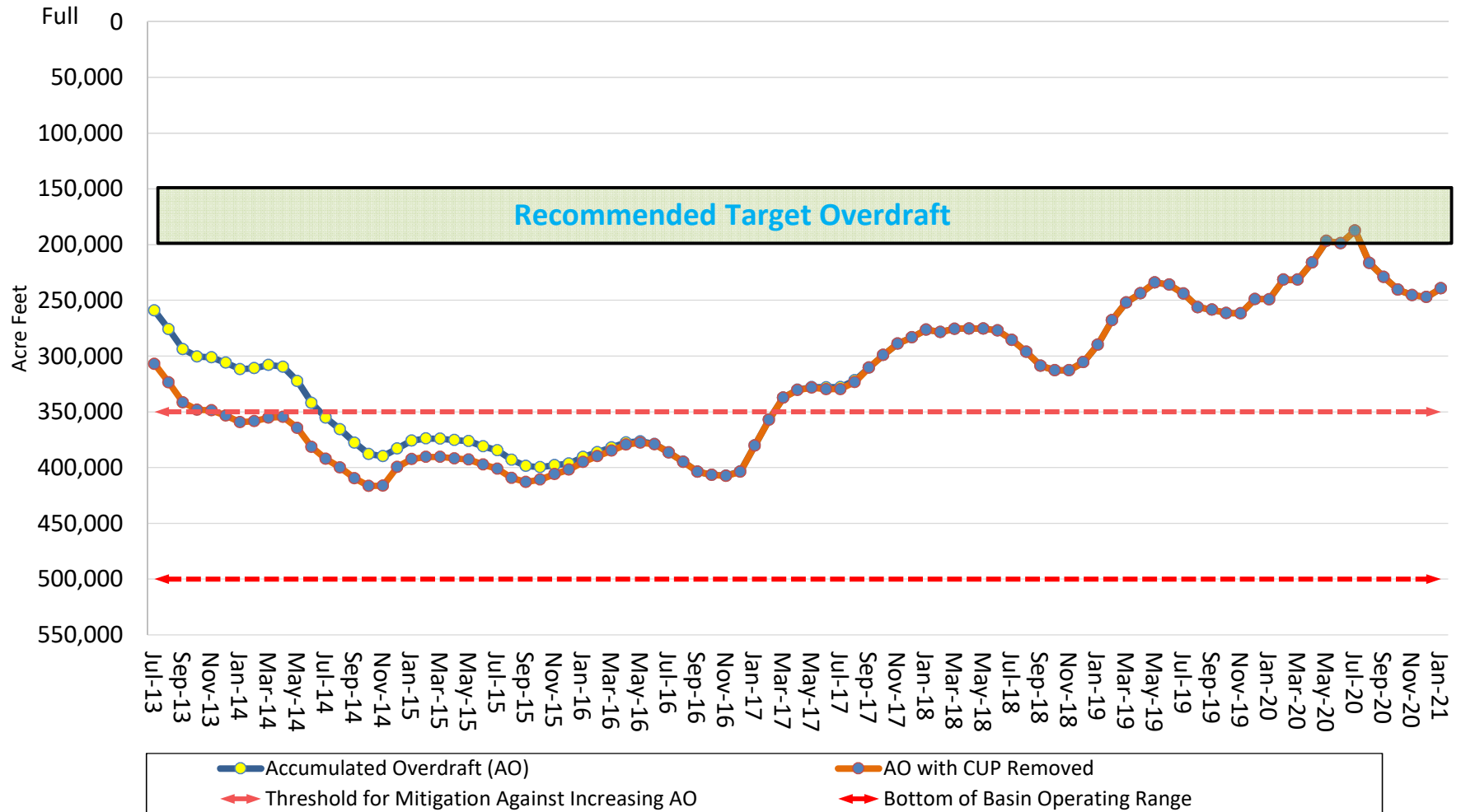
## Accumulated Precipitation for the Oct.-Sep. water year, early March 2021



\* 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 January 2021



	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
AO (AF)	244,057	256,239	258,445	261,464	261,645	248,909	249,051	231,354	231,354	216,098	196,677	198,754
AO w/CUP removed (AF)	244,057	256,239	258,446	261,464	261,645	248,909	249,051	231,354	231,354	216,098	196,677	198,754
	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
AO (AF)	187,392	216,548	229,124	240,414	245,441	246,998	239,329					
AO w/CUP removed (AF)	187,392	216,548	229,124	240,414	245,441	246,998	239,329					

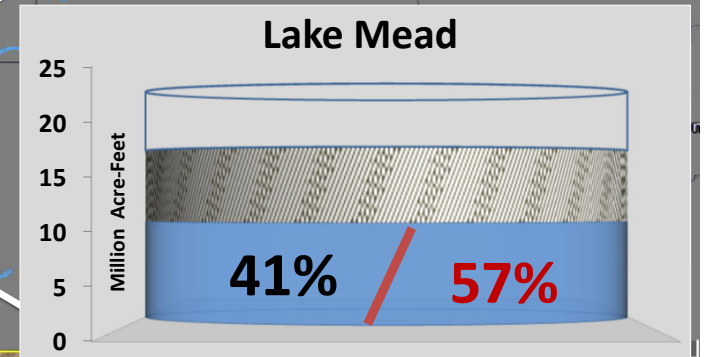
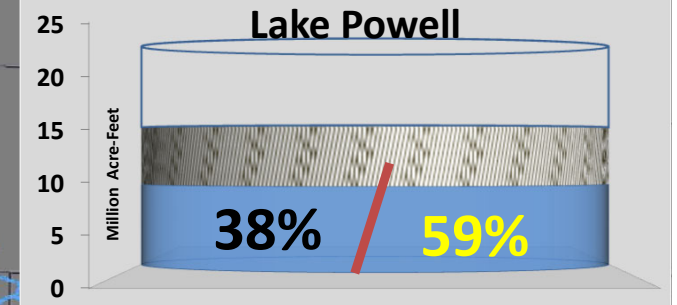
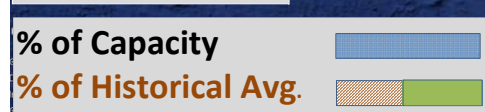
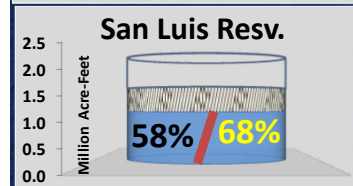
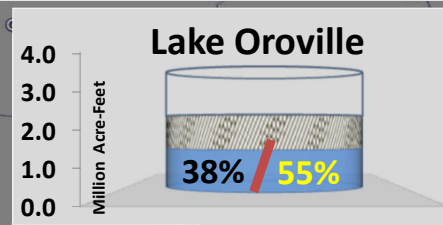
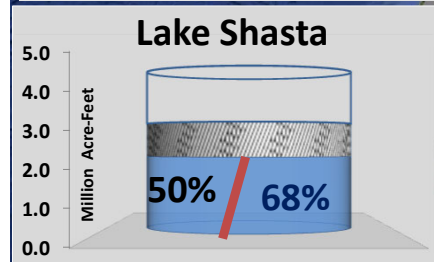
\* Source ~ OCWD Monthly Board of Directors Packet, Water Resources Summary





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

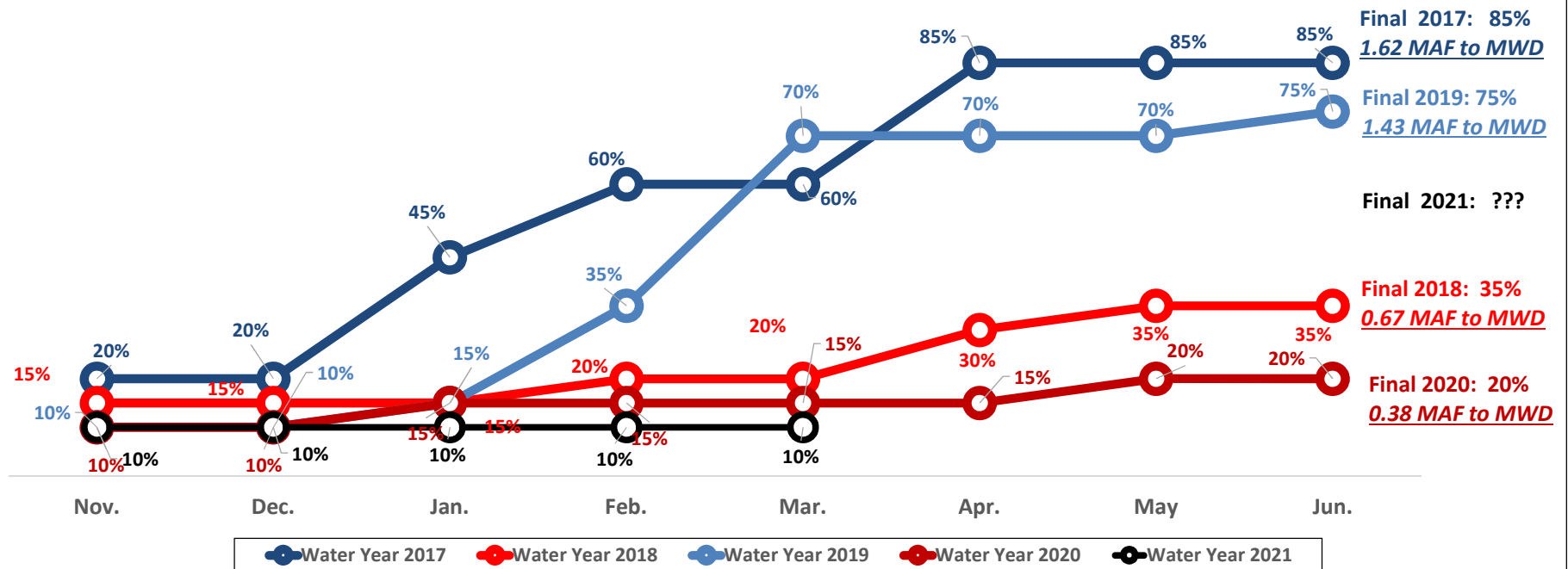
as of March 2, 2021





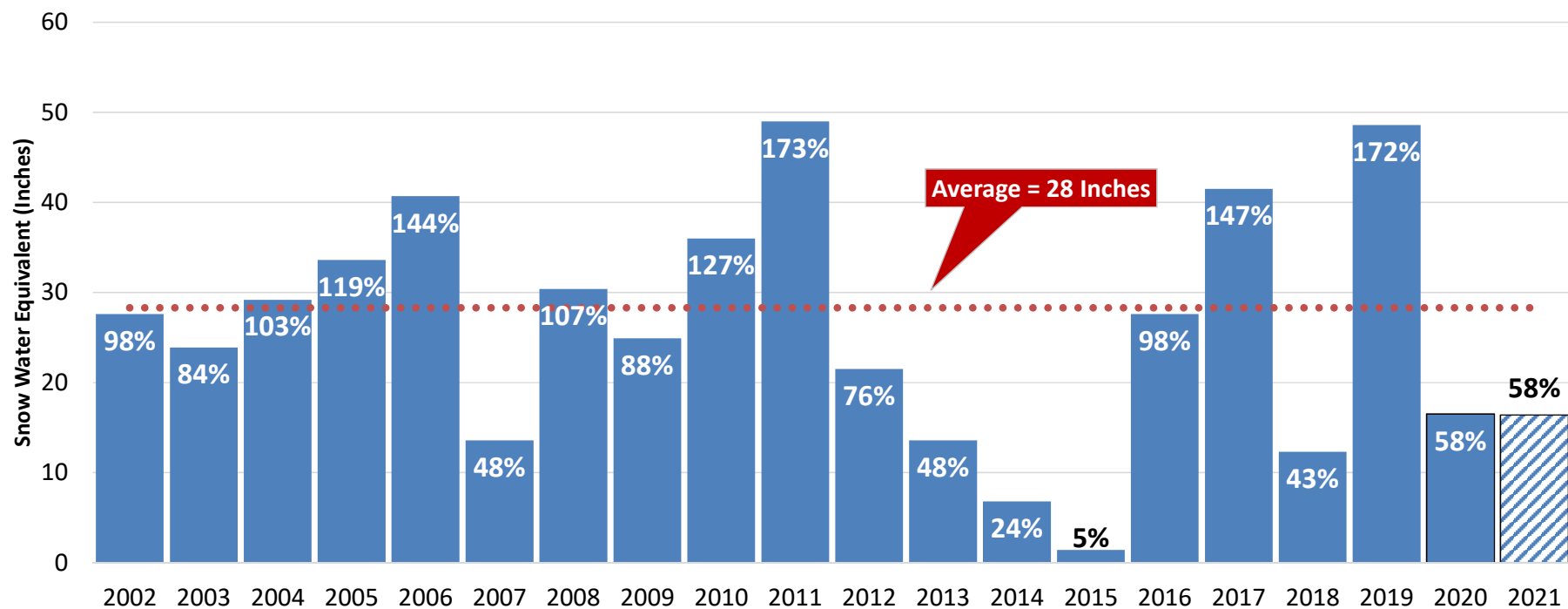
## SWP TABLE A ALLOCATION

FOR STATE WATER PROJECT CONTRACTORS



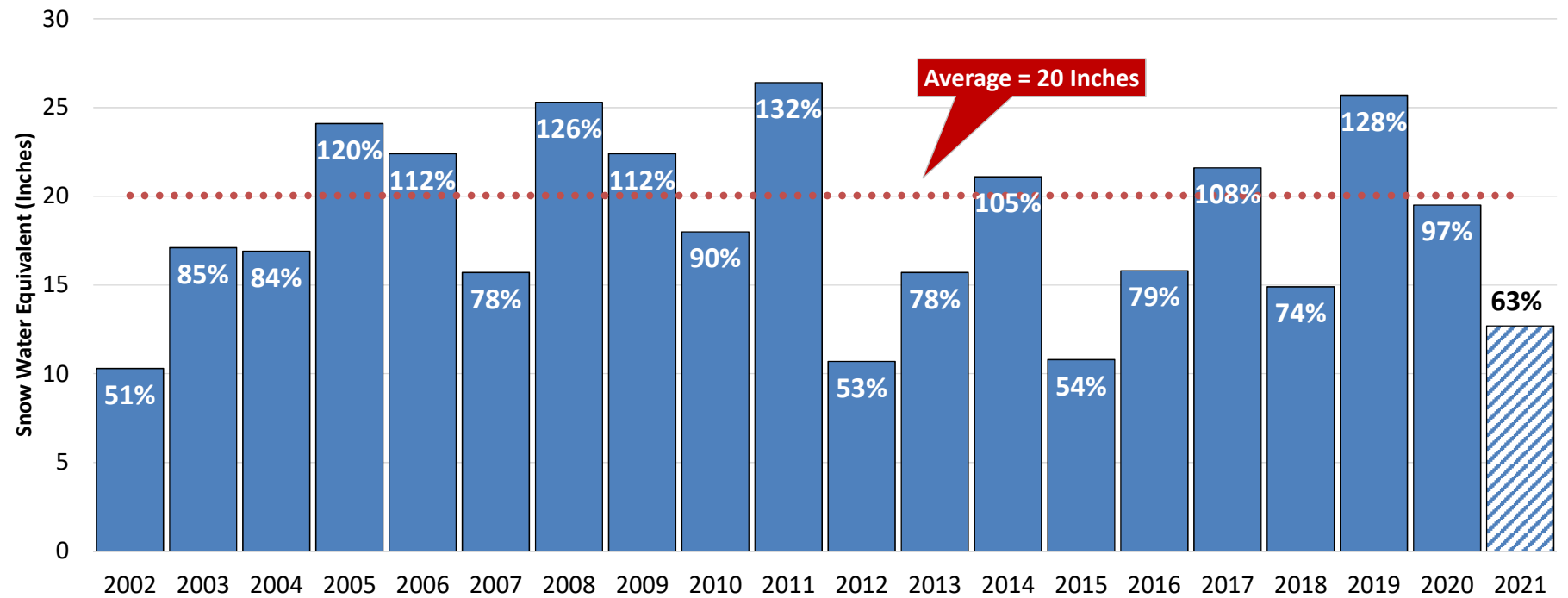


### Historical Northern California April 1st Peak Snow Water Equivalent





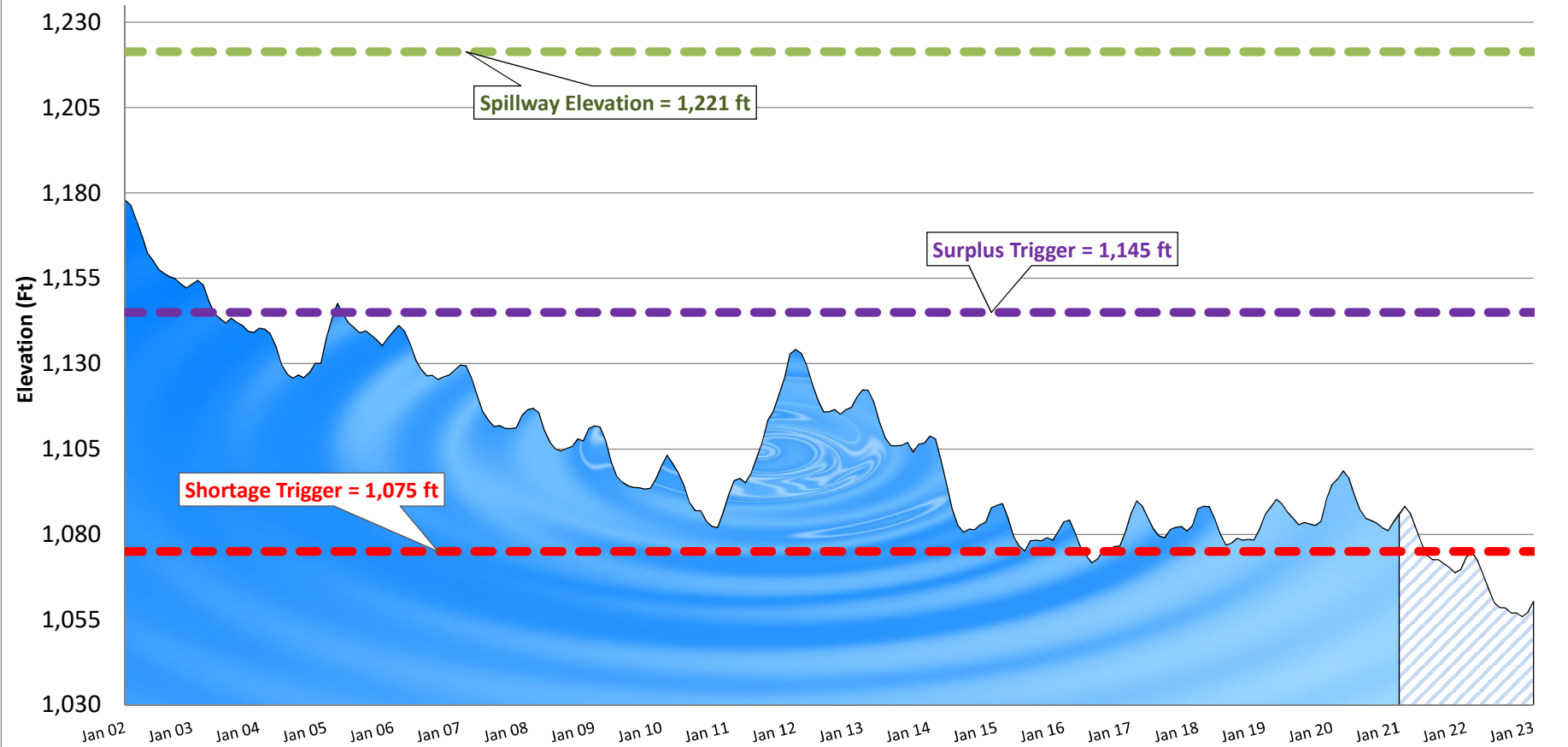
Historical Colorado Basin April 15th Peak Snow Water Equivalent





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

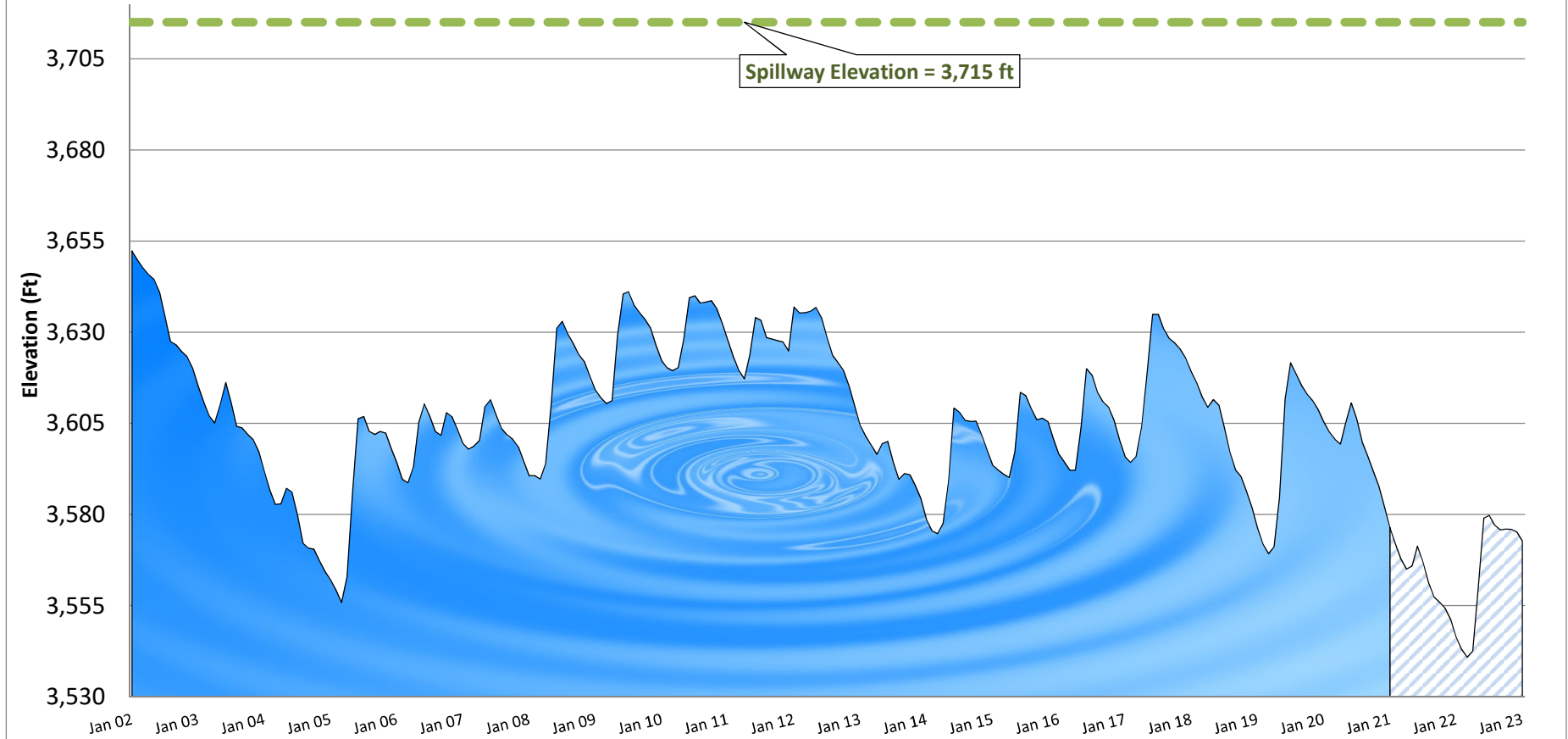
■ Historical □ Projected





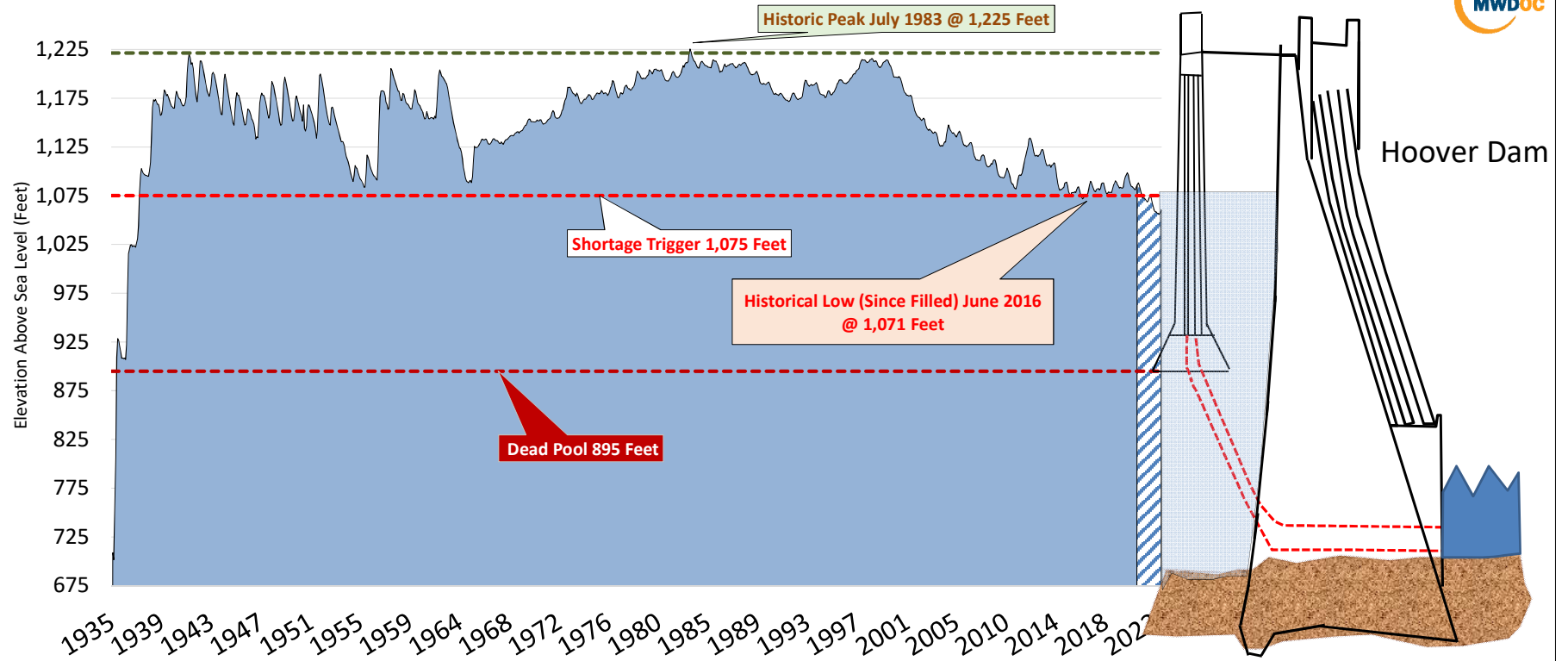
## Lake Powell Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical    □ Projected





## Lake Mead Historical Water Elevation Level





# WILL SERVE REQUEST STATUS REPORT

(February 2021)

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
8/29/19	Merlone Geier Partners	Hunter Court Utility Relocations	TI	24322 Rockfield Blvd	Issued	12/9/19
11/15/19	Kiddie Academy	New Daycare at previous Restaurant	TI	25521 Muirlands Blvd	Issued	1/7/20
6/11/20	National Community Renaissance	Mountain View Housing, 71 units	ND	24551 El Toro Rd	Pending	n/a
8/7/20	City of Laguna Woods	City Hall Public Library	TI	24264 El Toro Rd	Issued	9/23/20
8/13/20	Buchheim Properties III	Handels Ice Cream	TI	23615 El Toro Rd, Ste. Y2	Issued	9/1/20
8/27/20	Buchheim Properties III	Fuddruckers Redevelopment	TI	23621 El Toro Rd	Issued	9/22/20
tbd	Merlone Geier Partners	Village at Laguna Hills	ND	LH Mall Site	Pending	n/a

ND = New Development

TI = Tenant Improvement



**EL TORO WATER DISTRICT  
UNAUTHORIZED DISCHARGE SUMMARY  
YEAR OF 2021**

DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	PREVIOUS MAINTENANCE		POST-INCIDENT PREVENTIVE MEASURES	RWQCB	DISCHARGED TO	SPILL VOLUME (PUBLIC) Gallons		SPILL VOLUME (PRIVATE) Gallons		REGULATORY NOTIFICATION AND RESPONSE
						CLEANING	TV				CONTAINED	SPILLED	CONTAINED	SPILLED	
January 16, 2021	Private	Recycled Water	Veeh Ranch Park	Broken Recycled Water Pipe	Turned off customer side ball valve. Called Laguna Woods to fix it.			Notified City ball valve was off and needed to fix it	8	Storm Drain				4448	Region 8, Laguna Woods
February 27, 2021	Private	Sewer	22292 Caminito Tecate	Root Intrusion	Placed sand bags in gutter to prevent spill from entering storm drain. Told residences to stop using water until crew unblocked the sewer.			Notified City and stayed and did surface clean up around residence	8	Gutter and paved surfaces			35	35	Region 8, Laguna Hills, OCHED Flood Control
LEGEND											0	0	35	4,483	
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											
S. = Sticks		P. = Paper		R. = Roots											





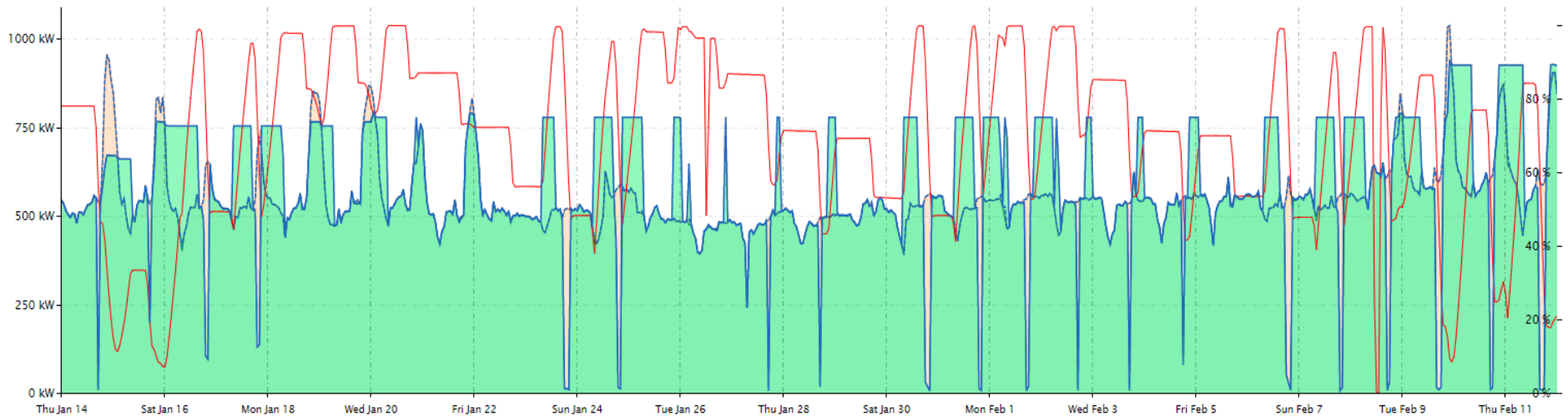
# WRP BATTERY STORAGE SYSTEM

## MONTHLY REPORT

February, 2021

Year 2

BILLING PERIOD	PEAK REDUCTION	PEAK INCURRED	BILL SAVINGS	NET SAVINGS
09/14/2020 - 10/14/2020	(3 kW)	1,111 kW	\$1,148.81	(\$441.19)
10/14/2020 - 11/13/2020	12 kW	989 kW	\$993.90	(\$596.10)
11/13/2020 - 12/15/2021	91 kW	898 kW	\$1,814.40	\$224.40
12/15/2020 - 01/14/2021	15 kW	739 kW	\$252.77	(\$1,337.23)
01/14/2021 - 02/12/2021	197 kW	1,882 kW	\$2,598.74	\$1,008.74
<b>TOTAL</b>			<b>\$6,808.62</b>	<b>(\$1,141.38)</b>







YOUR BEST PROTECTION

## ACWA JPIA

P. O. Box 619082  
Roseville, CA 95661-9082

phone  
916.786.5742  
800.231.5742

[www.acwajpia.com](http://www.acwajpia.com)

### President

E.G. "Jerry" Gladbach

### Vice President

Tom Cuquet

### Chief Executive Officer

Walter "Andy" Sells

### Executive Committee

Fred Bockmiller

Tom Cuquet

David Drake

E.G. "Jerry" Gladbach

Brent Hastey

Melody A. McDonald

Randall Reed

J. Bruce Rupp

Pamela Tobin

### Core Values

- People
- Service
- Integrity
- Innovation

January 13, 2021

El Toro Water District (E003)  
P.O. Box 4000  
Laguna Hills, CA 92654-4000

### General Manager:

Each year at Fall Conference, the JPIA recognizes members that have a Loss Ratio of 20% or less in either of the Liability, Property, or Workers' Compensation programs (loss ratio = total losses / total premiums).

The members with this distinction receive the "**President's Special Recognition Award**" certificate for each Program that they qualify in.

The JPIA is extremely pleased to present El Toro Water District (E003) with this special recognition and commends the District on the hard work in reducing claims.

Congratulations to you, your staff, Board, and District. Keep up the good work!

The JPIA wishes you the best in 2021.

Sincerely,

E.G. "Jerry" Gladbach  
President

Enclosure: President's Special Recognition Award(s)



# *President's Special Recognition Award*

*The President of the  
ACWA JPIA  
hereby gives Special Recognition to*

## *El Toro Water District*

*for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums"  
in the Property Program for the period 04/01/2016 - 03/31/2019  
announced at the Board of Directors' Meeting in a Virtual Meeting.*



*E. G. "Jerry" Gladbach, President*



*December 15, 2020*





To:	Municipal Water District of Orange County
From:	Syrus Devers, Best Best & Krieger
Date:	February 25, 2021
Re:	March - State Legislative Report

### **Legislature:**

The Legislature is nearing full speed. The budget process is well underway with budget subcommittees meeting every week. The COVID relief package totalling \$7.6 billion was sent to Newsom on the 22nd, which he quickly signed. School reopening continues to be a contentious issue between the Governor and legislators. The California Municipal Utilities Association is spearheading a group effort to persuade the Governor and the Legislature to direct at least \$1 billion for assistance to customers who are behind on water, wastewater, and electric utility bill payments.

Bills are starting to get hearing dates. Senate Natural Resources and Water will hear the first resource bond bill, SB 45 (Portantino), on March 16th. BB&K will report on additional bill hearing dates (if any) at the Workshop meeting. Spring Recess begins on March 25th which means that the last two weeks of March will be packed with hearings.

Bill Matrix: The bill introduction deadline has passed so the universe of bills is largely known, but there are several spot bills so expect to see more bills added to the list in the coming weeks. The total number of bills introduced is lower than previous years, but the number of water policy bills being tracked by BB&K is up. The pandemic has heightened interest in low-income rate assistance programs and changes to the Brown Act for remote hearings by public agencies. Bills on the “Watch” list are significant but not expected to call for an advocacy effort in the near future. Priority bills that are “Out for analysis” are the ones to look at first and there are several. Staff will continue to bring bills up for consideration based on the adopted Policy Principles, but please communicate with staff if you have an interest in a particular bill.

### **Administration:**

The Water Board staff continues to make progress on developing the Safe and Affordable Drinking Water Program and is working with ACWA on criteria for Low Income Rate Assistance (LIRA) programs. ACWA’s primary focus is on preserving existing LIRA programs and is in the process of crafting a response to Senator Dodd on SB 222.





**Recall Effort:**

The recall effort against Newsom is making national news. Proponents have until March 17th to turn in 1.5 million signatures to qualify the recall. They claim to have 1.7 million.

**Activities:**

As indicated last month, there are several new members on the water policy committees. BB&K and MWDOC staff are in the process of setting meetings with each office to acquaint them with MWDOC. By the date of the Workshop, meetings (by Zoom) with each new staff member covering the water policy committees will be complete. These will then be followed with meet/greet meetings with the new members.



# Bill Matrix

Prepared by Syrus Devers, February 25, 2021

## A. Priority Support/Oppose

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
<a href="#">AB 339</a>	<a href="#">Lee</a> D	State and local government: open meetings.	1/29/2021-From printer. May be heard in committee February 28.	1/28/2021-A. P RINT	Current law requires all meetings, as defined, of a house of the Legislature or a committee thereof to be open and public, and requires all persons to be permitted to attend the meetings, except as specified. This bill would require all meetings, including gatherings using teleconference technology, to include an opportunity for all persons to attend via a call-in option or an internet-based service option that provides closed captioning services and requires both a call-in and an internet-based service option to be provided to the public.	Out for Analysis	A. Priority Support/ Oppose	On the agenda for April 7th
<a href="#">AB 361</a>	<a href="#">Rivas, Robert</a> D	Open meetings: local agencies: teleconferences.	2/12/2021-Refer red to Com. on L. GOV.	2/12/2021-A. L . GOV.	Would authorize a local agency to use teleconferencing without complying with the teleconferencing requirements imposed by the Ralph M. Brown Act when a legislative body of a local agency holds a meeting for the purpose of declaring or ratifying a local emergency, during a declared state or local emergency, as those terms are defined, when state or local health officials have imposed or recommended measures to promote social distancing, and during a declared local emergency provided the legislative body makes certain determinations by majority vote.	Out for Analysis	A. Priority Support/ Oppose	On the agenda for March 3rd



<a href="#">AB 377</a>	<a href="#">Rivas, Robert</a> D	Water quality: impaired waters.	2/12/2021-Referred to Com. on E.S. & T.M.	2/12/2021-A. E .S. & T.M.	Would require all California surface waters to be fishable, swimmable, and drinkable by January 1, 2050, as prescribed. The bill would prohibit the state board and regional boards from authorizing an NPDES discharge, waste discharge requirement, or waiver of a waste discharge requirement that causes or contributes to an exceedance of a water quality standard, or from authorizing a best management practice permit term to authorize a discharge that causes or contributes to an exceedance of a water quality standard in receiving waters. The bill would prohibit, on or after January 1, 2030, a regional water quality control plan from including a schedule for implementation for achieving a water quality standard that was adopted as of January 1, 2021, and would prohibit a regional water quality control plan from including a schedule for implementation of a water quality standard that is adopted after January 1, 2021, unless specified conditions are met.	Out for Analysis	A. Priority Support/ Oppose	On the agenda for April 7th.
<a href="#">AB 442</a>	<a href="#">Mayes</a> I	Surface Mining and Reclamation Act of 1975: exemption: Metropolitan Water District of Southern California: single master reclamation plan.	2/12/2021-Referred to Coms. on NAT. RES. and W.,P., & W.	2/12/2021-A. N AT. RES.	The Surface Mining and Reclamation Act of 1975 exempts certain activities from the provisions of the act, including, among others, emergency excavations or grading conducted by the Department of Water Resources or the Central Valley Flood Protection Board for the specified purposes; surface mining operations conducted on lands owned or leased, or upon which easements or	Out for Analysis	A. Priority Support/ Oppose	On the agenda for March 3rd.



					rights-of-way have been obtained, by the Department of Water Resources for the purpose of the State Water Resources Development System or flood control; and surface mining operations on lands owned or leased, or upon which easements or rights-of-way have been obtained, by the Central Valley Flood Protection Board for the purpose of flood control. This bill would additionally exempt from the provisions of the act emergency excavations or grading conducted by the Metropolitan Water District of Southern California (MWD) for its own operations and infrastructure for specified purposes.			
<a href="#">AB 703</a>	<a href="#">Rubio, Blanca</a> D	Open meetings: local agencies: teleconferences.	2/17/2021-From printer. May be heard in committee March 19.	2/16/2021-A. P RINT	Current law, by Executive Order N-29-20, suspends the Ralph M. Brown Act's requirements for teleconferencing during the COVID-19 pandemic, provided that notice requirements are met, the ability of the public to observe and comment is preserved, as specified, and that a local agency permitting teleconferencing have a procedure for receiving and swiftly resolving requests for reasonable accommodation for individuals with disabilities, as specified. This bill would remove the requirements of the act particular to teleconferencing and allow for teleconferencing subject to existing provisions regarding the posting of notice of an agenda and the ability of the public to observe the meeting and provide public comment. The bill would require that, in	Out for Analysis	A. Priority Support/ Oppose	On the agenda for March 3rd.



					each instance in which notice of the time of the teleconferenced meeting is otherwise given or the agenda for the meeting is otherwise posted, the local agency also give notice of the means by which members of the public may observe the meeting and offer public comment and that the legislative body have and implement a procedure for receiving and swiftly resolving requests for reasonable accommodation for individuals with disabilities, consistent with the federal Americans with Disabilities Act, as provided.			
<a href="#">AB 1434</a>	<a href="#">Friedman</a> D	Urban water use objectives: indoor residential water use.	2/22/2021-Read first time.	2/19/2021-A. P RINT	Would establish, beginning January 1, 2023, until January 1, 2025, the standard for indoor residential water use as 48 gallons per capita daily. The bill would establish, beginning January 1, 2025, the standard as 44 gallons per capita daily and, beginning January 1, 2030, 40 gallons per capita daily. The bill would eliminate the requirement that the department, in coordination with the state board, conduct necessary studies and investigations and jointly recommend to the Legislature a standard for indoor residential water use.	Out for Analysis	A. Priority Support/ Oppose	On the agenda for April 7th.
<a href="#">AB 1500</a>	<a href="#">Garcia, Eduardo</a> D	Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022.	2/22/2021-Read first time.	2/19/2021-A. P RINT	Would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022, which, if approved by the voters, would authorize the issuance of bonds in the amount of	Out for Analysis	A. Priority Support/ Oppose	



					\$6,700,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, and workforce development programs.			
<a href="#">SB 45</a>	<a href="#">Portantino</a> D	Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2022.	2/17/2021-Set for hearing March 16.	1/28/2021-S. N. R. & W.	Would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2022, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$5,510,000,000 pursuant to the State General Obligation Bond Law to finance projects for a wildfire prevention, safe drinking water, drought preparation, and flood protection program.	Out for Analysis	A. Priority Support/ Oppose	
<a href="#">SB 222</a>	<a href="#">Dodd</a> D	Water Affordability Assistance Program.	2/8/2021-Withdrawn from committee. Re-referred to Coms. on E., U. & C. and E.Q.	2/8/2021-S. E. U., & C.	Would establish the Water Affordability Assistance Fund in the State Treasury to help provide water affordability assistance, for both drinking water and wastewater services, to low-income ratepayers and ratepayers experiencing economic hardship in California. The bill would make moneys in the fund available upon appropriation by the Legislature to the state board to provide, as part of the Water Affordability Assistance Program established by the bill, direct water bill assistance, water bill credits, water crisis assistance, affordability assistance, and short-term assistance to public water systems to administer program components.	Watch	A. Priority Support/ Oppose	Position adopted 2/3/2021
<a href="#">SB 223</a>	<a href="#">Dodd</a> D	Discontinuation of residential	1/28/2021-Referred to Coms. on	1/28/2021-S. E. U., & C.	Current law prohibits an urban and community	Opposition	A. Priority	Oppose position



		water service.	E., U. & C., EQ., and JUD. Referral to Com. on JUD. rescinded because of the limitations placed on committee hearings due to ongoing health and safety risks of the COVID-19 virus.		water system, defined as a public water system that supplies water to more than 200 service connections, from discontinuing residential water service for nonpayment until a payment by a customer has been delinquent for at least 60 days. Current law requires an urban and community water system to have a written policy on discontinuation of residential service for nonpayment, including, among other things, specified options for addressing the nonpayment. Current law requires an urban and community water system to provide notice of that policy to customers, as provided. This bill would apply those provisions, on and after July 1, 2022, to a very small community water system, defined as a public water system that supplies water to 200 or fewer service connections used by year-long residents.		Support/ Oppose	taken on 2/3/2021
<a href="#">SB 230</a>	<a href="#">Portantino</a> D	State Water Resources Control Board: Constituents of Emerging Concern Program.	1/28/2021-Refer red to Com. on EQ.	1/28/2021-S. E. Q.	Would require the State Water Resources Control Board to establish, maintain, and direct an ongoing, dedicated program called the Constituents of Emerging Concern Program to assess the state of information and recommend areas for further study on, among other things, the occurrence of constituents of emerging concern (CEC) in drinking water sources and treated drinking water. The bill would require the state board to convene, by an unspecified date, the Science Advisory Panel to review and provide recommendations to the state board on CEC for further action, among	Out for Analysis	A. Priority Support/ Oppose	On the agenda for April 7th.



					other duties. The bill would require the state board to provide an annual report to the Legislature on the ongoing work conducted by the panel.			
<a href="#">SB 323</a>	<a href="#">Caballero</a> D	Local government: water or sewer service: legal actions.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended. (Ayes 32. Noes 4.)	2/17/2021-S. G OV. & F.	Current law prohibits a local agency from imposing fees for specified purposes, including fees for water or sewer connections, as defined, that exceed the estimated reasonable cost of providing the service for which the fee is charged, unless voter approval is obtained. Current law provides that a local agency levying a new a water or sewer connection fee or increasing a fee must do so by ordinance or resolution. Current law requires, for specified fees, including water or sewer connection fees, any judicial action or proceeding to attack, review, set aside, void, or annul an ordinance, resolution, or motion adopting a new fee or service charge or modifying an existing fee or service charge to be commenced within 120 days of the effective date of the ordinance, resolution, or motion according to specified procedures for validation proceedings. This bill would apply the same judicial action procedure and timelines, as stated above, to ordinances, resolutions, or motions adopting, modifying, or amending water or sewer service fees or charges, except as provided.	Out for Analysis	A. Priority Support/ Oppose	On the agenda for March 3rd.
<a href="#">SB 351</a>	<a href="#">Caballero</a> D	Water Innovation Act of 2021.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended.	2/17/2021-S. N .R. & W.	Current law establishes the State Water Resources Control Board for the purposes of providing for the orderly and efficient administration of the	Out for Analysis	A. Priority Support/ Oppose	On the agenda for March 3rd.



			(Ayes 32. Noes 4.)		water resources of the state. This bill, the Water Innovation Act of 2021, would create the Office of Water Innovation at the California Water Commission for the furtherance of new technologies and other innovative approaches in the water sector. The bill would require the office, by December 31, 2023, to take specified measures to advance innovation in the water sector. The bill would make findings and declarations regarding the need for water innovation.			
<a href="#">SB 403</a>	<a href="#">Gonzalez</a> D	Drinking water: consolidation.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended. (Ayes 32. Noes 4.)	2/12/2021-S. R LS.	The California Safe Drinking Water Act authorizes the State Water Resources Control Board to order consolidation with a receiving water system where a public water system or a state small water system, serving a disadvantaged community, consistently fails to provide an adequate supply of safe drinking water or where a disadvantaged community is substantially reliant on domestic wells that consistently fail to provide an adequate supply of safe drinking water. This bill would authorize the state board to also order consolidation where a water system serving a disadvantaged community is at risk of failing to provide an adequate supply of safe drinking water or where a disadvantaged community is substantially reliant on domestic wells that are at risk of failing to provide an adequate supply of safe drinking water.	Out for Analysis	A. Priority Support/ Oppose	



## B. Watch

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
<a href="#">AB 11</a>	<a href="#">Ward</a> D	Climate change: regional climate change authorities.	1/25/2021-Re-referred to Com. on NAT. RES.	1/11/2021-A. N AT. RES.	Would require the Strategic Growth Council, by January 1, 2023, to establish up to 12 regional climate change authorities to coordinate climate adaptation and mitigation activities in their regions, and coordinate with other regional climate adaptation authorities, state agencies, and other relevant stakeholders.	Watch	B. Watch	
<a href="#">AB 50</a>	<a href="#">Boerner</a> <a href="#">Horvath</a> D	Climate change: Climate Adaptation Center and Regional Support Network: sea level rise.	1/11/2021-Referred to Com. on NAT. RES.	1/11/2021-A. N AT. RES.	Current law requires the Natural Resources Agency, in collaboration with the Ocean Protection Council, to create, and update biannually, a Planning for Sea Level Rise Database describing steps being taken throughout the state to prepare for, and adapt to, sea level rise. This bill would establish the Climate Adaptation Center and Regional Support Network in the Ocean Protection Council to provide local governments facing sea level rise challenges with information and scientific expertise necessary to proceed with sea level rise mitigation.	Watch	B. Watch	
<a href="#">AB 51</a>	<a href="#">Quirk</a> D	Climate change: adaptation: regional climate adaptation planning groups: regional climate adaptation plans.	1/11/2021-Referred to Com. on NAT. RES.	1/11/2021-A. N AT. RES.	Would require the Strategic Growth Council, by July 1, 2022, to establish guidelines for the formation of regional climate adaptation planning groups. The bill would require the council, by July 1, 2023, and in consultation with certain state entities, to develop criteria for the development of regional climate adaptation plans.	Watch	B. Watch	



<a href="#">AB 59</a>	<a href="#">Gabriel D</a>	Mitigation Fee Act: fees: notice and timelines.	1/11/2021-Referred to Coms. on L. GOV. and H. & C.D.	1/11/2021-A. L. GOV.	Current law authorizes any party to protest the imposition of a fee, dedication, reservation, or other exactions imposed on a development project within 90 or 120 days of the imposition of the fee, as applicable, and specifies procedures for those protests and actions. The Mitigation Fee Act imposes the same requirements on a local agency for a new or increased fee for public facilities. Current law, for specified fees, requires any judicial action or proceeding to attack, review, set aside, void, or annul an ordinance, resolution, or motion adopting a new fee or service charge or modifying an existing fee or service charge to be commenced within 120 days of the effective date of the ordinance, resolution, or motion. Current law also provides that, if an ordinance, resolution, or motion provides for an automatic adjustment in a fee or service charge and the adjustment results in an increase in the fee or service charge, that any action to attack, review, set aside, void, or annul the increase to be commenced within 120 days of the increase. This bill would increase, for fees and service charges and for fees for specified public facilities, the time for mailing the notice of the time and place of the meeting to at least 45 days before the meeting.	Watch	B. Watch	
<a href="#">AB 100</a>	<a href="#">Holden D</a>	Drinking water: pipes and fittings: lead content.	1/11/2021-Read first time. Referred to Com. on E.S. & T.M.	1/11/2021-A. E. S. & T.M.	The California Safe Drinking Water Act prohibits, with certain exceptions, the use of any pipe, pipe or plumbing fitting or fixture, solder, or flux	Watch	B. Watch	



					that is not lead free in the installation or repair of any public water system or any plumbing in a facility providing water for human consumption. The act defines "lead free" for purposes of conveying or dispensing water for human consumption to mean not more than 0.2% lead when used with respect to solder and flux and not more than a weighted average of 0.25% lead when used with respect to the wetted surfaces of pipes and pipe fittings, plumbing fittings, and fixtures. This bill would additionally define "lead free," with respect to endpoint devices, as defined, to mean that the devices do not leach more than one microgram of lead under certain tests and meeting a specified certification.			
<a href="#">SB 1</a>	<a href="#">Atkins D</a>	Coastal resources: sea level rise.	2/17/2021-Set for hearing March 16.	1/28/2021-S. N .R. & W.	Thee California Coastal Act of 1976 establishes the California Coastal Commission and provides for planning and regulation of development in the coastal zone, as defined. The act requires the commission, within 90 days after January 1, 1977, to adopt, after public hearing, procedures for the preparation, submission, approval, appeal, certification, and amendment of a local coastal program, including a common methodology for the preparation of, and the determination of the scope of, the local coastal programs, as provided. This bill would also include, as part of the procedures the commission is required to adopt, recommendations and guidelines for the	Watch	B. Watch	



					identification, assessment, minimization, and mitigation of sea level rise within each local coastal program, as provided. The bill would delete the timeframe specified above by which the commission is required to adopt these procedures.			
<a href="#">SB 273</a>	<a href="#">Hertzberg</a> D	Water quality: municipal wastewater agencies.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended. (Ayes 32. Noes 4.)	2/10/2021-S. G OV. & F.	Would authorize a municipal wastewater agency, as defined, to enter into agreements with entities responsible for stormwater management for the purpose of managing stormwater and dry weather runoff, to acquire, construct, expand, operate, maintain, and provide facilities for specified purposes relating to managing stormwater and dry weather runoff, and to levy taxes, fees, and charges consistent with the municipal wastewater agency's existing authority in order to fund projects undertaken pursuant to the bill. The bill would require the exercise of any new authority granted under the bill to comply with the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000. To the extent this requirement would impose new duties on local agency formation commissions, the bill would impose a state-mandated local program.	Watch	B. Watch	
<a href="#">SB 274</a>	<a href="#">Wieckowski</a> D	Local government meetings: agenda and documents.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended. (Ayes 32. Noes 4.)	2/10/2021-S. G OV. & F.	The Ralph M. Brown Act, requires meetings of the legislative body of a local agency to be open and public and also requires regular and special meetings of the legislative body to be held within the boundaries of the territory over which the	Watch	B. Watch	



					<p>local agency exercises jurisdiction, with specified exceptions. Current law authorizes a person to request that a copy of an agenda, or a copy of all the documents constituting the agenda packet, of any meeting of a legislative body be mailed to that person. This bill would require a local agency with an internet website, or its designee, to email a copy of, or website link to, the agenda or a copy of all the documents constituting the agenda packet if the person requests that the items be delivered by email. If a local agency determines it to be technologically infeasible to send a copy of the documents or a link to a website that contains the documents by mail or by other electronic means, the bill would require the legislative body or its designee to send by mail a copy of the agenda or a website link to the agenda and to mail a copy of all other documents constituting the agenda packet, as specified.</p>			
<a href="#">SB 526</a>	<a href="#">Min D</a>	Community water systems: lead user service lines.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended. (Ayes 32. Noes 4.)	2/17/2021-S. R LS.	<p>Current law requires, by July 1, 2020, a community water system with known lead user service lines in use in its distribution system to provide a timeline for replacement of those lines to the State Water Resources Control Board. Current law requires the state board to review and approve an established timeline, and requires, if the state board fails to act within 30 days of the submission of the timeline, the timeline to be deemed approved. Current law authorizes</p>	Watch	B. Watch	



					the state board to enforce these requirements, as specified, and a violation is considered a violation of the California Safe Drinking Water Act, subjecting the violator to specified civil and criminal penalties. This bill would, until January 1, 2025, require a community water system to remove or replace the full lead user service line, if the community water system disturbs, removes, or replaces a portion thereof. The bill would apply the above-described enforcement provisions to a violation of the requirements of the bill, thereby creating a state-mandated local program by expanding the scope of crimes under the California Safe Drinking Water Act.			
<a href="#">SB 552</a>	<a href="#">Hertzberg</a> D	Drought planning: small water suppliers: nontransient noncommunity water systems.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended. (Ayes 32. Noes 4.)	2/18/2021-S. R LS.	Would require small water suppliers, as defined, and nontransient noncommunity water systems that are schools, no later than December 31, 2022, to develop and submit to the Division of Drinking Water for the State Water Resources Control Board an Emergency Response Plan that includes specified drought-planning elements. The bill would require these water systems to report specified water supply condition information to the state board through the state board's Electronic Annual Reporting System, and to include water system risk and water shortage information in the water systems' Consumer Confidence Reports, as	Watch	B. Watch	



					provided.			
<a href="#">SB 559</a>	<a href="#">Hurtado</a> D	Department of Water Resources: water conveyance systems: Canal Conveyance Capacity Restoration Fund.	2/22/2021-Art. IV. Sec. 8(a) of the Constitution dispensed with. (Ayes 32. Noes 4.) Joint Rule 55 suspended. (Ayes 32. Noes 4.)	2/18/2021-S. R LS.	Would establish the Canal Conveyance Capacity Restoration Fund in the State Treasury to be administered by the Department of Water Resources. The bill would require all moneys deposited in the fund to be expended, upon appropriation by the Legislature, in support of subsidence repair costs, including environmental planning, permitting, design, and construction and necessary road and bridge upgrades required to accommodate capacity improvements. The bill would require the department to expend from the fund, upon appropriation by the Legislature, specified monetary amounts to restore the capacity of 4 specified water conveyance systems, as prescribed, with 2 of those 4 expenditures being in the form of a grant to the Friant Water Authority and to the San Luis and Delta-Mendota Water Authority. The bill would make these provisions inoperative on July 1, 2030, and would repeal the provisions as of January 1, 2031.	Watch	B. Watch	
<b>Total Measures: 25</b>								
<b>Total Tracking Forms: 25</b>								



**Metropolitan Water District of Southern California**  
**State Legislative Matrix**  
**February 4, 2021 – First Year of Legislative Session**

<b>Topic</b>	<b>Bill Number Author</b>	<b>Status</b>	<b>Title – Summary</b>	<b>MWD Position</b>	<b>Effects on Metropolitan</b>
Metropolitan-sponsored bills	<b>SB 230</b> <b>Portantino (D)</b>  Sponsors: Metropolitan and the California Municipal Utilities Association	Introduced 1/19/2021	<b>State Water Resources Control Board: Constituents of Emerging Concern Program</b>  Seeks to create a statewide program to identify and evaluate Constituents of Emerging Concern (CECs) in drinking water sources.	<b>CO-SPONSOR</b>	Metropolitan and the California Municipal Utilities Association are co- sponsoring legislation in response to growing public concern about CECs in drinking water. The bill would establish a CEC Drinking Water Program at the State Water Resources Control Board. The program would set up a consistent and science-based approach for assessing the public health and drinking water consequences of CECs, with the intent to improve knowledge and future regulatory determinations.
Water Bond Infrastructure Funding	<b>SB 45</b> <b>Portantino (D)</b>  Sponsor: Author	Introduced 12/7/2020  Senate Natural Resources & Water Committee	<b>Wildfire, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2022</b>  Places a \$5.51 billion wildfire and water bond on the 2022 ballot for voter approval.	<b>SUPPORT AND AMEND</b>  Based upon Board adopted 2021 State Legislative Priorities and Principles and Board action on SB 45 (Allen, 2018) 6/11/19	Would provide funding to restore areas damaged by wildfires, mitigate future wildfires, create healthy forests and watersheds, protect water supplies and water quality, and protect and restore rivers, streams and lakes.  Metropolitan is seeking amendments to ensure adequate funding for recycled water projects, habitat restoration for threatened and endangered species, water quality monitoring and treatment, and subsidence repairs to conveyance infrastructure projects.



# **ETWD Public Education and Outreach Report**

## **March 25, 2021**

### **Bill Message**

Customer March/April bill message:

March 15 – 21, 2021 was Fix-A-Leak Week. Celebrate by checking your home for leaks and fixing them. Household leaks can waste nearly 1 trillion gallons of water nationwide. For more information, please visit [www.ETWD.com/leakdetection](http://www.ETWD.com/leakdetection).

### **Laguna Woods Village Television**

On March 16<sup>th</sup>, Director Havens participated in a Zoom interview with Lisa Hart for Laguna Woods Television. Director Havens provided an update on El Toro Water District. Director Vergara will be scheduled for an interview in April.

Reminder that the Laguna Woods Village Television presentations are interviews with Lisa Hart on “This Day”. They are not in the same format as they used to be and do not show the presentation while the Directors are being interviewed. The presentation is edited into the interview afterwards.

### **Community Advisory Group Meetings**

Staff continues to work on transitioning the CAG invitations to email through the Constant Contact platform.

### **Website**

Staff is developing a Leak Detection webpage for the District website.

### **Newsletter**

Staff is developing the next ETWD newsletter.



**EL TORO WATER DISTRICT  
CONSERVATION PROGRAM  
Monthly  
Status Report  
March 25, 2021**

**REBATE PROGRAMS**

The SoCal WaterSmart regional rebate program is available to ETWD customers provided by the Metropolitan Water District of Southern California, the Metropolitan Water District of Orange County and ETWD.

The following tables reflect the current device rebates ETWD customers can apply for from August 1, 2020 through June 30, 2022.

Select device purchases are eligible for rebates while meeting eligibility requirements and subject to funding availability. Rebate information can be found at [www.etwd.com/conservation/rebates](http://www.etwd.com/conservation/rebates).

**1) Residential Rebate Program:**

<b>Device</b>	<b>MET Rebate</b>	<b>MWDOC Grant</b>	<b>ETWD Rebate</b>	<b>Total Rebate (up to)</b>
<b>High Efficiency Clothes Washer</b>	<b>\$85</b>		<b>\$115</b>	<b>\$200</b>
<b>Premium High Efficiency Toilet</b>	<b>\$40</b>		<b>\$60</b>	<b>\$100</b>
<b>Rotating Sprinkler Nozzles</b> (min 30 per home)	<b>\$2 ea</b>		<b>\$1</b>	<b>\$3</b>
<b>Smart Irrigation Timer</b>	<b>\$80</b>	<b>\$100</b>	<b>\$75</b>	<b>\$255</b>
<b>Turf Removal Program</b> (up to 5,000 sq ft)*	<b>\$2 sq. ft.</b>		<b>\$1 sq. ft.</b>	<b>\$3 sq. ft.</b>
<b>Soil Moisture Sensor System</b> <1 Acre >1 Acre	<b>\$80</b> <b>\$35/station</b>	<b>\$100</b>	<b>\$75</b>	<b>\$255</b> <b>\$35/station</b>
<b>Hose Bib Irrigation Controller</b>	<b>\$35</b>			<b>\$35</b>
<b>Rain Barrels Cisterns</b> (200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	<b>\$35</b> <b>\$250</b> <b>\$300</b> <b>\$350</b>		<b>\$15</b>	<b>\$50</b> <b>\$250</b> <b>\$300</b> <b>\$350</b>
<b>Spray to Drip Irrigation</b> (up to 5,000 sf of converted area per fiscal year)		<b>\$0.25 sq. ft.</b>		<b>\$0.25 sq. ft.</b>

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



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

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

\*Designated recycled water sites are not eligible for turf removal rebates. Synthetic turf is not eligible for the turf removal rebate. Additional commercial rebates available online at [ocwatersmart.com](http://ocwatersmart.com). MWDOC Grant funding based on availability.

## 3) Actual Customer Rebates and Budget Analysis

Since last month's report there are no new ETWD supplemental rebates in addition to the Metropolitan Water District device rebates and the Municipal Water District of Orange County turf removal program that have been paid.

### **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 February 2021 year-to-date sales, residential accounted for 67% of the overall Tier 3 usage and dedicated irrigation accounted for 58% of Tier 4 usage.

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

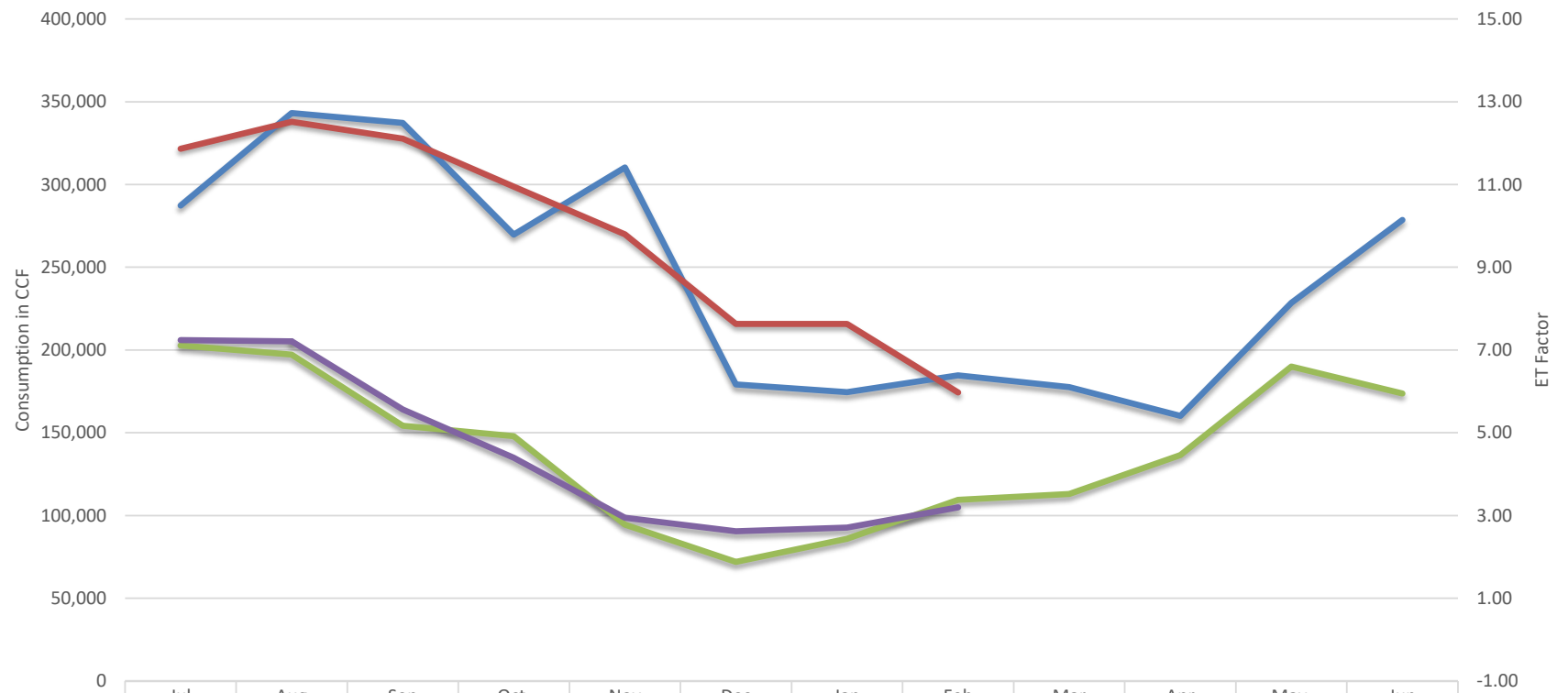
Included in this month's Conservation Report is a chart comparing the current fiscal year 2020/21 consumption and ET factor to the fiscal 2019/20 consumption and ET factor. The ET factor decreased 6% from February 2020 when compared to February 2021. There was a 6% decrease in consumption reflected in February 2021.

### **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.



## Total Consumption Comparison



	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY 2019-2020	287,207	343,163	337,247	269,666	310,344	179,155	174,596	184,609	177,526	160,199	228,443	278,527
FY 2020-2021	321,599	337,881	327,731	298,688	269,822	215,708	215,719	174,359				
FY 19/20 ET	7.11	6.89	5.17	4.92	2.78	1.88	2.44	3.38	3.52	4.46	6.60	5.95
FY 20/21 ET	7.24	7.21	5.56	4.40	2.95	2.62	2.71	3.20				
%	112%	98%	97%	111%	87%	120%	124%	94%				



## 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	15	52.5	17.1	\$49,408
High Efficiency Clothes Washers--Residential	2001	19	26.2	8.5	\$24,657
*SoCal Water Smart Commercial Plumbing Fixtures Rebate Program (ULFT's, HET's, Urinals, HECW, Cooling Tower Conductivity Controllers)	2002	18	51.6	16.8	\$48,561
SmarTimer Program--Irrigation Timers	2004	16	186.4	60.7	\$175,421
Rotating Nozzles Rebate Program	2007	13	137.4	44.8	\$129,307
Turf Removal Program	2010	10	60.2	19.6	\$56,654
**Water Smart Landscape Program - Ended 2016	1997	20	242.9	79.2	\$228,594
Synthetic Turf Rebate Program--Ended 2011	2007	8	0.9	0.3	\$847
***Ultra Low Flush Toilets (ULFT)--Ended 2009	1992	16	193.2	58.0	\$167,487
Computer Controlled Irrigation System--Gate 11--Ended 2006	2001	6	8.9	2.9	\$8,357
<b>Totals</b>			<b>960.2</b>	<b>312.9</b>	<b>\$903,627</b>

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

\*\* Formerly the Landscape Performance Certification Program

\*\*\* Correction on date and total

Because of our participation in Water Use Efficiency Programs, the District will not be using an estimated 312.9 million gallons of water per year.



# Orange County

## Water Use Efficiency Programs Savings and Implementation Report

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

Program	Program Start Date	Retrofits Installed in	Month Indicated		Current Fiscal Year		Overall Program		
			Interventions	Water Savings	Interventions	Water Savings	Interventions	Annual Water Savings[4]	Cumulative Water Savings[4]
High Efficiency Clothes Washer Program	2001	January-21	146	0.42	1,595	16.92	123,027	4,244	37,538
Smart Timer Program - Irrigation Timers	2004	January-21	131	1.88	1,885	90.31	29,308	9,180	64,167
Rotating Nozzles Rebate Program	2007	January-21	0	0.00	763	2.81	571,581	2,792	23,765
Commercial Plumbing Fixture Rebate Program	2002	January-21	220	0.35	613	5.53	110,915	5,295	60,686
Industrial Process/Water Savings Incentive Program (WSIP)	2006	January-21	0	0.00	1	16.08	38	1,284	5,791
Turf Removal Program <sup>[3]</sup>	2010	January-21	69,886	0.79	320,653	18.30	23,256,319	3,257	19,084
High Efficiency Toilet (HET) Program	2005	January-21	15	0.05	107	4.16	60,674	2,243	24,461
Water Smart Landscape Program <sup>[1]</sup>	1997						12,677	10,621	72,668
Home Water Certification Program	2013						312	7.339	15.266
Synthetic Turf Rebate Program	2007						685,438	96	469
Ultra-Low-Flush-Toilet Programs <sup>[2]</sup>	1992						363,926	13,452	162,561
Home Water Surveys <sup>[2]</sup>	1995						11,867	160	1,708
Showerhead Replacements <sup>[2]</sup>	1991						270,604	1,667	19,083
<b>Total Water Savings All Programs</b>				<b>3</b>	<b>325,617</b>	<b>154</b>	<b>25,496,686</b>	<b>54,299</b>	<b>491,997</b>

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

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

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

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



# HIGH EFFICIENCY CLOTHES WASHERS INSTALLED BY AGENCY

through MWDOC and Local Agency Conservation Programs

Agency	FY 12/13	FY13/14	FY14/15	FY15/16	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	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	55	53	36	24	2,035	0.23	620.61	1,053
Buena Park	105	106	91	76	54	50	46	28	24	1,666	0.27	497.77	862
East Orange CWD RZ	10	8	8	8	3	1	6	2	-	201	0.00	64.88	104
El Toro WD	134	121	111	65	47	50	40	29	23	1,663	0.24	497.41	860
Fountain Valley	115	102	110	76	65	48	39	34	22	2,543	0.27	807.38	1,316
Garden Grove	190	162	165	251	127	87	70	63	46	3,829	0.49	1,170.11	1,981
Golden State WC	265	283	359	260	138	156	92	95	69	5,427	0.68	1,663.64	2,808
Huntington Beach	334	295	319	225	180	139	93	115	75	8,668	0.89	2,786.87	4,485
Irvine Ranch WD	1,763	1,664	1,882	1,521	1,369	1,194	883	490	265	27,494	2.67	8,100.14	14,226
La Habra	82	114	87	66	53	48	48	46	29	1,498	0.36	440.83	775
La Palma	34	25	34	29	10	14	7	12	4	495	0.05	150.67	256
Laguna Beach CWD	38	37	39	32	19	20	18	16	13	999	0.16	307.83	517
Mesa Water	114	86	89	113	79	53	42	41	72	2,725	0.73	865.82	1,410
Moulton Niguel WD	442	421	790	688	574	524	357	298	203	11,302	2.03	3,232.29	5,848
Newport Beach	116	92	95	66	61	51	41	28	18	2,762	0.20	899.57	1,429
Orange	218	163	160	124	80	73	56	59	45	4,131	0.51	1,333.38	2,137
San Juan Capistrano	76	73	92	63	33	32	23	26	13	1,553	0.14	480.30	804
San Clemente	140	94	141	75	70	83	64	61	44	2,872	0.47	874.97	1,486
Santa Margarita WD	553	662	792	466	367	271	213	251	167	10,418	1.76	3,095.36	5,391
Seal Beach	31	29	38	23	9	17	8	21	6	654	0.07	200.80	338
Serrano WD	13	10	26	8	11	8	2	7	2	376	0.01	120.37	195
South Coast WD	89	79	68	43	44	36	28	30	17	1,695	0.16	517.30	877
Trabuco Canyon WD	30	45	47	34	28	22	13	12	9	854	0.08	259.87	442
Tustin	78	59	80	66	44	48	34	29	38	1,761	0.39	549.48	911
Westminster	121	82	109	149	84	65	46	36	45	2,778	0.51	853.83	1,437
Yorba Linda	181	167	156	123	55	66	43	62	37	3,959	0.38	1,277.15	2,049
<b>MWDOC Totals</b>	<b>5,365</b>	<b>5,094</b>	<b>6,002</b>	<b>4,726</b>	<b>3,661</b>	<b>3,211</b>	<b>2,365</b>	<b>1,927</b>	<b>1,310</b>	<b>104,370</b>	<b>13.75</b>	<b>31,673.40</b>	<b>20,164</b>
Anaheim	331	285	295	266	213	173	135	119	122	11,231	1.32	3,623.80	5,811
Fullerton	200	186	211	165	107	99	113	84	49	4,040	0.49	1,228.93	2,090
Santa Ana	163	131	132	259	141	124	128	49	114	3,386	1.36	1,012.30	1,752
<b>Non-MWDOC Totals</b>	<b>694</b>	<b>602</b>	<b>638</b>	<b>690</b>	<b>461</b>	<b>396</b>	<b>376</b>	<b>252</b>	<b>285</b>	<b>18,657</b>	<b>3.17</b>	<b>5,865.04</b>	<b>3,604</b>
<b>Orange County Totals</b>	<b>6,059</b>	<b>5,696</b>	<b>6,640</b>	<b>5,416</b>	<b>4,122</b>	<b>3,607</b>	<b>2,741</b>	<b>2,179</b>	<b>1,595</b>	<b>123,027</b>	<b>16.92</b>	<b>37,538.45</b>	<b>23,768</b>



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

Agency	FY 12/13		FY 13/14		FY 14/15		FY 15/16		FY16/17		FY17/18		FY18/19		FY19/20		FY20/21		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	Res	Comm	Res	Comm.	
Brea	9	8	4	0	43	6	20	4	31	4	32	0	33	0	31	0	32	0	259	80	650.09
Buena Park	3	0	0	0	4	10	7	4	10	7	15	3	17	7	22	1	15	1	100	53	225.69
East Orange CWD RZ	2	0	0	0	2	0	1	0	11	1	6	0	1	0	1	0	2	0	35	1	34.78
El Toro WD	7	2	11	0	8	9	9	17	33	8	29	4	34	0	21	3	12	1	211	363	2,982.96
Fountain Valley	3	2	4	0	7	10	13	1	33	12	28	12	36	4	41	(2)	26	0	222	54	278.03
Garden Grove	5	2	9	0	10	14	13	11	28	0	27	2	36	3	31	0	13	0	208	43	249.83
Golden State WC	9	49	9	25	39	12	35	16	56	37	88	6	85	15	89	0	51	0	538	213	1,147.32
Huntington Beach	18	33	20	35	19	2	42	12	88	94	70	30	105	65	71	21	46	2	564	386	1,631.53
Irvine Ranch WD	414	135	71	59	67	310	239	207	344	420	416	78	379	105	292	146	417	46	3,273	2,661	15,058.23
La Habra	4	7	2	0	4	7	3	1	12	7	8	0	19	3	22	(2)	10	0	95	45	272.16
La Palma	1	0	2	0	2	0	3	2	1	0	5	0	7	0	6	0	8	0	36	2	11.21
Laguna Beach CWD	76	2	71	0	86	0	86	1	27	0	11	0	8	0	15	0	9	0	540	20	310.69
Mesa Water	10	2	15	2	17	28	36	12	149	41	49	0	34	55	31	3	10	0	442	212	1,056.92
Moulton Niguel WD	51	74	40	45	46	95	163	100	236	129	284	33	316	64	279	45	279	56	2,072	999	5,001.61
Newport Beach	242	26	168	75	11	9	28	43	30	12	24	0	21	0	11	32	9	12	1,103	453	3,288.87
Orange	20	24	13	9	18	31	51	13	69	10	61	13	93	26	99	15	61	2	599	221	1,268.69
San Juan Capistrano	14	18	6	11	6	19	20	8	22	8	23	5	20	1	24	9	10	0	299	140	854.67
San Clemente	26	7	28	2	28	24	26	3	37	13	38	41	36	0	35	16	23	23	1,183	454	3,359.54
Santa Margarita WD	53	171	64	93	53	321	189	136	326	221	273	220	222	37	223	31	142	164	2,014	1,824	8,154.35
Seal Beach	1	0	1	36	1	12	2	2,446	2	4	5	0	6	31	10	0	1	0	29	2,533	8,531.75
Serrano WD	1	0	0	0	4	0	11	2	4	0	8	0	10	0	9	0	9	0	74	2	22.60
South Coast WD	13	16	8	4	104	73	9	11	7	0	15	2	7	7	14	0	3	0	317	221	1,475.46
Trabuco Canyon WD	6	0	2	0	6	1	16	50	13	3	20	0	33	0	35	0	23	0	214	157	1,178.53
Tustin	8	4	9	1	18	14	33	8	33	23	27	1	37	0	40	0	27	0	274	81	470.96
Westminster	1	1	2	0	13	17	7	1	17	12	22	0	24	0	20	0	8	0	139	44	268.38
Yorba Linda	20	0	12	5	32	2	61	27	72	71	68	10	74	4	111	5	90	9	681	211	1,154.22
MWDOC Totals	1,017	583	571	402	648	1,026	1,123	3,136	1,691	1,137	1,652	460	1,693	427	1,583	323	1,336	316	15,521	11,473	58,939.06
Anaheim	19	10	9	26	7	52	30	34	87	10	66	0	142	73	111	9	127	13	690	552	3,375.50
Fullerton	9	29	8	0	40	26	32	12	53	7	45	0	77	0	61	8	77	2	459	209	1,241.33
Santa Ana	8	19	7	8	9	27	22	26	15	3	16	0	24	20	19	129	14	0	155	249	611.32
Non-MWDOC Totals	36	58	24	34	56	105	84	72	155	20	127	0	243	93	191	146	218	15	1304	1010	5,228.15
Orange County Totals	1,053	641	595	436	704	1,131	1,207	3,208	1,846	1,157	1,779	460	1,936	520	1,774	469	1,554	331	16,825	12,483	64,167



**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			FY 19/20			FY 20/21			Total Program			Cumulative Water Savings across all Fiscal Years
	Small		Large	Small		Large	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.	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	0	0	0	0	0	0	572	2,749	0	86.96
Buena Park	53	0	0	248	0	0	45	98	0	0	0	0	0	0	0	0	0	0	49	0	0	0	0	0	558	173	2,535	909.02
East Orange	30	0	0	221	0	0	0	0	0	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	781	0	0	25.10
El Toro	56	3,288	0	1,741	28,714	0	730	4,457	0	55	242	0	36	0	0	0	0	0	0	0	0	30	0	0	3,435	46,222	890	1,786.20
Fountain Valley	0	0	0	107	0	0	222	0	0	0	0	0	85	0	0	0	283	0	0	0	68	0	0	0	863	283	0	27.98
Garden Grove	80	0	0	88	50	0	110	0	0	55	98	0	52	0	0	0	0	0	72	0	0	0	0	0	1,057	299	0	43.46
Golden State	192	0	0	583	1,741	0	1,088	0	0	207	6,008	0	161	-495	0	35	259	0	63	1,652	0	0	0	0	3,707	12,732	0	414.03
Huntington Beach	120	0	0	798	1,419	0	1,345	2,836	0	149	3,362	0	-37	0	0	0	0	0	65	0	0	30	0	0	3,855	12,526	2,681	1,552.45
Irvine Ranch	11,010	4,257	0	1,421	632	0	1,989	5,047	0	335	9,511	0	356	-215	0	72	0	0	157	0	0	236	0	0	47,958	94,346	2,004	5,868.16
La Habra	15	0	0	109	338	0	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	481	1,236	900	410.43
La Palma	0	0	0	0	0	0	46	505	0	0	2,385	0	33	0	0	0	0	0	0	0	0	0	0	0	89	2,890	0	61.87
Laguna Beach	2,948	878	0	2,879	1,971	0	1,390	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,139	2,896	0	470.55
Mesa Water	361	0	0	229	0	0	166	0	0	113	0	0	36	0	0	0	0	0	50	0	0	0	0	0	2,116	385	343	226.89
Moulton Niguel	361	227	0	1,596	4,587	0	5,492	1,441	0	153	5,872	0	893	0	0	713	38	0	687	0	0	295	0	0	14,462	20,553	2,945	2,123.88
Newport Beach	19,349	6,835	0	460	3,857	0	348	670	0	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	46,723	21,413	0	2,312.34
Orange	245	120	0	304	668	0	631	91	0	0	0	0	0	0	0	30	0	0	67	0	0	0	0	0	3,267	1,072	0	145.68
San Juan Capistrano	370	0	0	495	737	0	310	593	0	75	123	0	59	0	0	40	1,400	0	58	0	0	0	0	0	5,652	10,252	0	548.86
San Clemente	415	5,074	0	326	0	0	426	0	0	0	0	0	146	0	0	0	0	0	35	0	0	44	0	0	10,214	7,538	1,343	975.79
Santa Margarita	389	0	0	1,207	1,513	0	1,820	837	0	15	0	0	224	0	0	30	0	0	229	0	0	0	0	0	16,648	6,921	611	997.51
Seal Beach	0	0	0	40	5,261	0	0	2,300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	7,852	0	220.24
Serrano	105	0	0	377	0	0	695	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,405	0	0	117.83
South Coast	70	0	0	4,993	13,717	0	1,421	2,889	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,130	18,870	0	768.96
Trabuco Canyon	0	0	0	56	0	0	130	0	0	0	4,339	0	0	0	0	0	0	0	0	0	0	0	0	0	2,086	5,130	0	196.90
Tustin	329	0	0	408	0	0	317	386	0	65	-341	0	30	0	0	47	0	0	55	0	0	0	0	0	3,503	1,058	0	152.23
Westminster	0	0	0	54	0	0	73	0	0	105	0	0	50	0	0	42	0	0	0	0	0	0	0	0	556	0	0	16.12
Yorba Linda	40	990	0	921	0	0	1,715	0	0	213	0	0	0	0	0	34	0	0	0	0	0	0	0	0	6,115	4,359	500	556.57
<b>MWDOC Totals</b>	<b>36,622</b>	<b>21,669</b>	<b>0</b>	<b>19,818</b>	<b>65,250</b>	<b>0</b>	<b>20,883</b>	<b>24,634</b>	<b>0</b>	<b>1,556</b>	<b>31,599</b>	<b>0</b>	<b>2,199</b>	<b>-710</b>	<b>0</b>	<b>1,043</b>	<b>1,980</b>	<b>0</b>	<b>###</b>	<b>1,652</b>	<b>0</b>	<b>703</b>	<b>0</b>	<b>0</b>	<b>198,527</b>	<b>281,755</b>	<b>14,752</b>	<b>21,016.00</b>
Anaheim	338	0	0	498	712	0	794	5,221	0	147	3,953	0	0	0	0	0	0	0	0	0	0	0	0	0	4,020	49,799	105	1,672.74
Fullerton	107	0	0	684	1,196	0	521	7,015	0	65	3,034	0	0	0	0	140	0	0	75	0	0	60	0	0	3,185	11,309	1,484	881.09
Santa Ana	86	2,533	0	310	0	0	0	1,420	0	0	1,106	0	0	0	0	0	0	0	34	0	0	0	0	0	893	5,752	0	195.31
<b>Non-MWDOC Totals</b>	<b>531</b>	<b>2,533</b>	<b>0</b>	<b>1,492</b>	<b>1,908</b>	<b>0</b>	<b>1,315</b>	<b>13,656</b>	<b>0</b>	<b>212</b>	<b>8,093</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>109</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>8,098</b>	<b>66,860</b>	<b>1,589</b>	<b>2,749.14</b>
<b>Orange County Totals</b>	<b>37,153</b>	<b>24,202</b>	<b>0</b>	<b>21,310</b>	<b>67,158</b>	<b>0</b>	<b>22,198</b>	<b>38,290</b>	<b>0</b>	<b>1,768</b>	<b>39,692</b>	<b>0</b>	<b>2,199</b>	<b>-710</b>	<b>0</b>	<b>###</b>	<b>1,980</b>	<b>0</b>	<b>###</b>	<b>1,652</b>	<b>0</b>	<b>763</b>	<b>0</b>	<b>0</b>	<b>206,625</b>	<b>348,615</b>	<b>16,341</b>	<b>23,765.15</b>



**COMMERCIAL PLUMBING FIXTURES INSTALLED BY AGENCY<sup>[1]</sup>**  
through MWDOC and Local Agency Conservation Programs

Agency	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	Totals	Cumulative Water Savings across all Fiscal Years
Brea	234	0	10	91	734	242	0	74	154	1,835	759
Buena Park	5	23	56	591	133	49	0	94	0	2,632	1,656
East Orange CWD RZ	0	0	0	0	0	0	0	0	0	0	0
El Toro WD	0	212	6	268	35	737	717	0	0	2,516	929
Fountain Valley	0	0	1	249	0	895	0	398	0	2,165	946
Garden Grove	4	1	167	676	410	0	354	388	0	3,193	2,175
Golden State WC	0	1	0	1,008	53	93	86	80	0	3,124	2,676
Huntington Beach	104	144	7	783	641	10	208	270	0	3,442	2,352
Irvine Ranch WD	1,090	451	725	11,100	5,958	1,599	1,000	15	2	30,482	12,331
La Habra	0	0	0	340	42	0	0	59	0	984	786
La Palma	0	0	0	0	509	0	0	0	0	675	215
Laguna Beach CWD	0	27	0	0	0	0	0	0	0	446	435
Mesa Water	6	0	79	661	782	0	110	19	0	4,383	3,035
Moulton Niguel WD	0	0	3	413	281	506	4,392	764	0	6,939	1,808
Newport Beach	0	0	566	0	0	0	1,596	16	0	3,446	1,998
Orange	1	271	81	275	2,851	458	532	395	2	6,417	2,805
San Juan Capistrano	0	14	0	0	0	0	0	0	0	260	518
San Clemente	0	0	1	0	0	0	0	321	0	753	530
Santa Margarita WD	0	0	2	90	743	598	699	0	0	2,247	528
Seal Beach	0	0	0	0	184	278	0	0	0	816	611
Serrano WD	0	0	0	0	0	0	0	0	0	0	0
South Coast WD	148	0	382	0	0	0	0	0	0	1,320	782
Trabuco Canyon WD	0	0	0	0	0	0	0	0	0	11	20
Tustin	0	0	75	358	212	2	408	254	0	2,066	1,251
Westminster	1	28	0	146	177	25	0	252	186	1,601	1,405
Yorba Linda	1	0	0	226	84	338	0	83	0	1,016	815
<b>MWDOC Totals</b>	<b>1,594</b>	<b>1,172</b>	<b>2,161</b>	<b>17,275</b>	<b>13,829</b>	<b>5,830</b>	<b>10,102</b>	<b>3,482</b>	<b>344</b>	<b>82,769</b>	<b>41,370</b>
Anaheim	165	342	463	3,072	309	1,808	686	592	203	17,042	10,166
Fullerton	94	0	178	476	621	274	384	356	0	3,792	2,474
Santa Ana	16	17	5	1,293	238	582	7	920	66	7,312	6,677
<b>Non-MWDOC Totals</b>	<b>275</b>	<b>359</b>	<b>646</b>	<b>4,841</b>	<b>1,168</b>	<b>2,664</b>	<b>1,077</b>	<b>1,868</b>	<b>269</b>	<b>28,146</b>	<b>19,317</b>
<b>Orange County Totals</b>	<b>1,869</b>	<b>1,531</b>	<b>2,807</b>	<b>22,116</b>	<b>14,997</b>	<b>8,494</b>	<b>11,179</b>	<b>5,350</b>	<b>613</b>	<b>110,915</b>	<b>60,686</b>

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



# INDUSTRIAL PROCESS/WATER SAVINGS INCENTIVE PROGRAM

## Number of Projects by Agency

Agency	FY 11/12	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	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	0	0
Buena Park	0	0	0	0	1	0	0	0	0	0	2	54	655
East Orange	0	0	0	0	0	0	0	0	0	0	0	0	0
El Toro	0	0	0	0	0	0	0	1	0	0	1	9	21
Fountain Valley	0	0	0	0	0	1	0	0	0	0	1	23	90
Garden Grove	0	0	0	0	1	0	0	0	1	0	2	7	10
Golden State	0	0	0	0	0	0	0	0	1	0	2	58	107
Huntington Beach	0	2	0	1	2	0	1	0	0	0	6	180	1077
Irvine Ranch	1	1	1	0	2	1	1	0	0	1	11	147	984
La Habra	0	0	0	0	1	0	0	0	0	0	1	0	1
La Palma	0	0	0	0	0	0	0	0	0	0	0	0	0
Laguna Beach	0	0	0	0	0	0	0	0	0	0	0	0	0
Mesa Water	0	0	0	0	0	0	0	0	0	0	0	0	0
Moulton Niguel	0	0	0	0	0	0	0	0	0	0	0	0	0
Newport Beach	0	0	0	1	0	0	0	0	0	0	1	21	131
Orange	0	0	0	0	1	2	1	0	0	0	5	97	771
San Juan Capistrano	0	0	0	0	0	0	0	0	0	0	0	0	0
San Clemente	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Margarita	0	0	0	0	0	0	0	0	0	0	0	0	0
Seal Beach	0	0	0	0	0	0	0	0	0	0	0	0	0
Serrano	0	0	0	0	0	0	0	0	0	0	0	0	0
South Coast	0	0	0	0	1	1	0	0	0	0	2	134	526
Trabuco Canyon	0	0	0	0	0	0	0	0	0	0	0	0	0
Tustin	0	0	0	0	0	0	0	0	0	0	0	0	0
Westminster	0	0	0	0	0	0	0	1	0	0	1	117	205
Yorba Linda	0	0	0	0	0	0	0	1	0	0	1	20	48
<b>MWDOC Totals</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>36</b>	<b>868</b>	<b>4625</b>
Anaheim	0	0	0	0	0	0	0	0	0	0	0	0	0
Fullerton	0	0	0	0	0	0	0	0	1	0	1	282	422
Santa Ana	0	0	0	0	1	0	0	0	0	0	1	135	743
<b>OC Totals</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>38</b>	<b>1284</b>	<b>5791</b>

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

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



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

Agency	FY 13/14		FY 14/15		FY 15/16		FY 16/17		FY 17/18		FY 18/19		FY 19/20		FY 20/21		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.	Res	Comm.	
Brea	5,697	0	71,981	30,617	118,930	404,411	8,354	479	9,853	27,234	3,180	44,733	8,244	0	3,745	0	240,986	516,940	595.45
Buena Park	0	0	11,670	1,626	77,127	16,490	3,741	0	4,586	0	1,230	0	7,222	0	2,688	0	108,264	18,116	96.35
East Orange	1,964	0	18,312	0	27,844	0	0	0	0	0	0	0	0	0	0	0	48,120	0	42.14
El Toro	4,582	0	27,046	221,612	63,546	162,548	13,139	48,019	7,273	42,510	12,856	9,895	5,203	21,290	4,024	3,667	147,072	582,259	601.93
Fountain Valley	4,252	0	45,583	5,279	65,232	0	3,679	0	8,631	0	5,764	28,700	734	0	2,395	20,921	138,252	62,424	140.05
Garden Grove	8,274	0	67,701	22,000	177,408	49,226	11,504	0	4,487	0	0	0	0	0	0	0	287,921	117,403	380.75
Golden State	32,725	8,424	164,507	190,738	310,264	112,937	0	0	0	0	0	48,595	0	0	0	0	581,902	394,867	887.86
Huntington Beach	20,642	0	165,600	58,942	305,420	270,303	9,560	21,534	14,236	6,032	9,539	40,135	10,225	13,193	14,696	0	587,568	475,065	898.63
Irvine Ranch	36,584	76,400	234,905	317,999	782,844	2,675,629	231,483	46,725	86,893	61,037	55,346	203,014	23,465	30,267	11,740	11,201	1,508,017	3,469,116	3,936.76
La Habra	0	0	14,014	1,818	49,691	72,164	0	0	3,003	0	1,504	0	6,102	0	3,519	0	77,833	90,019	141.30
La Palma	0	0	4,884	0	10,257	59,760	0	0	0	0	0	0	0	0	0	0	15,141	59,760	61.56
Laguna Beach	4,586	226	13,647	46,850	47,614	0	3,059	0	589	0	0	0	1,217	0	0	0	76,887	48,788	114.28
Mesa Water	22,246	0	131,675	33,620	220,815	106,896	4,173	77,033	17,373	77,785	3,023	0	16,189	47,075	9,032	0	441,970	342,409	570.84
Moulton Niguel	14,739	40,741	314,250	1,612,845	889,748	1,059,279	220,749	0	98,271	0	106,574	0	81,778	18,951	13,016	104,549	1,756,102	2,963,554	3,921.36
Newport Beach	894	0	33,995	65,277	76,675	375,404	2,924	0	5,938	6,499	0	90,403	1,294	0	756	8,070	129,478	547,999	518.36
Orange	11,244	0	120,093	281,402	289,990	106,487	12,847	2,366	11,956	0	13,645	1,798	2,190	0	7,749	0	498,636	400,776	784.68
San Clemente	18,471	13,908	90,349	1,137	215,249	438,963	4,267	0	33,083	7,098	6,500	0	6,420	13,719	8,821	0	420,724	487,990	742.05
San Juan Capistrano	12,106	0	101,195	32,366	197,290	143,315	2,624	40,748	0	0	0	0	0	0	0	0	365,415	347,277	686.54
Santa Margarita	17,778	48,180	211,198	514,198	534,048	550,420	17,010	28,094	62,706	25,000	24,616	23,198	11,357	51,999	9,512	0	904,823	1,269,650	1,794.05
Seal Beach	0	0	15,178	504	17,349	15,911	1,234	0	752	0	0	0	996	0	316	0	39,436	16,415	47.68
Serrano	2,971	0	41,247	0	127,877	4,403	5,450	0	555	0	4,000	0	840	0	0	0	182,940	4,403	155.61
South Coast	15,162	116,719	84,282	191,853	181,102	128,290	14,967	0	13,319	7,806	7,574	0	25,465	50,879	2,817	66,624	360,923	582,890	756.15
Trabuco Canyon	2,651	0	14,771	0	42,510	88,272	1,465	0	4,788	0	1,536	0	4,752	49,533	0	0	74,287	160,245	170.51
Tustin	1,410	0	71,285	14,137	232,697	33,362	11,173	0	16,926	0	13,189	6,894	15,343	6,936	10,081	0	382,084	61,329	338.95
Westminster	0	0	14,040	34,631	71,833	23,902	11,112	0	10,033	0	5,924	0	1,962	0	0	0	114,904	58,533	137.29
Yorba Linda	0	0	112,136	12,702	360,279	116,985	19,420	0	9,529	3,696	12,590	12,020	7,773	0	714	0	533,790	145,403	552.48
<b>MWDOC Totals</b>	<b>238,978</b>	<b>304,598</b>	<b>2,195,544</b>	<b>3,692,153</b>	<b>5,493,639</b>	<b>7,015,357</b>	<b>613,934</b>	<b>264,998</b>	<b>424,780</b>	<b>264,697</b>	<b>288,590</b>	<b>509,385</b>	<b>238,771</b>	<b>303,842</b>	<b>105,621</b>	<b>215,032</b>	<b>10,023,475</b>	<b>13,223,630</b>	<b>19,073.60</b>

Anaheim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Fullerton	0	9,214	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9,214	9.99
Santa Ana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
<b>Non-MWDOC Totals</b>	<b>0</b>	<b>9,214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,214</b>	<b>9.99</b>

<b>Orange County Totals</b>	<b>238,978</b>	<b>313,812</b>	<b>2,195,544</b>	<b>3,692,153</b>	<b>5,493,639</b>	<b>7,015,357</b>	<b>613,934</b>	<b>264,998</b>	<b>424,780</b>	<b>264,697</b>	<b>288,590</b>	<b>509,385</b>	<b>238,771</b>	<b>303,842</b>	<b>105,621</b>	<b>215,032</b>	<b>10,023,475</b>	<b>13,232,844</b>	<b>19,084</b>
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[1] Installed device numbers are listed as square feet



## HIGH EFFICIENCY TOILETS (HETs) INSTALLED BY AGENCY

through MWDOC and Local Agency Conservation Programs

Agency	FY 12-13	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	Total	Cumulative Water Savings across all Fiscal Years
Brea	0	38	146	154	4	6	1	0	0	457	155.51
Buena Park	0	96	153	112	13	3	0	2	2	691	274.25
East Orange CWD RZ	0	13	26	24	0	0	0	2	0	88	31.66
El Toro WD	133	218	869	264	12	6	10	5	2	2,060	787.51
Fountain Valley	0	41	132	220	7	8	1	3	0	835	349.88
Garden Grove	0	63	350	363	7	4	5	3	1	1,497	602.68
Golden State WC	2	142	794	512	9	11	5	7	6	2,819	1,118.20
Huntington Beach	0	163	1,190	628	4	3	4	2	8	2,918	1,070.96
Irvine Ranch WD	1,449	810	1,777	2,798	638	239	162	66	23	17,399	7,515.38
Laguna Beach CWD	0	45	112	81	1	4	0	2	4	398	152.23
La Habra	0	37	94	83	5	1	0	0	3	594	266.55
La Palma	0	21	59	52	4	2	4	3	0	231	85.97
Mesa Water	0	147	162	162	7	3	3	15	1	1,640	790.49
Moulton Niguel WD	0	400	2,497	1,939	49	38	21	17	9	5,775	1,837.70
Newport Beach	0	49	168	243	11	6	0	0	3	734	270.89
Orange	1	142	978	416	17	10	5	4	6	2,204	797.05
San Juan Capistrano	0	35	140	202	3	9	4	0	0	536	185.56
San Clemente	0	72	225	246	11	6	10	1	5	894	332.64
Santa Margarita WD	0	528	997	1,152	114	33	11	18	13	3,384	1,083.64
Seal Beach	2	17	50	69	-1	0	0	0	0	857	494.66
Serrano WD	0	2	40	55	3	0	3	0	0	124	39.37
South Coast WD	64	102	398	235	11	7	0	0	0	1,028	354.05
Trabuco Canyon WD	0	10	108	169	2	3	2	0	0	344	108.31
Tustin	0	64	132	201	12	10	4	7	5	1,532	719.84
Westminster	0	35	161	359	3	4	0	0	4	1,339	574.50
Yorba Linda WD	0	40	280	379	12	8	2	6	0	1,267	496.88
<b>MWDOC Totals</b>	1,651	3,330	12,038	11,118	958	424	257	163	95	51,645	20,496.36
Anaheim	0	156	1,188	614	70	19	5	11	9	5,909	2,697.01
Fullerton	0	61	293	286	14	9	8	7	0	1,079	406.40
Santa Ana	0	33	602	293	20	0	4	8	2	2,035	861.35
<b>Non-MWDOC Totals</b>	0	250	2,083	1,193	104	28	17	26	11	9,023	3,964.76
<b>Orange County Totals</b>	1,651	3,580	14,121	12,311	1,062	452	274	189	106	60,668	24,461.12



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



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

## **Revised AGENDA**

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

To Be Held by Teleconference on:  
March 4, 2021  
8:30 a.m.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST **SEVENTY-TWO (72)** HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S 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 BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. 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 SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

### ***FOR MEETING PARTICIPATION:***

***TELECONFERENCE PHONE NUMBER: 213-279-1455***

***TELECONFERENCE ID: 149 170 45***

1. CALL MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ORAL COMMUNICATIONS

*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 THE ITEM IS DISCUSSED BY THE BOARD. THERE WILL BE A THREE-MINUTE LIMIT FOR PUBLIC COMMENTS.*



4. CONSENT CALENDAR

- A. Minutes of Board Meeting ..... 1
- Board of Directors February 4, 2021
- ACTION      The Board will be requested to approve subject Minutes as submitted.
- B. Minutes of Finance Committee Meeting .....38
- Finance Committee January 19, 2021
- ACTION      The Board will be requested to receive and file subject Minutes as submitted.
- C. Minutes of Engineering Committee Meeting .....41
- Engineering Committee January 14, 2021
- ACTION      The Board will be requested to receive and file subject Minutes as submitted.
- D. Financial Reports for the Month of January 2021 .....45
1. Summary of Disbursements for January 2021 (Exhibit A)
  2. Schedule of Funds Available for Reinvestment (Exhibit B)
    - Local Agency Investment Fund (LAIF)
  3. Schedule of Cash and Investments (Exhibit C)
  4. Capital Schedule (Exhibit D)
    - Capital Projects – Graph (Exhibit D-1)
  5. Budget vs. Actual Expenses:
    - Operations and Environmental Summary (Exhibit E-1)
    - Operations and Environmental by PC (E-1.2)
    - Residual Engineering, after transfer to Capital (Exhibit E-2)
    - Administration (Exhibit E-3)
    - Information Technology (IT) (Exhibit E-4)
- ACTION:      The Finance Committee recommends to the Board of Directors to ratify the January 2021 disbursements for the period from January 1, 2021, through January 31, 2021, totaling \$3,583,938 and to receive and file the January 2021 Financial Reports as submitted.
- E. January 2021 Operations Reports .....63
1. Monthly Operational Report
  2. SOCWA Ocean Outfall Discharges by Agency
  3. Beach Ocean Monitoring Report
  4. Recycled Water Report
  5. Pretreatment Report
- ACTION:      The Board will be requested to receive and file the January 2021 Operations Reports as submitted.



PAGE NO

F. Capital Improvement Program Status Report .....102

ACTION: The Board will be requested to receive and file the reports as submitted.

G. Capital Improvement Program Project Financial Status and Change Orders  
[Project Committee 2, 5, 15, & 17] .....118

ACTION: The Board will be requested to receive and file the Capital Improvement Program Project Financial Status and Change Orders Report as submitted.

5. ENGINEERING MATTERS

A. JB Latham Treatment Plant Digester 4 Internal Coating [Project Committee 2] .....134

ACTION: Staff recommends to the PC 2 Board to award the contract to Murphy Industrial Coatings, Inc. in the amount of \$118,895 for the internal coating on the JB Latham Treatment Plant Digester 4.

B. Regional Treatment Plant Aeration Diffuser Upgrade Project Construction Bids  
[Project Committee 17] .....136

ACTION: Engineering Committee recommends to the PC 17 Board to award the construction contract to JR Filanc in the amount of \$1,7747,194 with a contingency of \$209,663 for the construction of the RTP Aeration Diffuser Project.

6. GENERAL MANAGER'S REPORTS

A. Highlights Report for Southern California Alliance of POTWs .....138

- Verbal Report

ACTION: The Board will be requested to provide questions and comments.

B. SOCWA Winter Newsletter .....139

ACTION: Board discussion

C. General Manager's Status Report .....144

ACTION: Information Item

D. Santa Margarita Water District (SMWD) .....

- SMWD General Manager provide verbal report on San Juan Capistrano Reorganization

ACTION: Information Item



7. OTHER MATTERS

Open discussion or items received too late to be agendaized.

Note: Determine the need to take action on the following item(s) introduced by the General Manager which arose subsequent to the agenda being posted.

[Adoption of this action requires a two-thirds vote of the Board, or if less than two-thirds are present a unanimous vote.]

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING  
APRIL 1, 2021



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

**Join Zoom Meeting by clicking on the link below:**

[SOCWA.zoom](https://socwa.zoom.us/j/87238033828)

**Meeting ID: 872 3803 3828**

**Passcode: 700933**

**March 11, 2021**

**8:30 a.m.**

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held by Teleconference on **March 11, 2021 at 8:30 a.m.** SOCWA staff will be present and conducting the call at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California. This meeting is being conducted via Teleconference pursuant to the California Governor Executive Order N-29-20.

*MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA THE WEB-SITE [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON 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 FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.*

**AGENDA**

- 1. Call Meeting to Order**
- 2. Public Comments**



*THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.*

**3. Approval of Minutes**

- Engineering Committee Meeting of February 11, 2021

**Recommended Action:** Staff recommends the Engineering Committee to approve Minutes as submitted.

**4. Operations Report**

**Recommended Action:** Information Item

**5. Capital Improvement Construction Projects Report**

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC-15 Board to approve Change Orders 15 through 21 totaling of \$87,320.

**6. FY 21-22 Budget Flows and Solids Projections**

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the Board of Directors to Utilize the flow and solids numbers contained herein and/or provide additional flow and solids allocations to staff by March 15, 2021 for the FY 21/22 SOCWA Budget planning purposes.

**7. Regional Treatment Plant Aeration PLC Upgrade  
[Project Committee 17]**

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC 17 Board to award the contract to Tesco in the amount of \$98,980 for the aeration PLC upgrade for the Regional Treatment Plant Aeration System.

**8. Coastal Treatment Plant Sludge Force Main Replacement Project  
[Project Committee 15]**

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC 15 Board to award the time and materials contract to Ninyo & Moore in the amount of \$65,790 for the Geotechnical services during construction for the Coastal Treatment Plant Sludge Force Main Project.

**Recommended Action:** Information Item

**9. SOCWA Engineering Capital Improvements Updated Draft Budget**

**Recommended Action:** Information Item



**Adjournment**

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 meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 4th day of March 2021.



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



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

**FINANCE COMMITTEE  
TELECONFERENCE MEETING**

**March 16, 2021  
10:30 a.m.**

**Join Zoom Meeting by clicking on the link below:**

<https://socwa.zoom>

**Meeting ID: 853 5809 3919  
Passcode: 202188**

One tap mobile

+16699006833,,85358093919#,,, \*202188# US (San Jose)  
+13462487799,,85358093919#,,, \*202188# US (Houston)

Dial by your location

+1 669 900 6833 US (San Jose)  
+1 346 248 7799 US (Houston)  
+1 253 215 8782 US (Tacoma)  
+1 301 715 8592 US (Washington DC)  
+1 312 626 6799 US (Chicago)  
+1 929 205 6099 US (New York)

Meeting ID: 853 5809 3919  
Passcode: 202188

Find your local number: <https://socwa.zoom.us/j/85358093919>

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 by Teleconference on **March 16, 2021**, located at 34156 Del Obispo Street, Dana Point, California. This meeting is being conducted via Teleconference pursuant to the California Governor Executive Order N-29-20.

*MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA ON THE WEB-SITE [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST **TWENTY-FOUR (24)** HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON 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 FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"). IF SUCH WRITINGS*



March 16, 2021

ARE DISTRIBUTED TO MEMBERS OF THE FINANCE COMMITTEE LESS THAN **TWENTY-FOUR (24)** HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

### **AGENDA**

#### **1. Call Meeting to Order**

#### **2. Public Comments**

THOSE WISHING TO ADDRESS THE FINANCE COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

#### **3. Approval of Minutes**

- Finance Committee Meeting of February 16, 2021

**Recommended Action:** Staff recommends the Finance Committee to approve minutes as submitted.

#### **4. Financial Reports for the Month of February 2021**

The reports included are as follows:

- a. Summary of Disbursements for February 2021 (Exhibit A)
- b. Schedule of Funds Available for Reinvestment (Exhibit B)
  - Local Agency Investment Fund (LAIF)
- c. Schedule of Cash and Investments (Exhibit C)
- d. Capital Schedule (Exhibit D)
  - Capital Projects – Graph (Exhibit D-1)
- e. Budget vs. Actual Expenses:
  - Operations and Environmental Summary (Exhibit E-1)
  - Operations and Environmental by PC (E-1.2)
  - Residual Engineering, after transfer to Capital (Exhibit E-2)
  - Administration (Exhibit E-3)
  - Information Technology (IT) (Exhibit E-4)

**Recommended Action:** Staff recommends to the Board of Directors to ratify the February 2021 disbursements for the period from February 1, 2021, through February 28, 2021, totaling \$3,746,671, and to receive and file the February 2021 Financial Reports as submitted.



**5. FY 2021-22 Operations & Maintenance / Environmental Budget**

❖ **Staff PowerPoint Presentation**

- Key Budget Assumptions:
  - Environmental Permit Requirements drives Budget Growth
  - COLA, 2.3% estimate, (CPI March final, 4-10-2021)
  - 3% Average Merit
  - Electricity Price Increases
  - Chemicals Usage Increased to Control Odor Levels
  - CO-Gen recurring costs
- Staffing Overview
- Major Cost Drivers
- Co-Generation System Credits and Debits
- Summary O&M by Member Agency
- O&M by Project Committee and Member Agency

**Recommended Action:** Committee discussion and comments

**6. Small Capital Budget**

- Fiscal year 2021-22 spending may include items ordered but not received in FY 2020-21 due to supply disruptions
- Carryover Funds will not be requested; all monies not spent in FY 2020-21 will be refunded with Use Audit.

**Recommended Action:** Committee discussion and comments

**7. SOCWA Unfunded Liability Funding Policy**

**Recommended Action:** Staff recommends to the Finance Committee to recommend to the Board of Directors the approval of the CalPERS Unfunded Liability (OPEB & UAL) Funding Policy.

**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](http://www.socwa.com).

Dated this 12th day of March 2021.



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



MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PLANNING & OPERATIONS COMMITTEE**  
March 1, 2021, 8:30 a.m.

**Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:**

**Computer Audio:** You can join the Zoom meeting by clicking on the following link:  
<https://zoom.us/j/8828665300>

**Telephone Audio:** (669) 900 9128 fees may apply  
(877) 853 5247 Toll-free  
**Webinar ID:** 882 866 5300#

**P&O Committee:**

Director Yoo Schneider, Chair  
Director Nederhood  
Director Seckel

Staff: R. Hunter, J. Berg, V. Osborn,  
H. De La Torre, T. Dubuque,  
D. Micalizzi, H. Baez, T. Baca

Ex Officio Member: Director Tamaribuchi

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MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

**PUBLIC COMMENTS** - Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

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

**ACTION ITEM**

1. CSDA BOARD OF DIRECTORS, SOUTHERN NETWORK, SEAT A - CALL FOR NOMINATIONS
2. ISDOC 2<sup>nd</sup> VICE PRESIDENT CALL FOR NOMINATIONS



**DISCUSSION ITEMS**

3. UPDATE ON COVID-19 (ORAL REPORT)
4. UPDATE ON WEROC ASSESSMENT & BUDGET
5. UPDATE RE: Orange County Water District/Moulton Niguel Water District Pilot Storage Program

**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.)

6. LOCAL LEGISLATIVE ACTIVITIES
  - a. County Legislative Report (Lewis)
  - b. Legal and Regulatory Report (Ackerman)
7. APPROVAL OF AMP CAPACITY FLOW EXCEEDANCE REQUEST – SOUTH COAST WD & THE CITY OF SAN CLEMENTE
8. MWDOC Choice School Programs Update
9. 2021 OC WATER SUMMIT UPDATE
10. February 24<sup>th</sup> Virtual Water Policy Forum
11. STATUS REPORTS
  - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
  - b. WEROC
  - c. Water Use Efficiency Projects
  - d. Public and Government Affairs
12. REVIEW OF ISSUES RELATED TO PLANNING OR ENGINEERING PROJECTS, WEROC, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, PUBLIC AFFAIRS PROGRAMS AND EVENTS, PUBLIC INFORMATION PROJECTS, PUBLIC INFORMATION CONSULTANTS, 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, Fountain Valley, California  
March 3, 2021, 8:30 a.m.

**Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:**

**Computer Audio:** You can join the Zoom meeting by clicking on the following link:  
<https://zoom.us/j/8828665300>

**Telephone Audio:** (669) 900 9128 fees may apply  
(877) 853 5247 Toll-free  
**Webinar ID:** 882 866 5300#

## AGENDA

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### 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. 2108**

### ACTION ITEMS

#### **1. AB 361 (RIVAS) – BROWN ACT: REMOTE MEETINGS DURING EMERGENCIES**

*Recommendation: Adopt a support position on AB 361 (Rivas), and send a letter in support to the Orange County delegation, and the California Special Districts Association (CSDA).*



**2. AB 703 (RUBIO) – BROWN ACT: PUBLIC MEETINGS VIA TELECONFERENCING**

*Recommendation:* Adopt a support position on AB 703 (Rubio), and send a letter in support to the author's office and Orange County delegation.

**3. AB 442 (MAYES) – SURFACE MINING AND RECLAMATION ACT OF 1975: EXEMPTION: METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA**

*Recommendation:* Adopt a support position on AB 442 (Mayes), and authorize staff to sign onto the Metropolitan Water District of Southern California's coalition letter.

**4. H.R. 535 (GARAMENDI) & S. 91 (SINEMA) - SPECIAL DISTRICTS PROVIDE ESSENTIAL SERVICES ACT**

*Recommendation:* Adopt a support position on H.R. 535 (Garamendi, D-CA) and S. 91 (Sinema, D-AZ), and send a letter in support to the Orange County delegation, and the California Special Districts Association (CSDA).

**5. SB 323 (CABALLERO) – WATER/SEWER RATES**

*Recommendation:* Adopt a support position on SB 323 (Caballero), and send a letter in support to the Orange County delegation, and the Association of California Water Agencies (ACWA).

**6. SB 351 (CABALLERO) – WATER INNOVATION ACT OF 2021**

*Recommendation:* Adopt a support position on SB 351 (Caballero), and send a letter in support to the Orange County delegation, and the California Municipal Utilities Association (CMUA).

**PRESENTATION/DISCUSSION ITEMS**

**7. LEGISLATIVE ACTIVITIES**

- a. Federal Legislative Report (NRR)
- b. State Legislative Report (BBK)
- c. MWDOC Legislative Matrix
- d. Metropolitan Legislative Matrix

*Recommendation:* Review and discuss the information presented.



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

*Recommendation: Receive input and discuss the information presented.*

**9. STATUS UPDATE BY MWDOC STAFF REGARDING METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA RATE REFINEMENT PROCESS**

*Recommendation: Review and discuss the information presented.*

**INFORMATION ITEMS**

**10. 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 Finance and Rate Issues
- b. MET's General Manager Recruitment Process
- c. MET's Water Supply Conditions
- d. Colorado River Issues
- e. Delta Conveyance Activities and State Water Project Issues

*Recommendation: Review and discuss the information presented.*

**11. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS**

- a. Summary regarding February MET 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 accommodations should make the request with adequate time before the meeting for the District to provide the requested accommodations.



MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**ADMINISTRATION & FINANCE COMMITTEE**  
March 10, 2021, 8:30 a.m.

**Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:**

**Computer Audio:** You can join the Zoom meeting by clicking on the following link:  
<https://zoom.us/j/8828665300>

**Telephone Audio:** (669) 900 9128 fees may apply  
(877) 853 5247 Toll-free  
**Webinar ID:** 882 866 5300#

**A&F Committee:**

Director McVicker, Chair  
Director Dick  
Director Thomas

Staff: R. Hunter, J. Berg, H. Chumpitazi,  
H. De La Torre, K. Davanaugh, C. Harris

Ex Officio Member: Director Tamaribuchi

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MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

**PUBLIC COMMENTS** - Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

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

**PROPOSED BOARD CONSENT CALENDAR ITEMS**

1. TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report – February 2021
  - b. Disbursement Approval Report for the month of March 2021
  - c. Disbursement Ratification Report for the month of February 2021



- d. GM Approved Disbursement Report for the month of February 2021
  - e. Consolidated Summary of Cash and Investment – January 2021
  - f. OPEB and Pension Trust Fund monthly statement
2. FINANCIAL REPORT - Combined Financial Statements and Budget Comparative for the Period Ending January 31, 2021

**ACTION ITEMS**

- 3. CHANGE ORDER FOR VASQUEZ & COMPANY LLP, FY 2020 ANNUAL AUDIT
- 4. REQUEST FOR WAIVER OF LATE PAYMENT PENALTY FOR IRVINE RANCH WATER DISTRICT
- 5. NATURAL RESOURCES RESULTS (NRR), INCREASE IN MONTHLY RETAINER – CHANGE ORDER

**DISCUSSION ITEM**

- 6. SEND LETTER TO ACWA RE: CONCERNS WITH MEDIMPACT PRESCRIPTION PLAN
- 7. FY 2021-22 SECOND DRAFT BUDGET
- 8. UPDATE ON MWDOC'S 2021 RATE STUDY
- 9. REVIEW OF DISTRICT'S AUTO ALLOWANCE POLICY
- 10. REVIEW OF REQUIREMENTS FOR CSDA'S DISTRICT OF DISTINCTION AWARD (VARIOUS LEVELS)

**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.)**

- 11. PUBLIC HEARING DATE SCHEDULED FOR APRIL 21, 2021 RE ORDINANCE SUPERSEDING AND REPEALING MWDOC ORDINANCE NO. 54 REGARDING COMPENSATION FOR DIRECTORS
- 12. DEPARTMENT ACTIVITIES REPORTS
  - a. Administration
  - b. Finance and Information Technology
- 13. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

**OTHER ITEMS**

- 14. REVIEW ISSUES REGARDING DISTRICT ORGANIZATION, PERSONNEL



## MATTERS, EMPLOYEE BENEFITS FINANCE AND INSURANCE

**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.



REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Fountain Valley, California  
March 17, 2021, 8:30 a.m.

**Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:**

**Computer Audio: You can join the Zoom meeting by clicking on the following link:**

<https://zoom.us/j/8828665300>

<b>Telephone Audio:</b>	<b>(669) 900 9128 fees may apply</b>
	<b>(877) 853 5247 Toll-free</b>
<b>Webinar ID:</b>	<b>882 866 5300#</b>

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**AGENDA**

**MOMENT OF SILENCE**

**ROLL CALL**

**PUBLIC COMMENTS/PARTICIPATION**

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

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

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

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

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

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

**NEXT RESOLUTION NO. 2108**

**CONSENT CALENDAR (Items 1 to 8)**

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



**1. MINUTES**

- a. February 3, 2021 Workshop Board Meeting
- b. February 17, 2021 Regular Board Meeting

*Recommendation: Approve as presented.*

**2. COMMITTEE MEETING REPORTS**

- a. Planning & Operations Committee Meeting: February 1, 2021
- b. Administration & Finance Committee Meeting: February 10, 2021
- c. Executive Committee Meeting: February 18, 2021

*Recommendation: Receive and file as presented.*

**3. TREASURER'S REPORTS**

- a. MWDOC Revenue/Cash Receipt Register as of February 28, 2021
- b. MWDOC Disbursement Registers (February/March)

*Recommendation: Ratify and approve as presented.*

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of January 31, 2021
- d. PARS Monthly Statement (OPEB Trust)

*Recommendation: Receive and file as presented.*

**4. FINANCIAL REPORT**

- a. Combined Financial Statements and Budget Comparative for the Period ending January 31, 2021

*Recommendation: Receive and file as presented.*

**5. CSDA BOARD OF DIRECTORS, SOUTHERN NETWORK, SEAT A – CALL FOR NOMINATIONS**

*Recommendation: Take no action; receive and file.*

**6. CHANGE ORDER FOR VASQUEZ & COMPANY LLP, FY 2020 ANNUAL AUDIT**

*Recommendation: Authorize the General Manager to approve a change order for a \$6,562 increase with Vasquez & Company LLP for FY 2020 Annual Audit not-to-exceed \$26,724.*

**7. REQUEST FOR WAIVER OF LATE PAYMENT PENALTY FOR IRVINE RANCH WATER DISTRICT**

*Recommendation: Waive Irvine Ranch Water District's late water payment penalty of \$18,421.67*



**8. NATURAL RESOURCES RESULTS (NRR), INCREASE IN MONTHLY RETAINER – CHANGE ORDER**

*Recommendation: Approve a change order to the Natural Resource Results (NRR) contract raising their monthly retainer from \$6,500/month to \$8,000/month.*

**End Consent Calendar**

**ACTION CALENDAR**

**9-1 ISDOC 2<sup>ND</sup> VICE PRESIDENT CALL FOR NOMINATIONS RES. NO. \_\_\_\_\_**

*Recommendation: Adopt a Resolution nominating Director Bob McVicker as candidate for ISDOC 2<sup>nd</sup> Vice President.*

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

**10. GENERAL MANAGER'S REPORT, MARCH 2021 (ORAL AND WRITTEN)**

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

**11. MWDOC GENERAL INFORMATION ITEMS**

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

*Recommendation: Receive and file as presented.*

**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.





## 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](http://www.mwdoc.com)

Sat Tamaribuchi  
President

Megan Yoo Schneider, P.E.  
Vice President

Al Nederhood  
Director

Larry D. Dick  
Director

Bob McVicker, P.E. D.WRE  
Director

Karl W. Seckel, P.E.  
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

**ZOOM LINK:** Join Zoom Meeting  
<https://zoom.us/j/290377118>

Meeting ID: **290 377 118**  
Password: **900674**  
Dial-in option: (669) 900-9128

**WHEN:** Thursday, March 18, 2021 from **10:30 am to 12:00 pm.**

### DRAFT AGENDA

#### 1. Opportunity to add and discuss items not already listed.

Page #/Link

#### 2. MWDOC 2021 Rate Study Information/Discussion Items:

2-1. MWDOC Rate Study ..... ([Link](#))

#### 3. General Meeting Information/Discussion Items:

3-1. MWDOC Board Draft Agendas ..... ([Link](#))

3-2. MWDOC FY 2021-22 Second Draft Budget ..... ([Link](#))

3-3. Urban Water Management Plan Internal Draft ..... ([Link](#))

3-4. WEROC Structure and EOCs

#### 4. Update Items:

4-1. COVID-19 Update

4-2. Legislative Items Update

4-3. Dedicated Irrigation Meter Area Measurements

4-4. Economic Benefit Study – Business Survey Update

4-5. Metropolitan Issues Update

#### 5. Report Items:

5-1. Monthly GM Report ..... ([Link](#))

5-2. Legislative Reports ..... ([Link](#))

5-3. WEROC Matrix ..... ([Link](#))

5-4. Grant Funding Opportunities ..... ([Link](#))

#### 6. Announcements:

6-2. Elected Officials Forum ..... April 1, 2021 6pm

6-1. AMP Shutdown ..... April 4 - May 10

#### 7. Next meeting will tentatively be held April 22, 2021.



# LOCAL AGENCY FORMATION COMMISSION ORANGE COUNTY

2677 North Main Street, Suite 1050  
Santa Ana, CA 92705  
(714) 640-5100 ♦ FAX (714) 640-5139

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## REGULAR MEETING AGENDA

Wednesday, March 10, 2021  
8:15 a.m.

### **IMPORTANT NOTICE REGARDING THE MARCH 10, 2021 REGULAR COMMISSION MEETING**

*Due to COVID-19, this meeting will be conducted as a teleconference pursuant to the provisions of the Governor's Executive Orders N-25-20 and N-29-20, which suspend certain requirements of the Ralph M. Brown Act. Members of the public may not attend this meeting in person.*

Participation by Commissioners and staff will be from remote locations. Public access and participation will only be available telephonically and electronically.

To virtually attend the meeting and to be able to view any presentations or additional materials provided at the meeting, please join online via Zoom using the link and information below:

<https://us02web.zoom.us/j/83696478621>

You can also dial in using your phone

1 (669) 900-9128

Webinar ID: 836 9647 8621

**Submission of Public Comments:** For those wishing to submit public comments at the March 10, 2021 Regular Commission meeting, comments on agendized or non-agendized items must be submitted by email to the Commission Clerk at [bcarter-benjamin@oclafco.org](mailto:bcarter-benjamin@oclafco.org) and shall be subject to the same rules as would otherwise govern speaker comments made electronically or in person at any regular Commission meeting. Public comments must be received prior to the commencement of the Commission meeting in order to be accepted. Public comments submitted in accordance with these guidelines shall become part of the record of the regular Commission meeting. Public comments received after the commencement of the meeting or via text or social media (Facebook, Twitter, etc.) will not be accepted.

**Reading of Public Comments:** The Commission Clerk shall read all comments received prior to the commencement of the Commission meeting, provided that the reading shall not exceed three (3) minutes. The Chair, at his discretion, may reduce the time allowance if warranted by the volume of public comments received.



**1. CALL THE MEETING TO ORDER**

**2. ROLL CALL**

**3. ANNOUNCEMENT OF SUPPLEMENTAL COMMUNICATIONS**  
(Communications Received After Agenda Distribution for Agendized Items)

**4. 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.

**5. CONSENT CALENDAR**

**a.) February 10, 2021 – Regular Commission Meeting Minutes**

The Commission will consider approval of the February 10, 2021 meeting minutes.

**6. PUBLIC HEARING**

**a.) 2021-22 OC LAFCO Proposed Budget and Fee Schedule**

The Commission will consider the adoption of the Proposed Fiscal Year 2021-22 OC LAFCO Budget and form of resolution for the fee schedule.

**b.) Proposed “Givens Property Detachment from the City of Orange (CD 20-12)”**

The Commission will consider the proposed detachment of approximately 397 square feet of uninhabited territory from the City of Orange. Pursuant to the California Environmental Quality Act (CEQA), the Commission, as the responsible agency, will review the Notice of Exemption prepared by the County of Orange, as the lead agency, and consider adoption of a Notice of Exemption for the detachment.

**7. COMMISSION DISCUSSION AND ACTION**

**a.) Legislative Report (March 2021)**

The Commission will receive a report on legislation of LAFCO interest.

**8. 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.

**9. EXECUTIVE OFFICER’S REPORT**

Executive Officer’s announcement of upcoming events and brief report on activities of the Executive Officer since the last meeting.

**10. INFORMATIONAL ITEMS & ANNOUNCEMENTS**

No informational items or announcements.



## **11. CLOSED SESSION**

No closed session items scheduled.

## **12. 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 made available to the public on the OC LAFCO website at <http://www.oclafco.org>.*

**NOTICE:** *State law requires that a participant in an OC 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.*

*OC LAFCO Agendas and supporting documentation are available on the Internet at <http://oclafco.org>.*



# ORANGE COUNTY LOCAL AGENCY FORMATION COMMISSION 2021 MEETING CALENDAR

2021

Approved October 14, 2020

January						
S	M	T	W	T	F	S
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- OC LAFCO Regular Meeting (*begins at 8:15 a.m.*)  
**Location:** Meetings are currently conducted electronically and telephonically. Meeting participation and location information are provided in the monthly agenda.
- Annual Strategic Planning Workshop. Time and location will be provided at a later date.
- Office closure due to legal holidays and flexible work schedule.
- CALAFCO Annual Conference - October 6 - 8, 2021 at Hyatt Regency Newport Beach John Wayne Airport.

**Agenda Materials Available Online at <http://oclafco.org>.**





**SOUTH ORANGE COUNTY WATERSHED MANAGEMENT AREA  
MANAGEMENT COMMITTEE**

AGENDA  
March 1, 2021  
1:30 PM – 2:30 PM

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[Join Teams Meeting](#)

Call in number: +1 949-543-0845  
Access code: 523 790 063#



**Shaun Pelletier**

City of Aliso Viejo

**Lisa Zawaski**

City of Dana Point

**Mary Vondrak**

City of Laguna Beach

**Ken Rosenfield**

City of Laguna Hills

**Kathy Nguyen**

City of Laguna Niguel

**Rebecca Pennington**

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

**Norris Brandt**

San Juan Basin Authority

**Joe Parco**

City of San Juan Capistrano

**Grant Sharp**

County of Orange

**Dennis Cafferty**

El Toro Water District

**Mark Tettermer**

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

**Fernando Paludi**

Trabuco Canyon Water District

**David Youngblood**

Laguna Beach County Water District



1. **Welcome & Introductions**
2. **Overview of March 4<sup>th</sup> Executive Committee Agenda**  
*Jenna Voss, County of Orange*
3. **Grant Program Updates**  
*Jenna Voss, County of Orange*
4. **Program Support for IRWM Plan Update & Grant Project Assessment**  
*Jenna Voss, County of Orange*
5. **MC Member Roundtable**  
*Committee*
6. **Next Management Committee Meeting: May 3, 2021**  
**Next Executive Committee Meeting: March 4, 2021**
7. **Closing and Adjourn**



**AGENDA**  
**SOUTH ORANGE COUNTY WATERSHED MANAGEMENT AREA**  
**EXECUTIVE COMMITTEE**



**March 4, 2021**  
2:30 – 4:30 p.m.

**Meeting Held Remotely**

**[Click Here to Join Webinar](#)**

**Call-in: 1-949-543-0845 (conference ID: 363 098 291#)**

**Debbie Neev, Chair**  
Laguna Beach County Water District  
**Saundra Jacobs**  
Santa Margarita Water District  
**Kelly Jennings**  
City of Laguna Niguel  
**Mike Frost**  
City of Dana Point  
**Kay Havens**  
El Toro Water District  
**Karen McLaughlin**  
Irvine Ranch Water District  
**Susan Kempf**  
City of Laguna Beach  
**Dave Wheeler**  
City of Laguna Hills  
**Carol Moore**  
City of Laguna Woods  
**Trish Kelley**  
City of Mission Viejo  
**Neeki Moatazedi**  
City of Lake Forest

**Tiffany Ackley, Vice Chair**  
City of Aliso Viejo  
**Bill Moorhead**  
Moulton Niguel Water District  
**Megan Yoo Schneider**  
Municipal Water District of OC  
**Lisa Bartlett**  
County of Orange  
**Brad McGirr**  
City of Rancho Santa Margarita  
**Steve Knoblock**  
City of San Clemente  
**Derek Reeve**  
San Juan Basin Authority  
**Doug Erdman**  
South Coast Water District  
**Rick Erkeneff**  
South OC Wastewater Authority  
**Ed Mandich**  
Trabuco Canyon Water District  
**Sergio Farias**  
City of San Juan Capistrano

*The Watershed Management Area Executive Committee welcomes you to this meeting and encourages your participation. This agenda contains a brief general description of each item to be considered. Except as otherwise provided by law, no action shall be taken on any items not appearing in the following agenda. However, items may be taken up in a different sequence.*

*As a result of the COVID-19 emergency and Governor Newsom's Executive Orders [N-29-20](#) and [N-33-20](#), this meeting will be held via webinar and teleconference only. Important privacy note: This is a public meeting and as such, the webinar and teleconference access information is published and available to everyone at [www.southocirwm.org](http://www.southocirwm.org). Executive Committee members and staff may attend this meeting via telephone and/or online.*

*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 Executive Committee less than seventy two (72) hours prior to the meeting will be available on the South OC IRWM website at [www.southocirwm.org](http://www.southocirwm.org).*



*In compliance with the American Disabilities Act, those requiring accommodations for this meeting should notify the SOCWMA Meeting Administrator 72 hours prior to the meeting at 714-955-0635 or [maria.tamez@ocpw.ocgov.com](mailto:maria.tamez@ocpw.ocgov.com).*

**TO JOIN THE MEETING:**

**WEBINAR LINK (Microsoft Teams): [South OC WMA EC](#)**

**FOR AUDIO:**

- 1) use computer audio through Microsoft Teams; or
- 2) From Phone: **Dial 1-949-543-0845 (conference ID: 363 098 291#)**

***If you have any questions, please contact the designated SOCWMA Meeting Administrator at [maria.tamez@ocpw.ocgov.com](mailto:maria.tamez@ocpw.ocgov.com) or 714-955-0635.***

**TO PROVIDE PUBLIC COMMENT ON AGENDA ITEMS:**

*Members of the public have the opportunity to submit comments in writing via mail to Maria Tamez (SOCWMA Meeting Administrator) at 2301 N. Glassell, Orange CA 92665 or by email at [maria.tamez@ocpw.ocgov.com](mailto:maria.tamez@ocpw.ocgov.com) prior to the meeting. If submitting comments via mail, please ensure your comments are received prior to August 6, 2020. Comments may also be submitted during the meeting via the “chat” function of Microsoft Teams. Comments on agenda items submitted via comments or email will be read aloud by the SOCWMA Meeting Administrator during the appropriate agenda item. Please identify the applicable agenda item number and keep public comments to three minutes.*

*Public comments on non-agenda topics as noted for Item #2 below are requested in advance to entered into the record; however, you may also submit comments prior to Item #2 via the “chat” function of the webinar during meeting if joining via the webinar.*





## **WELCOME AND PLEDGE OF ALLEGIANCE**

### **ITEM # 1 COMMITTEE MEMBER ROLL CALL & PUBLIC INTRODUCTIONS**

### **ITEM # 2 PUBLIC COMMENTS (NON-AGENDA ITEMS)**

### **ITEM # 3 APPROVAL OF MINUTES**

**Recommended Action:** Approve the minutes of the August 6, 2020 meeting.

### **ITEM # 4 2021 MEETING DATES**

**Recommended Action:** Approve proposed 2021 meeting dates of May 6, August 5 and November 4.

### **ITEM # 5 COMMITTEE CHAIR AND VICE CHAIR NOMINATIONS**

***JENNA VOSS, COUNTY OF ORANGE***

**Recommended Action:** Form a nominating committee to nominate a Chair and Vice Chair to serve a two-year term ending June 30, 2023.

### **ITEM # 6 FY 21 – 23 COST-SHARE BUDGET & WORK PLAN DISCUSSION**

***JENNA VOSS, COUNTY OF ORANGE***

**Recommended Action:** Discuss proposed FY 21 – 23 Cost Share Budget and Work Plan and provide direction to staff.

### **ITEM #7 PRESENTATION: 2019 VOLUMETRIC WATER REUSE REPORT**

***REBECCA GREENWOOD, STATE WATER RESOURCES CONTROL BOARD***

**Recommended Action:** Receive and file.

### **ITEM # 8 EXECUTIVE OFFICER’S REPORT**

### **ITEM # 9 EXECUTIVE COMMITTEE MEMBER COMMENTS**

### **ITEM # 10 ADJOURNMENT – NEXT MEETING DATE: TENTATIVELY MAY 6, 2021**





## AGENDA STAFF REPORTS

### ITEM # 1. INTRODUCTIONS

**Committee Members:** please use the “chat” function to notify the SOCWMA Meeting Administrator you are in attendance. The SOCWMA Meeting Administrator will record your attendance and webinar/call-in ID name, and request confirmation during a verbal roll call. Please make sure to unmute your connection when your name is read aloud during roll call, and then mute again until you would like to speak on subsequent agenda items.

**Members of the Public:** your line will be muted upon joining. As with all SOCWMA Executive Committee meetings, you are welcome to introduce yourself to sign-in but are not required to do so. Please either enter your name as you join or email the SOCWMA Meeting Administrator to ensure your name appears on the public record. If you wish to submit a public comment, please identify yourself in the “chat” function or prior to speaking via a phone connection.

### ITEM # 2. PUBLIC COMMENTS, NON-AGENDA TOPICS

Any member of the public wishing to provide public comment on non-agenda items under the jurisdiction of the Executive Committee may do so during Public Comments by submitting a comment in the “chat” function of the webinar or via email to the SOCWMA Meeting Administrator at [maria.tamez@ocpw.ocgov.com](mailto:maria.tamez@ocpw.ocgov.com) by **2:30 PM on March 4<sup>th</sup> so your comment can be read aloud and your name announced for the record on this item.** All persons addressing the Executive Committee are requested to limit their comments to three minutes.

### ITEM # 3. APPROVAL OF MINUTES

#### MINUTES OF AUGUST 6, 2020 FOR APPROVAL

**Date and Location:** August 6, 2020 2:30 – 4:30 p.m. via WebEx

**\*\*Audio recording for the August 6, 2020 meeting is available [here](#). Recording times noted in the minutes correspond to that item on the recording. \*\***

#### ITEM # 1 Roll Call/Self-Introductions (Recording: 00:00:44)

Debbie Neev, Chair, Laguna Beach County Water District
Tiffany Ackley, Vice Chair, City of Aliso Viejo
Megan Yoo Schneider, Municipal Water District of OC
Bill Moorhead, Moulton Niguel Water District
Jack Hunt, City of San Juan Capistrano
Paul Wyatt, City of Dana Point
Norris Brandt, for Derek Reeves, San Juan Basin Authority
Sandra Jacobs, Santa Margarita Water District
Mary Aileen Matheis, Irvine Ranch Water District
Erica Pezold, City of Laguna Hills
Carol Moore, City of Laguna Woods



Brad McGirr, City of Rancho Santa Margarita
Betty Burnette for <i>Rick Erkeneff</i> , South OC Wastewater Authority
Ed Mandich, Trabuco Canyon Water District
Paul Wyatt, City of Dana Point
Kay Havens, El Toro Water District
Brian Goodell, City of Mission Viejo
Gene James, City of San Clemente

**ITEM # 2      Public Comments (Non-Agenda Items) (Recording: 00:12:36)**

There were no public comments on non-agenda items.

**ITEM # 3      Approval of Minutes (Recording: 00:14:45)**

The minutes of the February 6, 2020 meeting were presented to the Executive Committee for approval.

Ms. Sandra Jacobs, Santa Margarita Water District, requested clarification on Item 7, regarding the members of the Roundtable of Regions. Mr. Andrew McGuire, County of Orange, informed Ms. Jacobs that the Roundtable of Regions is a group comprised of multiple Integrated Regional Water Management (IRWM) representatives from throughout the State that coordinate on IRWM issues. Ms. Jenna Voss participates in the Roundtable of Regions on behalf of the South OC IRWM Group.

**Recommended Action:** Approve the minutes of the February 6, 2020 meeting

*Motion:*                                *Approve minutes*  
*First/Second:*                      *Sandra Jacobs/ Erica Pezold*  
*Abstained:*                          *Debbie Neev, Megan Yoo Schneider, Norris Brandt*  
*Outcome:*                            *Approved*

**ITEM # 4      Urban Drool Tool -Integrating Water Usage Data with Watershed Data to Engage the Community in Using Water Wisely (Recording: 00:22:34)**

*Drew Atwater and Laura Rocha, Moulton Niguel Water District*

Mr. Drew Atwater, and Ms. Laura Rocha, Moulton Niguel Water District (MNWD), provided an overview of the Urban Drool Tool which was developed through a collaborative effort between MNWD and the County of Orange. The tool is meant to educate the public about urban drool generated from inefficient outdoor irrigation and how to prevent it. The tool maintains a current and historic database of water usage metrics. The goal of the tool is to help users understand how urban drool from inefficient outdoor irrigation can impact the watershed they live in and the benefits of staying within their water budgets. The tool provides news bulletins to help users learn about opportunities to reduce urban drool while saving on their water bill.

Ms. Laura Rocha provided in-depth information about how the Urban Drool Tool works. The key objectives of the tool (available at <https://drooltool.app/>) are to quantify and visualize urban runoff from inefficient outdoor irrigation contributing to discharges at storm drain outfalls, compare water use on a neighborhood scale, increase awareness of the impacts of urban drool on the watershed, and provide links to rebate programs and other opportunities to increase the efficiency of outdoor irrigation. The application allows customers within the MNWD service area to see neighborhood trends over time, including how many of their neighbors have participated in rebate programs.





Mr. Brian Goodell, City of Mission Viejo asked for clarification to quantify the term Olympic size pool. As this term can be interpreted many ways. Ms. Erica Pezold, City of Laguna Hills, stated that she is concerned that by reducing the amount of runoff we have it could cause a higher concentration of toxins and chemicals that wind up in the ocean. Mr. Atwater said that the tool is meant to primarily educate the public on water conservation through efficient outdoor irrigation.

Mr. Paul Wyatt, City of Dana Point asked if this tool has been used to educate children and teach them where the water from their neighborhood ends up and how it impacts the ocean. Mr. Atwater informed him that MNWD has an existing partnership with Orange County Coastkeeper to promote the education K-12 students at schools within their service area about the benefits of water conservation, and that the Urban Drool Tool application will be helpful resource moving forward. He expressed interest in working with different organizations including the Ocean Institute. He also stated that reducing urban runoff is a critical task, especially during dry weather, regardless if it is recycled water or not.

Ms. Kay Havens, El Toro Water District, asked what the plan is for marketing the application to HOAs. Mr. Atwater stated that MNWD supports workshops with HOAs such as the annual *H2O for HOAs* event, and that the Urban Drool Tool will be a useful way for HOAs to understand their water use efficiency related to outdoor irrigation.

Ms. Sandra Jacobs, Santa Margarita Water District, asked if the application was able to make a distinction regarding the type of water used for irrigation and identify when recycled water is being used. Mr. Atwater informed her that at this time it just identifies water in general and it does not make a distinction on the type of water it is.

Ms. Betty Burnett, South Orange County Wastewater Authority, asked how frequently the data is being updated. Mr. Atwater informed her that at this time the data is being updated monthly, but over time it will be updated more frequently.

Ms. Megan Yoo Schneider, Municipal Water District of Orange County, asked if they had been able to identify the amount of customer engagement and if the data had been quantified to identify water usage savings. Mr. Atwater said that they do not have that ability yet but over time, as more data is collected, this will be possible. Ms. Schneider inquired how the application can be downloaded. Mr. Atwater said that it is a browser based application that does not require a download and is currently available for use at <https://drooltool.app/>.

Chair Debbie Neev asked that Mr. Atwater return to update the committee on the progress of the Urban Drool Tool application.

**Recommended Action:** Receive and File

**ITEM # 5      California Water Data Consortium -Open & Transparent Water Data (Recording: 01:02:36)**  
***Tara Moran and Mike Myatt, California Water Data Consortium***

Ms. Tara Moran, President and CEO of the California Water Data Consortium, provided an overview of the Open & Transparent Water Data Act (AB 1755) and the newly formed non-profit California Water Data Consortium. Ms. Moran explained that the goal of AB 1755 is to have open and transparent water data in California, with regular updates. The California Department of Water Resources (DWR), in consultation with other water resource management agencies, formed a Partner Agency Team comprised of eight state organizations that worked together and guided the formation of the California Water Data Consortium to support the implementation of AB 1755.

The California Water Data Consortium will develop protocols for data reporting to avoid redundancies, ensure that the Partner Agency Team has an organized way to solicit ideas and feedback, pool and align funds to help California achieve open water data goals, and collaborate to tackle California's most pressing water challenges. Ms. Moran explained that to implement and engage in AB 1755 protocols, a Steering





Committee will be formed. The California Water Data Consortium is accepting applications for members of the Steering Committee, which will be composed of state and non-state agencies.

Ms. Saundra Jacobs asked whether the County's South OC IRWM website was compliant with AB 1755. Ms. Moran answered that since protocols have not been developed there is no metric to measure compliance. Secondly Ms. Jacobs inquired about what Ms. Moran considers California's most pressing water challenges at this time and long term. Ms. Moran said that during the last drought they realized that they did not have enough data or information to make well informed data-driven planning decision. Ms. Jacobs also asked where funding was coming from. Ms. Moran said that it was from different agencies and grants from irrigation and water districts.

Mr. Myatt said that the legislative intent of AB 1755 was to ensure that the State is not providing funding for proprietary tools which may then lock up the data and make it inaccessible. It will also streamline the reporting process to make sure the time is shortened, and resources are saved. Mr. Myatt stated that having a standard process will hopefully encourage voluntary participation by local agencies. Mr. Myatt addressed Ms. Jacobs' question regarding California's most pressing water challenges. He said that there are many pressing challenges at the local level and the CA Water Data Consortium Steering Committee will function as a place to bring experts in implementing and managing water systems together with individuals developing data applications and advancing water research so they can work together to address them.

**Recommended Action:** Receive and file.

**ITEM # 6      Salt and Nutrient Management Plan Review Process Update & Discussion (Recording: 01:34:56)**  
*Amber Baylor, SOCWA*

Ms. Amber Baylor, South Orange County Wastewater Authority (SOCWA), updated the committee on the progress made on the SNMP review since the February meeting. She discussed the recycled water compliance policy and how SOCWA complies with these efforts. Ongoing calls with staff of the San Diego Regional Water Quality Control Board (Regional Board) have been taking place to discuss the SNMP update and progress on revising the Basin Plan objective for total dissolved solids (TDS) within the San Juan Creek Watershed through the Triennial Review process. At the February 2020 meeting, the suggestion of partner agencies providing a letter to the Regional Board encouraging their staff to review the SNMP was brought forward by SOCWA.

Chair Neev, confirmed that each individual agency has the option to submit a letter of support for the review and approval of the updated SNMP by staff of the San Diego Regional Water Quality Control Board. Chair Neev asked if a letter of support had already been drafted. Ms. Burnett informed Chair Neev that the letter was included in the agenda packet for review as Appendix A. Ms. Burnett emphasized how important it is that the updated SNMP be approved by the Regional Board because overall it will make more water available for everyone. Ms. Baylor also asked the Committee to contact her or Ms. Burnett if they want additional details or have technical questions regarding the process.

**Recommended Action:** Consider drafting a letter for submittal to San Diego Regional Water Quality Control Board in support of the review and approval of the 2020 Salt and Nutrient Management Plan, to be submitted at the discretion of each Member Agency on behalf of their agency.

**ITEM # 7      Executive Officer's Report (Recording: 01:54:51)**  
*Grant Sharp, County of Orange*

Mr. Grant Sharp, County of Orange, provided updates on multiple items such as the upcoming tenth anniversary of the SOCWMA IRWM Group Cooperative Agreement in mid-December 2020. Committee





agenda development procedures will be modified to ensure they meet the Brown Act. An update was provided on the Aliso Creek Watershed Project Collaboration Group and the grant programs administered on behalf of the SOCMWA IRWM Group. Mr. Sharp congratulated the four member agencies on their projects awarded funds from Round 1 of Prop 1 and stated the funding agreement will be finalized by the end of September. It is expected that approximately three million dollars will be available in 2021 through the second round of Prop 1. Mr. Sharp also provided an update on the South OC Flow Ecology Special Study, noting that workshops were held in June, while attention was shifting to selection of focal species. Lastly, Mr. Sharp informed the Executive Committee that the Governor released the final version of the Water Resilience Portfolio on July 28, 2020.

Chair Neev congratulated recipients of Prop 1 funding and stated that she looks forward to Round 2.

**ITEM # 8 Executive Committee Member Comments (Recording: 02:14:40)**

Ms. Jacobs wanted to make everyone aware that the South OC Flow Ecology Study, along with other strategies being implemented as part of the South OC Water Quality Improvement Plan, should support efforts to expand the use of recycled water in South Orange County, to increase water resiliency and reliability. She also reminded the Executive Committee members that not all bacteria are harmful, and that stormwater is an important resource, along with groundwater, wastewater and recycled water.

**ITEM #9 Adjournment (Recording: 02:20:34)**

<b>Non-Committee Attendees:</b>	
Amber Baylor	South OC Wastewater Authority
Brian Diaz	Recupero and Associates
Drew Atwater	Moulton Niguel Water District
Dennis Cafferty	El Toro Water District
Don Bunts	Santa Margarita Water District
Fernando Paludi	Trabuco Canyon Water District
Genia Nizkorodov	UC Irvine Student
Hazel McIntosh	City of Rancho Santa Margarita
Helen Yu	San Diego Regional Water Quality Control Board
Jeremy Hohnbaum	City of San Juan Capistrano
Jonathan Cruz	Moulton Niguel Water District
Kathryn Freshley	El Toro Water District
Kenneth Rosenfield	City of Laguna Hills
Kris Taniguchi-Quan	SCCWRP
Lisa Zawaski	City of Dana Point
Laura Rocha	Moulton Niguel Water District
MJ Johnston	Recupero and Associates
<b>County Staff:</b> Grant Sharp, Beatrice Musacchia, Andrew McGuire, Maria Tamez, Tracy Ingebrigtsen, Cindy Rivers, Sarah Rangel	

**END MEETING MINUTES OF AUGUST 6, 2020**

**Recommended Action:** Approve the minutes of the August 6, 2020 meeting.





#### **ITEM # 4. 2021 MEETING DATES**

Executive Committee meetings occur on a quarterly basis. The proposed dates for the remainder of 2021 are as follows: May 6, August 5, and November 4. In order to ensure a quorum at each meeting, Executive Committee members will be asked to provide input on availability for these dates. Please note that the spring and fall Association of California Water Agencies (ACWA) conferences are scheduled for May 12-13, 2021 and November 30 – December 3, 2021, respectively, and do not conflict with the proposed 2021 Committee dates.

**Recommended Action: Approve proposed 2021 meeting dates of May 6, August 5 and November 4.**

#### **ITEM # 5. COMMITTEE CHAIR AND VICE CHAIR NOMINATIONS**

According to the Terms of the Executive Committee Handbook, a new Chair and Vice Chair should be elected for the next two-year term, beginning July 1, 2021 and ending June 30, 2023. The Management Committee recommendation is for the Executive Committee to select a nominating committee to bring back nominees for consideration at the May 4, 2021 meeting. For the FY 2019-2021 term a water agency representative served as Chair and a city representative served as Vice-Chair; the nominating committee should propose a city representative for Chair and a water/wastewater/groundwater representative for Vice Chair for the FY 2021-2023 term. At the May meeting, the committee will vote to confirm a new Chair and Vice Chair.

**Recommended Action: Form a nominating committee to return with nominations for Chair and Vice Chair to serve a two-year term ending June 30, 2023.**

#### **ITEM # 6. DISCUSSION OF PROPOSED FY 21 – 23 COST-SHARE BUDGET & WORK PLAN**

The South OC WMA Cooperative Agreement states that the Executive Committee shall approve an annual work plan and budget for the administration and activities of the WMA, its committees, projects, actions, and administrative support. The budget shall be equally divided amongst the participating agencies in the agreement, and shall be budgeted by each agency in their annual budget. On June 6, 2019 the Executive Committee approved a two-year budget and work plan for FY 2019 – 2021. The cost share budget for FY 2019 – 2020 was \$11,250 and the cost share budget for FY 2020 – 2021 was \$10,795.45. The proposed FY 2021 – 2023 cost-share budget represents the same level of planned expenditure as FY 2019 – 2020.

##### **Current Budget Expenditure Impacts due to COVID & Future Budget Planning**

Due to restrictions on in-person meetings resulting from the COVID-19 pandemic, 2020 expenditures are lower than anticipated. Staff have continued to support the IRWM Group, including maintaining the IRWM Plan, updating the OC Stormwater Resource Plan (OC SWRP), and organizing IRWM meetings; however, fewer meetings than anticipated were held. As stated in the Cooperative Agreement, any unspent funds not otherwise re-allocated by the Committee will be refunded to the Member Agencies through a reduction in the next year's invoice. Unspent funds from 2020 will be refunded on the FY 2021-2022 invoice. It is anticipated that in-person meetings will resume during the next budget cycle.

##### **Proposed Budget for FY 2021 – 2023**

The proposed work plan and budget for FY 2021 – 2023 is included below, broken out into FY 2021 – 2022 and FY 2022 – 2023. As requested by the Committee in 2019, each budget line item and associated planned activities are explained in the following Work Plan budget narrative:





- **Proposition 1 Implementation Grants (Items #1 and #9):** Department of Water Resources (DWR) administers a grant program throughout the state for multi-benefit projects through the IRWM Program. These grants make available a specific amount of funding for each Funding Area – the South Orange County WMA is in the San Diego Funding Area and will receive approximately \$2.5 million for implementation projects in the next round of IRWM Grant funding. The line item for FY 2021-22 is to start the grant application process and support for Round 2 – the solicitation for which is slated for late 2021/early 2022. Funding proposed for FY 2022-2023 also includes funds for Round 2, as the process is expected to take approximately a year and will likely bridge both FYs. Stakeholder coordination for Round 2 will include working with the Management Committee, Executive Committee, and stakeholders to prioritize and approve projects for inclusion in the application to DWR. *This item includes funding for County staff time and consultant support in the shared-cost budget; FTEs are included in Table A.*
  
- **Call for projects and IRWM Plan/Orange County Stormwater Resource Plan (OC SWRP) Project List management (Items #2 and #10):** Each round of IRWM Grant funding begins with a call for projects, whereby member agencies and stakeholders will be solicited for projects to consider in the grant application to DWR. County staff conducts the call for projects and brings the projects to the Management and Executive Committees. Both the IRWM Plan and OC SWRP (appended and incorporated into the IRWM Plan per SB 985) require maintenance of prioritized project lists; support is ongoing, and the Data Management System (DMS)/website provides for submittal of projects any time, in addition to supplemental support provided during a Call for Projects. *This budget includes funding for both County staff time and consultant support in the shared-cost budget; FTEs are included in Table A.*
  
- **Grant administration – Proposition 84 & 1 Implementation Grants (Items #3 and #11):** Grants previously garnered by the WMA include County staff time to administer the associated state and project agreements, process invoices, generate reports, and comply with DWR requirements for grant processing. *County staff time is refunded by the grants themselves; this budget item does not include shared-cost funding.*
  
- **Data management (Items #4 and #12):** DWR requires that IRWM Plans include a “Data Management System” for collecting and making publicly available data associated with implementation of projects funded within each IRWM Region. To comply, the County produced on behalf of the South OC WMA a Data Management System (DMS) website ([www.southocirwm.org](http://www.southocirwm.org)) in the FY 2017 – 19 budget cycle, updated in 2020 to better support project submittal. This budget item includes maintaining and updating this geospatial-based website to include data and reports for each of the projects funded through IRWM Grants in the WMA, and ongoing updates to serve stakeholders. Data management represents a continuation of the previous budgeted tasks and ongoing County staff support. *This budget item includes shared-cost funding for County staff time; FTEs are included in Table A.*
  
- **Committee support (Items #5 and #13):**
  - 4 Executive Committee meetings, including agenda package preparation and minutes
  - 6 Management Committee and/or Stakeholder meetings
  - 6 Ad hoc Committee meetings

Committee support includes administration of Executive Committee, Management Committee, and Stakeholder meetings; funding also includes allocations for ad hoc meetings, where necessary. This item includes support elements such as preparation of agendas, presentations, agenda staff reports, responding to member agency requests and supporting administration of the program. *This budget item is County staff time to administer the program; FTEs are included in Table A.*





- **Regional Project Development & Stakeholder Framework (Items #6 and #14)**: Through the 2015-16 Strategic Visioning process, the Executive Committee expressed interest in supporting development of regional projects for implementation through the IRWM Grant program or by member agencies to meet regional water resource needs. The process to meet this need began in 2018-2019; attendees at an inaugural workshop in 2019 determined watershed-scale collaboration groups would be the most advantageous, choosing to first focus on the Aliso Creek watershed. After four meetings of the Aliso Creek Watershed Project Collaboration Group, significant progress has been made to identify and support project development throughout the watershed. Accomplishments include (but are not limited to): regular attendance by 30-40 different organizations ranging from water agencies, cities, environmental non-profits, academia, transportation representatives, to regulatory entities; development of desired objectives for the watershed; a project list with more than 40 projects planned or desired to meet objectives; and completion and public posting of an Aliso Creek Watershed Reference Guide compendium of watershed data, a summary of overall watershed health, applicable regulatory challenges and potential options for project permitting.

Proposed funds in FY 2020-2021 would continue these efforts, with a focus on project options for the Aliso Creek watershed mainstem, best methods to support and foster projects throughout the watershed, and potential streamlined permitting for projects. Efforts in the Aliso Creek watershed will continue; however, funds proposed in FY 2022-2023 include starting a similar group for the San Juan Creek watershed. *The shared-cost budget includes funding for County staff time and consultant services for this item; FTEs are included in Table A.*

- **Roundtable of Regions (Items #7 and #15)**: The California Integrated Regional Water Management (IRWM) [Roundtable of Regions](#) is a well-established collaborative of representatives from organizations and agencies engaged in the current, ongoing and future success of the IRWM Program in California. The Roundtable of Regions has effectively coordinated with DWR on state initiatives impacting funding for water resource projects in California since 2006. The primary role of the group is to a) promote IRWM and coordinate with DWR and the State Water Resources Control Board on policy applicable to water resource projects, and to b) equip those engaged in the work of integrated water resource management with the tools and partnerships necessary for success. County staff have been engaged with the Roundtable of Regions for several years. This participation has provided exceptional support for the South OC WMA IRWM Group and County staff propose re-instating funds for staff participation in Roundtable meetings, workshops and coordination. *This budget item is for County staff time and travel on behalf of the IRWM Group; FTEs are included in Table A.*
- **Team Arundo program oversight (Items #8 and #16)**: The South OC IRWM Group has supported Team Arundo for over a decade; this important work continues in South OC watersheds. Funding is included in the draft budget to maintain environmental permitting (as necessary), develop map-based tracking of historic and planned removal efforts, and for County staff to advise project proponents on existing, and/or creation of new projects to address Arundo, wherever applicable. *The shared-cost budget includes funding for County staff time and consultant services for this item; FTEs are included in Table A.*

**Table A** below summarizes the two-year budget described above. Budget totals for each FY are highlighted in orange; the total cost-share amount per Member Agency is highlighted in light blue.





**Table A: FY 2021 – 2023 Shared-cost Budget, broken down by program element and by fiscal year**

LINE ITEM	Consultant Services	County Contribution (non-cost share) - Staff FTE, Grant Funded, or Consultant Services	Cost-Shared Staff FTE (\$, FTE, hours)	Total Budget	Net Cost to 22 Member Agencies (Shared Costs)
FY 2021-2022					
1. Proposition 1 Implementation Grant Submittals, IRWM Plan Updates, Stakeholder Support	\$80,000.00	\$10,000.00	\$5,000 0.0355 (74)	\$95,000	\$85,000.00
2. Call for Projects & IRWM/OC SWRP Project List Management	\$7,500.00	\$5,000.00	\$5,000 0.0355 (74)	\$17,500	\$12,500.00
3. Grant Administration	\$0.00	\$60,000.00	N/A	\$60,000	\$0.00
4. Data Management & Monitoring	\$5,000.00	\$5,000.00	\$15,000 0.1025 (213)	\$25,000	\$20,000.00
5. <u>Committee Support</u> : 4 EC, 6 MC/Stakeholder, 6 Ad Hoc	\$0.00	\$0.00	\$60,000 0.4075 (848)	\$60,000	\$60,000.00
6. Regional Project Development & Stakeholder Framework	\$45,000.00	\$12,500.00	\$15,000 0.10 (208)	\$72,500	\$60,000.00
7. Roundtable of Regions	\$0.00	\$0.00	\$2,500 0.0155 (32)	\$2,500	\$2,500.00
8. Team Arundo Program*	\$5,000.00	\$0.00	\$2,500 0.0155 (32)	\$7,500	\$7,500.00
Total	\$142,500.00	\$92,500.00	0.712	\$340,000	\$247,500.00
Amount Per Member Agency				\$11,250	
FY 2022-2023					
9. Proposition 1 Implementation Grant Submittals, IRWM Plan Updates, Stakeholder Support	\$70,000.00	\$5,000.00	\$5,000 0.0355 (74)	\$80,000	\$75,000.00
10. Call for Projects & IRWM/OC SWRP Project List Management	\$2,500.00	\$5,000.00	\$5,000 0.0355 (74)	\$12,500	\$7,500.00
11. Grant Administration	\$0.00	\$60,000.00	N/A	\$60,000	\$0.00
12. Data Management & Monitoring	\$5,000.00	\$5,000.00	\$15,000 0.1025 (213)	\$25,000	\$20,000.00
13. <u>Committee Support</u> : 4 EC, 6 MC/Stakeholder, 6 Ad Hoc	\$0.00	\$0.00	\$60,000 0.4075 (848)	\$60,000	\$60,000.00
14. Regional Project Development & Stakeholder Framework	\$57,500.00	\$10,000.00	\$17,500 0.11 (234)	\$85,000	\$75,000.00
15. Roundtable of Regions	\$0.00	\$0.00	\$2,500 0.0155 (32)	\$2,500	\$2,500.00
16. Team Arundo Program*	\$5,000.00	\$0.00	\$2,500 0.0155 (32)	\$7,500	\$7,500.00
Total	\$145,000.00	\$85,000.00	0.722	\$332,500	\$247,500.00
Amount Per Member Agency				\$11,250	

\*Renewal of regulatory permits to maintain Team Arundo (e.g. CDFW 1600, RGP 41)





The proposed work plan and budget will be scheduled for approval at the May 6, 2021 Executive Committee meeting and will take effect July 1, 2021.

Recommended Action: Receive and file

## ITEM # 7. PRESENTATION: 2019 VOLUMETRIC WATER REUSE REPORT

Ms. Rebecca Greenwood, State Water Resources Control Board (SWRCB), will summarize the first Volumetric Water Reuse Report data collection effort for the 2019 reporting year. Approximately 750 wastewater and recycled water permittees statewide are required to submit volume data on influent, effluent, and recycled water use for the previous calendar year by April 30 annually. This report is utilized to assess progress in meeting statewide goals for recycled water. On January 5, 2021, SWRCB staff presented the results from the 2019 Volumetric Annual Report to the State Water Board. For more detail, access the full dataset for the 2019 Volumetric Annual Report of wastewater and recycled water on the [California Open Data Portal](#).

For a summary of the first report, see the infographic included as **Attachment A: Volumetric Annual Reporting of Wastewater and Recycled Water 2019 Calendar Year Results**.

Recommended Action: Receive and file.

## ITEM # 8. EXECUTIVE OFFICER'S REPORT

Ms. Amanda Carr, County of Orange, will provide an update on several ongoing projects and efforts within the South Orange County Watershed Management Area including, but not limited to the following:

- **Stormwater Capture Drivers, Impediments, and Future Visions webinar on February 3, 2021:** The WaterReuse Association hosted a webinar co-hosted by the US Environmental Protection Agency (US EPA), National Municipal Stormwater Alliance, ReNUWit Engineering Research Center, and Water Environment Federation to discuss motivations to pursue stormwater capture/use projects, the key impediments to their success, and a vision for stormwater capture in the future. The US EPA is currently working on a Water Reuse Action Plan (WRAP). Ms. Amanda Carr will describe the webinar, and potential opportunities to engage US EPA and water resource agencies in South Orange County to address permitting concerns for stormwater capture and use projects.
- **The tenth anniversary of the SOCWMA IRWM Group Cooperative Agreement on December 14, 2020:** Mr. Grant Sharp noted the ten-year milestone of the Cooperative Agreement at the August Executive Committee meeting; an update will be provided.
- **The Aliso Creek Watershed Project Collaboration Group:** a comprehensive Reference Guide was completed and posted at <https://www.southocirwm.org/pages/regional> for public comment. Ms. Amanda Carr will provide a brief update on future efforts of the group.
- **Water Quality Improvement Plan (WQIP) Implementation:** the 2019-2020 WQIP Annual Report was submitted to the San Diego Regional Water Quality Control Board (RWQCB) on February 1, 2021. The 2019-2020 report and past reports are at: <https://www.southocwqip.org/pages/reporting-adaptive-management>. A story map summarizing the 2019-2020 WQIP Annual Report can be found [here](#).





- **Draft Bacteria Total Maximum Daily Load (TMDL) Time Schedule Order Issued:** the San Diego RWQCB issued a Tentative Time Schedule Order (TSO) R9-2021-0028 to designated Responsible Permittees to comply with bacteria Total Maximum Daily Load (TMDL) final receiving water limitations for dry weather in the Regional Municipal Stormwater Permit. The purpose of the TSO is to provide the Responsible Permittees time to attain compliance with the Bacteria TMDL based on a reasonable schedule while protecting human health until bacterial water quality objectives are attained in the receiving waters. The Tentative TSO proposes to extend the final dry weather compliance due date by five years to December 31, 2025. The TSO can be found on the RWQCB website ([https://www.waterboards.ca.gov/sandiego/board\\_decisions/tentative\\_orders/](https://www.waterboards.ca.gov/sandiego/board_decisions/tentative_orders/)). Comments on the TSO are due March 12, 2021. The Copermittees (County and South Orange County cities) are currently drafting comments.
- **Biological Objectives Issued by San Diego RWQCB:** the San Diego RWQCB voted to amend the Basin Plan to include biological objectives at their December 8, 2020 meeting. [Resolution No. R9-2020-0234](#) can be found on the RWQCB website.
- **Cutting the Green Tape Permitting Workshop:** The California Department of Fish and Wildlife (CDFW) will conduct a restoration permitting workshop on March 2, 2021 to support the Cutting the Green Tape initiative. CDFW permitting specialists will provide an informative overview of existing and new restoration permitting options and case studies to support future restoration projects. The workshop flyer is available [here](#).
- **Grant programs administered on behalf of the SOCWMA IRWM Group:** 1) The Proposition 1 – Round 1 IRWM Implementation Grant agreement will likely be finalized in March and project proponents can immediately start processing invoice materials; two projects will be enrolled once final permitting is completed. 2) The State Water Resources Control Board Division of Finance issued draft funding recommendations for Proposition 1 Storm Water Grant funding (Round 2) – Santa Margarita Water District’s Upper San Juan Creek Storm Water Capture, Infiltration, and Potable Reuse Project was awarded \$ 5,967,691. Re-certification of the Orange County Stormwater Resources Plan (OC SWRP) by the SWRCB is forthcoming. The OC SWRP represents Appendix L of the South OC IRWM Plan (inclusion in the plan is required by SB 985) and facilitates funding for stormwater capture projects through State bond-funded grant programs.
- **Aliso Creek Investigative Order:** The SDRWQCB issued Investigative Order No. R9-2020-0265 Aliso Beach and Breaching of Sand Bar Berm at the Mouth of Aliso Creek on December 31, 2020 to the County. In response to the order, the County prepared and submitted to the SDRWQCB a report summarizing the requested information on March 1, 2021.

**Recommended Action:** Receive and file.

## ITEM # 9. EXECUTIVE COMMITTEE MEMBER COMMENTS

## ITEM # 10. ADJOURNMENT

Next meeting date: May 6, 2021 (Tentative until approved)





## **Appendix A: Volumetric Annual Reporting of Wastewater and Recycled Water 2019 Calendar Year Results.**

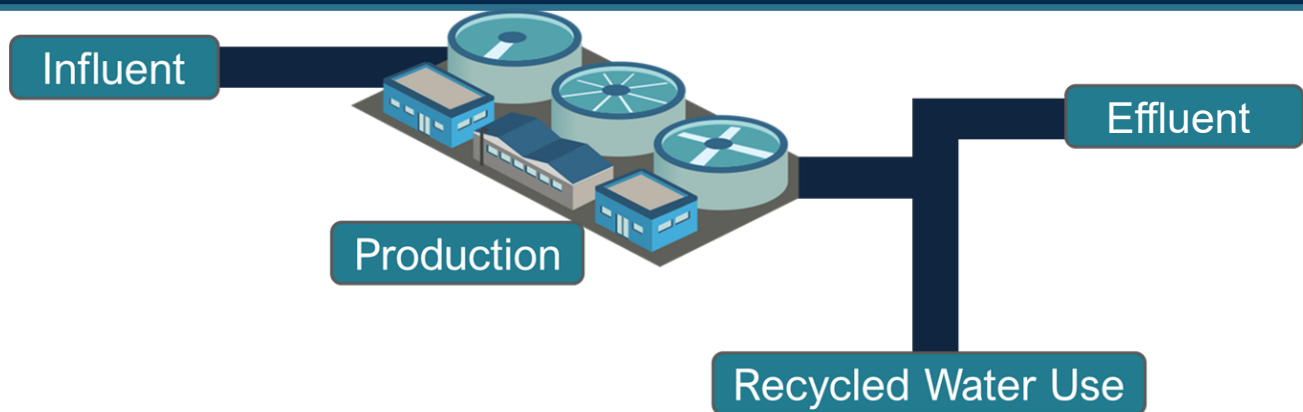
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# Volumetric Annual Reporting of Wastewater and Recycled Water

## 2019 Calendar Year Results



- The State Water Resource Control Board's Recycled Water Policy requires wastewater treatment plants and recycled water producers to report monthly volumes of influent and effluent each year from the previous calendar year every April.
- Reporting includes treatment level and discharge type and, as applicable, recycled water use by category California Code of Regulations, title 22 (CCR, tit 22)
- Wastewater treatment plants and recycled water producers were required to submit data in GeoTracker for the first time for calendar year 2019.
- These annual data will support policy decisions across the Water Boards and sister agencies, and will allow the State Water Board to track progress toward the three Recycled Water Policy Goals to:



### INCREASE

the volume of recycled water used to at least 2.5 million acre-feet a year in the next decade



### REUSE

all dry weather discharge to enclosed bays, estuaries, coastal lagoons, and ocean waters, as feasible



### MAXIMIZE

reuse where groundwater supplies are in a state of overdraft

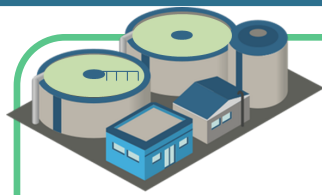
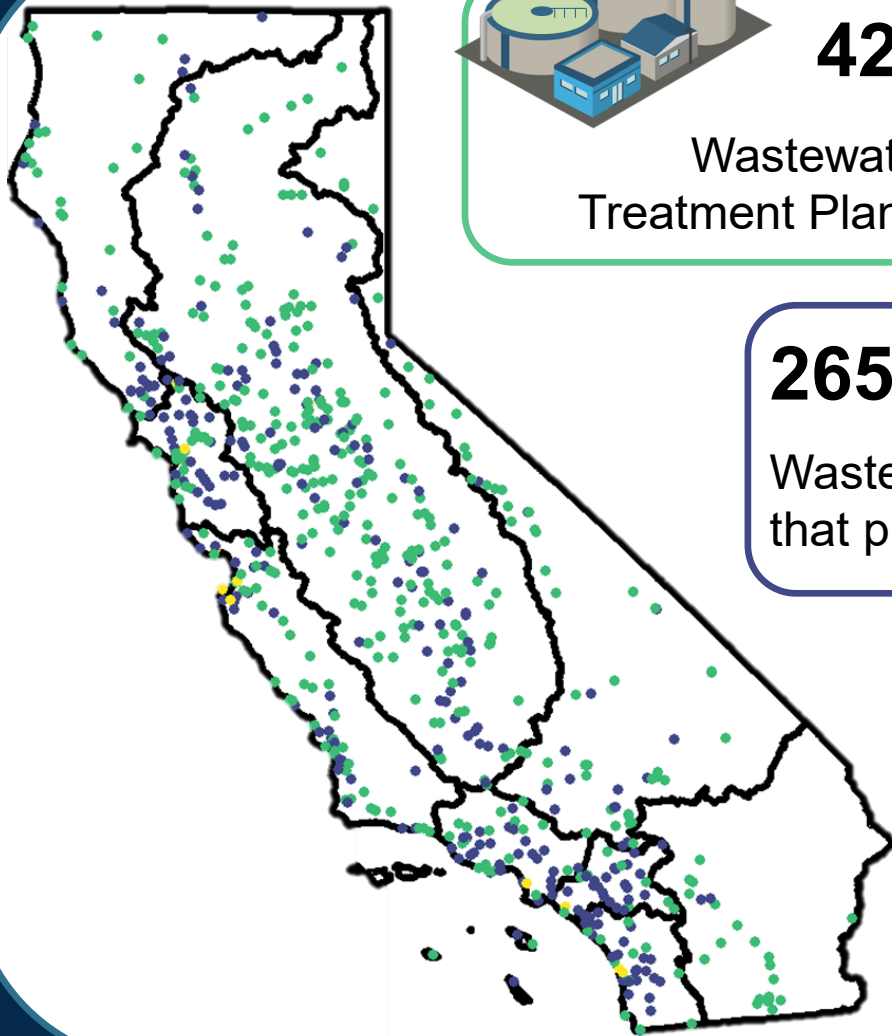


STATE WATER RESOURCES CONTROL BOARD

**GEO**TRACKER

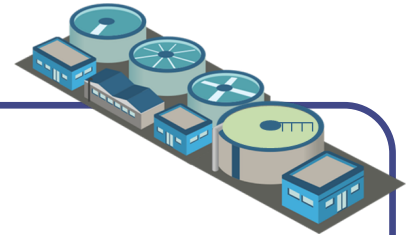






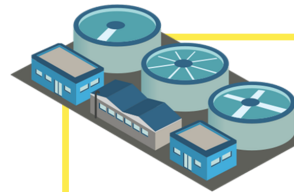
**428**

Wastewater  
Treatment Plants



**265**

Wastewater Treatment Plants  
that produce recycled water

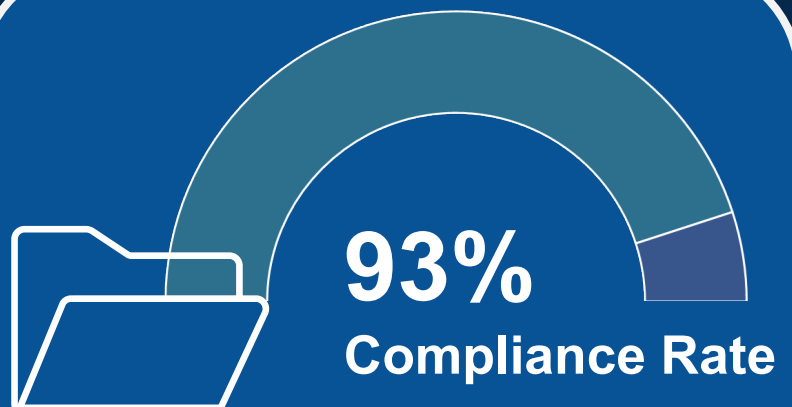


**17**

Recycled Water  
Producers\*

\* These facilities do not receive  
raw wastewater

Permittees are required to enter volumes in Acre-Feet. One acre-foot equals about 326,000 gallons, or enough water to cover an acre of land (about the size of an American football field) one foot deep. In California, an acre-foot can typically meet the annual indoor and outdoor water needs of one to two average households.



As of December 21, 2020,  
710 out of 756 facilities have submitted  
Volumetric Annual Reports.



STATE WATER RESOURCES CONTROL BOARD

**GEO**TRACKER





Influent

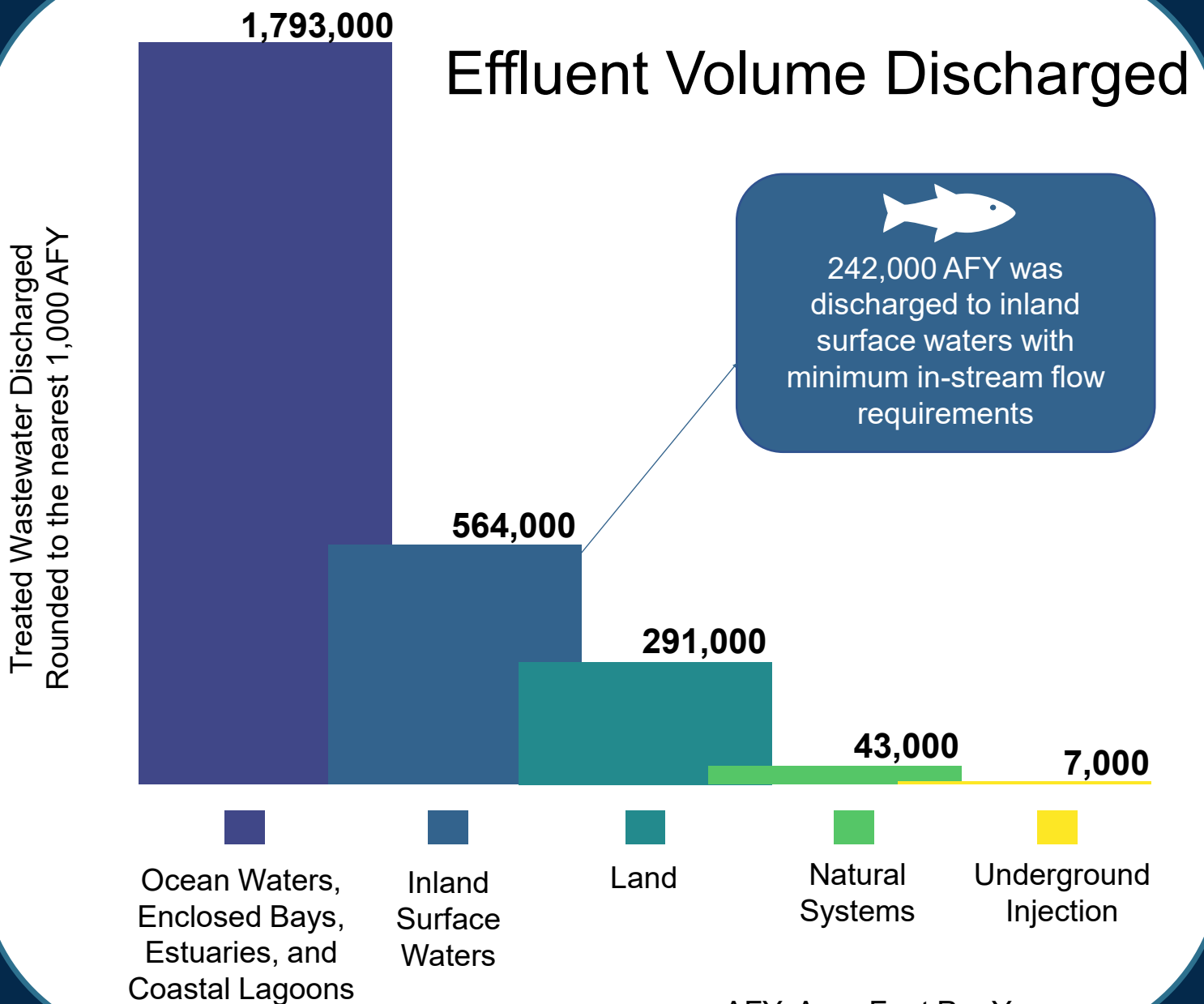
# 3.7 MILLION AFY

Total Influent Volume, i.e.,  
raw wastewater entering wastewater treatment plants

# 2.7 MILLION AFY

Total Effluent Volume, i.e.,  
treated effluent discharged

Effluent



AFY: Acre-Feet Per Year



STATE WATER RESOURCES CONTROL BOARD

**GEOTRACKER**

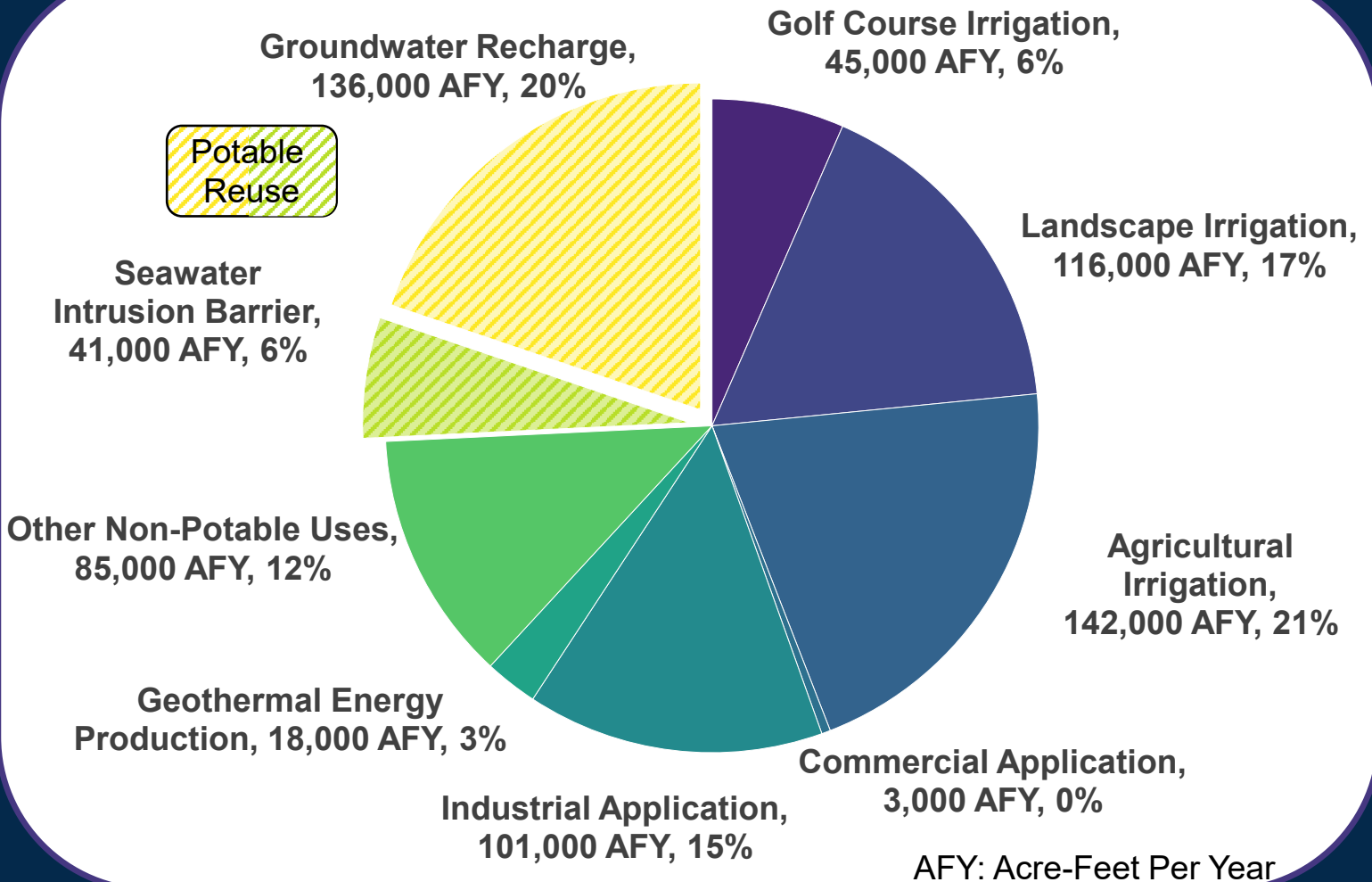






# 686,000 AFY

Total Volume of Recycled Water  
Treated to CCR, tit 22 standards and  
used for an approved beneficial use in 2019



Reuse data shows a decrease of 3.8% from 714,000 AFY in 2015 to 686,000 AFY of recycled water use during the 2019 calendar year.

This is not a true “apples to apples” comparison as the 2015 Recycled Water Survey included a reuse category for “natural systems/restoration” that was not included in the 2019 volumetric annual report.

The 2019 volumetric annual report only includes recycled water categories consistent with California Code of Regulations, title 22 (CCR, tit 22) and the Recycled Water Policy, and natural systems/restoration is not considered recycled water use per these regulations.



STATE WATER RESOURCES CONTROL BOARD

**GEO**TRACKER

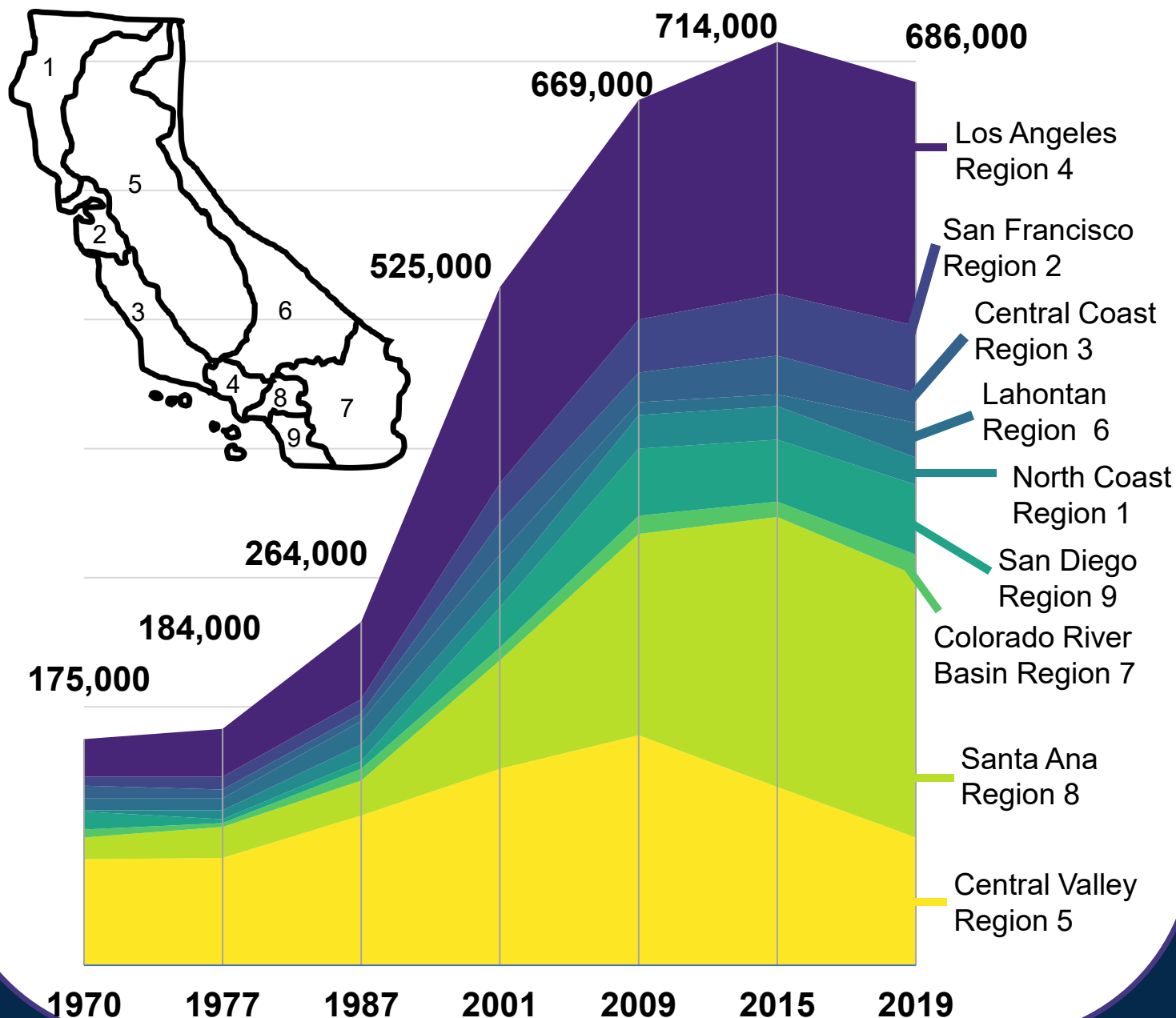




# 1970-2019 Reuse Volume Comparison



Reuse in California from 1970-2019  
by Regional Water Quality Control Board





**SANTIAGO AQUEDUCT COMMISSION**  
**QUARTERLY MEETING**  
March 18, 2021

*Due to COVID-19, this meeting will be conducted as a teleconference pursuant to the provisions of the Governor's Executive Orders N-25-20 and N-29-20, which suspend certain requirements of the Ralph M. Brown Act. Members of the public may not attend this meeting in person.*

Participation by members of the Santiago Aqueduct Commission will be from remote locations. Public access and participation will only be available telephonically/electronically.

To virtually attend the meeting and to be able to view any presentations or additional materials provided at the meeting, please join online via Webex using the link and information below:

Via Web: <https://irwd.webex.com/irwd/j.php?MTID=md8e1394fcdcbcf63d42f1bce018053639>

Meeting Number (Access Code): 187 790 5211

Meeting Password: wnGpAN6Mf77

After joining the meeting, in order to ensure all persons can participate and observe the meeting, please select the "Call in" option and use a telephone to access the audio for the meeting by using the call-in information and attendee identification number provided. If you do not have access to a computer, dial (510) 338-9438 (followed by the # sign). To join the meeting, enter the Meeting Number (Access Code) above.

*As courtesy to the other participants, please mute your phone when you are not speaking.*

**PLEASE NOTE:** Participants joining the meeting will be placed into the Webex lobby when the Commission enters closed session. Participants who remain in the "lobby" will automatically be returned to the open session of the Board once the closed session has concluded. Participants who join the meeting while the Commission is in closed session will receive a notice that the meeting has been locked. They will be able to join the meeting once the closed session is over.

**CALL TO ORDER**      8:30 a.m.

**ROLL CALL**

**ATTENDANCE:** Commissioners

TCWD – Don Chadd	_____	SMWD – Donald Bunts	_____
ETWD – Kay Havens	_____	MWDOC – Charles Busslinger	_____
MNWD – Sherry Wanninger	_____	IRWD – John Withers	_____

Staff

Paul Cook	_____	Cheryl Clary	_____
Kevin Burton	_____	Malcolm Cortez	_____
Eileen Lin	_____	Diane Squyres	_____
_____	_____	_____	_____

Legal Counsel:

Allison Burns, SYC&R      \_\_\_\_\_



**PUBLIC COMMENT NOTICE**

If you wish to address the Board of Directors on any item, please submit a request to speak via the “chat” feature available when joining the meeting virtually. Remarks are limited to three minutes per speaker on each subject. You may also submit a public comment in advance of the meeting by emailing comments@irwd.com before 3:00 p.m. on Wednesday, March 17, 2021.

**ALL VOTES SHALL BE TAKEN BY A ROLL CALL VOTE.**

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**COMMUNICATIONS**

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1. Pledge of Allegiance
2. Public Comments
3. Determine the need to discuss and/or take action on item(s) introduced that came to the attention of the Commission subsequent to the agenda being posted.

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**ACTION ITEMS – Receive and file**

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- |  |  |
|--|--|
| <ol style="list-style-type: none"><li>4. <u>ELECTION OF OFFICERS – COOK</u><br/><br/>Recommendation: That an election be conducted of the Chairman and Vice Chairman of the Santiago Aqueduct Commission.</li><li>5. <u>MINUTES OF REGULAR COMMISSION MEETING, DECEMBER 17, 2020</u><br/><br/>Recommendation: That the minutes of the December 17, 2020 meeting of the Santiago Aqueduct Commission be approved as presented.</li><li>6. <u>2020-21 FINANCIAL REPORT</u><ol style="list-style-type: none"><li>a. Ratify Disbursement Resolution No. 703 dated January 2021.</li><li>b. Ratify Disbursement Resolution No. 704 dated February 2021.</li><li>c. Receive and file Financial Statement dated February 28, 2021.</li></ol></li><li>7. <u>BAKER PIPELINE EXPOSURE THROUGH SANTIAGO CREEK PROJECT UPDATE – MORI / BURTON</u><br/><br/>Recommendation: Receive and file.</li></ol> |  |
|--|--|



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## **ACTION ITEMS - Continued**

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8. PROPOSED FISCAL YEARS 2021-2022 AND 2022-2023 OPERATIONS, MAINTENANCE AND CAPITAL PROJECT BUDGET – CRAIG / TOBAR / LIN / CLARY

Recommendation: That the Commission review and approve the proposed Fiscal Years 2021-22 and 2022-23 Operations, Maintenance and Capital Project budget as presented.

9. APPOINTMENT OF ACWA-JPIA ALTERNATE DIRECTOR – COOK

Recommendation: That the Commission appoint an Alternate Director to represent the Santiago Aqueduct Commission on the Board of Directors of the ACWA-JPIA.

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## **REPORTS**

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10. GENERAL MANAGER’S REPORT – COOK

11. ENGINEER’S REPORT – BURTON

12. MWDOC’S REPORT

13. ATTORNEY’S REPORT

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## **REPORTS - Continued**

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14. COMMISSIONER’S COMMUNICATION

Commissioners may discuss meetings, communications, correspondence, or other items of general interest relating to matters within the Commission’s jurisdiction. There will be no voting or formal action taken.

15. ADJOURNMENT

\*\*\*\*\*  
Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Santiago Aqueduct Commission in connection with a matter subject to discussion or consideration at an open meeting of the Commission will be available electronically via the Webex meeting noted. Upon request, the District will provide for written agenda materials in appropriate alternative formats, and reasonable disability-related modification or accommodation to enable individuals with disabilities to participate in and provide comments at public meetings. Please submit a request, including your name, phone number and/or email address, and a description of the modification, accommodation, or alternative format requested at least two days before the meeting. Requests should be emailed to comments@irwd.com. Requests made by mail must be received at least two days before the meeting. Requests will be processed swiftly, granted whenever possible and any doubts will be resolved in favor of accessibility.





## Executive Committee Meeting

Tuesday, March 2, 2021

7:30 a.m.

### Mailing Address

P.O. Box 20895  
Fountain Valley, CA 92728

### Meeting Location

MWDOC/OCWD  
18700 Ward Street  
Fountain Valley, CA 92708

(714) 963-3058  
(714) 964-5930 fax

[www.mwdoc.com/isdoc](http://www.mwdoc.com/isdoc)

### Executive Committee

**President**  
**Hon. Mark Monin**  
*El Toro Water District*

**1<sup>st</sup> Vice President**  
**Hon. Arlene Schafer**  
*Costa Mesa Sanitary District*

**2<sup>nd</sup> Vice President**  
**Hon. Larry Dick**  
*Municipal Water District of  
Orange County*

**3<sup>rd</sup> Vice President**  
**Hon. Brooke Jones**  
*Yorba Linda Water District*

**Secretary**  
**Hon. Greg Mills**  
*Serrano Water District*

**Treasurer**  
**Hon. Bill Green**  
*South Coast Water District*

**Immediate Past President**  
**Hon. Sandra Jacobs**  
*Santa Margarita Water District*

### Staff Administration

**Heather Baez**  
*Municipal Water District of Orange  
County*

**Christina Hernandez**  
*Municipal Water District of Orange  
County*

The next meeting of the ISDOC Executive Committee will be via teleconference only.  
The MWDOC/OCWD offices are closed to the public. Please use the information below to access the meeting.

Join Zoom Meeting

<https://zoom.us/j/99287384726>

Dial by your location  
669 900 9128 US (San Jose)  
877 853 5247 US Toll-free  
888 788 0099 US Toll-free

Meeting ID: 992 8738 4726

## AGENDA

- I. Welcome, Introductions – 7:30 am**  
[Please mute yourself when not speaking. Please raise hand on Zoom if you have a question or comment.]
- II. Approval of Minutes – 7:35 am**
  - Consider approval of the minutes for the February 2, 2021 meeting.
- III. Public Comments on items not on the agenda- 7:40 am**
- IV. New Business – 7:45 am**
  - Status of 2<sup>nd</sup> Vice President Election Process
- V. Old Business – 8:00 am**
  - Update on website from Chris Palmer at CSDA regarding Streamline's services
  - Update on reaching out to local elected officials on the Federal and State levels making them aware of ISDOC & CSDA
- VI. Treasurer's Report – 8:05 am – Director Green**
  - Report of accounts
- VII. CSDA Report – 8:10 am – Director Schafer/Chris Palmer**
  - Receive, discuss and file the CSDA Report
- VIII. LAFCO Report – 8:15 am – Director Fisler**
  - Receive, discuss and file the LAFCO report
- IX. ACWA Report – 8:20 am – Director Jacobs**



- Receive, discuss and file the ACWA report

**X. OCCOG Report – 8:25 am – Director Scheafer**

- Receive, discuss and file OCCOG report

**XI. Orange County Operational Area Report - 8:30 am – Vicki Osborn**

- Receive, discuss and file OCOA report

**XII. Subcommittee Reports – 8:35 am**

- Programs – Director Schafer/Mark Monin
- Membership - Director Dick
- Legislative – Director Jones

**XIII. Adjourn – 8:40 am**





## **ISDOC Executive Committee (Virtual Meeting via Zoom)**

February 2, 2021

### **Minutes**

#### **I. Welcome**

President Mark Monin called the meeting to order at 7:34 a.m.

Mark Monin, President (ETWD)

Arlene Schafer, 1<sup>st</sup> Vice President (CMSD)

Larry Dick, 2<sup>nd</sup> Vice President (MWDOC)

Greg Mills, Secretary (SWD)

Sandra Jacobs, Immediate Past President (SMWD)

Others Present:

Vicki Osborn, Director of Emergency Management (MWDOC)

Mike Scheafer, Board Member (CMSD)

Stacy Taylor, Water Policy Manager (Mesa WD)

Heather Baez, Government Affairs Manager (MWDOC)

Christina Hernandez, Database Coordinator (MWDOC)

Laura Heflin, Administrative Assistant (Serrano WD)

Brooke Jones, Board Member (YLWD)

Chris Palmer, Senior Public Affairs Field Coordinator (CSDA)

Hilaire Shioura, Placentia Library Trustee (PLD)

Bob McVicker, Director (YLWD)

Brooke Jones, Director (MWDOC)

Kay Havens, Director (ETWD)

Jim Fisler, Director (Mesa WD)

Sherry Wanning

Steve Faessel, Director (City of Anaheim)

#### **II. Minutes**

The minutes of the January 5, 2021 meeting were reviewed and unanimously approved.

#### **III. Public Comments – Hilaire Shioura thanked the Board for the great work they are doing and stated that he is proud to be part of the committee.**



#### IV. New Business

- Heather Baez reported that both Director Bob McVicker of MWDOC and Director Brooke Jones of YLWD have expressed interest in the 3<sup>rd</sup> Vice President positions and have submitted paperwork. Director Schafer recommended Brooke Jones for the 3<sup>rd</sup> vice president position and stated that the 2<sup>nd</sup> Vice President position should be noticed. Director Mills recommended that the 2<sup>nd</sup> and 3<sup>rd</sup> Vice President positions be noticed prior to moving forward. Director McVicker stated that he is comfortable either way and is proud to be part of the agency and would be fine with the Committee noticing the 2<sup>nd</sup> Vice President position. Heather Baez recommended that we wait until April. It was moved (Director Schafer), seconded (Director Mills), and it unanimously carried via roll call vote by Director Mills to appoint Director Jones to the position of 3<sup>rd</sup> Vice President. Director Jones was thanked for his service.
- Director Dick reported that he will step down to make way for other folks. He was thanked for his service.
- Director Dick recommended Director Bob McVicker of MWDOC for the 3<sup>rd</sup> Vice President position and also stated that he feels that Director Jones will serve ISDOC superbly.
- President Monin would like to send a letter out to all Special Districts detailing what the Executive Committee would like to accomplish and soliciting attendance at future meetings. Chris Palmer will work with President Monin to include CSDA member benefits in the letter with input from Director Schafer.
- President Monin proposed putting together a marketing/outreach program to assist with reaching those who are not aware of the Executive Committee and its activities (including CSDA and ISDOC). Director Jacobs remarked that this would incur a regular expense to maintain the various social media outlets. Chris Palmer recommended the usage of Streamline as they will provide a free website to ISDOC. Please email President Monin if you are interested in participating at [mmonin@msn.com](mailto:mmonin@msn.com). This will be agendized at the next meeting when we have some numbers.

#### V. Old Business

- Heather Baez reported that the bylaws do not specify one way or the other regarding two representatives from MWDOC serving on the Executive Committee.
- Director Monin thanked Vicki Osborn and Director Schafer for putting together the quarterly meeting. Sheriff Don Barnes's presentation was wonderful as well as the overview presented by Moulton-Niguel Water District.



VI. Treasurer's Report – Director Green

- No report given.

VII. CSDA Report – Director Schafer

- Director Schafer reported that the health survey is due this Friday. CSDA is hosting a form 700 virtual webinar on February 2<sup>nd</sup> that is free for members and \$95 for non-members. Programs hosted by CSDA include 23 webinars and 27 workshops. The first Board meeting was held last week.
- Chris Palmer reported on the cost of various webinars and workshops. HR-535 was reintroduced yesterday as well as SB-91. He will be sending out information with regard to this. More information will be forthcoming from AB-361.

VIII. LAFCO Report – Director Fisler

- The next LAFCO meeting is scheduled for February 10<sup>th</sup> at 8:30 a.m. The quarterly report is forthcoming from LAFCO. The annual review of policies and procedures will be reviewed. The emergency paid leave will be extended to employees due to COVID-19.

IX. ACWA Report – Director Jacobs

- The next Region 10 meeting is scheduled for February 22, 2021. Director Greene is the Region 10 chair and Director Gibson is also representing. February 24<sup>th</sup> is the Washington, D.C. conference, and there is a \$225 charge for that. This will require registration in advance, and it is a half-day virtual conference. The ACWA DC office plans a congressional panel which will be coming up. Potential scholarships were discussed. ACWA has joined a coalition of local governments

X. OCCOG Report – Director Scheafer

- Director Scheafer was only able to attend the first hour of the OCCOG meeting. The communication plan is being reviewed and directors were appointed to various committees. The summit has been postponed to fall due to COVID-19.
- President Monin reported that a procurement policy was approved. President Monin also stated that the economic review provided by Moulton Niguel Water District was spectacular and thanked Director Jacobs profusely.

XI. Orange County Operational Area Report – Vicki Osborn

- Vicki reported that the focus is COVID-19 and the vaccination program. She continues to advocate on behalf of Water Districts.
- Vicki reported that she has been appointed to the position of the Region I Representative of the Mutual Aid Regional Advisory Committee.



XII. Subcommittee Reports

- Programs – Director Schafer suggested the following programs for the April 29, 2021 quarterly luncheon:
  - John Wayne Airport Director; Getting O.C. Residents back in the air.
  - Chairman of the Great Park; Completing programs.
  - O.C. City Manager’s Association; Recovering from COVID.
  - Director of O.C. Emergency Management; How is Orange County preparing for the next Disaster?
- Stacey Taylor reported that she would be interested in hearing about the impact to travel.
- Director Jacobs expressed interest in the travel topic as well, and it was agreed that this topic be chosen.
- Director Dick reported that Michelle Steel has been named to the House Committee on Education and Labor. This is impactful for us and said that we should invite Congresswoman Steel or the new Supervisor to speak at an upcoming ISDOC meeting.
- President Monin suggested that the Placentia Library District be spotlighted as the Special District.
- Membership – Director Dick reported that he is working on closing another member. Director Faessel was thanked for his participation and interest.
- Legislative - Heather Baez
  - None. Chris Palmer has provided the update.

XIII. Adjourn: President Monin thanked the various attendees for their assistance and participation. The meeting adjourned at 8:44 a.m.

Signed: \_\_\_\_\_  
ISDOC Secretary

Date: \_\_\_\_\_





## AGENDA

Friday, March 5, 2021  
7:30 a.m. - 9:00 a.m.

Register:

<https://ocwd.zoom.us/meeting/register/tJYode6qpi4uGdfDqiRkqspRG6Tl9tX0h21X>

### Mailing Address

P.O. Box 8300  
Fountain Valley, CA 92708

### Meeting Location

Via Zoom

(714) 378-3200  
(714) 963-0291 fax

[www.ocwd.com/news-events/events/waco](http://www.ocwd.com/news-events/events/waco)  
[www.mwdoc.com/waco](http://www.mwdoc.com/waco)

### Officers

#### Chair

**Hon. Cathy Green**  
*Orange County Water District*

#### Vice Chair

**Hon. Mark Monin**  
*El Toro Water District*

### Staff Contacts

**Alicia Dunkin**  
*Orange County Water District*

**Heather Baez**  
*Municipal Water District of Orange County*

## 1. Welcome

- Cathy Green, Orange County Water District

## 2. Housekeeping & Meeting Etiquette

## 3. Pledge of Allegiance

## 4. Program: Wetland Conservation in the San Joaquin Valley – Partnerships are Key

- Matt Kaminski, Ducks Unlimited

## 5. Reports

- Association of California Water Agencies (ACWA) Report – Cathy Green, Orange County Water District
- Metropolitan Water District of Southern California (MET) Report – Linda Ackerman, Metropolitan Water District of Southern California
- California Special Districts Association (CSDA) Report – Chris Palmer, California Special Districts Association

## 6. Adjourn

### ***Next WACO Meeting***

Friday, April 2, 7:30 a.m. via Zoom

### ***Next WACO Planning Committee Meeting***

Tuesday, March 16, 7:30 a.m. via Zoom

Stay Connected with WACO on  
Facebook, Twitter, and YouTube!



/orangecountywater



@waco\_h2o



/orangecountywater





**WACO Planning Committee**  
**Tuesday, March 16, 2021**  
**7:30 A.M.**

**Join Zoom Meeting**  
<https://zoom.us/j/92882659982>

**Meeting ID: 928 8265 9982**  
**Phone Audio: 669-900-9128**

## **AGENDA**

### **WELCOME**

### **ACTION ITEMS**

#### **Mailing Address**

P.O. Box 20895  
Fountain Valley, CA 92728

#### **Meeting Location**

Virtual - Zoom

(714) 378-8232  
(714) 963-0291 fax

[www.mwdoc.com/waco](http://www.mwdoc.com/waco)  
[www.ocwd.com/news-events/events/waco](http://www.ocwd.com/news-events/events/waco)

#### **Officers**

##### **Chair**

**Hon. Cathy Green**  
*Orange County Water District*

##### **Vice Chair**

**Hon. Mark Monin**  
*El Toro Water District*

#### **Staff Contacts:**

**Alicia Dunkin**  
*Orange County Water District*

**Heather Baez**  
*Municipal Water District of Orange County*

1. April 2 WACO meeting (*Virtual*)
  - Topic: Cloud Seeding in the Santa Ana Watershed
  - Speakers: Mark Norton, Santa Ana Watershed Project Authority; Derek Blestrud Meteorologist, Idaho Power
  - Reports: ACWA, Met
    - Confirm topic and speaker(s)
    - Confirm reports
2. May 7 WACO meeting (*Virtual*)
  - Topic: Water Supply Update: Statewide, Colorado River, Southern California
  - Speaker: Demetri Polyzos, MWD
  - Reports: ACWA, Met
    - Confirm topic & speaker(s)
    - Confirm reports

### **DISCUSSION ITEMS**

1. Discuss potential topics for future meetings (*Most likely virtual*)
  - Reminder: June 2021 WACO meeting canceled
2. Future topics for virtual and in person meetings
  - Addition of a Legislator Report by a member or staffer of the OC Federal or State delegation (Jim Atkinson/Bill Green)
  - Various water book/report authors: Tim Quinn (Brooke Jones), PPIC Report from Ellen Hannak (Karl Seckel), Jay Lund (Karl Seckel)
  - Balance SIGMA with food production and water supply (Karl Seckel)
  - SDCWA Water Supply Diversification (Jim Atkinson/Bill Green)
  - SCWD Desal & Tunnel Project Update (Jim Atkinson/Bill Green)
  - What does reduced reliance on the Delta mean for SoCal? (Peer Swan)
  - Update on Prop 1 funding (Larry Dick)
  - Huntington Beach desal (Peer Swan)
  - Various MWD Plans: Urban Water Management Plan (Bob McVicker), Integrated Water Resources Plan— Brad Coffey (Bob McVicker/Don Froelich), Local Resources Plan (Peer Swan)
  - Ways water districts add to their income stream w/o rate payers (Larry Dick)
  - 1,2,3-TCP in the Central Valley (Cathy Green)
  - Extreme dry/fire conditions - YLWD Heli-hydrants/OCFA (Mark Monin)
3. Discussion of March 5 meeting:
  - Wetland Conservation in the San Joaquin Valley – Partnerships are Key presentation by Ducks Unlimited

### **INFORMATIONAL ITEMS**

1. Please let staff know if there is anyone who should be added to or removed from the planning meeting invite list.
2. Please note Zoom meeting ID and meeting link changes monthly for WACO Meetings; However, the Planning Meetings for WACO are the same link.

### **ADJOURN**



Stay Connected with WACO  
on Facebook, Twitter and YouTube!





**AGENDA**  
**Quarterly Utility Coordination Meeting**  
**Wednesday, February 24, 2021 – 10:00 A.M. - 11:00 A.M.**  
**City of Lake Forest – NEW City Hall**  
**Virtual Meeting**

**You have been invited to join Abernathy, Taylor's room for a meeting.**

**MobileConnect Users:**

[Join Abernathy, Taylor's room in MobileConnect.](#)

**Guest Participants:**

<https://cgc.vonage.com/cgc?join=VGF5bG9yIEFiZXJuYXRoeSw5NDk0NjEzNDkwQHZvaXAudG5sdGQubmV0LG5hNzIybixjYmhuZHQ=>

Audio Only: +19494613555,969951#

1. Introductions
2. Record Request Contacts
  - a. Please provide updated contact information for your company
3. City Projects (Taylor Abernathy)
  - a. Santiago Canyon Road Safety Improvements
    - Current Status – County Lead Project, In Construction
  - b. 2019 Citywide Roadway Improvement Project
    - Reimbursement agreements – Pending IRWD
  - c. Bake Parkway Trabuco/ Irvine (Ultimate)
    - Current Status – 65% Design; Working with Irvine on a co-op agreement and sent SCE Transmission a letter requesting relocation of 3 transmission lines and a vault Feb 2021; Construction TBD
    - Provide Utility's Plans
  - d. El Toro Road and Portola/ Santa Margarita
    - Current Status – 95% Design, Working with County for R/W by early 2021; Construction TBD
    - Provide Utility's Plans
  - e. 7 Year Street Overlay / Slurry Program -  
Next Slurry Seal Zones:
    - Zone C (FY 2019-20); In construction (delayed by COVID)
    - Zone G (FY 2020-21): In construction
    - Zone F (FY 2021-22)
  - f. 7 Year Street Overlay / Slurry Program -
    - Resurfacing Project Locations:
      - i. Glenn Ranch Road from Portola to El Toro
  - g. Traffic Signal System Upgrades
    - Materials are being purchased; installation forthcoming



- Coordination of SCE pedestal change-outs with the contractor
  - h. Muirlands/Los Alisos Dual Lefts All legs
    - City will issue an RFP for design
  - i. Jeronimo/El Toro Realignment
    - In Design
  - j. Protective Permissive Signals
    - In Design
  - k. Audible Pedestrian Crosswalk Signals
    - Muirlands and El Toro
    - Rockfield and Ridge Route
  - l. El Toro Park CDBG Improvements
  - m. Upcoming CIP FY 2019-21
    - New 2020-2021 CIP Projects
      - i. Annual Street Sidewalk Rehab Program – Bids open 12/3
      - ii. Annual Street Resurfacing and Slurry Seal Projects
        - 1. Glenn Ranch Road – On-call proposals received 12/8
      - iii. Widening of Southbound Jeronimo at Lake Forest
      - iv. Second E/B left turn Lane on Bake Pkwy at Jeronimo
      - v. Widening/Realignment of Jeronimo at El Toro
      - vi. El Toro Raised Median from Jeronimo to Trabuco
      - vii. Neighborhood Park Renovations
        - 1. Darrin, Montbury, and Pebble Creek – Bids open 12/15
        - 2. Vintage and Sundowner
        - 3. Regency, Rancho Serrano, and Borrego Overlook
    - Bake and Baffin Bay Street Improvements
    - Bake and Toledo Street Improvements
4. Development Activity in Lake Forest (Doug Erdman)
- a. Portola Center (930 total homes)
    - Northeast – (The Oaks) – Grading in Phase 2A ongoing (adjacent to GRR toward El Toro Rd)
    - South – (Iron Ridge) - Home building
    - South – (Mixed Use/Sr. Affordable) – Site Improvements and Building construction
  - b. Serrano Summit – Home Building
  - c. Teresina – Home building



- d. Nakase – Rough Grading ongoing
- 5. 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
  - d. Additional Deposits Required, I believe we are up-to-date
- 6. Encroachment Permits
  - a. Please identify the number of days required to do the work including the restoration work
  - b. Please make sure to identify nightwork on the applications
  - c. If something changes after EP approval you will need to revise EP
  - d. Fees are increased for this as it is a hard cost to the City
- 7. Traffic Control Requirements related to Encroachment Permits
  - a. Use of WATCH Manual, Joint Utilities Manual, or CATTCH requires submitting location map and plan number(s) to be used
  - b. Include exhibit pages with the application for record purposes
- 8. Sidewalk Inspection / Utility Lids (Matt Reagan)
  - a. Damaged utility lids identified in sidewalk hazard inspection.  
Public Works Inspector to coordinate with utilities on replacements
- 9. Pavement Moratorium -
  - a. City's Pavement Moratorium is included in all Encroachment Permits
  - b. A list of streets that are under moratorium are:
    - Slurry Seals (3-years from date listed)
      - i. Zone E (4/2018),
      - ii. Zone B (4/2019),
      - iii. Zone C, (TBD), and
      - iv. Zone G, (TBD)
    - Arterial Streets (5-years from date listed)
      - i. Alton Parkway (Portola to Rancho South) (8/2017)
      - ii. Portola Parkway (Alton to El Toro Road) (7/2017)
      - iii. Trabuco Rd (Lake Forest to Peachwood) (4/2019)
      - iv. Saddleback Rd (Millwood to Glenn Ranch Rd) (2/2020)
      - v. Dimension Rd from Bake to Lake Forest (5/2020)
      - vi. Civic Center Rd from Commercentre to IRWD facility (5/2020)
      - vii. Portola under SR-241 (Caltrans R/W) (5/2020)
      - viii. Toledo from Bake to El Toro (8/2020)



- ix. Serrano from Toledo to El Toro (8/2020)
- x. Ridge Route from Trabuco to dead-end at I-5 (8/2020)
- xi. Glenn Ranch Rd from Portola to El Toro, forthcoming 2021

10. Status reports on projects from utility companies; new projects/project updates

a. **AT&T –**

b. **COX Communications –**

c. **El Toro Water District –**

d. **Irvine Ranch Water District –**

e. **Southern California Gas Company –**

f. **Southern Calif. Edison Company –**

g. **Trabuco Canyon Water District –**

11. Next Meeting (05/26/2021 at 10:00 a.m.)



## **DATES TO REMEMBER**

### **MARCH/APRIL 2021**

1. Mar 22 – 7:30 a.m. – Regular Engineering/Finance Committee Meetings
2. Mar 23 – 7:30 a.m. – Budget Committee #1
3. Mar 24 – 1:00 p.m. – SDLA Module 1 Governance Training
4. Mar 25 – 7:30 a.m. – Regular Board Meeting
5. Mar 25 – 1:00 p.m. – SDLA Module 1 Governance Training
6. Mar 26 – DISTRICT OFFICE CLOSED
7. Mar 30 – 10:00 a.m. – RRC Meeting
8. Apr 1 – 8:30 a.m. – SOCWA Board Meeting
9. Apr 1 – 6:00 p.m. – MWDOC Elected Officials Forum
10. Apr 2 – 7:30 a.m. – WACO
11. Apr 2 – 12 noon – Pres/VP/GM Meeting
12. Apr 5 – 7:30 a.m. – Budget Committee #2 Meeting
13. Apr 5 – 8:30 a.m. – MWDOC Planning/Operations Meeting
14. Apr 5 – 1:30 p.m. – SOCWMA Management Committee
15. Apr 6 – 7:30 a.m. – ISDOC Executive Committee
16. Apr 7 – 8:30 a.m. – MWDOC/MET Directors Workshop
17. Apr 8 – 8:30 a.m. – SOCWA Engineering Committee Meeting
18. Apr 9 – DISTRICT OFFICE CLOSED
19. Apr 12 – 7:30 a.m. – Agenda Review Meeting
20. Apr 12 – 9:00 a.m. – SDLA Module #2 Fulfilling Your District's Mission
21. Apr 13 – 9:00 a.m. – SDLA Module #2 Fulfilling Your District's Mission
22. Apr 14 – 8:15 a.m. – LAFCO
23. Apr 14 – 8:30 a.m. – MWDOC Admin/Finance Meeting
24. Apr 15 – 7:30 a.m. – Board Budget Workshop
25. Apr 16 – 12 noon – Pres/VP/GM Meeting



26. Apr 19 – 7:30 a.m. – Regular Engineering/Finance Committee Meeting
27. Apr 19-23 – Orange County Youth Festival
28. Apr 20 – 7:30 a.m. – WACO Planning Committee Meeting
29. Apr 20 – 10:30 a.m. – SOCWA Finance Committee Meeting
30. Apr 21 – 8:30 a.m. – MWDOC Board Meeting
31. Apr 22 – 7:30 a.m. – Regular Board Meeting
32. Apr 22 – 10:30 a.m. – MWDOC Managers Meeting
33. Apr 23 – DISTRICT OFFICE CLOSED
34. Apr 26 – 1:00 p.m. – AWIA #4
35. Apr 29 – 11:30 a.m. – ISDOC Quarterly Meeting
36. Apr 30 – 12 noon – Pres/VP/GM Meeting



# **EL TORO WATER DISTRICT**

## **Glossary of Water Terms**

**Accumulated overdraft:** The amount of water necessary to be replaced in the intake area of the groundwater basin to prevent the landward movement of ocean water into the fresh groundwater body.

**Acre-foot, AF:** A common water industry unit of measurement. An acre-foot is 325,851 gallons, or the amount of water needed to cover one acre with water one foot deep. An acre-foot serves annual needs of two typical California families.

**ACWA:** Association of California Water Agencies.  
A statewide group based in Sacramento that actively lobbies State and Federal Government on water issues.

**Advanced treatment:** Additional treatment processes used to clean wastewater even further following primary and secondary treatment. Also known as tertiary treatment.

**AFY:** Acre-foot per year.

**Alluvium:** A stratified bed of sand, gravel, silt, and clay deposited by flowing water.

**AMP:** Allen McCulloch pipeline.

Major pipeline transporting treated water to water districts between Yorba Linda, where it starts to El Toro Water District reservoir, where it terminates.

**Annexation:** The inclusion of land within a government agency's jurisdiction.

**Annual overdraft:** The quantity by which the production of water from the groundwater supplies during the water year exceeds the natural replenishment of such groundwater supplies during the same water year.

**Aqueduct:** A man-made canal or pipeline used to transport water.

**Aquifer:** An underground geologic formation of rock, soil or sediment that is naturally saturated with water; an aquifer stores groundwater.

**Arid:** Dry; deserts are arid places. Semi-arid places are almost as dry as a desert.

**Artesian:** An aquifer in which the water is under sufficient pressure to cause it to rise above the bottom of the overlying confining bed, if the opportunity is provided.

**Artificial recharge:** The addition of surface water to a groundwater reservoir by human activity, such as putting surface water into recharge basins. (See also: groundwater recharge and recharge basin.)

**AWWA** American Water Works Association  
Nationwide group of public and private water purveyors and related industrial suppliers.



**Base flow:** The portion of river surface flow which remains after deduction of storm flow and/or purchased imported water.

**Bay-Delta:** The Sacramento-San Joaquin Bay-Delta is a unique natural resource of local, state and national significance. The Delta is home to more than 500,000 people; contains 500,000 acres of agriculture; provides habitat for 700 native plant and animal species; provides water for more than 25 million Californians and 3 million acres of agriculture; is traversed by energy, communications and transportation facilities vital to the economic health of California; and supports a \$400 billion economy.

**BIA:** Building Industry Association.

**Biofouling:** The formation of bacterial film (biofilm) on fragile reverse osmosis membrane surfaces.

**Biosolids:** Solid organic matter recovered from a sewage treatment process and used especially as fertilizer.

**BMP:** Best Management Practice. An engineered structure or management activity, or combination of these, that eliminates or reduces adverse environmental effects.

**Brackish water:** A mixture of freshwater and saltwater.

**Brown Act:** Ralph M. Brown Act enacted by the State legislature governing all meetings of legislative bodies. Also known as the Open Meeting requirements.

**Canal:** A ditch used to move water from one location to another.

**CASA:** California Association of Sanitation Agencies The sanitation equivalent of ACWA concerned solely with issues affecting the treatment and disposal of solid waste and wastewater.

**CEQA:** California Environmental Quality Act.

**CERCLA:** Comprehensive Environmental Response, Compensation and Liability Act. This federal law establishes the Superfund program for hazardous waste sites. It provides the legal basis for the United States EPA to regulate and clean up hazardous waste sites, and if appropriate, to seek financial compensation from entities responsible for the site.

**CFS:** Cubic feet per second.

**Chloramines:** A mixture of ammonia and chlorine used to purify water.

**Clarify:** To make clear or pure by separation and elimination of suspended solid material.

**Coagulation:** The clumping together of solids so they can more easily be settled out or filtered out of water. A chemical called aluminum sulfate (alum) is generally used to aid coagulation in water treatment and reclamation.

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**Coastkeepers:** A non-profit organization dedicated to the protection and preservation of the marine habitats and watersheds of Orange County through programs of education, restoration, enforcement and advocacy.

**Colored water:** Groundwater extracted from the basin that is unsuitable for domestic use without treatment due to high color and odor exceeding drinking water standards.

**Condensation:** The process of water vapor (gas) changing into liquid water. An example of condensation can be seen in the tiny water droplets that form on the outside of a glass of iced tea as warmer air touches the cooler glass.

**Confined aquifer:** An aquifer that is bound above and below by dense layers of rock and contains water under pressure.

**Conjunctive use:** Storing imported water in a local aquifer, in conjunction with groundwater, for later retrieval and use.

**Contaminate:** To make unclean or impure by the addition of harmful substances.

**CPCFA:** California Pollution Control Financing Authority. State agency providing funds for wastewater reclamation projects.

**Crisis:**

1. **a:** The turning point for better or worse **b:** a paroxysmal attack of pain, distress, or disordered function **c:** an emotionally significant event or radical change of status in a person's life <a midlife crisis>
2. The decisive moment (as in a literary plot)
3. **a:** An unstable or crucial time or state of affairs in which a decisive change is impending; *especially* : one with the distinct possibility of a highly undesirable outcome <a financial crisis> **b:** a situation that has reached a critical phase

**CTP** Coastal Treatment Plant

**CWPCA** California Water Pollution Control Association. A 7000 member non-profit educational organization dedicated to water pollution control.

**Dam:** A barrier built across a river or stream to hold water.

**Decompose:** To separate into simpler compounds, substances or elements.

**Deep percolation:** The percolation of surface water through the ground beyond the lower limit of the root zone of plants into a groundwater aquifer.

**Degraded water:** Water within the groundwater basin that, in one characteristic or another, does not meet primary drinking water standards.

**Delta:** Where the rivers empty; an outlet from land to ocean, also where the rivers deposit sediment they carry forming landforms.



**Delta Vision:** Delta Vision is intended to identify a strategy for managing the Sacramento-San Joaquin Delta as a sustainable ecosystem that would continue to support environmental and economic functions that are critical to the people of California.

**Demineralize:** To reduce the concentrations of minerals from water by ion exchange, distillation, electro-dialysis, or reverse osmosis.

**De-nitrification:** The physical process of removing nitrate from water through reverse osmosis, microfiltration, or other means.

**Desalting (or desalination):** Removing salts from salt water by evaporation or distillation. Specific treatment processes, such as reverse osmosis or multi-stage flash distillation, to demineralize seawater or brackish (saline) waters for reuse. Also sometimes used in wastewater treatment to remove salts other pollutants.

**Desilting:** The physical process of removing suspended particles from water.

**Dilute:** To lessen the amount of a substance in water by adding more water.

**Disinfection:** Water treatment which destroys potentially harmful bacteria.

**Drainage basin:** The area of land from which water drains into a river, for example, the Sacramento River Basin, in which all land area drains into the Sacramento River. Also called catchment area, watershed, or river basin.

**Drought:** A prolonged period of below-average precipitation.

**DPHS:** California Department of Public Health Services. Regulates public water systems; oversees water recycling projects; permits water treatment devices; certifies drinking water treatment and distribution operators; supports and promotes water system security; provides support for small water systems and for improving technical, managerial, and financial (TMF) capacity; provides funding opportunities for water system improvements.

**DVL:** Diamond Valley Lake. Metropolitan's major reservoir near Hemet, in southwestern Riverside County.

**DWR:** California Department of Water Resources. Guides development/management of California's water resources; owns/operates State Water Project and other water facilities.

**Endangered Species:** A species of animal or plant threatened with extinction.

**Endangered Species Act of 1973 (ESA):** The most wide-ranging of the dozens of United States environmental laws passed in the 1970s. As stated in section 2 of the act, it was designed to protect critically imperiled species from extinction as a "consequence of economic growth and development untended by adequate concern and conservation.

**Ecosystem:** Where living and non-living things interact (coexist) in order to survive.

**Effluent:** Wastewater or other liquid, partially or completely treated or in its natural state, flowing from a treatment plant.

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**Evaporation:** The process that changes water (liquid) into water vapor (gas).

**Estuary:** Where fresh water meets salt water.

**Evapotranspiration:** The quantity of water transpired (given off), retained in plant tissues, and evaporated from plant tissues and surrounding soil surface. Quantitatively, it is expressed in terms of depth of water per unit area during a specified period of time.

**FCH** Federal Clearing House – Environmental Review/Processing

**FEMA** Federal Emergency Management Agency

**Filtration:** The process of allowing water to pass through layers of a porous material such as sand, gravel or charcoal to trap solid particles. Filtration occurs in nature when rain water soaks into the ground and it passes through hundreds of feet of sand and gravel. This same natural process of filtration is duplicated in water and wastewater treatment plants, generally using sand and coal as the filter media.

**Flocculation:** A chemical process involving addition of a coagulant to assist in the removal of turbidity in water.

**Forebay:** A reservoir or pond situated at the intake of a pumping plant or power plant to stabilize water level; also, a portion of a groundwater basin where large quantities of surface water can recharge the basin through infiltration.

**Gray water reuse:** Reuse, generally without treatment, of domestic type wastewater for toilet flushing, garden irrigation and other non-potable uses. Excludes water from toilets, kitchen sinks, dishwashers, or water used for washing diapers.

**Green Acres Project (GAP):** A 7.5 million gallons per day (MGD) water reclamation project that serves tertiary treated recycled water to irrigation and industrial users in Costa Mesa, Fountain Valley, Huntington Beach, Newport Beach, and Santa Ana.

**God Squad:** A seven-member committee that is officially called the "Endangered Species Committee". Members consist of Secretary of the Interior, the Secretary of Agriculture, the Secretary of the Army, the Chairman of the Council of Economic Advisers, the Administrator of the National Oceanic and Atmospheric Administration and one individual from the affected state. The squad was established in 1978 by an amendment to the 1973 Endangered Species Act (ESA). It has only been called into action three times to deal with proposed federal agency actions that have been determined to cause "jeopardy" to any listed species. Such actions may receive an exemption from the ESA if five members of the committee determine that the action is of regional or national significance, that the benefits of the action clearly outweigh the benefits of conserving the species and that there are no reasonable and prudent alternatives to the action.

**Groundwater:** Water that has percolated into natural, underground aquifers; water in the ground, not water puddled on the ground.

**Groundwater basin:** A groundwater reservoir defined by the overlying land surface and the underlying aquifers that contain water stored in the reservoir. Boundaries of success-ively deeper aquifers may differ and make it difficult to define the limits of the basin.

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**Groundwater mining:** The withdrawal of water from an aquifer in excess of recharge over a period of time. If continued, the underground supply would eventually be exhausted or the water table could drop below economically feasible pumping lifts.

**Groundwater overdraft:** The condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years during which water supply conditions approximate average.

**Groundwater recharge:** The action of increasing groundwater storage by natural conditions or by human activity. See also: Artificial recharge.

**Ground Water Replenishment System (GWRS):** A joint project of the Orange County Water District and the Orange County Sanitation District that will provide up to 100,000 acre-feet of reclaimed water annually. The high-quality water will be used to expand an existing underground seawater intrusion barrier and to replenish the groundwater basin underlying north and central Orange County.

**Groundwater table:** The upper surface of the zone of saturation (all pores of subsoil filled with water), except where the surface is formed by an impermeable body.

**GPM:** Gallons per minute.

**Ground Water Replenishment System (GWRS):** Orange County Water District's state-of-the-art, highly advanced, waste-water treatment facility.

**Hydrologic balance:** An accounting of all water inflow to, water outflow from, and changes in water storage within a hydrologic unit over a specified period.

**Hydrologic cycle:** The process of water constantly circulating from the ocean, to the atmosphere, to the earth in a form of precipitation, and finally returning to the ocean.

**Imported water:** Water that has originated from one hydrologic region and is transferred to another hydrologic region.

**Inflatable rubber dams:** Designed to replace temporary sand levees that wash out during heavy storm flow, the dams hold back high-volume river flows and divert the water into the off-river system for percolation.

**Influent:** Water or wastewater entering a treatment plant, or a particular stage of the treatment process.

**Irrigation:** Applying water to crops, lawns or other plants using pumps, pipes, hoses, sprinklers, etc.

**JPIA** Joint Powers Insurance Authority. A group of water agencies providing self-insurance to members of the ACWA.

**LAIF** Local Agency Investment Fund. Statewide pool of surplus public agency money managed by State Treasurer.

**Leach:** To remove components from the soil by the action of water trickling through.

**MAF:** Million acre feet.

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**MCL:** Maximum contaminant level set by EPA for a regulated substance in drinking water. According to health agencies, the maximum amount of a substance that can be present in water that's safe to drink and which looks, tastes and smells good.

**MET:** Metropolitan Water District of Southern California.

**MGD:** Million gallons per day.

**Microfiltration:** A physical separation process where tiny, hollow filaments members separate particles from water.

**Microorganism:** An animal or plant of microscopic size.

**MWD:** Metropolitan Water District of Southern California.

**MWDOC:** Municipal Water District of Orange County. Intermediate wholesaler between MWD and 27 member agencies including ETWD.

**Non-point source pollution:** Pollution that is so general or covers such a wide area that no single, localized source of the pollution can be identified.

**NPDES** National Pollution Discharge Elimination System

**OCBC:** Orange County Business Council.

**OCEMA** Orange County Environmental Management Agency

**OCWD:** Orange County Water District.

**Opportunity:**

1. A favorable juncture of circumstances.
2. A good chance for advancement or progress .

**Organism:** Any individual form of life, such as a plant, animal or bacterium.

**PCM** Professional Community Management, Inc. Property Management company providing services to Laguna Woods Village and other homeowner associations.

**Perched groundwater:** Groundwater supported by a zone of material of low permeability located above an underlying main body of groundwater with which it is not hydrostatically connected.

**Percolation:** The downward movement of water through the soil or alluvium to the groundwater table.

**Permeability:** The capability of soil or other geologic formations to transmit water.

**Point source:** A specific site from which waste or polluted water is discharged into a water body, the source of which is identified. See also: non-point source.

**Potable water:** Suitable and safe for drinking.

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**PPB:** Parts per billion.

**Precipitation:** Water from the atmosphere that falls to the ground as a liquid (rain) or a solid (snow, sleet, hail).

**Primary treated water:** First major treatment in a wastewater treatment facility, usually sedimentation but not biological oxidation.

**Primary treatment:** Removing solids and floating matter from wastewater using screening, skimming and sedimentation (settling by gravity).

**Prior appropriation doctrine:** Allocates water rights to the first party who diverts water from its natural source and applies the water to beneficial use. If at some point the first appropriator fails to use the water beneficially, another person may appropriate the water and gain rights to the water. The central principle is beneficial use, not land ownership.

**Pumping Plant:** A facility that lifts water up and over hills.

**Recharge:** The physical process where water naturally percolates or sinks into a groundwater basin.

**Recharge basin:** A surface facility, often a large pond, used to increase the infiltration of surface water into a groundwater basin.

**Reclaimed wastewater:** Wastewater that becomes suitable for a specific beneficial use as a result of treatment. See also: wastewater reclamation.

**Reclamation project:** A project where water is obtained from a sanitary district or system and which undergoes additional treatment for a variety of uses, including landscape irrigation, industrial uses, and groundwater recharge.

**Recycling:** A type of reuse, usually involving running a supply of water through a closed system again and again. Legislation in 1991 legally equates the term "recycled water" to reclaimed water.

**Reservoir:** A place where water is stored until it is needed. A reservoir can be an open lake or an enclosed storage tank.

**Reverse osmosis:** (RO) A method of removing salts or other ions from water by forcing water through a semi-permeable membrane.

**RFP** Request for Proposal

**Riparian:** Of or on the banks of a stream, river, or other body of water.

**RO:** Reverse osmosis. See the listing under "reverse osmosis."

**R-O-W** Right-of-way

**Runoff:** Liquid water that travels over the surface of the Earth, moving downward due to gravity. Runoff is one way in which water that falls as precipitation returns to the ocean.



**RWQCB** Regional Water Quality Control Board. State agency regulating discharge and use of recycled water.

**Safe Drinking Water Act (SDWA):** The Safe Drinking Water Act (SDWA) was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (SDWA does not regulate private wells which serve fewer than 25 individuals.) SDWA authorizes the United States Environmental Protection Agency (US EPA) to set national health-based standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water. US EPA, states, and water systems work together to make sure that these standards are met.

**Safe yield:** The maximum quantity of water that can be withdrawn from a groundwater basin over a long period of time without developing a condition of overdraft, sometimes referred to as sustained yield.

**SAFRA** Santa Ana River Flood Protection Agency

**Salinity:** Generally, the concentration of mineral salts dissolved in water. Salinity may be measured by weight (total dissolved solids - TDS), electrical conductivity, or osmotic pressure. Where seawater is known to be the major source of salt, salinity is often used to refer to the concentration of chlorides in the water.

**SAWPA:** Santa Ana Watershed Project Authority.

**SCADA** Supervisory Control and Data Acquisition

**SCAP** Southern California Alliance of Publicly. Newly formed group of public agencies seeking reasonable regulation of sewer industry.

**SCH** State Clearing House – Environmental Review/Processing

**Seasonal storage:** A three-part program offered by Metropolitan Water District of Southern California:

**STSS (Short Term Seasonal Storage)** financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;

**LTSS (Long Term Seasonal Storage)** financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

**Seawater intrusion:** The movement of salt water into a body of fresh water. It can occur in either surface water or groundwater basins.

**Seawater barrier:** A physical facility or method of operation designed to prevent the intrusion of salt water into a body of freshwater.

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**Secondary treatment:** The biological portion of wastewater treatment which uses the activated sludge process to further clean wastewater after primary treatment. Generally, a level of treatment that produces 85 percent removal efficiencies for biological oxygen demand and suspended solids. Usually carried out through the use of trickling filters or by the activated sludge process.

**Sedimentation:** The settling of solids in a body of water using gravity.

**Settle:** To clarify water by causing impurities/solid material to sink to a container's bottom.

**Sewer:** The system of pipes that carries wastewater from homes and businesses to a treatment plant or reclamation plant. Sewers are separate from storm drains, which is a system of drains and pipes that carry rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged.

**SigAlert:** Any unplanned event that causes the closing of one lane of traffic for 30 minutes or more, as opposed to a planned event, like road construction, which is planned.

**SJBA** San Juan Basin Authority

**Sludge:** The solids that remain after wastewater treatment. This material is separated from the cleaned water, treated and composted into fertilizer. Also called biosolids.

**SOCWA** South Orange County Wastewater Authority. Regional Joint Powers Authority formed for collection and treatment of sewerage (previously known as AWMA/SERRA/SOCRA). SOCWA member agencies:

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

**SRF** State Revolving Fund

**Storm Drain:** The system of pipes that carries rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain

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water is not treated before it is discharged. Storm drains are separate from sewers, which is a separate system of pipes to carry wastewater from homes and businesses to a treatment plant or reclamation plant for cleaning.

**Storm flow:** Surface flow originating from precipitation and run-off which has not percolated to an underground basin.

**SWP:** State Water Project. An aqueduct system that delivers water from northern California to central and southern California.

**SWRCB** State Water Resources Control Board

**TDS:** Total dissolved solids. A quantitative measure of the residual minerals dissolved in water that remain after evaporation of a solution. Usually expressed in milligrams per liter.

**Tertiary treatment:** The treatment of wastewater beyond the secondary or biological stage. Normally implies the removal of nutrients, such as phosphorous and nitrogen, and a high percentage of suspended solids.

**THM:** Trihalomethanes. Any of several synthetic organic compounds formed when chlorine or bromine combine with organic materials in water.

**TMA:** Too many acronyms.

**TMDL:** Total maximum daily load; A quantitative assessment of water quality problems, contributing sources, and load reductions or control actions needed to restore and protect bodies of water.

**Transpiration:** The process in which plant tissues give off water vapor to the atmosphere as an essential physiological process.

**Turbidity:** Thick or opaque with matter in suspension; muddy water.

**Ultraviolet light disinfection:** A disinfection method for water that has received either secondary or tertiary treatment used as an alternative to chlorination.

**VE** Value Engineering

**VOC:** Volatile organic compound; a chemical compound that evaporates readily at room temperature and contains carbon.

**Wastewater:** Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result.

**Water Cycle:** The continuous process of surface water (puddles, lakes, oceans) evaporating from the sun's heat to become water vapor (gas) in the atmosphere. Water condenses into clouds and then falls back to earth as rain or snow (precipitation). Some precipitation soaks into the ground (percolation) to replenish groundwater supplies in underground aquifers.

**Water rights:** A legally protected right to take possession of water occurring in a natural waterway and to divert that water for beneficial use.

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**Water-use Efficiency:** The water requirements of a particular device, fixture, appliance, process, piece of equipment, or activity.

**Water year (USGS):** The period between October 1st of one calendar year to September 30<sup>th</sup> of the following calendar year.

**Watermaster:** A court appointed person(s) that has specific responsibilities to carry out court decisions pertaining to a river system or watershed.

**Water Reclamation:** The treatment of wastewater to make it suitable for a beneficial reuse, such as landscape irrigation. Also called water recycling.

**Watershed:** The total land area that from which water drains or flows to a river, stream, lake or other body of water.

**Water table:** The top level of water stored underground.

**WEF** Water Environment Federation. Formerly – Water Pollution Control Federation (WPCF). International trade group advising members of sewage treatment techniques and their effect on the environment.

**Weir box:** A device to measure/control surface water flows in streams or between ponds.

**Wellhead treatment:** Water quality treatment of water being produced at the well site.

**Wetland:** Any area in which the water table stands near, at, or above the land surface for a portion of the year. Wetlands are characterized by plants adapted to wet soil conditions.

**Xeriscape:** Landscaping that requires minimal water.