

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

September 23, 2021

7:30 a.m.

Members of the public who wish to comment on any item within the jurisdiction of the District or on any item on the agenda, attend the meeting in person at the District's office or may observe and address the Meeting by joining at this link:

<https://us02web.zoom.us/j/85650155731>. (Meeting ID: 856 5015 5731).

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 – Vice President Freshley

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. Recognitions

1. Mr. Cafferty will recognize and congratulate Will Wesson, Maintenance Worker I, for receiving his D-4 Water Distribution Operator certification from the State of California State Water Resources Control Board.

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 August 26, 2021 Board meeting.
- b. Consider approving the minutes of the Adjourned Finance and Insurance Committee meeting of August 23, 2021 which continued at the August 26, 2021 Board meeting.
- c. Consider approving the Directors and General Manager to attend the Orange County Water Summit in Anaheim, CA on October 15, 2021.
- d. Consider approving the Directors and General Manager to attend the ACWA Fall Conference in Pasadena, CA November 30, 2021 to December 2, 2021.

Recommended Action: The Board will be requested to approve the subject minutes and conference attendance.

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. **Policy Statement 1985-5 (IV) Travel and Expense Reimbursement Policy**
(Reference Material Included)

Staff and the Board will review the District's Travel and Expense Reimbursement Policy.

Recommended Action: Staff recommends that no modifications to the District's Travel and Expense Reimbursement Policy are necessary at this time.

4. **Association of California Water Agencies (ACWA) Committee Consideration for 2022/23** (Reference Material Included)

Staff will review and comment on the ACWA Committee Consideration process.

Recommended Action: Staff recommends that the Board of Directors 1) determine which Directors would like to serve on ACWA committees for 2022/23 and 2) direct staff to submit completed Committee Consideration Forms by the September 30 deadline.

5. **MWDOC Choice Program 2021-2022** (Reference Material Included)

Staff will review and comment on the MWDOC Choice Program and the payment of a MWDOC invoice associated with the District's participation in the Water Use Efficiency and School Choice Programs.

Recommended Action: Staff recommends that the Board of Directors authorize the District's General Manager to pay MWDOC's Invoice #16854, dated 8/28/21, in the amount of \$56,885.43 for the MWDOC WUE and School Choice Programs.

GENERAL MANAGER INFORMATION ITEMS

6. **General Manager Performance Evaluation Form**

A potential form to facilitate the annual performance evaluation of the General Manager is provided for consideration by the Board.

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

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

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

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

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

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

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

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

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

- a. SOCWA Board Meeting – September 2, 2021
- b. SOCWA Engineering Committee Meeting – September 9, 2021
- c. SOCWA Finance Committee Meeting – September 21, 2021

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

- a. MWDOC/MET Directors Workshop – September 1, 2021
- b. MWDOC Planning/Operations Meeting – September 7, 2021
- c. MWDOC Administration & Finance Committee – September 8, 2021
- d. MWDOC Board Meeting – September 15, 2021
- e. MWDOC Managers Meeting – September 16, 2021

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

- a. Report on the September 8, 2021 meeting

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

- a. Report on the September 7, 2021 ISDOC Executive Committee meeting

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

- a. Report on the September 10, 2021 WACO meeting
- b. Report on the September 21, 2021 WACO Planning Committee meeting

COMMITTEE AND GENERAL INFORMATION

16. **Dates to Remember for September/October 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. 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)*.
2. In accordance with Government Code Section 54956.96 in order to receive, discuss, and/or take action concerning information obtained by the District's representative pertaining to a closed session of the South Orange County Wastewater Authority ("SOCWA"), a joint powers agency.

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
August 26, 2021

President Gaskins called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 7:30 a.m. on August 26, 2021.

Director Havens 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, HANNAH FORD, Engineering Manager, SHERRI SEITZ, Public Relations/Emergency Preparedness Administrator, GILBERT J. GRANITO, General Counsel, STUART KAIN, Maintenance Worker III, JAY CURRY, Wastewater Operator III, RALPH PALOMARES, Industrial Waste Inspector, and POLLY WELSCH, Recording Secretary

Oral Communications/Public Comments

There were no comments.

Items Received Too Late to be Agendized

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

Presentation of Awards, Recognitions, and Introductions

1. Mr. Cafferty recognized and congratulated Jay Curry, Wastewater Operator III, for 30 years of service with the District.
2. Mr. Cafferty recognized and congratulated Stuart Kain, Maintenance Worker III, for 30 years of service with the District.
3. Mr. Cafferty recognized and congratulated Ralph Palomares, Industrial Waste Inspector for 40 years of service with the District.

At approximately 7:35 a.m. Mr. Curry, Mr. Kain, and Mr. Palomares left the meeting.

Consent Calendar

President Gaskins asked for a Motion.

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

Roll Call Vote:

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

Director Reports for Meetings Attended

Director Havens stated that she attended the RRC meeting, the MWDOC/MET Directors workshop, the SOCWMA Executive Committee meeting, the Southern California Water Coalition webinar, the WateReuse webinar, the

TV-6 program, the MWDOC Board meeting, OCWA, LAFCO, OC WaterReuse, and our regular Board meetings.

Director Vergara stated that he attended the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, WACO, WACO Planning Committee meeting, the WaterReuse meeting, the SOCEC meeting, and the regular Board meetings.

Director Monin stated that he attended the ISDOC Executive Committee meeting, the MWDOC/MET Directors workshop, WACO, the CASA conference where they discussed disposable wipes, regulatory topics, gender diversity in the workplace, drought on the horizon, state and federal affairs, and the Paradise fire. He further stated that he also attended the WACO Planning meeting, the MWDOC Admin/Finance meeting, the OCWA meeting, the Orange County Emergency Action Committee, the OCCOG meeting, and the regular Board meetings.

Vice President Freshley stated that she attended the CASA conference where they discussed legislation and using bio gas to be more usable by wastewater agencies, and the amount of money passed in the Senate, PFAS designated funds and research, and flushable wipes. She further stated that she also attended the WACO meeting, the MWDOC/MET Directors workshop, the MWDOC Board meeting, the MWDOC Planning/Operations meeting, the RRC meeting, the SOCWA Board meeting, the SOCWA Finance meeting, the SOCWA Taskforce meeting, LAFCO, the Pres/VP/GM meeting, the Agenda

Review meeting, a meeting with the Auditors, the OCWA meeting, the Laguna Woods City Council meeting, and the regular Board meetings.

President Gaskins stated that he attended the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the Pres/VP/GM meeting, the WACO meeting, the Agenda review meeting, and the regular Board meetings.

General Manager Action Items

ACWA Region 10 Board Election for the 2022-23 Term

Mr. Cafferty stated that the ACWA Region 10 Board Ballot is included in the Board package. He further stated that Mr. Chuck Gilson, Director at SMWD is here today to speak in support of his candidacy.

Mr. Gibson stated that he would like to be re-elected for the position of ACWA Board member, and asked for ETWD's support.

President Gaskins asked for a Motion.

Motion: Vice President Freshley made a Motion, seconded by Director Havens and unanimously carried across the Board to authorize the General Manager to cast the vote for the ACWA Region 10 Board Ballot to accept the ACWA Region 10 Slate as recommended by the Nominating Committee.

Roll Call Vote:

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

COVID-19 Update

Mr. Cafferty stated that COVID cases continue, and staff continues to provide self-checks every day, and abiding by the masking rules for unvaccinated staff.

President Gaskins asked for a Motion.

Motion: Director Vergara made a Motion, seconded by Vice President Freshley 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 November 23, 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

Revisions to Employee Handbook

President Gaskins and Mr. Cafferty gave kudos to Ms. Cimorell for her hard work on the Employee Handbook.

Vice President Freshley asked on page 46, a section was added called “Diversity, Equity and Inclusion”, and she stated that our reputation as an agency is really good, so why do we need this in the handbook. Mr. Cimorell replied that Cal Chambers updated the policy due to a lot of issues coming into the Courts and they recommend adding it to our policies as a preventative measure.

President Gaskins asked for a Motion.

Motion: Vice President Freshley made a Motion, seconded by Director Monin, and unanimously carried across the Board to approve the updates to the existing ETWD Employee Handbook dated August 2021.

Roll Call Vote:

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

Adjourned Finance and Insurance Committee Meeting

At approximately 8:20 a.m. President Gaskins recessed today's Regular Board meeting and called to order the adjourned Finance and Insurance Committee meeting of August 23, 2021.

Regular Session Resumed

At approximately 8:30 a.m. the adjourned Finance and Insurance Committee meeting was adjourned and the Board returned to Regular Session of today's Board meeting.

General Manager Information Items

General Manager's Monthly Report

Mr. Cafferty stated that the Battery report is included, which had not been included for several months due to SCE changing their billing system, and not having access to the data. He further stated that the performance has significantly improved.

Vice President Freshley asked for an understanding of what causes the Peak Reduction and the Peak Incurred with the differences from month to month. Mr. Cafferty replied that Plant operation doesn't change dramatically, and some seasonal impact could have an effect.

Mr. Cafferty stated that we could ask the vendor to come to a Board meeting to review this report with staff and the Board to get a better understanding.

Director Monin stated that on the Customer Service report Total Telephone Calls went from 970 to 691, so we are doing better.

Vice President Freshley stated that the Aged Receivables are quite small, yet on Monday's meeting we were showing them well overdue because Uncollectible Accounts for the month are approximately \$1,200 and the budget was \$1,600. Mr. Cafferty replied that the Aged Receivables are debt that the District has determined may still be collectible and therefore has not been written off as uncollectible.

Legislative Reports

President Gaskins stated that he appreciates seeing all of the legislative reports in the Board package. Vice President Freshley stated that the Lewis Consulting report is not current for us, so perhaps we should leave it out of the package. Director Monin replied that he feels we should leave it in the package, as he would rather have too much information than not enough.

Public Education and Outreach & Water Conservation Reports

Ms. Seitz stated that the most recent Bill Message we are asking our customers to voluntarily reduce water use by 15%.

Ms. Seitz stated that Director Havens did an interview on drought conditions and water conservation with Lisa Hart in August, and Vice President Freshly will be presenting the Budget in September.

Ms. Seitz stated that staff completed a CAFR press release which will be going out this week.

Ms. Seitz stated that the H2O for HOAs event, we have Director Havens as a guest speaker to present on the state's water supply, landscape irrigation and plant choices.

Ms. Seitz stated that the newsletter is in development and will be distributed in September. She further stated that we are working with a new developer called RockSpark Communications, and are working on creating a new design.

Ms. Seitz stated that the bill insert will be going out in October.

Director Havens complimented what Ms. Seitz puts on the Water Use Efficiency Plan update.

SOCWA

Mr. Cafferty stated that at the SOCWA Board meeting they got through their year-end Capital projects, and they have been sending out invoices based on their budget. He further stated that SOCWA has gone to great lengths to rectify their cash reserve issue.

Mr. Cafferty stated that at the SOCWA Engineering Committee meeting they discussed how SOCWA allocates solids costs.

Mr. Cafferty stated that at the SOCWA Finance Committee meeting, they discussed the SOCWA Finance reports, and Actuarial Valuation report. He further stated that they also discussed the Joint Powers Authority (JPA) Agreement and the project agreements, and concerns about liability.

Mr. Cafferty stated that the Ad Hoc Committee consists of himself, Dan Ferons, SMWD, Matt Collings, MNWD, and Mark Sternum, SCWD. He further stated that yesterday they made sure the agencies Board members who sit on the SOCWA Board were aware of what the discussion was and what the presentation is likely to look like at the upcoming SOCWA Board meeting.

MWDOC

President Gaskins stated that they discussed the interview process.

Mr. Cafferty stated that at the MWDOC Managers meeting, they discussed IRWD's Strand Ranch project which is a water banking program. He further stated that they have facilities in Kern County called Strand Ranch and Stockdale Ranch and they have a partnership with Rosedale Storage District where they can store water and bring it back under certain conditions.

Mr. Cafferty stated that one of the challenges is that they can convey it using MET facilities, and using the Aqueduct which is available for emergency use in the case of allocations. He further stated that there is a cost associated with storing water there.

Mr. Cafferty stated that MWDOC is going to be evaluating and seeking input from the agencies about MWDOC's role. He further stated that MWDOC has resisted providing the interview questions, but did provide a list of topics they want to discuss.

Director Vergara stated that at the MWDOC Planning/Operations meeting, there was a presentation from SMWD on conservation water efficiency.

Director Monin stated that at the MWDOC/MET Directors workshop, the new GM at MET discussed speaking at the OC Water Summit, and other topics. He further stated that at the MWDOC Admin/Finance meeting they discussed Strategic Digital Communications Services.

LAFCO

Vice President Freshley stated that they discussed the approval for SMWD's annexation of the City of San Juan Capistrano's Water and Wastewater Utilities.

South Orange County Agencies Group Meeting Report

Director Vergara stated that he is now the Chair person for this group.

SOCWMA Management and/or Executive Committee Report

Director Havens stated that she is now the Vice Chair of this group. She further stated that the San Juan Working Group provided an overview of what they are hoping to establish.

Director Havens stated that Charles Busslinger provided a report, and Emily Fudge from the US Forest Service, provided a brief update on the San

Juan Aquatic Passage and Habitat Restoration.

ISDOC

Director Monin stated that they discussed the Orange County Fire Authority, and they also discussed the Great Park, and Yorba Linda's Heli-hydrant. He further stated that they are waiving the dues for the coming year.

WACO

Director Monin stated that Tim Quinn will be speaking at the September WACO meeting, and at the October meeting will be Water Storage in California.

Committee and General Information

Dates to Remember for August/September 2021

There were no comments.

Comments Regarding Non-Agenda Items

There were no comments.

Attorney Report

Mr. Granito reported that there is no need for a Closed Session today, and as such the Regular Session continued.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:30 a.m.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

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

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

MINUTES OF THE ADJOURNED MEETING
OF THE
FINANCE & INSURANCE COMMITTEE
OF AUGUST 23, 2021
CONTINUED TO THE REGULAR BOARD MEETING
OF AUGUST 26, 2021

At approximately 8:20 a.m. President Gaskins called the Adjourned meeting of the regular Finance and Insurance Meeting to order.

ERP Software System

Mr. Cafferty stated that this item was carried over from Tuesday's Finance Committee meeting due to staff being in the process of negotiating with Springbrook on some language in the Agreement on their standard contracts.

Mr. Cafferty stated that the changes are that their standard contracts refer to abiding by the laws of Oregon where their Corporate Headquarters are located, and we requested that they change it to the state of California. He further stated that Springbrook has agreed to this change.

President Gaskins asked for a Motion.

Motion: Vice President Freshley made a Motion, seconded by Director Vergara and unanimously carried across the Board to authorize the District's General Manager to 1) enter into a contract with Springbrook in the amount of \$42,910.65 for an annual software subscription, and 2) enter into a contract in the amount of \$130,133 with Springbrook for professional services associated with implementation and training.

Roll Call Vote:

Director Havens	aye
Director Vergara	aye

Director Monin	aye
Vice President Freshley	aye
President Gaskins	aye

Vice President Freshley asked when we will be switching to the new system. Mr. Cafferty replied it will be happening at the beginning of the new fiscal year. Vice President Freshley suggested a monthly report at the Finance meetings to keep the Board updated until we are ready to switch over to the new system.

Adjournment

There being no further business to come before the Board, the adjourned meeting of the Finance and Insurance Committee was adjourned at 8:30 a.m.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

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

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

Polly Welsch

From: Orange County Water District <info@ocwd.com>
Sent: Tuesday, July 20, 2021 3:35 PM
To: Polly Welsch
Subject: Registration open for OC Water Summit



2021 WATER BREAKING NEWS

***We're back and better than ever!
Join us in person this October for the
region's premier water conference!***

- An event like no other where your time is maximized.
- We'll cut through the noise and get down to the issues you really want to hear about.
- Featuring MORE content, MORE interaction, MORE networking, and MORE water.
- All the meat and none of the fat.
- Hear about the latest and most critical water issues facing the region.
- The 2021 OC Water Summit is the conference everyone will be talking about.
- Don't be left out. Register today!

*Registration open for
the 2021 OC Water
Summit*

Friday, October 15
8 a.m. - 1:30 p.m.

Disney's Grand
Californian Hotel & Spa
Anaheim, CA

REGISTER

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Great speaker lineup

Prominent voices in
water and policy will
bring their perspectives
to five lively sessions.
Check out our current
program to view
speakers and topics.

VIEW PROGRAM

Individual tickets are \$130 and include breakfast, lunch and self-parking.
Price increases to \$150 September 3.

Questions? Reply to this email or contact Crystal Nettles at cnettles@ocwd.com.



Orange County Water District | 18700 Ward Street, Fountain Valley, CA 92708

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2021 SUMMIT PROGRAM REGISTER SPONSOR 2019 SUMMIT

**2021 OC Water Summit Program*****8:00 – 8:10 a.m.****Welcome**

Welcome address by Directors Sheldon and Thomas, followed by the Pledge of Allegiance and introduction of Master of Ceremonies.

- Stephen Sheldon, President, Orange County Water District
- Jeffery Thomas, Director, Municipal Water District of Orange County
- Fritz Coleman, Master of Ceremonies

8:10 – 9:10 a.m.**The Delta—Have We Grown Apart?**

Since the 1960s, the Delta has been synonymous with California water. Decades later, is investing in the Delta still the answer? What's the real cost? How long will it take? Is there an alternative? Explore these questions and many more as we take a deeper dive into the Delta.

- Moderator: Steven Greenhut, Author
- Speakers TBD

9:10 – 10:00 a.m.**Water Prediction—Collaboration Yields Increased Supplies**

Weather forecasting is nothing new, but recent advancements in forecasting are aiding stormwater capture and flood control efforts. From Lake Mendocino to Prado Dam, improved water and weather forecasts allow for more effective management of reservoirs. Learn more about this public-private collaboration that has gained support for developing Forecast Informed Reservoir Operations.

- Moderator: Fritz Coleman
- Marty Ralph, PhD., Director, Center for Western Weather and Water Extremes, Scripps Institution of Oceanography
- Col. Julie A. Balten, 63rd Commander, Los Angeles District, US Army Corps of Engineers (Invited)
- Grant Davis, General Manager, Sonoma Water

10:00 – 10:15 a.m.**BREAK**

10:15 – 11:15 a.m.**PFAS—Where are We Now?**

In 2019, PFAS became a critical issue for the water industry. The Orange County Water District has led the way in exploring how PFAS can be removed from groundwater supplies. Hear from the experts who are researching, designing and constructing PFAS treatment in Orange County.

- Moderator: Jason Dadakis, Executive Director of Water Quality and Technical Resources, OCWD
- Patricia Tinnerino, Account Manager-Environmental Solutions, Evoqua Water Technologies
- Scott Grieco, Ph.D., P.E., Global Technology Leader, Jacobs
- Kirk Harns, Owner, Pacific Hydrotech

11:15 a.m. – 12:00 p.m.**The Santa Ana River—What's Coming Downstream?**

What's happening in the upper watershed affects Orange County. Learn what's in store for Southern California's largest river and how this will impact us downstream.

- Moderator: Jeff Mosher, General Manager, Santa Ana Watershed Project Authority
- Shivaji Deshmukh, P.E., General Manager, Inland Empire Utilities Agency
- Heather Dyer, CEO and General Manager, San Bernardino Valley Municipal Water District
- Todd Corbin, General Manager, Riverside Public Utilities
- Miguel Guerrero, P.E., General Manager, City of San Bernardino

12:00-12:30 p.m.**19 Million People, 26 Agencies—Will the Plan Serve All?**

Hear from the Metropolitan Water District of Southern California (MET) about its recently completed Integrated Water Resources Plan (IRP). What's in it and does it guarantee a reliable water system for generations to come. Does the audience agree? Hear stakeholder questions tackled live on stage.

- New General Manager, Metropolitan Water District of Southern California (MWD)

12:30 – 12:45 p.m.*BREAK***12:45 – 1:00 p.m.***LUNCH SERVICE***1:00 – 1:25 p.m.****Keynote: Title TBD**

- Patricia Mulroy, Senior Fellow, William S. Boyd School of Law, University of Nevada Las Vegas (Invited)

1:25-1:30 p.m.**Closing Remarks**

Closing remarks from Directors Sheldon and Thomas.

- Stephen Sheldon, President, Orange County Water District
- Jeffery Thomas, Director, Municipal Water District of Orange County

Polly Welsch

From: ACWA 2021 Fall Conference & Exhibition <events@acwa.com>
Sent: Tuesday, August 17, 2021 11:04 AM
To: Polly Welsch
Subject: Fall Conference registration is now open!



Click [here](#) to view it in your browser.



Reconnect with Other Water Leaders at ACWA's 2021 Fall Conference & Exhibition

Water industry leaders will join together at ACWA's 2021 Fall Conference & Exhibition at the Pasadena Convention Center in Pasadena, CA. We invite you to attend to network with the California water community, hear from top officials and industry experts on regulatory, environmental, and economic issues, and learn about new products and services in the Exhibit Hall. Also, legal, financial, energy and drinking water sessions are available for continuing education credits.

ACWA and the Pasadena Convention Center are committed to the health and safety of our members, guests, employees, and community. As a recipient of the GBAC Star Facility Accreditation, the Pasadena Convention Center is implementing the highest standards for cleaning and disinfection to welcome attendees back to a safe meeting destination. ACWA will be following

CDC, state, and local guidelines for meeting and catering planning. See the [Health & Safety Flyer](#) for more information.

Unique sponsorships are also available for the Fall Conference. Click [here](#) to download the exhibitor & sponsorship prospectus or [contact Stacey Siqueiros](#) for more details.

Don't miss out and register today! Now, with new ways to participate!

We are pleased to offer [both an in-person registration and a virtual Conference pass](#). On-demand conference program recordings and Group savings are also available. Check out the [Preliminary Agenda](#) to plan your participation!

[REGISTER NOW](#)

GET MORE CONFERENCE INFO

[Conference Pricing](#) | [In-Person Terms](#) | [Virtual Terms](#) | [Sponsorship](#) | [Agenda](#) | [Exhibit](#) | [Health & Safety](#)

UPCOMING EVENTS

2021 Region Virtual Event Series
Aug 19 & Sep 22
Online Events

[REGISTER](#)

Live Webinar - Technology to Address Trends in Damage Prevention
August 31, 2021
Online Event

[REGISTER](#)

2021 CLE Virtual Workshop Series
Oct 6, 13, 20 & 27
Online Events

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ACWA Virtual Event Series

Zooming Through California:
Connecting ACWA Regions

July to September



ACWA 2021 Fall Conference & Exhibition

PRELIMINARY AGENDA

November 30 – December 2, 2021 • Pasadena

ACWA JPIA - MONDAY, NOV. 29

8:30 – 10:00 AM

- ACWA JPIA Program Committee

10:15 – 11:15 AM

- ACWA JPIA Executive Committee

1:30 – 4:00 PM

- ACWA JPIA Board of Directors

4:00 – 5:00 PM

- ACWA JPIA Town Hall

5:00 – 6:00 PM

- ACWA JPIA Reception

TUESDAY, NOV. 30

8:00 AM – 9:45 AM

- Agriculture Committee

8:00 AM – 6:00 PM

- Registration

8:30 AM – Noon

- ACWA JPIA Seminars

10:00 – 11:45 AM

- Groundwater Committee
- Local Government Committee

11:00 AM – Noon

- Outreach Task Force

Noon – 2:00 PM

- Committee Lunch Break

1:00 – 2:45 PM

- Energy Committee
- Finance Committee
- Water Management Committee

1:00 – 3:00 PM

- ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)

3:00 – 4:45 PM

- Communications Committee
- Federal Affairs Committee
- Membership Committee
- Water Quality Committee

5:00 – 6:30 PM

- Welcome Reception in the Exhibit Hall

WEDNESDAY, DEC. 1

7:30 AM – 5 PM

- Registration

8:00 – 9:45 AM

- Opening Breakfast (*Ticket Required*)

8:30 AM – 6:00 PM

- Connect in the Exhibit Hall

10:00 – 11:00 AM

- Attorneys Program
- Energy Committee Program
- Finance Program
- Region Forum
- Statewide Forum
- Water Industry Trends Program

11:00 AM – 1:00 PM

- Connect in the Exhibit Hall
- Exhibitor Demonstrations
- Networking Lunch (*Ticket Required*)

Noon – 1:00 PM

- General Session/Election

1:15 – 2:45 PM

- Attorney Program
- Communications Committee Program
- Finance Program
- Region Forum
- Statewide Forum
- Water Industry Trends Program

3:00 – 3:30 PM

- Ice Cream Break in the Exhibit Hall

3:30 – 4:30 PM

- Roundtable Talks

3:45 – 5:30 PM

- Legal Affairs Committee

5:00 – 6:00 PM

- Outreach Reception in the Exhibit Hall

6:00 PM

- CalDesal Hosted Mixer
- Jacobs Hosted Reception

7:00 – 10:00 PM

- Dinner & Entertainment (*Ticket Required*)

THURSDAY, DEC. 2

7:30 AM – 4 PM

- Registration

7:45 – 9:15 AM

- Regions 1-10 Membership Meetings

8:00 AM – Noon

- Connect in the Exhibit Hall

8:30 – 10:45 AM

- Ethics Training (AB 1234) - *Ltd. Seating*

9:30 – 11:00 AM

- Attorneys Program
- Federal Forum
- Finance Program
- Region Forum
- Statewide Forum
- Water Industry Trends Program

11:15 – 11:45 AM

- Prize Drawings in the Exhibit Hall

Noon – 2:00 PM

- General Session Luncheon (*Ticket Required*)

2:15 – 3:15 PM

- Attorneys Program
- Exhibitor Demonstrations
- Human Resource Program
- Statewide Forum
- Town Hall
- Water Industry Trends Program

3:30 – 4:30 PM

- Closing Reception

All conference programs
are subject to change.

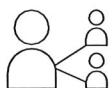
Last modified: August 10, 2021

REGISTRATION, MEALS AND HOTEL PRICING SHEET



REGISTER ONLINE

Register online by **November 19, 2021** at www.acwa.com to take advantage of the advance pricing.



REGISTER ON SOMEONE'S BEHALF

Select from a list of people affiliated with your company in your account. If the registrant is not listed, you will need to create a Portal profile for the registrant before registering.

REGISTRATION OPTIONS

Advantage pricing applies to ACWA public agency members, associates & affiliates.
Standard pricing applies to non-members of ACWA.

	ADVANCE DEADLINE: 11/19/21		ONSITE	
	ADVANTAGE	STANDARD	ADVANTAGE	STANDARD
Full Conference Registration & Meals Package	\$725	N/A	N/A	N/A
NEW! Package Add-On: On-Demand Conference Recordings Bundle	\$159	N/A	N/A	N/A
Full Conference Registration Only (meals sold separately)	\$580	\$870	\$610	\$915
One-Day Conference Registration (meals sold separately) Wednesday: Includes Welcome Reception on Tuesday night	\$345	\$520	\$365	\$545
Guest Conference Registration (meals sold separately) Guest registration is not available to anyone with a professional reason to attend.	\$75	\$75	\$75	\$75
NEW! On-Demand Conference Recordings Includes on-demand access to all recorded sessions after the live conference.	\$205	\$305	\$205	\$305
NEW! LIVE Virtual Conference Pass (+2 weeks On-Demand access) Includes virtual access to live streamed conference sessions PLUS 2 weeks on-demand access to all recorded sessions after the live conference.	\$385	\$575	N/A	N/A

MEAL FUNCTIONS

	ADVANCE	ONSITE
Wednesday Opening Breakfast - December 1	\$50	\$55
Wednesday Networking Luncheon - December 1	\$50	\$55
Wednesday Dinner & Entertainment - December 1	\$75	\$80
Thursday Continental Breakfast in Exhibit Hall - December 2	\$40	\$45
Thursday Luncheon - December 2	\$55	\$60

HOTEL INFORMATION

You must be registered for the ACWA conference in order to receive hotel reservation information and conference special room rate. **Conference special rate is available September 7 - November 1**, based on availability.

HOTEL & ROOM RATES

The Westin Pasadena, 191 N. Los Robles Avenue
Single/Double \$199 per night*

Hilton Pasadena, 168 S. Los Robles Avenue
Single \$209 per night* | Double \$219 per night*

Hyatt Place Pasadena, 399 E. Green Street
Single/Double \$219 per night*

* Subject to applicable state/local taxes & fees

Deadline for group rate is November 1, 2021

IMPORTANT DATES

The conference hotel room block opens on September 7.

For those **registering for conference prior to September 7**, information on how to reserve your hotel room will be provided via e-mail on September 7.

For those registering for conference from **September 7 to November 1**, your **confirmation e-mail** will include the information on how to reserve your hotel room and an opportunity to receive a conference special hotel rate.

QUESTIONS?

Email us at events@acwa.com

Registration Cancellation Deadline: November 19, 2021 4:30 p.m. (PT)

Conference terms and conditions available at acwa.com in the event section.

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TRAVEL AND EXPENSE REIMBURSEMENT POLICY
FOR EMPLOYEES

I. PURPOSE

To advance training and professionalism, the El Toro Water District (District) encourages and authorizes attendance at various schools, seminars and conferences by its employees. Employees may also be required to travel both in and outside the state to conduct official District business. The purpose of this travel and expense policy is to furnish rules, guidelines, and procedures for governing reimbursement for travel expenses, and to establish certain procedures concerning travel authorization, documentation, and accounting. The District's objectives are to allow travel arrangements, and activities for its employees that conserve District funds and that have a significant and meaningful link to the purposes, policies, and interests of the District.

"Travel" shall mean attendance at meetings, conferences, or other functions on District business at other than the employee's headquarters. Employees shall not be in travel status to the extent that they travel to perform job assignments related to District facilities within designated service or maintenance areas unless it is overnight.

II. AUTHORIZATION FOR TRAVEL

Employees, if authorized by their supervisors, may travel anywhere within Orange County to carry out their assignments.

Other travel on District business by employees shall be undertaken only with the prior approval of the General Manager, or the Assistant General Manager.

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TRAVEL AND EXPENSE REIMBURSEMENT POLICY
FOR EMPLOYEES
(Continued)

III TRAVEL ARRANGEMENTS

To ensure the accuracy of travel arrangements and compliance with District policy, all employees will be required to complete all the appropriate travel forms. The forms will then be submitted to the Board Secretary or designee for processing.

Employees traveling on District business may make all travel arrangements and registrations through the Board Secretary or designee. All such payment and registration requests must be submitted in a timely manner to allow sufficient time for normal processing.

IV. POLICY

1. Employees are expected to exercise good judgment and a proper regard for economy in incurring expenses.
2. When required, the District will prepay airfares, lodging costs and conference registration fees. All such payment requests must allow sufficient time for normal processing and approval prior to payment.
3. When traveling on official District business, employees are encouraged to utilize their personal credit cards and/or cash for all expenses, and then to request reimbursement for such expense. However, in circumstances where the use of such credit cards and/or cash is deemed impractical, and where the total expense is expected to exceed fifty (\$50.00), the District may provide an advance of funds. Such advance shall not exceed one hundred percent (100%) for the total estimated expense.
4. Within ten (10) working days after completion of a trip, a travel expense report should be submitted to the Board Secretary or designee.

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TRAVEL AND EXPENSE REIMBURSEMENT POLICY
FOR EMPLOYEES
(Continued)

5. Paid receipts for lodging, rail or airfares and conference registration fees are required if such expenses have been incurred. All other receipts received in the normal course of business shall also be attached.
6. There is no objection to an employee's spouse and/or other family member accompanying them on an official trip, provided that their presence does not detract from the employee's performance of duty. However, the District will not reimburse any expenses attributable to any companion.
7. In any situation where extraordinary travel expenses are expected to be incurred, or where this Policy does not adequately cover the situation or would result in an undue hardship, exceptions may be made with prior approval.
8. An employee may use any mode of transportation, designated or approved, including airline, railroad, bus or automobile. Reimbursement will be based on the following paragraphs.
 - A. Travel shall be by the most direct route. If an indirect route is used, the additional costs shall be at the employee's personal expense. Whenever air travel is used, an advance travel request shall be submitted to the Board Secretary or designee in order to obtain the lowest possible fare.
 - B. Air travel reimbursement shall be limited to economy fares including all applicable fee charges and taxes where such service is available. Travel to and from airports shall be by the most cost effective method.

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TRAVEL AND EXPENSE REIMBURSEMENT POLICY
FOR EMPLOYEES
(Continued)

- C. Reimbursement for the use of private cars, except those receiving a car allowance, shall be at the rate as established by the Internal Revenue Services (IRS). Mileage reimbursement shall be limited to the economy fare for air travel. Parking charges at the destination will be reimbursed in accordance with the provisions of this policy.

- D. Reimbursement for the use of rental cars will be allowed only when such use has been approved in advance. Maximum reimbursement for car rental will be for a full-size car.

- E. Travel in District vehicles may be approved when circumstances warrant it. When traveling in a District vehicle, receipts shall be secured for the purchase of gas, oil, and other supplies necessary en-route. These amounts shall be shown on the expense report with a notation that a District vehicle was used, indicating the District unit number, the license plate number and make of the vehicle. The amount of the charge shall be typed opposite the transportation category.

If emergency repairs are necessary, they shall be paid for by the person to whom the car is assigned. All receipts for such payments must be furnished in order to obtain reimbursement.

- F. It is expected that hotel and motel reservations will be made in advance whenever possible, and that lodging will be secured at rates considered reasonable for the particular destination. "Government rates" or "commercial rates" shall be requested at hotels and motels offering these discounts.

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TRAVEL AND EXPENSE REIMBURSEMENT POLICY
FOR EMPLOYEES
(Continued)

- G. Reimbursement for lodging shall be limited to the minimum number of nights required to conduct the assigned District business. If an employee chooses to arrive earlier or stay later, the additional lodging and other expenses related to this decision will be the employee's personal expense.
- H. Generally, an employee shall not use lodging unless the destination is a 75-mile or more drive from the District's Administration Office or unless there is a very early or late official meeting that could justify the employee staying overnight at the destination.
- I. Any room service charges appearing on the hotel bill shall be deducted from the bill and reimbursed in accordance with the provisions of this policy.
- J. Local and long distance telephone and computer access charges will be reimbursed when such charges are incurred in conducting official District business or making essential personal calls such as a "safe arrival call." Charges will be shown on a separate line of the travel expense report and shall, therefore, be deducted from the hotel bill.
- K. When meals are associated with employee travel the following policies and procedures will apply:
 - i. Maximum allowance to cover meals, including meal tips, will be provided as follows:

Breakfast	\$15.00
Lunch	\$20.00
Dinner	\$30.00

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TRAVEL AND EXPENSE REIMBURSEMENT POLICY
FOR EMPLOYEES
(Continued)

Under certain meeting or conference circumstances the maximum meal allowance may not be sufficient. In such cases, the General Manager has the authority to review and, if deemed appropriate, may approve the expenditure. Under similar instances involving the General Manager, the President of the Board of Directors shall review and, if deemed appropriate, may approve the expenditure.

- ii. No reimbursement shall be made for meals, other than during travel, without prior approval.
 - iii. No reimbursement shall be made for alcohol at any time.
 - iv. For travel that requires less than a full day, and for the day of departure and day of return on longer trips, the above amounts will be allowed for the meals actually required. All meal allowances shall be entered on the appropriate lines of the Travel Expense Report, with receipt(s) attached.
 - v. When conference, seminar or school registration fees include one or more meals, or where individual meals are otherwise provided, no amount shall be entered for this meal on the travel expense form.
 - vi. Paid, itemized receipts for meals, in addition to any credit card receipts, are required if meal expenses have been incurred.
- L. At times when other expenses associated with travel are required, employees will be reimbursed for all business expenses necessary to conduct the assigned District business. Examples include, but are not limited to the following:
- i. Airport parking charges when air travel is used.

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TRAVEL AND EXPENSE REIMBURSEMENT POLICY
FOR EMPLOYEES
(Continued)

- ii. Parking charges at the destination hotel or garage when transportation is by private or rental car.
- iii. Airport bus/shuttle, or taxi fares where free airport bus/shuttle service is not available.
- iv. Conference, seminar or school registration fees.
- v. Local transportation (only as required for official District business).
- vi. A reasonable amount will be allowed for baggage handling, laundry and dry cleaning for employees attending a conference or school of more than one week in length. All receipts for such expense must be submitted with the travel expense report.
- vii. No reimbursement will be made for personal expenses such as newspapers, magazines, haircuts, shoeshines, excessive personal telephone calls, taxi fares to and from restaurants, and other personal expenses.

Prepared by: Staff/General Counsel	<p align="center">EL TORO WATER DISTRICT</p> <p align="center">POLICY STATEMENT</p> <p align="center">DIRECTOR TRAVEL AND EXPENSE</p> <p align="center">REIMBURSEMENT</p> <p align="center">1985-5 (IV)</p>	Page 9 of 14 Item 4 Section IV
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I. PURPOSE

To advance training and professionalism, El Toro Water District (District) encourages and, with prior approval by the Board, authorizes attendance at conferences (i.e. ACWA, CSDA, WaterReuse, CASA) by its Board members (Directors). Directors may be required to travel both in and outside the state to conduct official District business. This policy is to furnish guidelines for reimbursement for travel expenses and to establish certain procedures concerning travel authorization and documentation.

Members of the Board of Directors are encouraged to attend, with prior approval by the Board or the Board President, educational conferences and professional meetings when the purposes of such activities are to benefit the El Toro Water District. In addition, subject to prior approval of the Board or the Board President, the District encourages Directors development and excellence of performance by reimbursing expenses incurred for tuition, travel, lodging and meals as a result of training, educational courses and participation with professional organizations, associated with the interests of the District.

This Policy will be reviewed annually by the entire Board of Directors at a regular monthly meeting of the Board.

II. GOVERNANCE

The District shall adhere to Government Code Sections 53232 through 53232.4 when dealing with issues of Director remuneration and reimbursement.

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III. AUTHORIZED EVENTS

Subject to the District's enabling statutes, attendance at the following qualifies a Director to be eligible to receive compensation.

- A. A conference or organized educational activity conducted in compliance with Government Code Section 54952.2(c), including but not limited to ethics training required by Government Code Section 53234.
- B. Official business representing the District.

IV AUTHORIZED EXPENSES

- A. Reimbursement rates shall coincide with rates set by Internal Revenue Service Publication 463 or its successor publication(s).
- B. If lodging is in connection with the above or other prior approved event, such lodging costs shall not exceed the maximum group rate published by the conference or activity sponsor. If the published group rate is unavailable, Directors shall be reimbursed for comparable lodging at government or IRS rates.
- C. Reimbursement for lodging shall be limited to the minimum number of nights required for the Director's attendance at the event. Charges for local and long distance telephone calls and computer access will be reimbursed when such calls are made in conducting official District business or essential personal calls such as a "safe arrival call". There will be no reimbursement for personal telephone calls or other hotel charges not related to District business needs.
- D. A Director's spouse or other family member(s) may accompany the Director on trips authorized under this policy provided that their presence does not detract from the Director's performance of duty. However, no expenses attributable to any companion will be reimbursed by the District.

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<p>E. If travel and lodging is in connection with the above or other prior approved event, Directors shall use government or group rates offered by the provider of transportation when available.</p> <p>F. If transportation is by commercial airline, reimbursement shall generally not exceed the standard round-trip airline economy airfare in effect at the time.</p> <p>G. Travel shall be by the most direct route. If an indirect route is used, the additional costs shall be at the Director's personal expense. Whenever air travel is used, an advance travel request shall be submitted to the Board Recording Secretary in order to obtain the lowest possible fare.</p> <p>H. If the use of the Director's personal automobile is required, the owner will be compensated for the mileage driven at the rate established by the Internal Revenue Service (IRS). Parking charges at the destination will be reimbursed with a receipt.</p> <p>I. Maximum reimbursement for car rental will be for a full-size car.</p> <p>J. Reimbursement for meals (including tips) during travel to, from and during the event, not included in the registration fee shall be limited to the minimum number of days required for attending the event.</p> <p>K. Any and all expenses that do not fall within the adopted travel reimbursement policy or the IRS reimbursable rates are required to be approved by the District's Board of Directors in a public meeting prior to the expenses being incurred.</p> <p>L. Expenses that do not adhere to the adopted travel reimbursement policy or the IRS reimbursable rates, and that do not receive prior approval from the District's Board of Directors in a public meeting prior to the expense being incurred, shall not be eligible for reimbursement.</p>		

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AUTHORIZED EXPENSES (Continued)

- M. *Expenses in General and Registration* - Authorized expenses may include registration, lodging, communication (telephone, computers, fax), business meals, common carrier fares, automobile rentals, parking fees, and use of personal automobiles at the standard mileage rate permitted at the time by the Internal Revenue Service.

V. REIMBURSEMENT

- A. The District shall provide expense reimbursement report forms to Directors who attend the above functions on behalf of the District, which shall document that expenses adhere to this policy.
- B. Except when customarily no receipts are provided or available (i.e. baggage handling), receipts are required to be submitted in conjunction with the expense report form. Failure to submit necessary receipts will result in denial of the reimbursement claim.
- C. Directors attending functions consistent with the above or other prior approved events shall submit written or oral reports to the District on the meeting(s) that were attended.
- D. It is against the law to falsify expense reports. Penalties for misuse of public resources or violating this policy may include, but are not limited to, the following:
- (A) The loss of reimbursement privileges;
 - (B) Restitution to the District;
 - (C) Civil penalties for misuse of public resources pursuant to Government Code Section 8314; and
 - (D) Prosecution for misuse of public resources, pursuant to Section 424 of the Penal Code, penalties for which include 2, 3 or 4 years in prison.

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VI. TRAVEL ARRANGEMENTS

- A. To ensure the accuracy of travel arrangements, Directors are to complete and sign the appropriate travel forms and submit them to the Board Recording Secretary or designee for processing per attachment ("A").
- B. Travel arrangements and registrations are to be made through the Board Recording Secretary. All payment and registration requests must be submitted in a timely manner to allow sufficient time for normal processing.
- C. Once the appropriate travel requests have been submitted and processed, a Travel Order (Attachment "B") authorizing the travel and attendance will be sent to the Director.

VII. GENERAL PROVISIONS

- A. All costs, including those pre-paid by the District prior to the Director's attendance at an approved meeting, will be listed on the Director's expense report at the end of the month in which the expenses were incurred, and wherever possible, must be substantiated with a receipt attached to the expense report.
- B. Travel related expenses for each Director are limited to \$7,000 per fiscal year. Unused portions of the Director's annual budget for this purpose cannot be carried over to a subsequent budget period. No further reimbursements will be made to any Director if their travel related expenses reach the \$7,000 limit in any fiscal year.
- C. In any situation where extraordinary travel expenses is expected to be incurred, or where this Policy does not adequately cover the situation, or would work an undue hardship, exceptions may be made with prior approval of the Board President and General Manager.

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GENERAL PROVISIONS (Continued)

- D. Directors will submit their Travel Expense Claim Form for reimbursement to the District office within the first week, if possible of each month for the prior month's expenses. The Board President, General Manager or designated representative will approve and sign the Claim Form before request for payment can be processed. The Board President's Claim Form shall be approved by the General Manager or Assistant General Manager.

- E. When a Director is obtaining authorization for travel and is aware that the circumstances are such that the charges should not be made against their annual budget, they may request authorization from the Board of Directors or President of the Board that the charges for this activity not be charged against their annual budget.



JOIN A COMMITTEE AND GET INVOLVED

ACWA has 13 standing committees that members can join and get involved. This is a great way for members to engage in state and local issues and influence policy and legislation. Committees are structured to include representation from all 10 ACWA Regions, bringing together diverse voices on technical and policy matters. **Take action, join a committee!**

COMMITTEE APPOINTMENT PROCESS TIMELINE

2022 - 2023 TERM

Committee consideration forms emailed to member agency general managers and board presidents.

13

JULY

Region Chair and Vice Chair recommendation deadline.

18

NOV

Incoming ACWA President appoints members of committees.

13

DEC

30

SEPT

All completed consideration forms due.
Any consideration submitted after deadline will be put on a waiting list.

2

DEC

Region recommendations given to incoming ACWA President.

31

DEC

ACWA notifies committee members of appointments and rosters posted on acwa.com.

COMMITTEE COMPOSITION

Committee members are appointed for two-year terms that begin on Jan. 1 of even-numbered years. You can learn more about ACWA's 13 standing committees below. For more information and bylaws, visit www.acwa.com. If you have any questions, please contact Region and Member Engagement Specialist Ana Javid at anaj@acwa.com.

Committee	Description	Composition	Meetings Per Year	Liaison
Agriculture	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors, State Legislative Committee, Federal Affairs Committee or other committees, as appropriate, regarding agricultural issues affecting the interests of ACWA and its members. 	Unlimited	4	Chelsea Haines Regulatory Relations Manager chelseah@acwa.com
Business Development	<ul style="list-style-type: none"> Develops and recommends to the Board of Directors programs and activities to be provided or administered by the association that generate non-dues revenue and provide a service or benefit to association members. 	Unlimited	2	Tiffany Giammona Senior Director of Operations & Member Engagement tiffanyg@acwa.com
Communications	<ul style="list-style-type: none"> Develops and recommends to the Board of Directors and ACWA staff regarding communications and public affairs programs. Promotes sound public information and education programs and practices among member agencies. Prepares and distributes materials for use by member agencies in their local outreach efforts. Provides input and guidance to ACWA's Communications Department. 	Limited to 40	4	Heather Engel Director of Communications heathere@acwa.com
Energy	<ul style="list-style-type: none"> Recommends policies and programs to the Board of Directors, the State Legislative Committee and the Federal Affairs Committee as appropriate. 	Unlimited	4	Nick Blair Regulatory Advocate nickn@acwa.com
Federal Affairs	<ul style="list-style-type: none"> Coordinates with other ACWA committees regarding input on federal issues before both Congress and the federal administrative branches. 	Limited to 5 per Region	2	David Reynolds Director of Federal Relations davidr@acwa.com
Finance	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors regarding annual budgets, investment strategies, annual audits and auditor selection, dues formula and schedule, and other financial matters. 	Limited to 2 per Region (1 Region Chair/ Vice Chair and 1 with financial experience)	4 - 5	Dan Gumpert Controller dang@acwa.com
Groundwater	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors on groundwater policy issues. Monitors state and federal regulations and legislation affecting the quality and management of groundwater. Conducts studies and gathers data on groundwater issues. Develops policies regarding groundwater management. Coordinates with other committees on groundwater issues. 	Unlimited	4	Soren Nelson Regulatory Advocate sorenn@acwa.com

Committee	Description	Composition	Meetings Per Year	Liaison
Legal Affairs	<ul style="list-style-type: none"> Acts on requests for assistance on legal matters of significance to ACWA member agencies. Reviews proposed ACWA bylaw revisions and works with staff to produce publications to assist member agencies in complying with state and federal laws. Files amicus curiae filing on important cases, comments on proposed regulations and guidelines of state agencies such as the Fair Political Practices Commission and monitors and engages in water rights matters of interest to member agencies. 	Limited to 45	2 - 3	Kris Anderson Legislative Advocate II krisa@acwa.com
Local Government	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors and the State Legislative Committee on local government matters affecting water agencies, including planning issues, local government organization, and finance. Gathers and disseminates information on the value of special districts, and shares information promoting excellence in local government service delivery. 	Limited to 3 per Region	2	Julia Hall Senior Legislative Advocate juliah@acwa.com
Membership	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors regarding membership policies, eligibility and applications for membership. Assists staff in developing membership recruitment and retention programs and reviews and makes recommendations to the Finance Committee regarding an equitable dues structure. 	Unlimited	2	Katie Dahl Member Services Manager katied@acwa.com
State Legislative	<ul style="list-style-type: none"> Reviews relevant introduced and amended legislation, and develops positions and provides recommendations to the Board of Directors on ballot measures and other major statewide policy issues. Works with staff amendments to bills and provides direction for staff on legislative matters. 	Limited to 4 per Region	10 - 12	Adam Quiñonez Director of State Legislative Relations adamq@acwa.com
Water Management	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors on policy and programs related to water management. Reviews and recommends positions on legislation and regulations as requested by other committees. Assists in gathering and disseminating information regarding agricultural and urban water management, water conservation and water use efficiency, development and use of water resources, wastewater treatment and water recycling and reuse. 	Limited to 4 per Region	4	Chelsea Haines Regulatory Relations Manager chelseah@acwa.com
Water Quality	<ul style="list-style-type: none"> Makes recommendations to the Board of Directors, the State Legislative Committee and the Federal Affairs Committee on policy and programs regarding water quality issues. Promotes cost-effective state and federal water quality regulations and provides a forum for members to work together to develop and present unified comments on water quality regulations. Develops and recommends positions and testimony on water quality regulatory issues. 	Unlimited	4	Nick Blair Regulatory Advocate nickn@acwa.com

TO GET INVOLVED, SUBMIT YOUR CONSIDERATION FORM NOW!

COMMITTEE CONSIDERATION FORM

PLEASE PRINT LEGIBLY

Agency Name (DO NOT use acronyms or abbreviations)	Phone
Agency Address	City, State & Zip

**BELOW PLEASE LIST ALL THOSE INTERESTED IN BEING ON ACWA COMMITTEES FOR YOUR AGENCY.
FOR ADDITIONAL RECOMMENDATIONS PLEASE FILL OUT ANOTHER FORM.**

**If an individual is not an agency employee or director, please indicate company affiliation.*

Name	Title/Company*	Email Address
Committee 1st Choice	Committee 2nd Choice	Committee 3rd Choice

Name	Title/Company*	Email Address
Committee 1st Choice	Committee 2nd Choice	Committee 3rd Choice

Name	Title/Company*	Email Address
Committee 1st Choice	Committee 2nd Choice	Committee 3rd Choice

Name	Title/Company*	Email Address
Committee 1st Choice	Committee 2nd Choice	Committee 3rd Choice

Name	Title/Company*	Email Address
Committee 1st Choice	Committee 2nd Choice	Committee 3rd Choice

Name	Title/Company*	Email Address
Committee 1st Choice	Committee 2nd Choice	Committee 3rd Choice

Signature (Agency/District General Manager or Board President signature required)	Title	Date
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QUESTIONS?

Contact Region and Member Engagement Specialist
Petra Rice at petrar@acwa.com or (916) 441-4545

980 9th Street, Suite 1000
Sacramento, CA 95814
www.acwa.com



STAFF REPORT

To: Board of Directors **Meeting Date:** September 23, 2021
From: Sherri Seitz, Public Relations / Public Relations Administrator
Subject: MWDOC Choice Program Invoice 2021-2022

Summary:

MWDOC created the member agency Choice Program in 2011-2012 to shift being funded by the general fund, distribute equitably, and allow agencies to opt in or out of specific choice programs offered by MWDOC.

The two choice programs that ETWD participates in are the Water Use Efficiency (WUE) Program and the School Program.

WUE Choice Program:

The WUE Choice Program is spread among the participating agencies based on the benefits received. The program benefits are determined by how much an agency uses various water use efficiency programs. The variety of choice programs include residential and commercial regional rebates and incentives, Landscape Design Assistance Program (LDAP), Home Surveys, Custom Member Agency Administered Programs (MAA) and the Water Loss Program. Ultimately, charges to an agency can vary significantly from year to year depending on how heavily the programs are used.

Choice School Program:

The Choice School Program is listed on Choice Program invoice attached. ETWD budgeted \$25,000 for the 2021-2022 MWDOC Choice School Program. The total cost is estimated at \$22,689.85. Due to COVID and the shutdown of the schools, ETWD has a credit from the prior school year FY 20-21 of (\$21,260.00) for a total of \$1,429.85.

WUE Program Costs:

ETWD budgets for the WUE Choice Program based off an average of prior years' costs. In FY 2021-2022, ETWD budgeted \$25,000 and the actual cost came in at \$56,138.86 with a credit of (\$683.28) from the prior year with a final total of \$55,455.58. This increase was due to higher activity levels in the Recycled Water On-Site Retrofit Program and the Turf Removal Program. ETWD received recycled water retrofit rebate funding of \$132,007 from MET and MWDOC incentives which made up 52.99% or \$29,747.98 of the WUE Choice Program invoice.

ETWD's turf removal rebate participation increased significantly in 2020 providing customers \$91,375 in MET and MWDOC incentives which made up 36.66% or \$20,580.51 of the WUE Choice Program invoice. In 2019, ETWD's turf removal rebate participation with MWDOC came in at \$15,190 due to the fact that ETWD was supplementing synthetic turf rebates which were not included in the WUE Choice Program.

The remaining balance of 10.35% or \$5,810.37 includes rebate participation in Smartimers, Drip Irrigation, Clothes washers, High Efficiency Toilets, Rain Barrels, Rotating Nozzles, Hose Bib Irrigation Controllers and the LDAP incentives. In 2019, the turf removal rebates consisted mainly of synthetic turf in which ETWD was funding and did not count in the WUE Choice Program.

ETWD's total outside funding increased from .97% to 6.13% on MWDOC's WUE Choice Program Allocation FY 2021/2022. A spreadsheet detailing the costs across the member agencies is attached.

WUE Choice Program:	\$55,455.58
School Choice Program:	<u>\$1,429.85</u>
Choice Programs Total	\$56,885.43

Recommended Action

Staff recommends that the Board of Directors authorize the District's General Manager to pay MWDOC's Invoice #16854, dated 8/28/21 in the amount of \$56,885.43 for the MWDOC WUE and School Choice Programs.

MWDOC Water Use Efficiency Choice Allocation for FY 2021/22

Based on Outside Funding in December 1, 2019 - December 31, 2020

By Retail Agency	Metropolitan Incentives [1]	MWDOC Grants [2]	Vendor Fees [3]	Total Outside Funding	Percentage Share	Initial Choice Allocation	Prior Year Percentage Share	Ajustment for Prior year	Current Year Invoice Amount
Brea	\$35,000	\$10,429	\$767	\$46,196	1.14%	\$10,409.11	4.76%	(\$3,367.56)	\$7,041.55
Buena Park	\$20,861	\$6,761	\$575	\$28,198	0.69%	\$6,353.63	1.39%	(\$985.32)	\$5,368.31
East Orange County Water District	\$4,806	\$267	\$57	\$5,130	0.13%	\$1,155.82	0.03%	(\$20.27)	\$1,135.55
El Toro Water District	\$186,809	\$61,437	\$899	\$249,146	6.13%	\$56,138.86	0.97%	(\$683.28)	\$55,455.58
Fountain Valley	\$53,699	\$2,288	\$3,355	\$59,341	1.46%	\$13,371.07	0.88%	(\$625.59)	\$12,745.48
Garden Grove	\$20,863	\$13,230	\$2,148	\$36,241	0.89%	\$8,165.96	1.22%	(\$864.89)	\$7,301.07
Golden State Water Company	\$18,157	\$5,918	\$1,909	\$25,984	0.64%	\$5,854.77	5.35%	(\$3,782.38)	\$2,072.39
Huntington Beach	\$203,360	\$34,646	\$9,470	\$247,476	6.09%	\$55,762.42	7.57%	(\$5,351.08)	\$50,411.34
Irvine Ranch Water District	\$472,223	\$132,801	\$29,239	\$634,263	15.62%	\$142,915.38	21.15%	(\$14,958.58)	\$127,956.80
La Habra	\$45,853	\$6,900	\$656	\$53,409	1.32%	\$12,034.29	0.83%	(\$583.72)	\$11,450.57
La Palma	\$1,436	\$151	\$146	\$1,732	0.04%	\$390.37	0.08%	(\$54.66)	\$335.71
Laguna Beach County Water District	\$10,957	\$1,894	\$373	\$13,224	0.33%	\$2,979.59	0.37%	(\$259.13)	\$2,720.46
Mesa Water District	\$200,230	\$21,996	\$1,591	\$223,817	5.51%	\$50,431.59	1.28%	(\$902.12)	\$49,529.47
Moulton Niguel Water District	\$563,208	\$137,473	\$20,483	\$721,164	17.76%	\$162,496.25	12.80%	(\$9,056.87)	\$153,439.38
Newport Beach	\$82,157	\$12,011	\$5,236	\$99,404	2.45%	\$22,398.15	9.26%	(\$6,549.79)	\$15,848.36
Orange	\$145,638	\$11,298	\$10,732	\$167,668	4.13%	\$37,779.85	1.81%	(\$1,282.03)	\$36,497.82
San Clemente	\$92,314	\$26,822	\$3,012	\$122,149	3.01%	\$27,523.15	3.65%	(\$2,583.26)	\$24,939.89
San Juan Capistrano	\$18,165	\$1,121	\$669	\$19,955	0.49%	\$4,496.30	0.94%	(\$662.27)	\$3,834.03
Santa Margarita Water District	\$280,689	\$72,444	\$23,503	\$376,635	9.27%	\$84,865.36	9.36%	(\$6,622.66)	\$78,242.70
Seal Beach	\$18,053	\$1,591	\$178	\$19,822	0.49%	\$4,466.40	3.30%	(\$2,335.89)	\$2,130.51
Serrano Water District	\$3,527	\$1,415	\$154	\$5,096	0.13%	\$1,148.29	0.05%	(\$33.57)	\$1,114.72
South Coast Water District	\$296,578	\$153,566	\$348	\$450,493	11.09%	\$101,507.28	0.37%	(\$264.07)	\$101,243.21
Trabuco Canyon Water District	\$25,848	\$131,945	\$429	\$158,223	3.90%	\$35,651.49	1.20%	(\$851.38)	\$34,800.11
Tustin	\$84,733	\$19,316	\$1,402	\$105,450	2.60%	\$23,760.54	5.65%	(\$3,993.07)	\$19,767.47
Westminster	\$72,335	\$562	\$4,634	\$77,531	1.91%	\$17,469.75	2.42%	(\$1,708.70)	\$15,761.05
Yorba Linda Water District	\$97,044	\$13,539	\$2,583	\$113,167	2.79%	\$25,499.30	3.32%	(\$2,346.41)	\$23,152.89
Anaheim	\$0	\$285	\$0	\$285	0.01%	\$64.22	0.00%	(\$2.44)	\$61.78
Fullerton	\$0	\$0	\$0	\$0	0.00%	\$0.00	0.00%	\$0.00	\$0.00
Santa Ana	\$0	\$190	\$0	\$190	0.00%	\$42.81	0.00%	\$0.00	\$42.81
Orange County Total	\$3,054,544	\$882,295	\$124,548	\$4,061,387	100%	\$915,132	100.00%	(\$70,730.99)	\$844,401.01

[1] Incentive amounts funded through Metropolitan's Conservation Credits Program. Programs include Commercial, Industrial, Institutional, Residential, Landscape, and Recycled Water Conversion.

[2] Outside funding through grants awarded to MWDOC by the California Department of Water Resources, and US Bureau of Reclamation. Excludes member agency administrative and supplemental

[3] Vendor fees are administrative processing costs paid for by Metropolitan or through MWDOC grants.

CEO Performance Evaluation**A. ACCOUNTABILITIES**

Score (1-5)

1. Leadership and Culture

- Provides focused and effective leadership that ensures commitment to the organization's mission and vision
- Sets an organizational tone that attracts, retains, motivates and develops a highly qualified workforce
- Ensures the right people are in place to carry out the organization's strategic direction
- Ensures that ongoing and relevant educational programs and training opportunities are provided to ensure effective skill- building among employees
- Visibility and Staff Development

COMMENTS:

2. Strategic Development

- Collaborates with the board to set the strategic direction for the organization
- Develops, communicates and leads the implementation of the strategic plan in a manner consistent with the organization's mission, vision and values (adaptability)
- Ensures that short-term and long-term goals and priorities are communicated and well-understood by the boards, employees, and the community
- Accomplishments

COMMENTS:

3. Process Standardization and improvements

- Review operating procedures to ensure effective, timely, and expeditious execution of services
- Ensures the key processes are standardized and followed
- Reviews Director and resident complaints, problems, and requests and makes improvements

COMMENTS:

4. Financial Leadership

- Financial results in the past year met or exceeded the budget set by the Mutuals and GRF
- Sets the tone for financial discipline and the importance of financial balance to achieve the mission and vision

COMMENTS:

Score (1-5)

5. Staff Relations

- Develops and maintains effective relationships with staff
- Involves the staff in efforts related to productivity & process improvement, and resident satisfaction
- Develops and implements a staff development plan consistent with the organization's strategic plan and goals

COMMENTS:

COMMENTS:

6. Board Relations

- Ensures a positive working relationship with the Board founded on honesty, trust and collaboration
- Directs the functions of the organization in accordance with the mission, vision and direction established by the Board
- Ensures continuous education for the Board on issues/topics important to ensure effective, evidence-based governing leadership

COMMENTS:

B. PERSONAL ATTRIBUTES AND LEADERSHIP QUALITIES

1. Continuous Leadership Improvement

- Committed to continually improving personal leadership performance
- Assumes responsibility for adverse outcomes
- Handles ambiguous situations well, always bringing focus to the organization's pursuit of its mission and vision

COMMENTS:

2. Systems Approach

- Establishes a unifying vision and culture across the organization
 - Considers the big picture when making decisions
- Builds interconnectedness in the system to achieve organizational success

COMMENTS:

Score (1-5)

3. Communication

- Seeks new and better ways to communicate with employees, members, and key stakeholders
- Maintains open lines of communication at all levels
- Maintains a strong rapport and professional working relationships at all levels
- Follow up

COMMENTS:

4. Ethics

- Maintains a high level of commitment to the mission and vision
- Combines strong ethical judgment with technical and management skills
- Exhibits values of fairness, honesty and compassion

COMMENTS:

C. STRATEGIC GOALS AND OBJECTIVES/KPI

1. ENSURE FINANCIAL STABILITY AND LONGEVITY

2. IMPROVE CUSTOMER SERVICE TO MEET RESIDENTS' NEEDS CONCERNS

3. ATTRACT, DEVELOP AND RETAIN HIGH QUALITY STAFF

4. IMPLEMENT TECHNOLOGY ADVANCES	
5. UPGRADE OUR INFRASTRUCTURE	
COMMENTS:	

Overall Performance Rating & Definitions:

- 1 = Unacceptable Work
- 2 = Less Than Effective Work
- 3 = Successful Work
- 4 = Highly Effective Work
- 5 = Exceptional Work



STAFF REPORT

To: Board of Directors

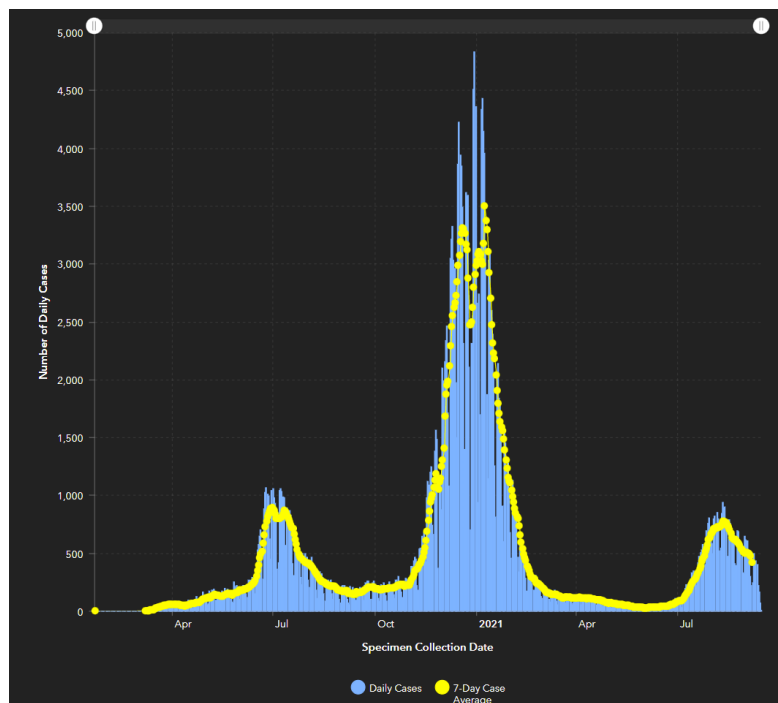
Meeting Date: September 23, 2021

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 as well as the District's response to the ever-changing challenges presented by the COVID-19 pandemic.

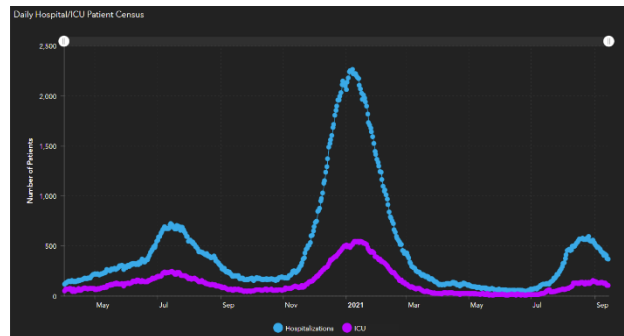
The course of the pandemic over the last 18 months has played out in a series of notable surges. The summer of 2020 surge experienced a seven-day case rate in Orange County that maxed out at nearly 900 cases per day with an individual day maximum of 1,064 daily cases. This past winter experienced a more severe surge with a seven-day case rate that maxed out at nearly 3,500 cases per day with an individual day maximum of 1,064 daily cases. The waning of the winter surge, coupled with increasing vaccinations reduced the seven-day average daily case rates to as little as 26/day in June. This lull was followed by another surge driven largely by the



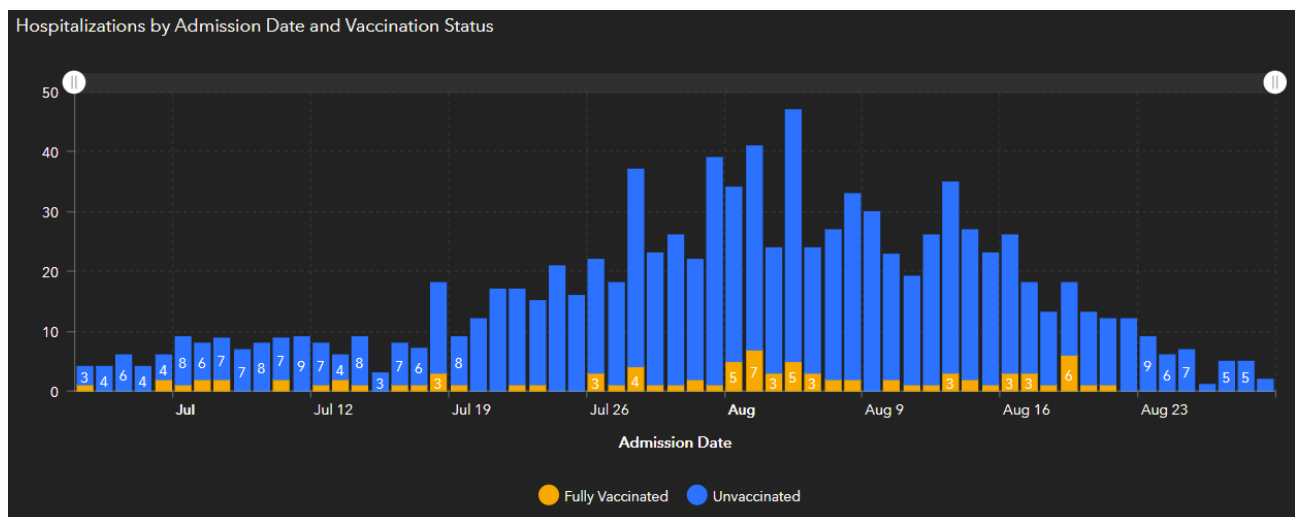
Delta variant. This most recent surge produced a maximum seven-day average of 778 daily cases with a maximum day of 943 in August. It is likely that vaccinations prevented this most recent surge from reaching the severity of the surge of last winter. Most recent data suggests the current surge is on the decline in Orange County with both the seven-day average case rate and individual daily case rates dropping significantly.

The effect of the COVID-19 pandemic on Orange County hospitals has paralleled the surges seen in the daily case rates. The peak hospitalizations and ICU occupancies in each of the surges are quantified in the following table.

	Summer, 2020	Winter 2020/2021	Summer, 2021
Hospitalizations	722	2,259	592
ICU	245	547	150



Once again, it appears that vaccinations have mitigated the severe health impacts in the most recent surge. Hospitalization data also suggests the most recent surge is on the decline in Orange County. On September 15, hospitalizations in the County had reduced to 371 including 102 in ICUs. It is interesting to note that 92% of the current ICU admissions are not fully vaccinated. The rate of hospital admissions for fully vaccinated people also remains very low as noted in the following chart.



Through September 16, 220,000 people in Orange County have received their first vaccine dose and another 1.93 million people have received both the first and second dose. In addition, 137,000 people have received the single dose Johnson and Johnson vaccine. Approximately 2.07 million people in Orange County are now fully vaccinated representing nearly 65% of Orange County Residents. As of September 16, approximately 23 million people in the State of California are fully vaccinated representing approximately 69% of the State population.

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

Customer Billing – The State mandated suspension of non-pay shutoffs expires on September 30, 2021. The State Water Resources Control Board recently released a survey of “arrearages” as the first phase in the roll out of the \$985 million California Water and Wastewater Arrearage Payment Program (Program). The Program will initially address community water system residential and commercial customer arrearages that have

accrued between March 4, 2020 and June 15, 2021. Funding will go directly to water systems to cover their losses from residential and commercial customer arrearages. Staff responded to the survey in the hopes that some funding will be made available to relieve the impact of delinquent payments. Staff continues to closely monitor 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.

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

- **Illness** – After experiencing no staff with COVID in the period between January and July the District had two staff members test positive for COVID. Both have recovered and returned to work. There have been no further cases of COVID amongst the District workforce in the last month.
- **OSHA Requirements** – The revisions to the OSHA Emergency Temporary Standards have been incorporated in the ETWD COVID-19 Prevention Program (CPP). The District continues to follow the current OSHA requirements including those regarding unvaccinated staff wearing face coverings while indoors.
- **Vaccination** – The District's employees have been advised of their eligibility and encouraged to consider vaccination. In an effort to implement the modifications to the OSHA ETS and ETWD CPP the District's employees have been requested to provide documentation of vaccination to Human Resources. Employees have been advised that they will be considered unvaccinated until they provide said documentation. Approximately 64% of the District's staff have provided documentation of vaccination to Human Resources.
- **Telecommuting** – As of July 12, all District staff returned to the office and the District's Customer Service Office was opened to the public.

GENERAL MANAGER'S REPORT

September 2021

I. OFFICE OF THE GENERAL MANAGER

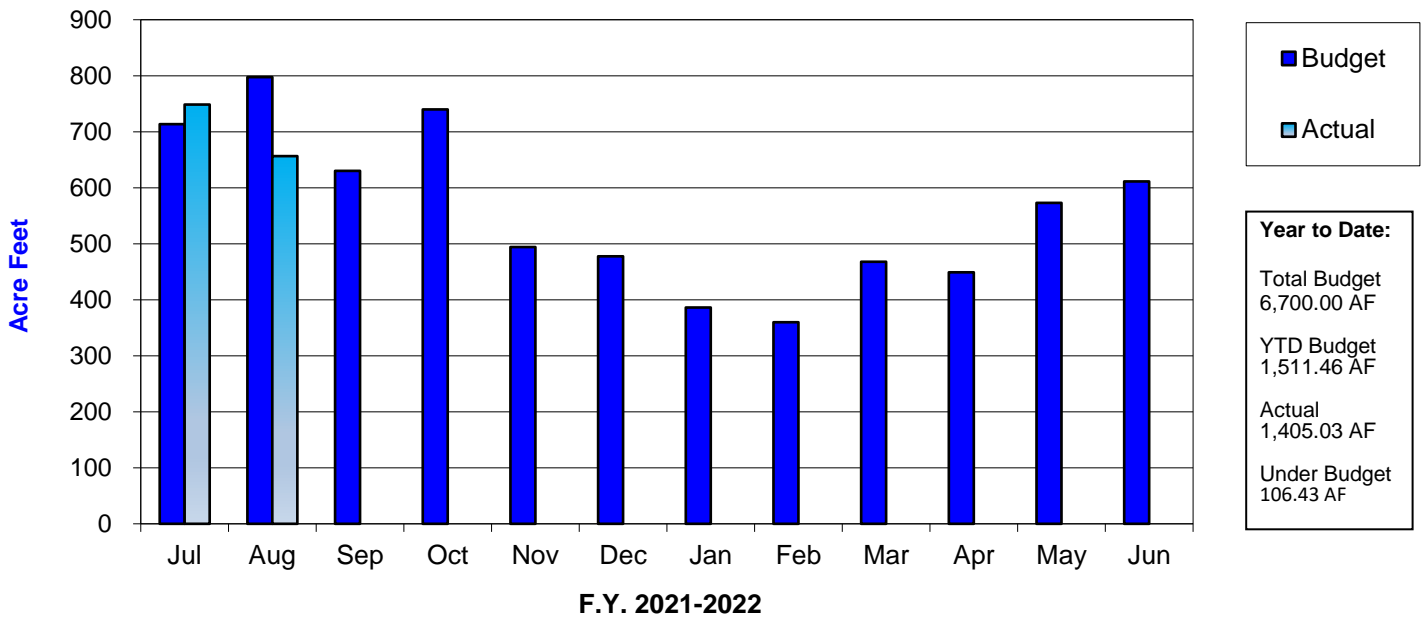
- Conducted ETWD All Employees Meeting
- Attended ETWD RRC Meeting
- Attended ETWD Pres/VP/GM Meetings
- Attended ETWD Agenda Review Meeting
- Attended Meeting with Stem
- Attended Meeting with SCE
- Attended ETWD Engineering/FIC Meetings
- Attended ETWD Regular Board Meeting
- Attended Meeting with NHA Advisors
- Attended Meeting with Senator Dave Min
- Attended Santiago Aqueduct Commission Meeting
- Attended Filter Plant Project Meeting with MWDOC
- Attended MWDOC/MET Directors Meeting
- Attended MWDOC P&O Meeting
- Attended MWDOC A&F Meeting
- Attended MWDOC Board Meeting
- Attended MWDOC Managers Meeting
- Attended MWDOC Water Loss Validation Meeting
- Attended IRWD Water Banking Program Meeting
- Attended SOCWA Board Meeting
- Attended SOCWA Engineering Committee Meeting
- Attended SOCWA Finance Committee Meeting

II. DOMESTIC AND RECYCLED WATER SALES

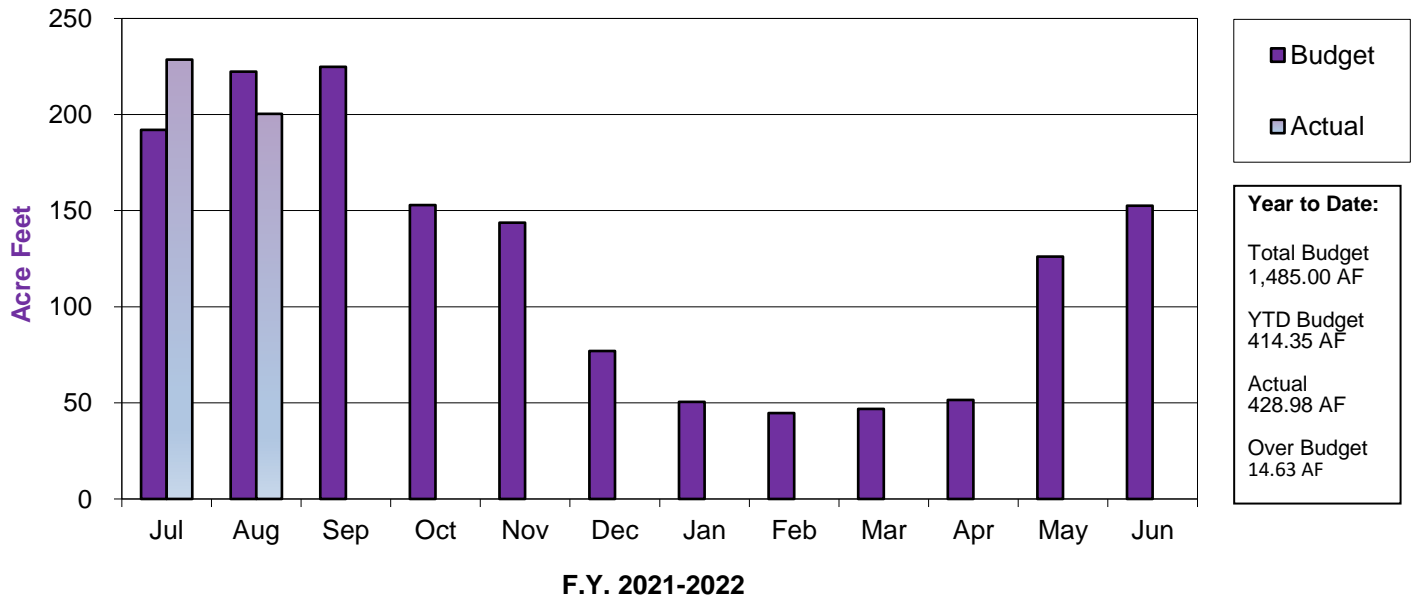
Actual domestic sales for the year-to-date as of August 31, 2021 are 1,405.03 acre-feet. This compares to year-to-date budgeted domestic sales of 1,511.46 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 106.43 acre-feet. Actual sales are 108.93 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of August 31, 2021 are 428.98 acre-feet. This compares to year-to-date budgeted recycled sales of 414.35 acre-feet. The year-to-date variation in actual to budgeted sales reflects an increase of 14.63 acre-feet. Actual sales are 49.61 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	AUG 2021	AUG 2020	Telephone Calls	AUG 2021	AUG 2020
Serviceman Dispatched to Read, Connect/Disconnect Service	90	88	Change of Service: Connections and Disconnections	80	105
Field Investigations:			Billing / Payments & Graph Inquires	138	214
Check for leaks - calls to CS			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	13	32
Office:(irrigation,meter,street leaks)					
Customer Responsible	31	15			
District Responsible	10	6	Variance / Adjustment Inquiries	16	31
None found/other	15	16	Variance / Adjustment Requests Processed	16	6
High Reads Checked - High Consumption (Billing Dept.)			Ordinance Infraction / Water Waste Complaints	1	0
Cust Leaks: _7_ No Leaks: _17_	24	46			
Check Stopped Slowed Meters-Low Consumption (Billing)	6	18	Outside Utility Districts	58	80
Re-Check Read	5	4	Phone calls Transfer to other Departments within ETWD	54	90
Ordinance Infraction	2	0	Phone calls for the Board of Directors	0	0
Recycled Water	0	0	Recycled Water	0	4
Water Quality: Taste / Odor / Color	8	8	Water Quality Taste - Odor - Color	3	9
Phone response: _8_ Field response: _0_			Leaks / Breaks	15	21
Flooding (Hydrant) Meters issued	3	1	Flooding Meter calls (Hydrant)	2	2
Sewer - Odor/Stoppage/ Manhole Covers	7	6	Sewer Problems (odor / spills)	3	8
Meter Box: Lids / Covers Replaced	21	24			
Meter Box Clean, Digout	9	0	Backflow / Cross Connection (questions or yearly testing forms)	3	5
Raised Meter Box	1	0	ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	7	7
Trim Bushes / Meter Obstruction	32	82			
General Maintenance Response	0	1	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	2
Fire Hydrants: Hit / Leaks / Caps	0	0	ATT Calls (access to tower sites)	0	1
Pressure(psi) Checks / Reads	2	8	SCE Calls (access to tower sites)	0	6
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	12	6	Pager Calls specifically for Pump Stations - SCADA	0	0
AMS angle-meter-stop replace/repair	0	1			
Bees Removed	1	1			
Backflow / Cross Connection	0	3	Payment Extensions	0	13
Fogged Registers	42	5	Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	194	152
OMCOP: Old Meter Change - Out Program	1	3	Return Calls from customers left on our voice mail system. Ext 500	5	17
Other: (uncommon non-maintenance calls)	7	6	Email Correspondence:	83	164
On-Call After Hrs. CS Response	26	13	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	10	8
# 48/24 Hr. Door Hangers Hung	0	0	Misc. (other: employment, deliveries, sales calls)	17	53
# Locked Off For Non-Pay (Disconnect)	0	0	Payment Processing Fee Complaints	0	0
Removed Meter	0	6			
New Meter	4	17			
Unread Meters	3	8			
Total Field Investigations	362	392	Total Telephone Calls	718	1030
Uncollectible Accounts:			Credit Card Payments	AUG 2021	AUG 2020
Budget YTD	\$ 3,333.00	\$ 3,333.00	REGULAR	1,043 \$202,962.82	890 \$102,582.82
Actual YTD	\$ 1,199.00	\$ 46.00			

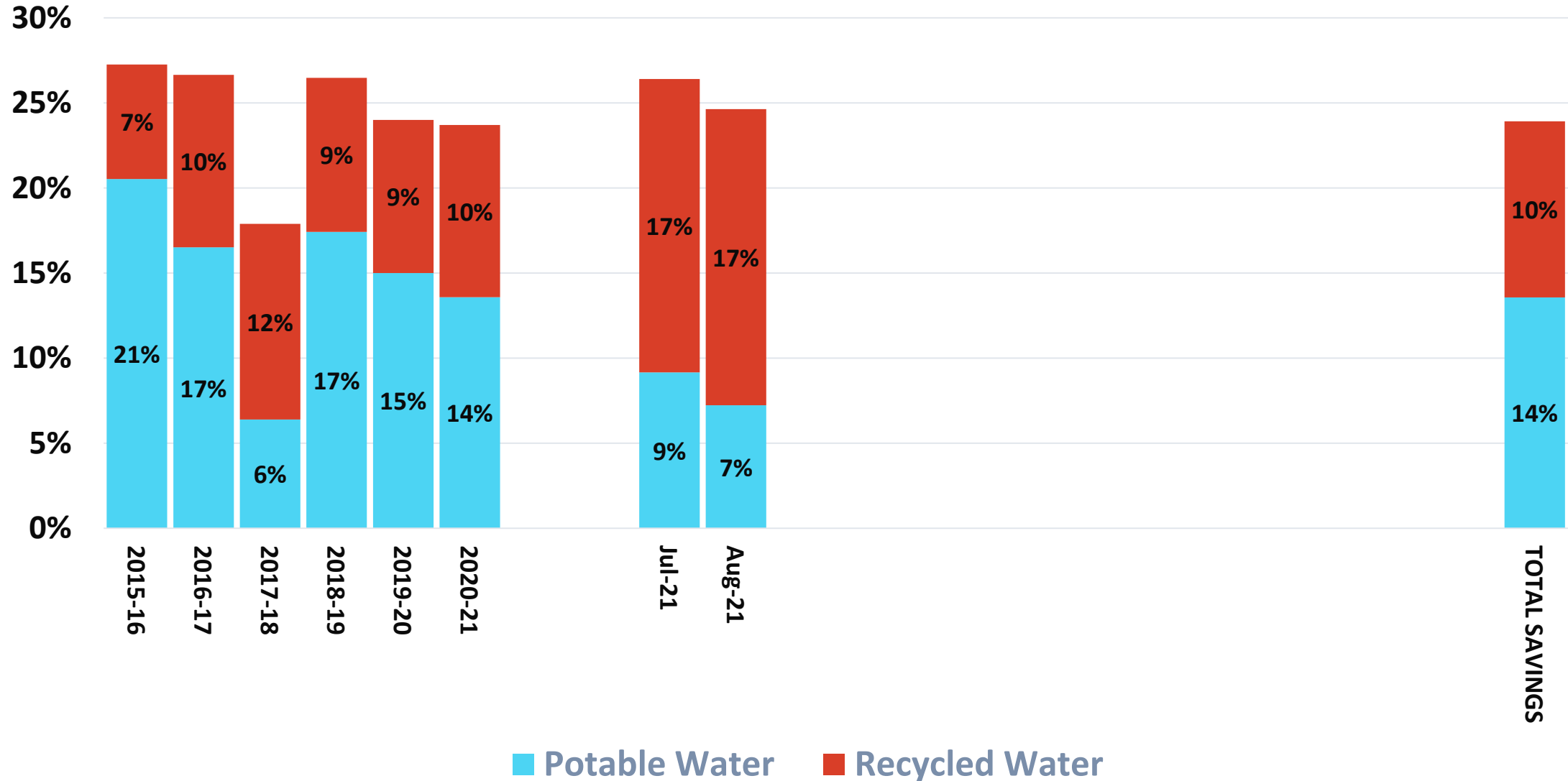
(WRP) Tertiary Treatment Plant

August-21

Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q, MGD	0.508	1.908	0.118	2.534
Total Q, MG	15.745	59.157	3.652	78.554
Total Acre Feet	48.320	181.546	11.208	241.074
* A total of 1,832,120 Gallons of Potable make-up water was used to supplement				
the demand for Recycled Water in the month of August.				

ETWD WATER SAVINGS COMPARED TO 2013



MICROBIOLOGICAL MONITORING

August 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

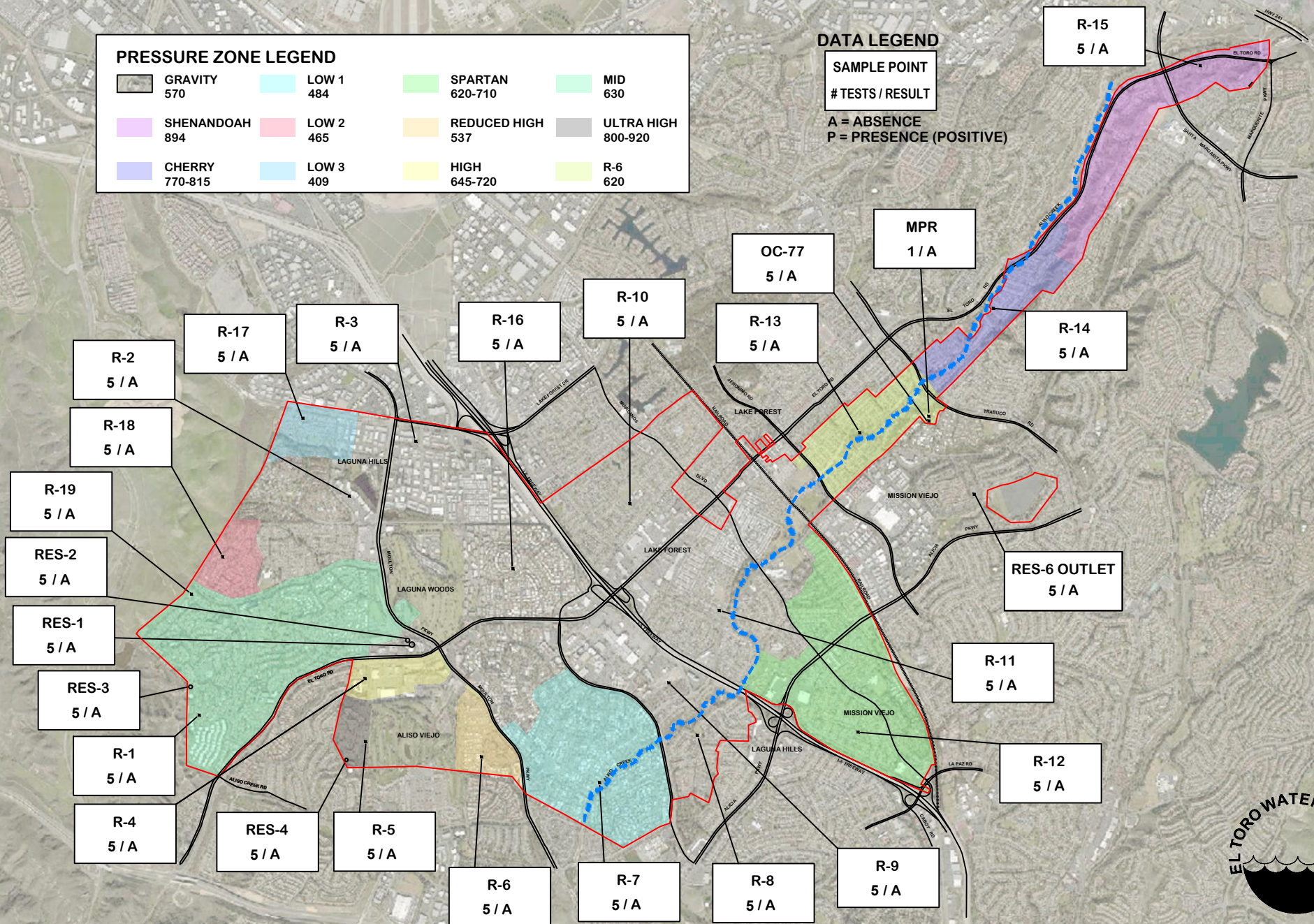
DATA LEGEND

SAMPLE POINT

TESTS / RESULT

A = ABSENCE

P = PRESENCE (POSITIVE)



CHLORINE RESIDUAL MONITORING

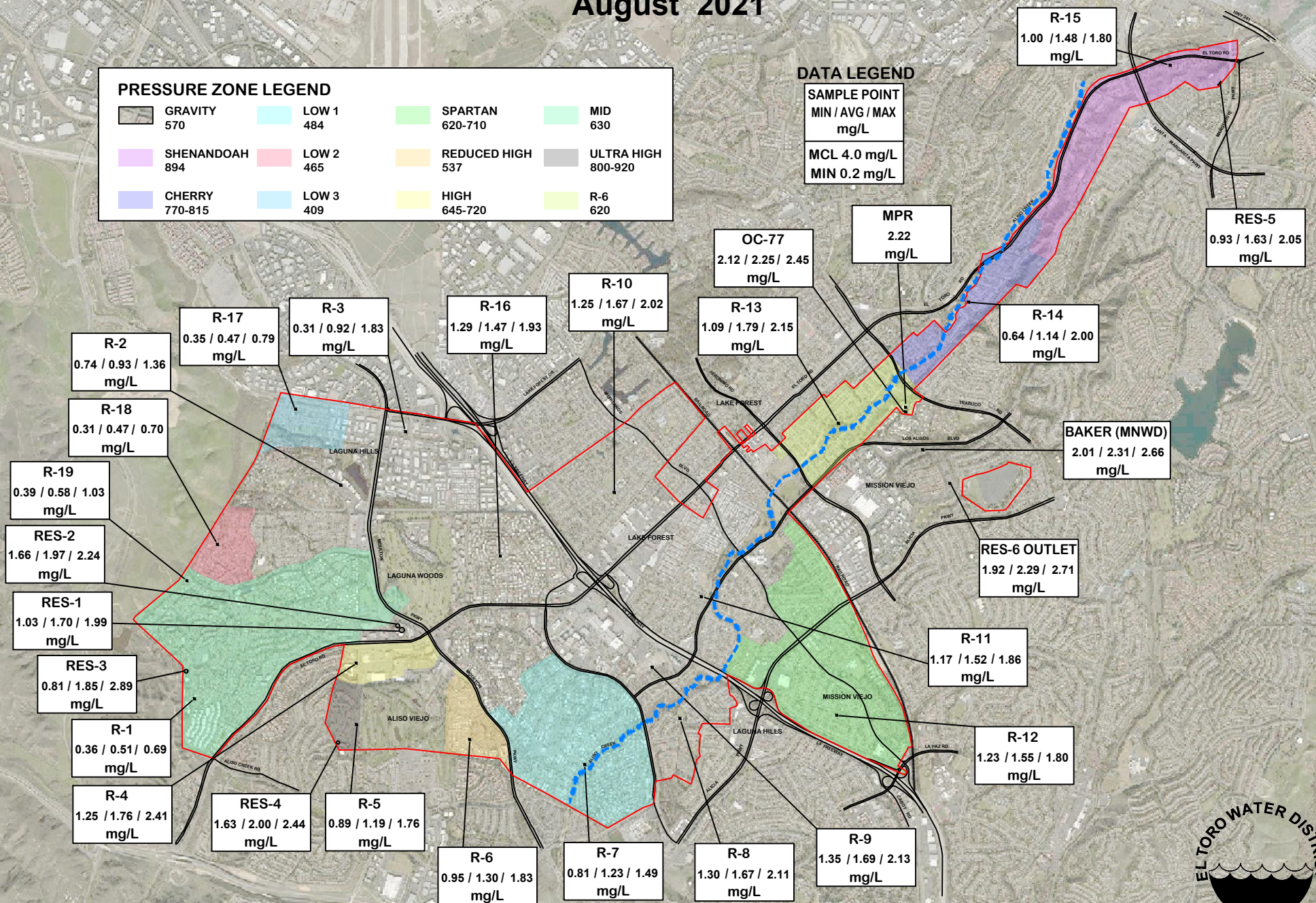
August 2021

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

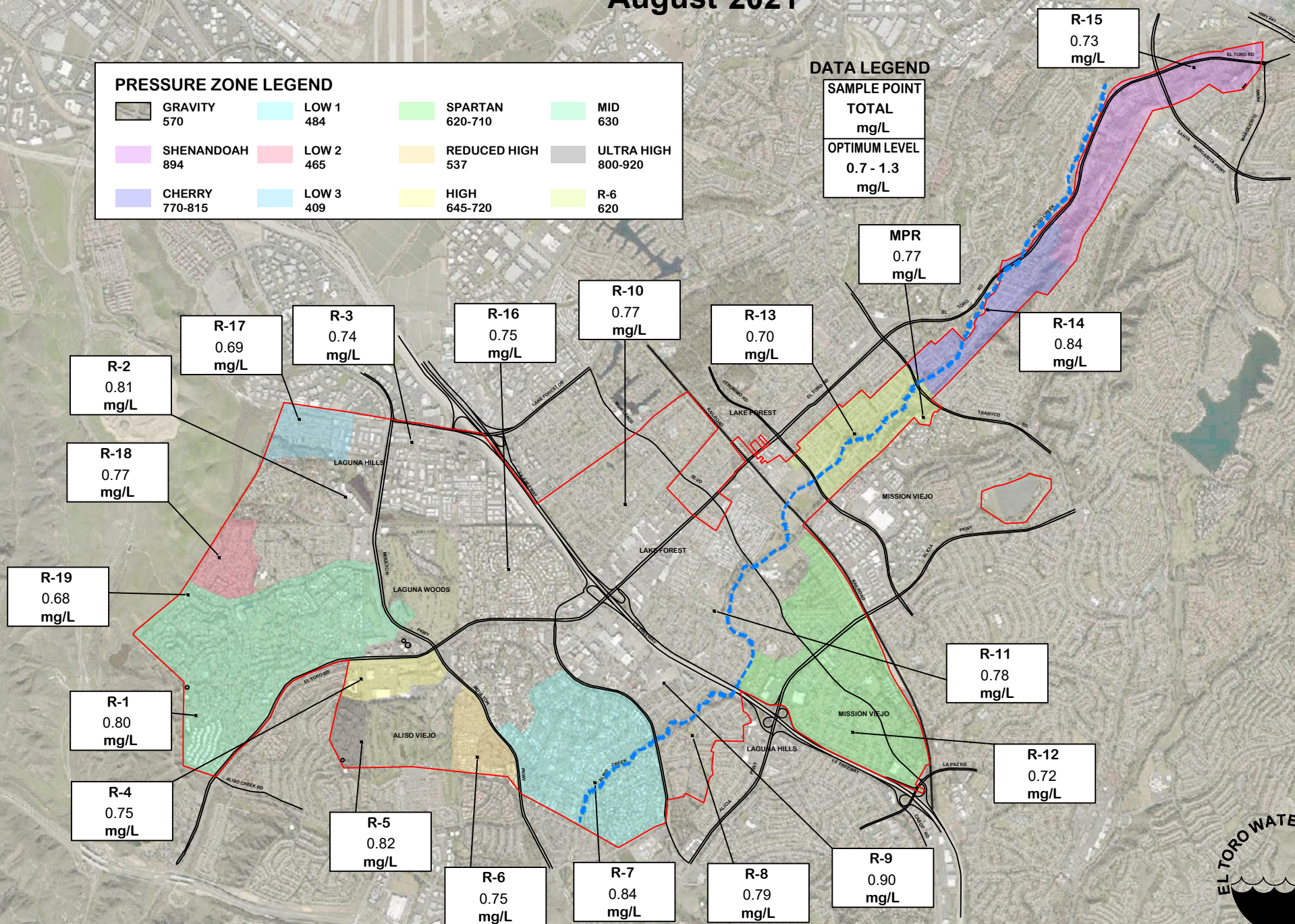
August 2021

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

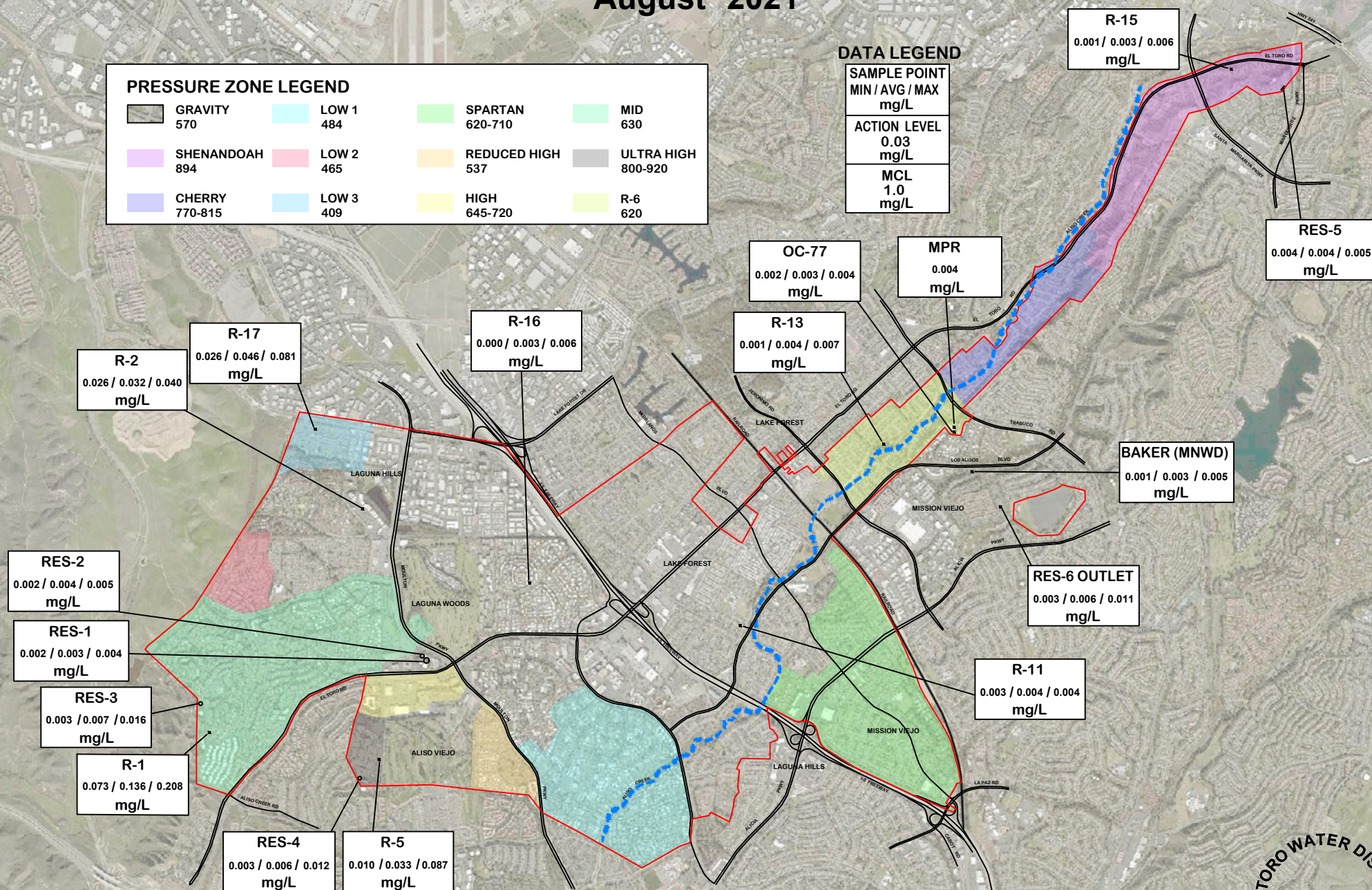
August 2021

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



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

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

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

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

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

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

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

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

EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS MONTH: AUGUST YEAR : 2021					
CONSTITUENT ANALYSIS	INSIDE LAB		OUTSIDE LAB		
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	174	Absence		Average
2 Chlorine (ppm)	Detectable Resid	217	Average = 1.24 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb				
3 HAA5 (ppb) (Stage 2)	60 ppb				
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.02 to 0.07 Res.		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	74.0°F To 83.0°F		
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	125	0.001 to 0.016 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:

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

EL TORO WATER DISTRICT COLLECTION SYSTEM ACTIVITY REPORT



MONTH ENDING: AUGUST 2021

ODOR COMPLAINTS	MONTHLY	ANNUAL	LOCATION, ORIGIN, ACTION:
Outside Laguna Woods Village	3	5	25782 Appian Way MV, 920 Ave Majorca LW, 918 Ave Majorca LW
Laguna Woods Village	0	4	
New World	0	0	
Private System	0	1	
Other: WRP	0	0	
TOTAL	3	10	

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 ¹	MONTHLY FOOTAGE	TOTAL CYCLE FOOTAGE	TOTAL CYCLE COMPLETE	PERCENT OF CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 2 YEAR CYCLE
Outside Laguna Woods Village	0	344,431	362,916	105%	54%
Laguna Woods Village	34,373	263,336	230,660	88%	54%
New World	5,591	7,728	5,591	72%	54%
Private System	0		0		
TOTAL	39,964	615,495	599,167	97%	54%
Hot Spots	18,480		294,922		
COMBINED TOTALS:	58,444		894,089		

TV INSPECTIONS ²	MONTHLY FOOTAGE	TOTAL CYCLE	TOTAL CYCLE COMPLETE	PERCENT CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 5 YEAR CYCLE
Outside Laguna Woods Village	7,299	344,431	79,313	23%	11%
Laguna Woods Village	0	263,336	3,321	1%	11%
New World	0	7,728	0	0%	11%
Private System	0	0	0		
Other	0	0	0		
TOTAL	7,299	615,495	82,634	13%	11%
Wet Well Cleaning	3	Mathis, La Paz, Delta			
Flow Meter/Sampling	0				
Water Tank Fills	58	58,000			

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

Weekly Water Quality System Status

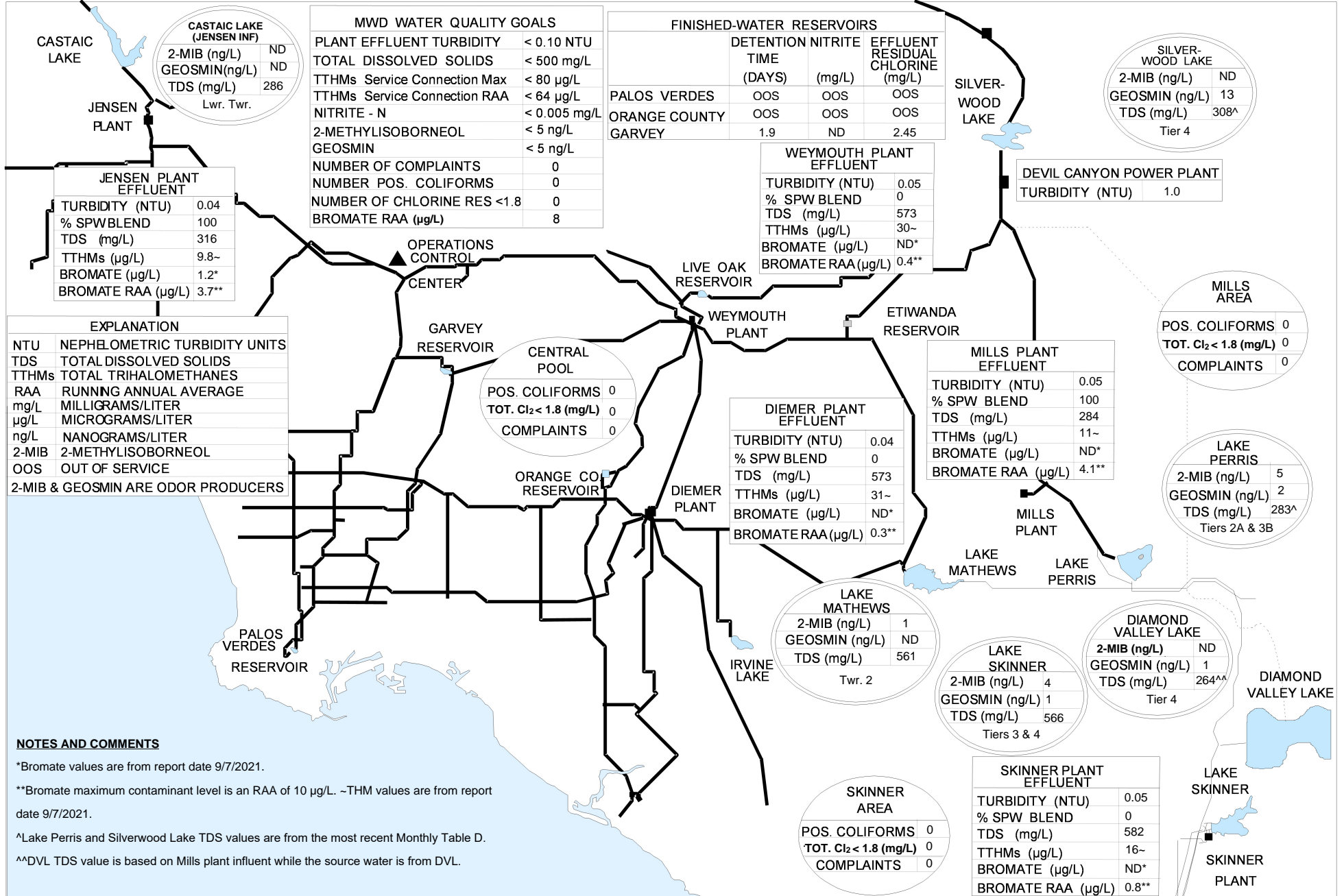
Wednesday, September 15, 2021

Generated On:9/15/2021 12:15:33 PM



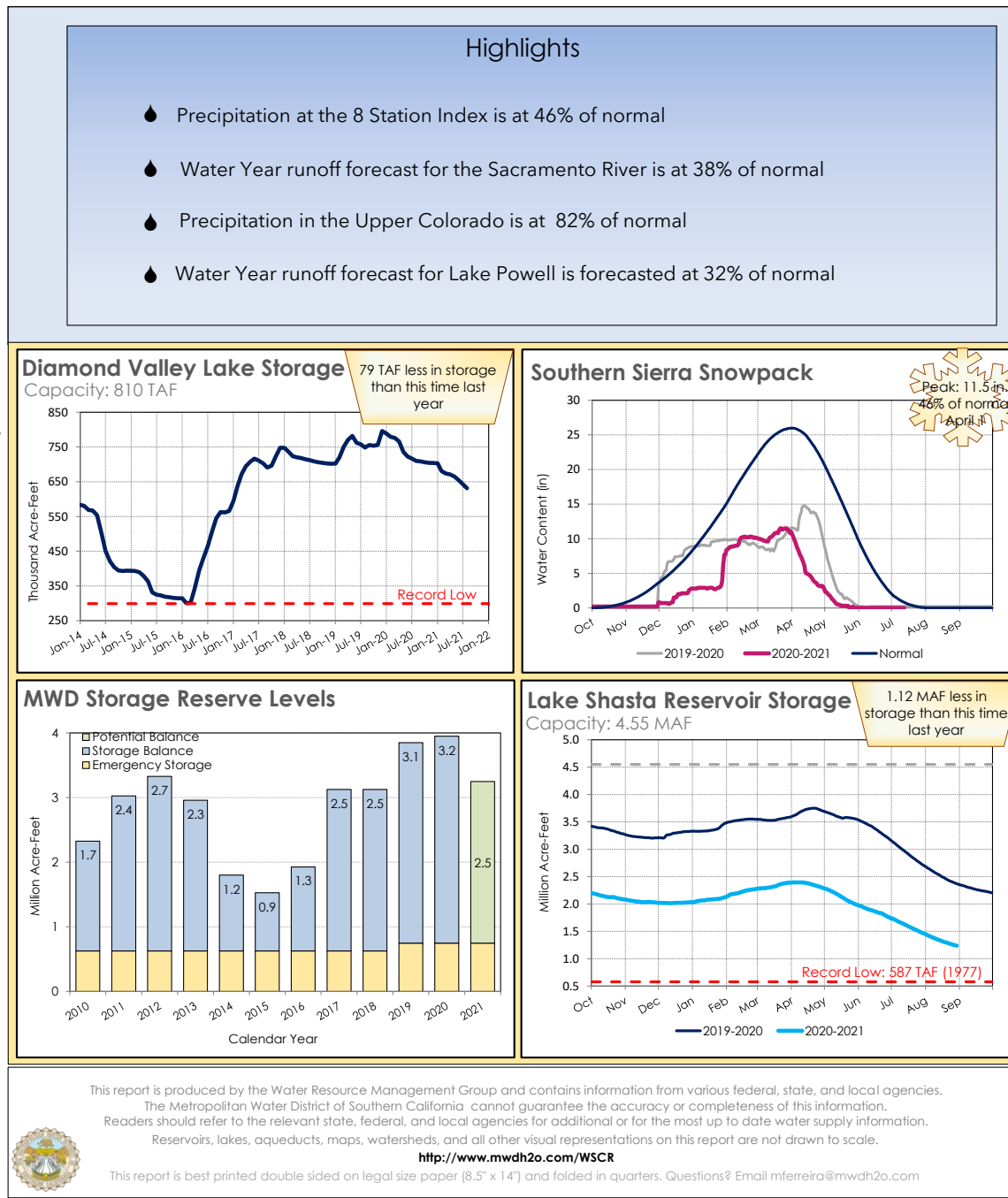
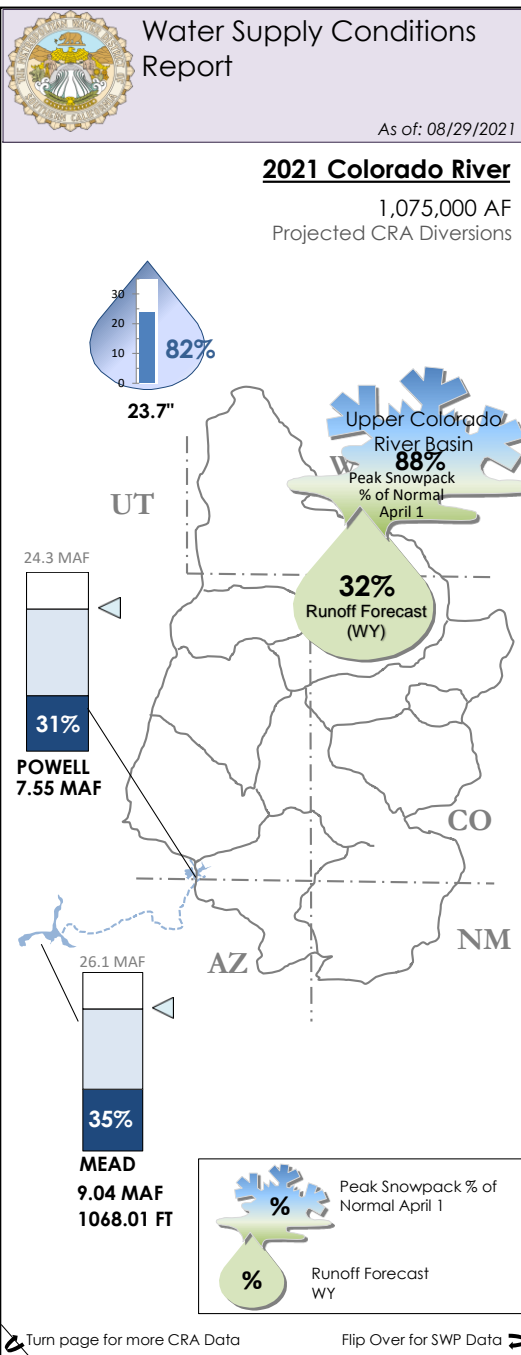
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

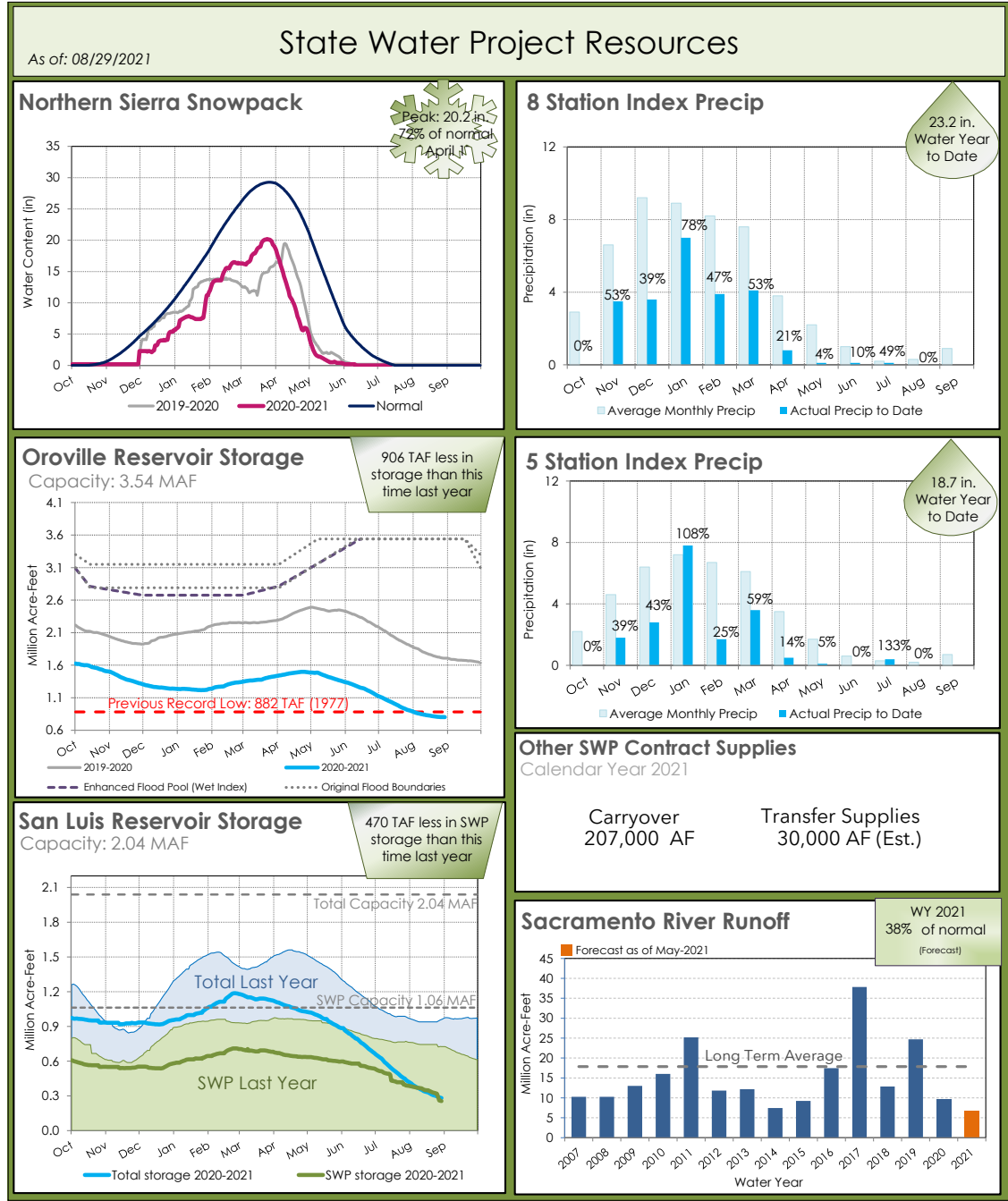
No violations of State or Federal regulations were recorded during the current period.



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

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







Memorandum

DATE: September 10, 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

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.

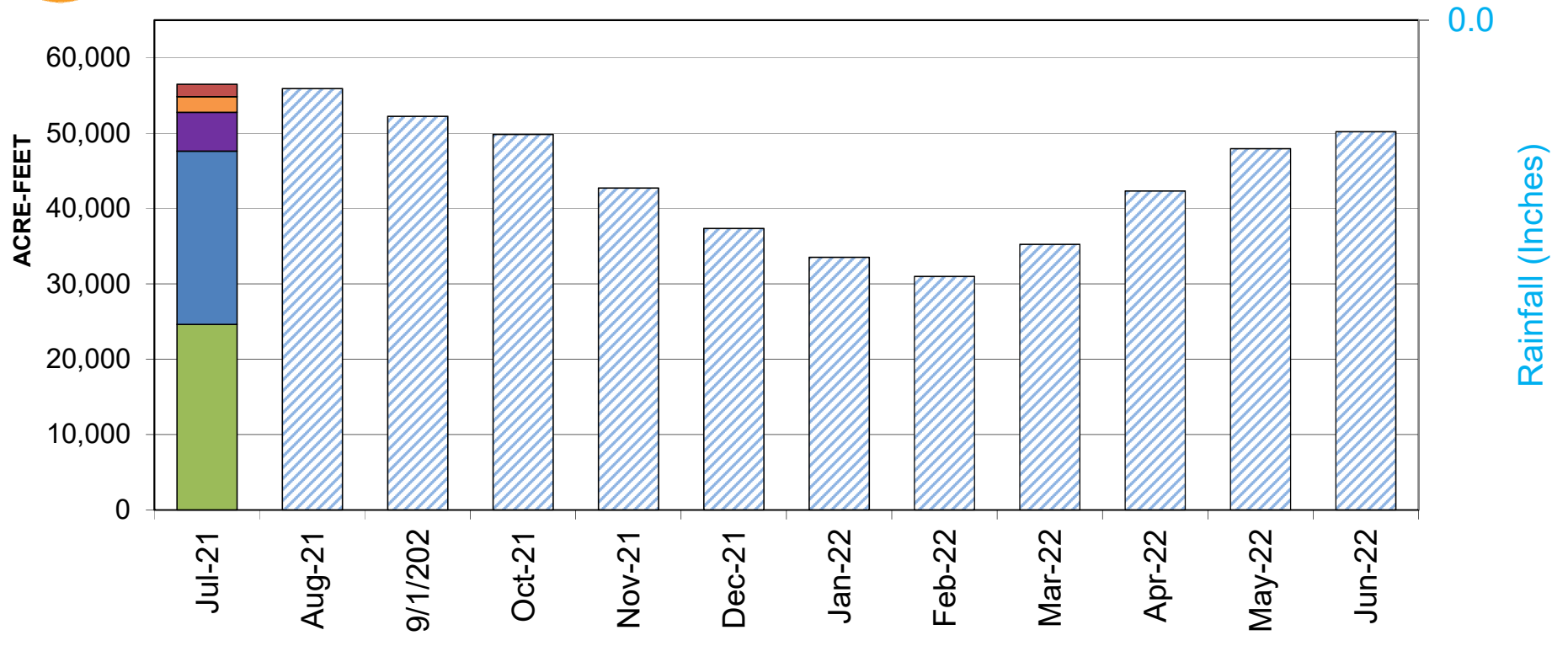
- OC Water Usage, Monthly by Supply ***OCWD Groundwater was the main supply in July.***
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in July ***2021 was above average compared to the last 5 years.*** We are projecting a slight decrease in overall water usage compared to FY 2020-21. On July 8th 2021, state officials have ask California residents to voluntary reduce their water usage by 15% compared to 2020 levels.
- Historical OC Water Consumption Orange County M & I water consumption is ***projected*** to be ***535,000 AF in FY 2021-22 (this includes ~11 TAF of agricultural usage and non-retail water agency usage).*** This is about ***25,000 AF less than FY 2020-21*** and is about ***3,000 AF more than FY 2019-20.*** Water usage per person is projected to be slightly lower in ***FY 2021-22 for Orange County at 151 gallons per day*** (This includes recycled water usage). 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 (FY 2015-16 to FY 2019-20) was the lowest since the 1982-83 Fiscal Year*** (FY 1982-83 was the third wettest year on record). ***O.C. Water Usage in FY 2020-21 was the highest since FY 2010-11.***

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

- Orange County's accumulated precipitation through **late August was** below average for this period. Water year to date rainfall in Orange County is **5.5 inches**, which is **43% of normal**.
- Northern California accumulated precipitation through **late August was 47% 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 66% as April 1st. As of late August, 100.00%** of California is experiencing **moderate to exceptional drought conditions** while 100.00% of the state is experiencing abnormally dry conditions. The State Water Project Contractors Table A Allocation was lowered to 5% in March 2021.
- Colorado River Basin accumulated precipitation through **late August was 82% of normal** for this period. The **Upper Colorado Basin snowpack was 74% of normal** as of April 13th. **Lake Mead and Lake Powell** combined have about **46.0% of their average storage volume** for this time of year and are at **33.0% of their total capacity**. If Lake Mead's **level falls below a "trigger" limit 1,075 ft. at the end of a calendar year**, then a shortage will be declared by the US Bureau of Reclamation (USBR), impacting Colorado River water deliveries to the Lower Basin states. As of late August, Lake Mead levels were **7.15' BELOW the "trigger" limit**. The USBR has declared a **shortage on the Colorado River starting January 1st 2022. There is and a 97% chance of shortage continuing in 2023.**



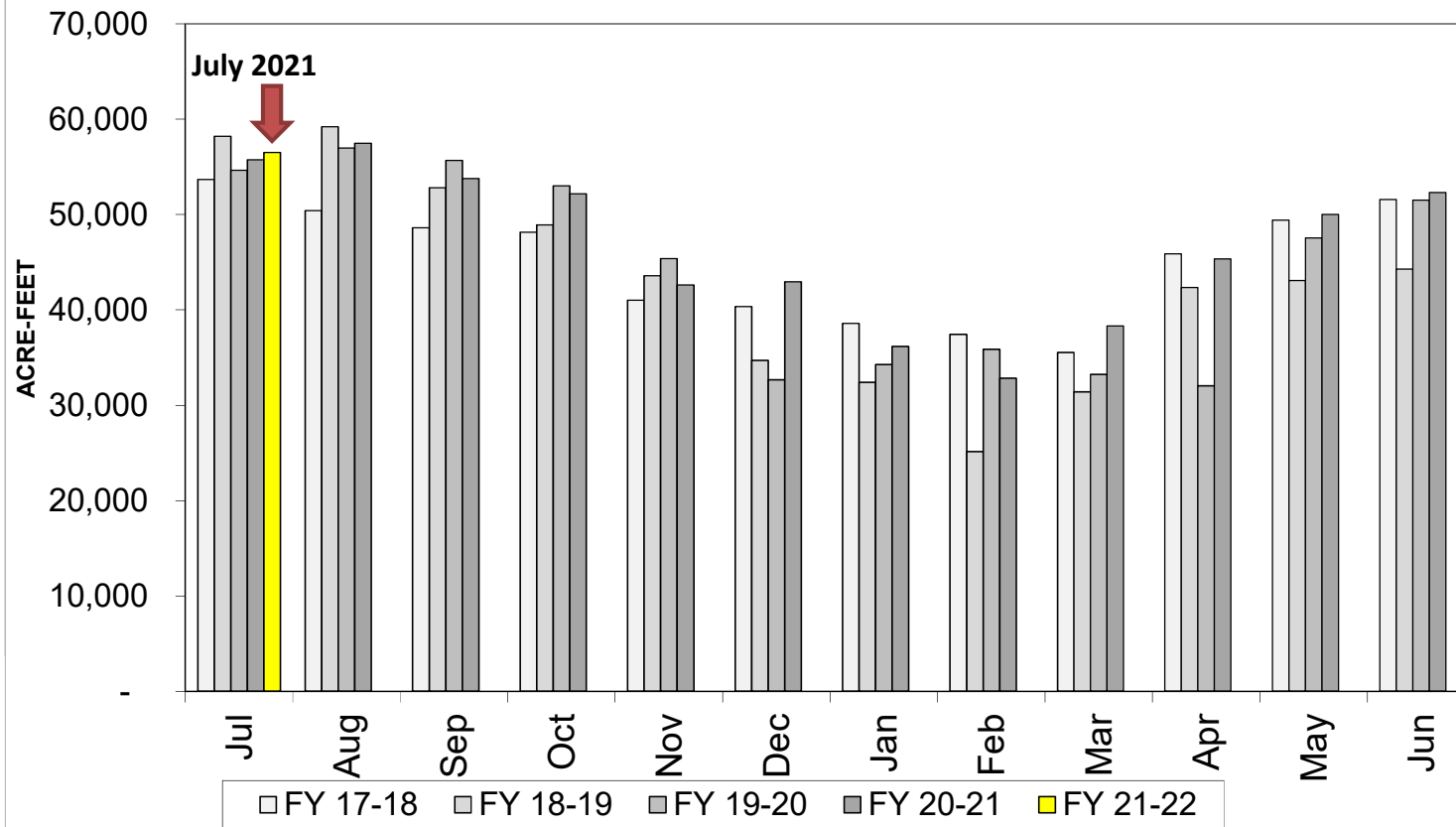
Fig. 1 OC Water Usage, Monthly by Supply with projection to end of fiscal year



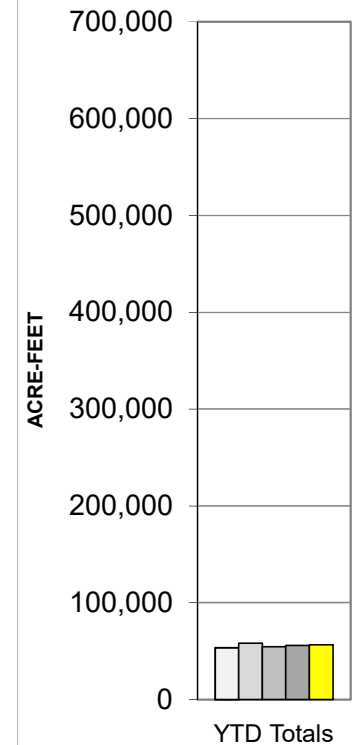
- [1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water and deliveries into Irvine Lake.
- [2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '21-22 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

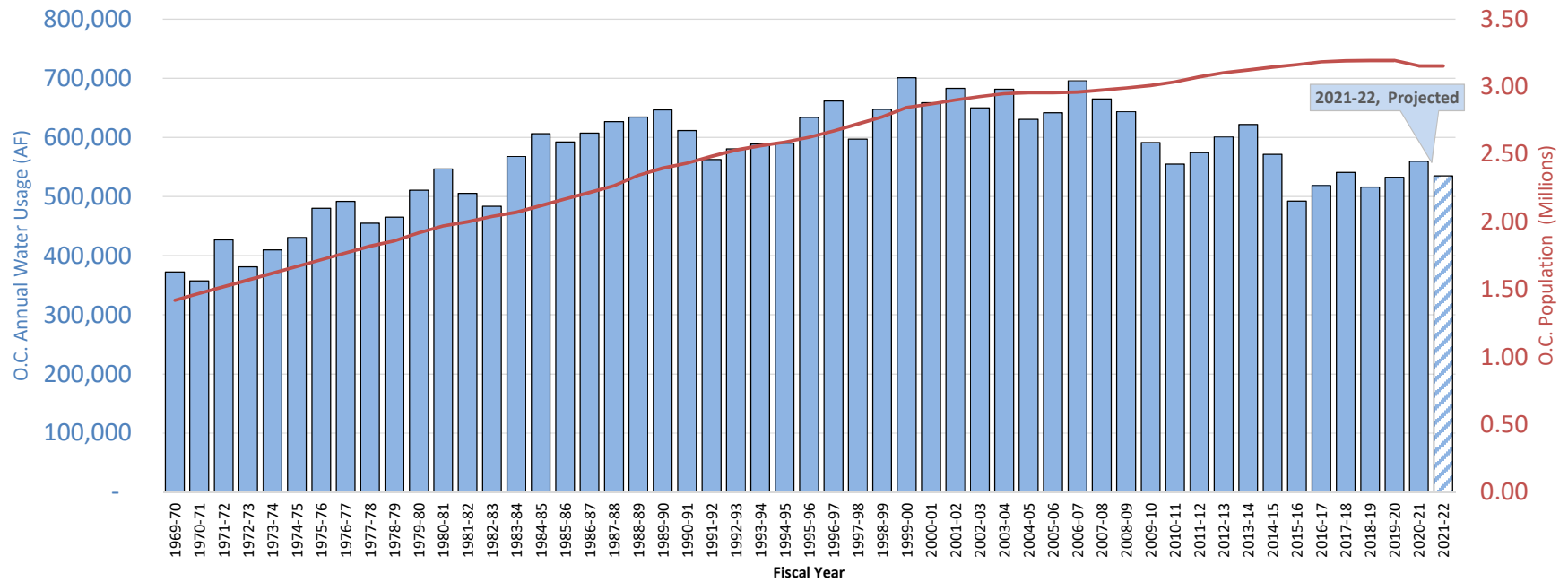


Partial Year Subtotals

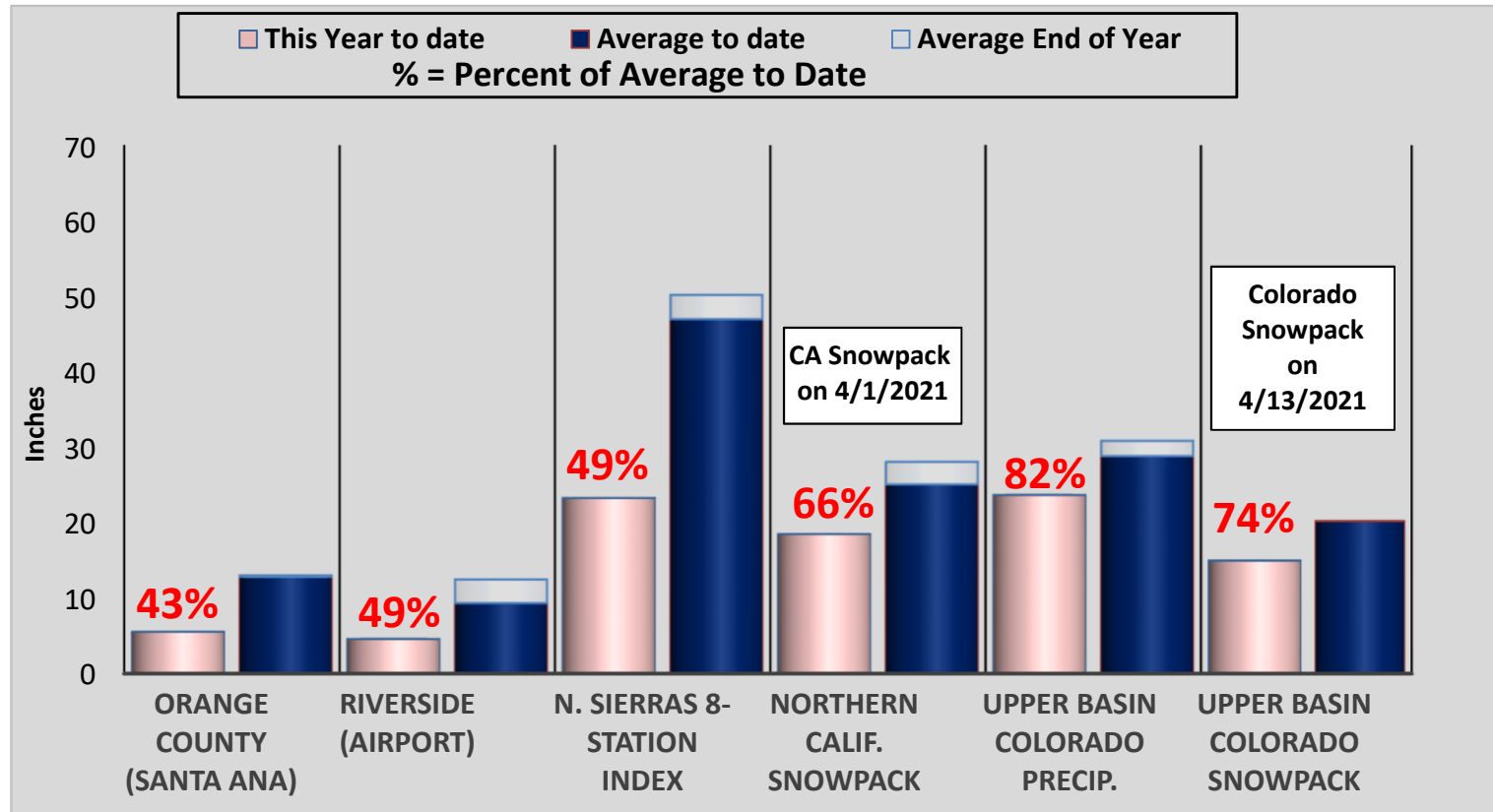


[1] Sum of Imported water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment" and "Barrier Replenishment") and Local water for consumptive use (includes recycled and non-potable water and excludes GWRS production) Recent months numbers include some estimation.

Orange County Annual M & I Water Usage

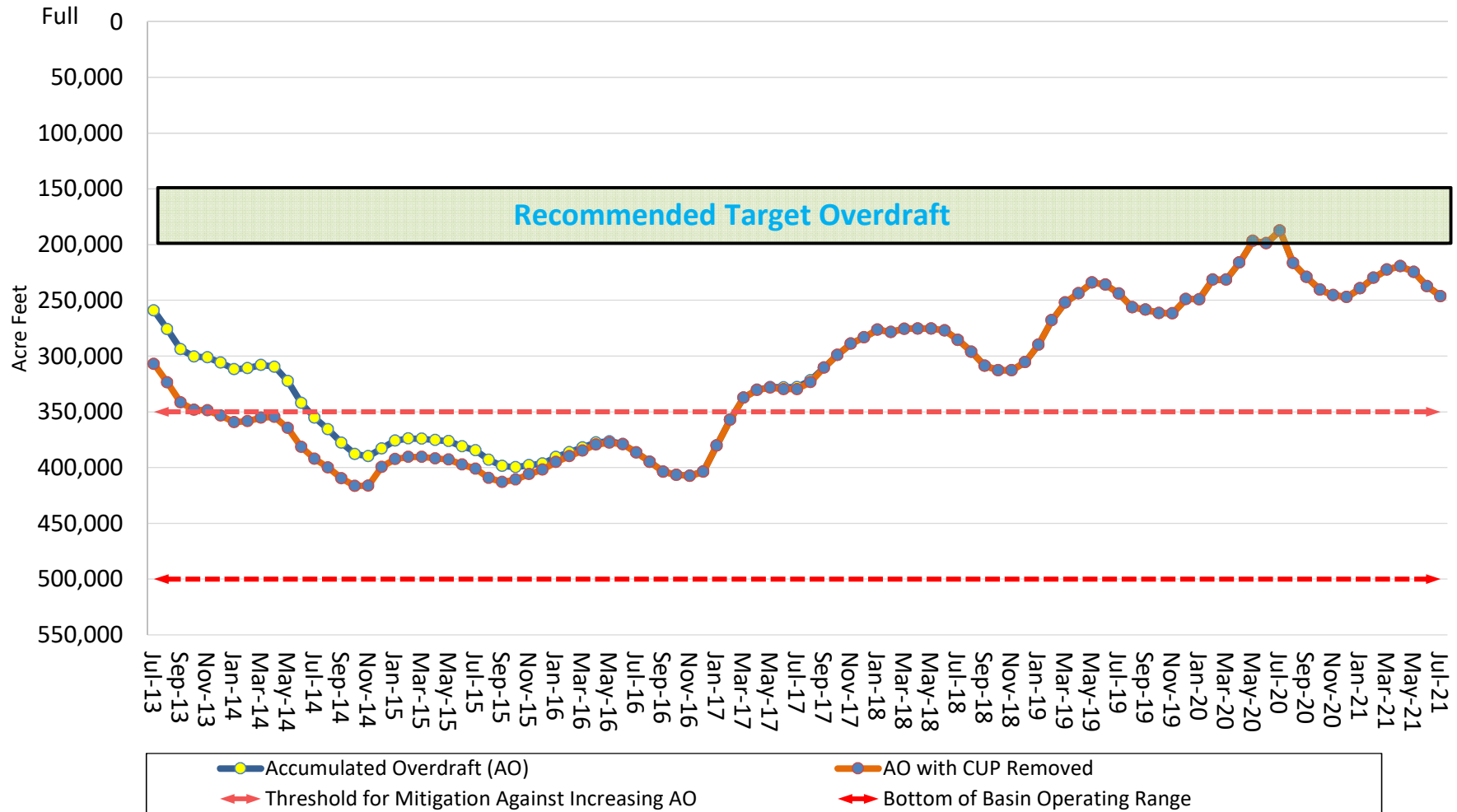


Accumulated Precipitation for the Oct.-Sep. water year, late August 2021



* 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 July 2021



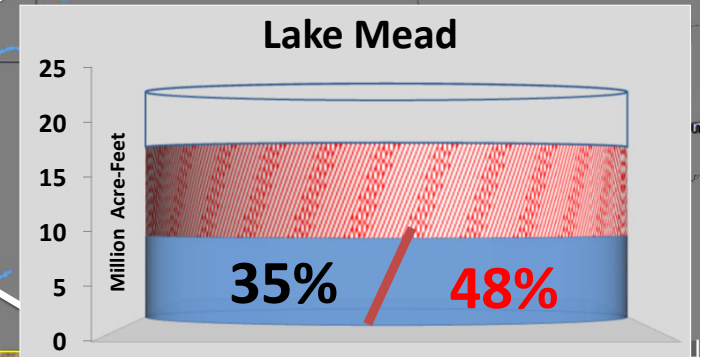
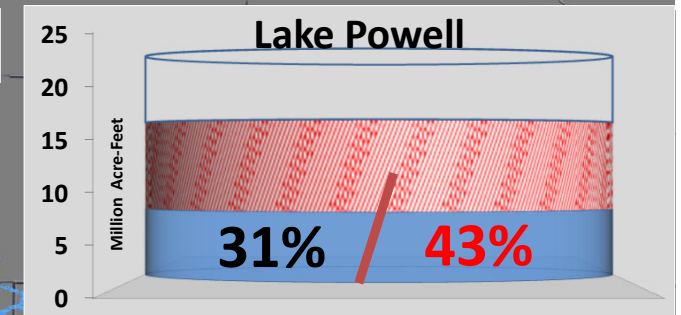
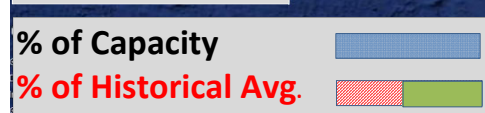
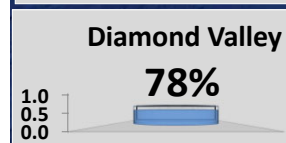
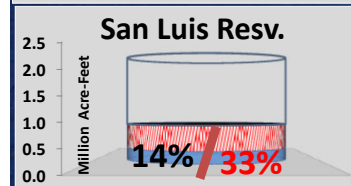
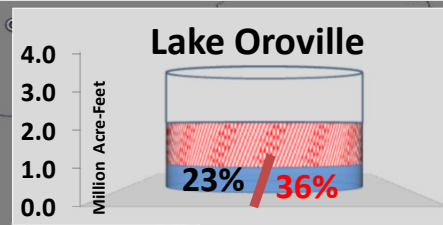
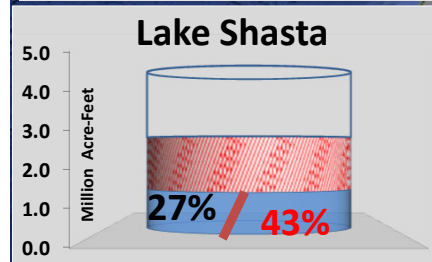
	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
AO (AF)	187,392	216,548	229,124	240,414	245,441	246,998	239,329	229,738	222,470	219,388	224,458	237,335
AO w/CUP removed (AF)	187,392	216,548	229,124	240,414	245,441	246,998	239,329	229,738	222,470	219,388	224,458	237,335
	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
AO (AF)	246,350											
AO w/CUP removed (AF)	246,350											

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



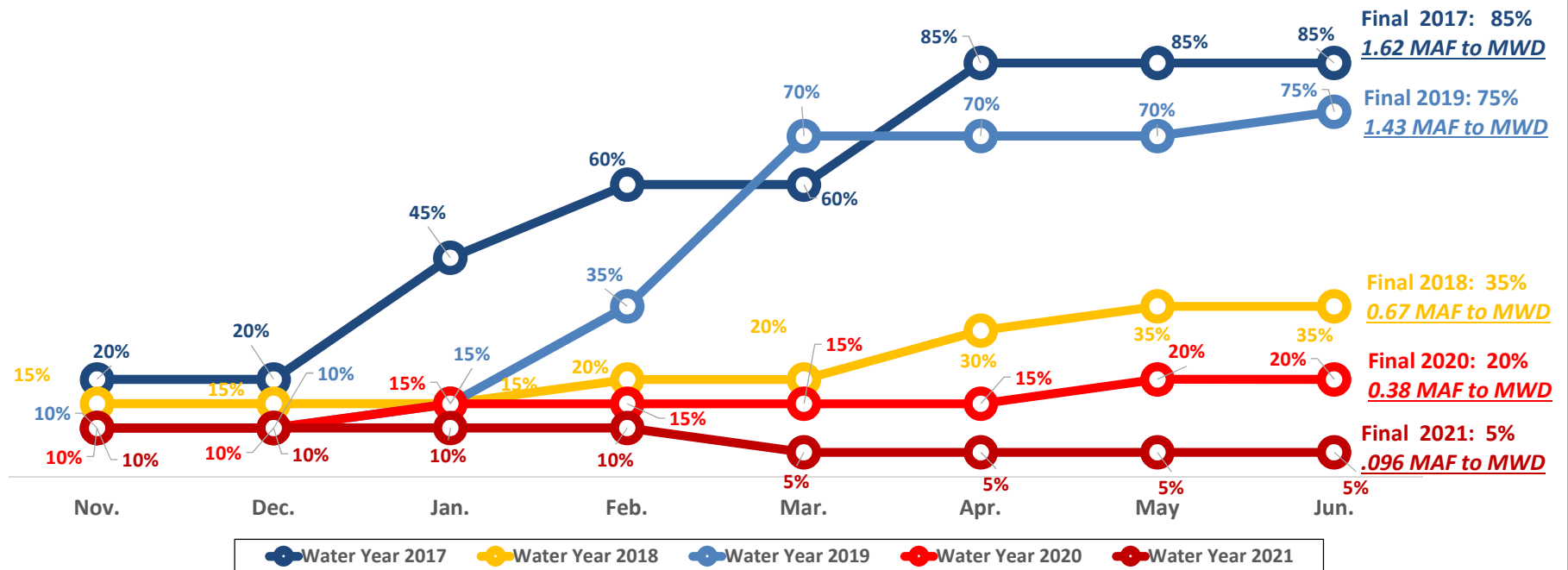
State Water Project, Colorado River, and MWD Reservoir Storage

as of August 30, 2021

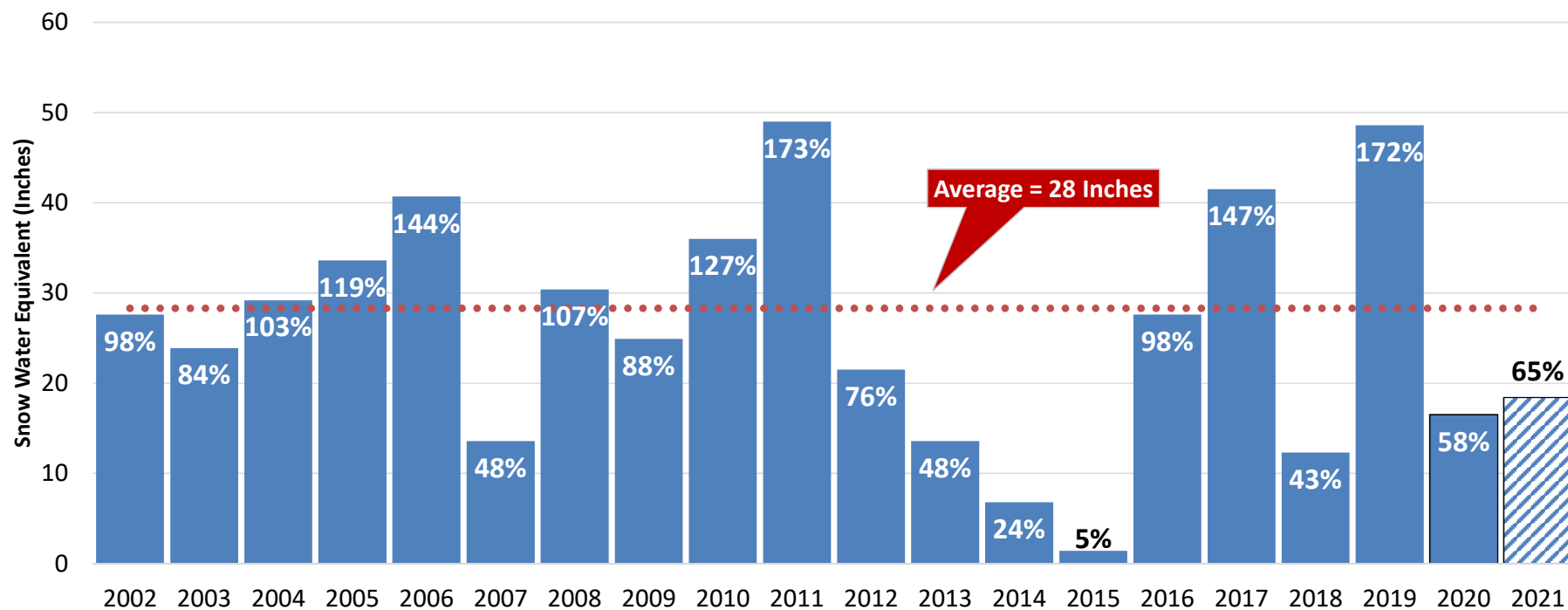


SWP TABLE A ALLOCATION

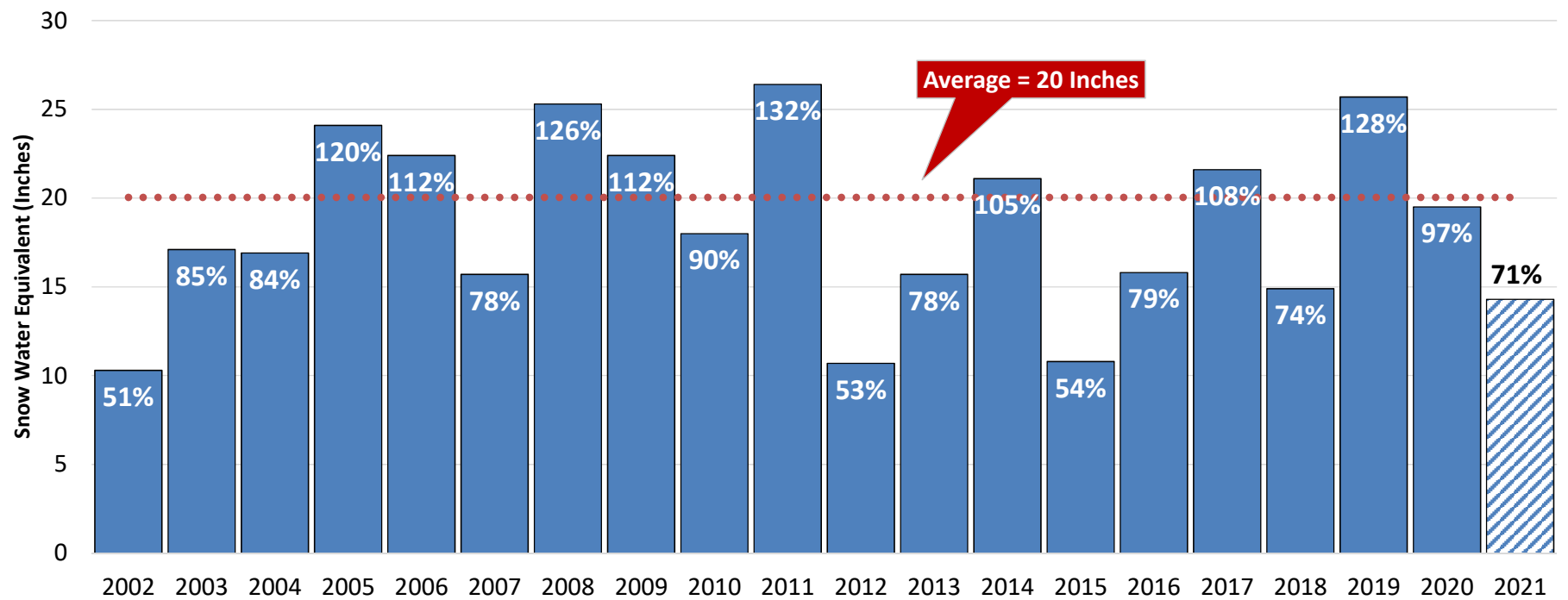
FOR STATE WATER PROJECT CONTRACTORS



Historical Northern California April 1st Peak Snow Water Equivalent

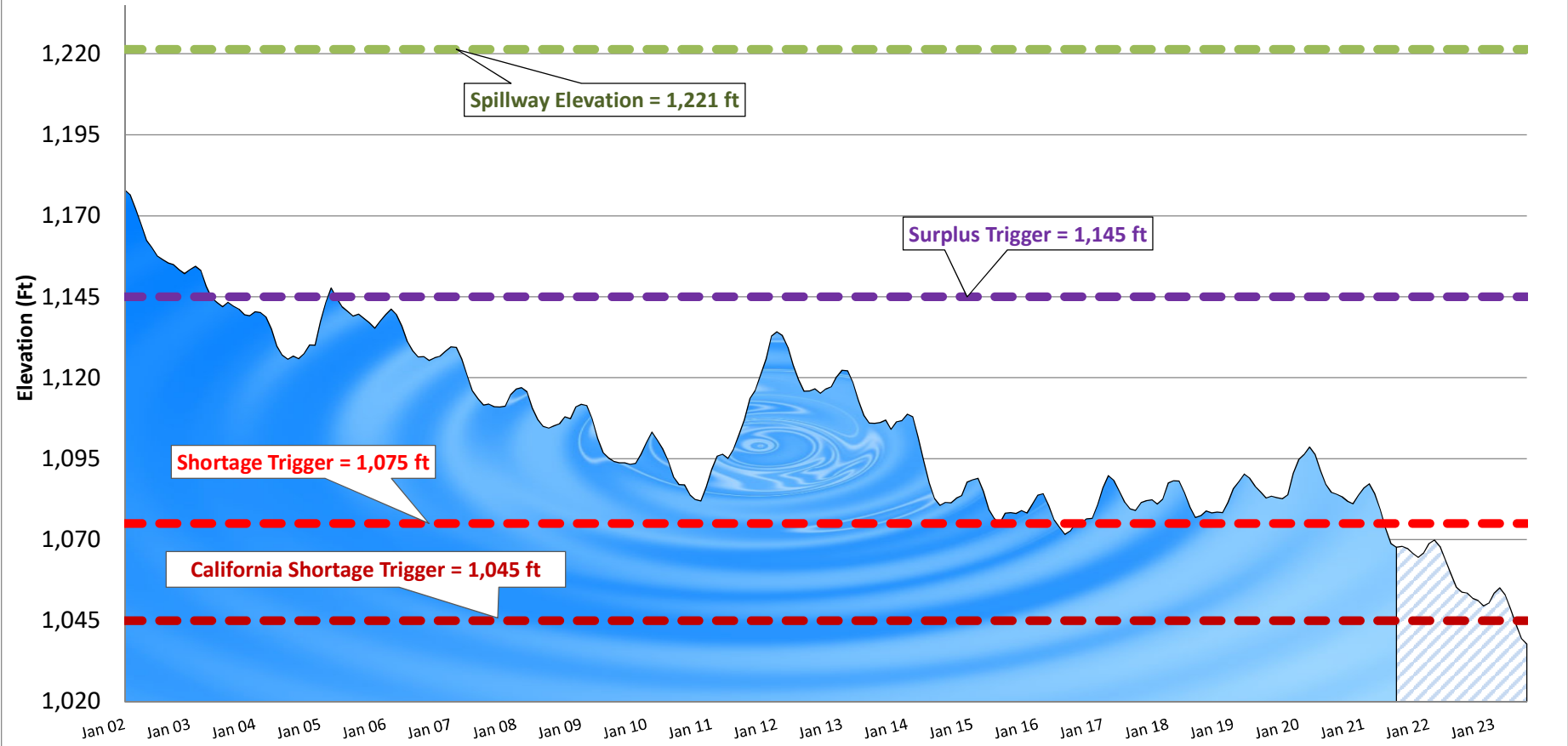


Historical Colorado Basin April 15th Peak Snow Water Equivalent



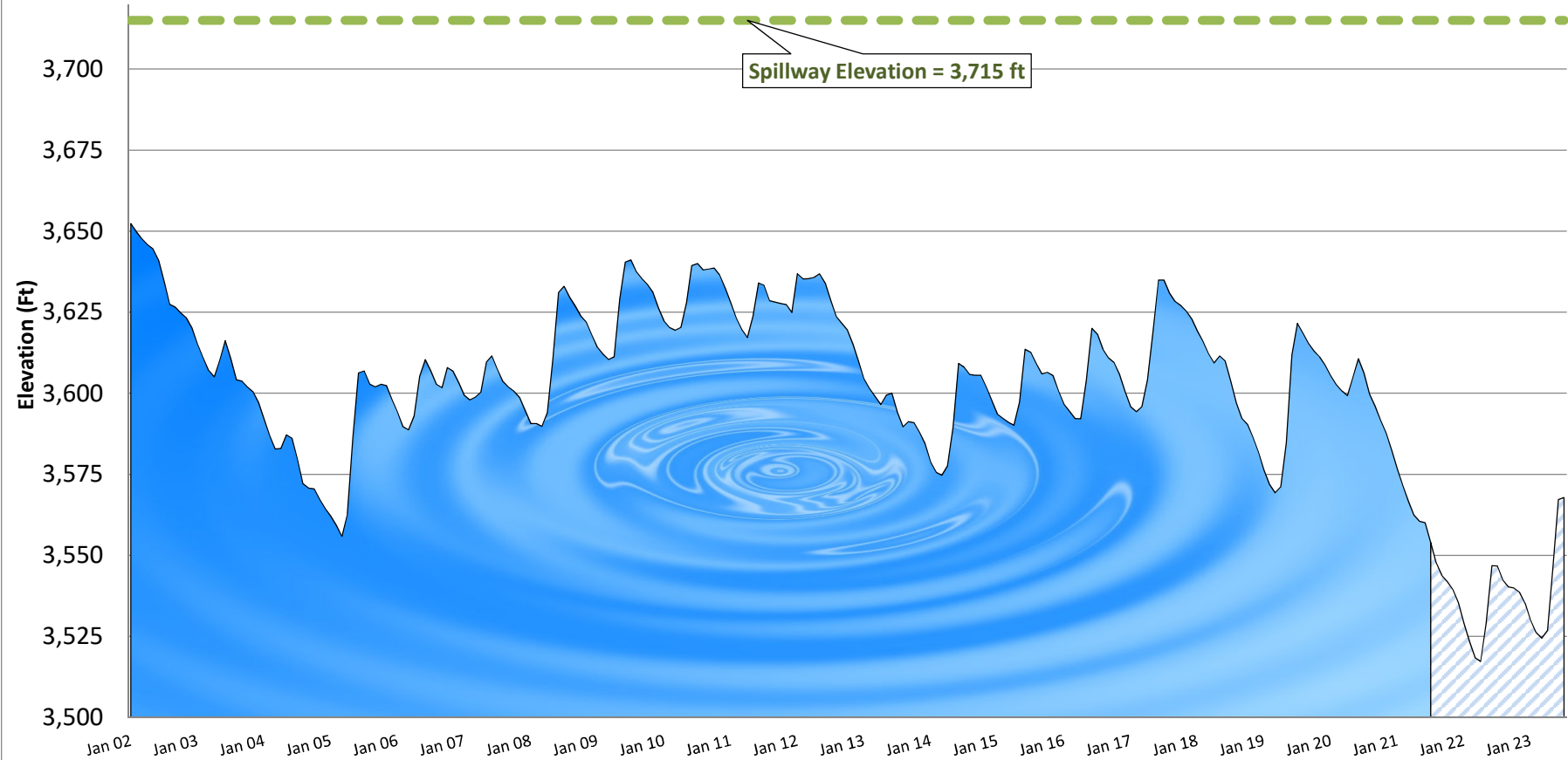
Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study

Projected Historical
CA Shortage

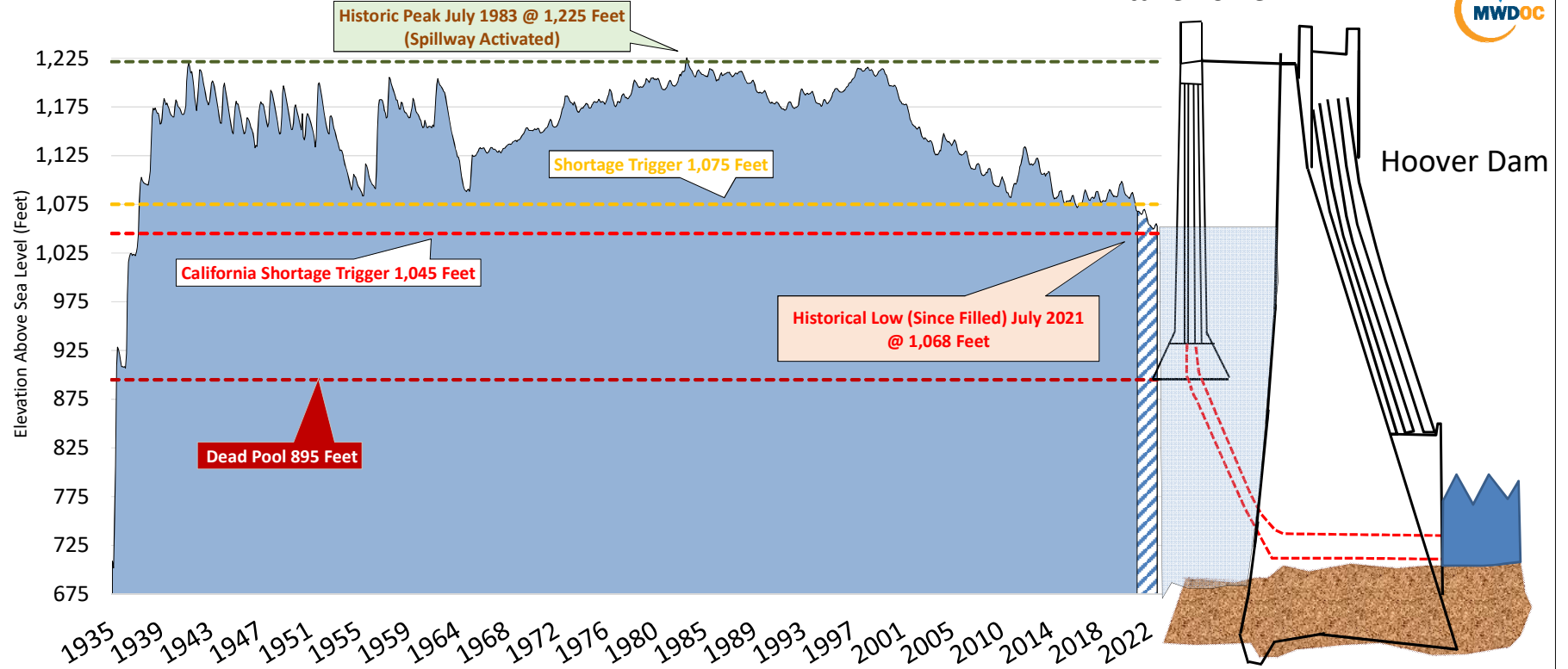


Lake Powell Levels: Historical and Projected projection per USBR 24-Month Study

■ Historical □ Projected



Lake Mead Historical Water Elevation Level



WILL SERVE REQUEST STATUS REPORT

(August 2021)

All projects subject to previously issued Will Serve Letters are either Complete or the Will Serve Letter has Expired

Date Requested	Applicant	Project Description	Type	Location	Status	Date Issued
08/29/19	Merlone Geier Partners	Hunter Court Utility Relocations	TI	24332 Rockfield Blvd	Issued	12/19/19
N/A	National Community Renaissance	Mountain View Housing	ND	24551 El Toro Rd	Pending	
08/07/20	City of Laguna Woods	LW Public Library	TI	24264 El Toro Rd	Issued	09/23/20
08/27/20	Buchheim Properties III	Fuddruckers Redevelopment	TI	23621 El Toro Rd Lake Forest	Issued	09/22/20
N/A	Merlone Geier Partners	Village at Laguna Hills	ND	LH Mall Site	Pending	
07/19/21	Saddleback Medical Center	Women's Health Pavilion	TI	24401 Calle De La Louisa	Pending	
08/29/19	The Festival Company	Target/Alicia Landing (Phase II)	TI	24420 & 24440 Alicia Parkway	Pending	12/19/19
9/9/21	Laguna Hills Investment Company	Heritage Medical Offices Oakbrook Village Suite H	TI	24321 Avenida De La Carlota Suite H-6	Pending	

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
March 7. 2021	Private	Sewer	20702 El Toro Rd. Lake Forest	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 other agancies and stayed to help with surface clean up around residence	9	Parking Lot., gutter, storm drain			6000	4301	Region 9, Lake Forest, OCHED, Flood Control, OES
March 14. 2021	Private	Sewer	23526 El Reposa Aliso Viejo	Root Intrusion	No spill on paved or dirt surfaces. Blockage contained to lateral. Upstream and downstream laterals were checked and flowing freely.			Cleared blockage and Collections were going to return on 3-15-21 to with jetter to clean the line	8	Stayed inside the lateral			0	0	No agencies were called due to no sewage actually spilled out of lateral
March 18. 2021	Public	Sewer	24361 Oshprey Dr. Lake Forest	Lateral Lining Material	Placed sand bags in gutter to prevent spill from entering storm drain. Had to run the TV truck up the line to figure out what casued spill. Brought out two vactor trucks and Spill trailer to take pressure off line to reduce the effect of the overflow			Collections Department went out Friday to cut the slip line material out of the customers lateral	8	Street, paved surfaces, gutter and storm drain	2184.25	200			Region 8, OCEH, OES, left message with Lake Forest
March 20. 2021	Private	Sewer	22881 Caminito Azul Laguna Hills	Debris	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. HOA was notified that the issue needed to plumber to come back out.	8	Private street, guttrrer and storm drain.			100	50	Region 8, OCEH, left message with Lake Forest
April			No Spill												
May			No Spill												
June			No Spill												
July			No Spill												
August			No Spill												
LEGEND															
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											

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2,184 200 6,135 8,834

BB&K
BEST BEST & KRIEGER
ATTORNEYS AT LAW

Item 3b

To:	Municipal Water District of Orange County
From:	Syrus Devers, Best Best & Krieger
Date:	September 1st, 2021
Re:	State Legislative Report

The Legislature returned on August 16th without a great deal of progress on Budget Trailer Bills over the Summer Recess, or at least none that the public is privy to. The largest outstanding item is the plan for the Drought and Water Resilience funding. A well-coordinated lobbying effort is wrapping up to advocate for equitable funding for drought relief for Southern California. The funds allotted in the budget so far have gone only to those counties where a drought emergency has been declared, which excludes every county south of Santa Barbara. Although the talking points are all stated in the positive, the underlying message is that Southern California is not in an emergency at this moment because of past investments in conservation and alternative supplies. In other words, don't exclude us just because we did the right thing.

The other ongoing lobbying campaign is to advocate for increased funding for recycling projects. As reported last month, recycling projects received very little funding except for San Diego County. Due to the importance of recycling to Orange County generally, MWDOC and BB&K staff have also been supportive of that effort.

With encouragement from the directors in June, MWDOC and BB&K staff have been reaching out to key Orange County delegation members with the message that a command-and-control style approach to the drought where the state calls for cuts in water use across the board will do more harm than good. Although it has been a mere three years since the Conservation as a Way of Life bill package, it has come as news to some legislators that public water systems have drought contingency plans in place right now and already know how to react to drought conditions. These outreach efforts will continue even after the legislative session concludes on September 10th since there are OC delegation members who were not in office at the time. And because after this drought ends there will be another one in a few years.

The one item that has moved forward is the process for dealing with delinquent water bills. As called for in the natural resources Budget Trailer Bill that was passed in June, The State Water Resources Control Board is surveying water districts to determine the scope of the problem. We also now know how wastewater arrearages will be addressed, which is to wait until January and see if there is any money left over.

These reports over the summer have been shorter than usual because this is still shaping up to be a good year as far as legislative bills are concerned. End of session, however, is sometimes called the "silly



season” due to surprise amendments to bills that were never discussed in policy committees, but BB&K is pleased to say there is nothing to be alarmed about...yet.

The County of Orange Report

Prepared for the MWD OC P&O Committee

August 30, 2021
by Lewis Consulting Group



New PPIC Poll

On July 28th the Public Policy Institute of California released its latest California survey titled "Californians and the Environment". The key takeaway is the increased awareness of the severity of drought in California. 25% of those surveyed listed water and drought as their #1 environmental concern edging out wild fires at 17%. The survey was conducted July 6-14 with a sample size of 1,569 Californian adults and yields a margin of error of +/- 3.4%.

What do you think is the most important environmental issue facing California today?

- 25% water supply, drought, reservoirs
- 17% loss of forests, forest fires, wildfires
- 13% global warming, climate change, greenhouse gases
- 6% air pollution, vehicle emissions, smog
- 5% pollution in general
- 4% landfills, garbage, sewage, waste, recycling
- 4% water pollution of ocean, rivers, lakes, streams, beach pollution
- 3% government regulation—too much, over regulation, politicians, environmentalists
- 2% energy, fossil fuels, solar, nuclear, wind, alternative
- 2% traffic congestion, transportation, transit
- 15% other
- 2% don't know

Would you say that the supply of water is a big problem, somewhat of a problem, or not much of a problem in your part of California?

- 63% big problem
- 29% somewhat of a problem
- 8% not much of a problem

Would you say that you and your family have taken steps to reduce water use recently in response to the current drought?

- 41% yes, done a lot to reduce water use
- 39% yes, done a little to reduce water use
- 20% no, have not taken steps

Compared with other issues, would you say addressing global climate change is a top concern to me personally, one of several important concerns to me, or not an important concern to me?

- 25% top concern to me personally
- 56% one of several important concerns to me
- 19% not an important concern to me

How serious of a threat is climate change to the economy and quality of life for California's future—do you think that it is a very serious, somewhat serious, not too serious, or not at all serious of a threat?

- 50% very serious
- 33% somewhat serious
- 9% not too serious
- 7% not at all serious

How about droughts that are more severe? Are you very concerned, somewhat concerned, not too concerned, or not at all concerned about that as an impact of climate change in California?

- 63% very concerned
- 26% somewhat concerned
- 7% not too concerned
- 3% not at all concerned

How about wildfires that are more severe? Are you very concerned, somewhat concerned, not too concerned, or not at all concerned about that as an impact of climate change in California's future?

- 63% very concerned
- 27% somewhat concerned
- 7% not too concerned
- 3% not at all concerned

Do you favor or oppose the state law that requires 100 percent of the state's electricity to come from renewable energy sources by the year 2045?

- 70% favor
- 28% oppose
- 1% don't know

How about Governor Newsom's executive order banning the sale of all new gasoline powered vehicles by 2035? Do you favor or oppose this proposal?

- 49% favor
- 49% oppose
- 2% don't know

In order to help reduce climate change, would you be willing or not willing to pay more for electricity if it were generated by renewable sources like solar or wind energy?

- 45% willing
- 55% not willing
- 1% don't know

How about allowing wind power and wave energy projects off the California coast? Do you favor or oppose this proposal?

81% favor
15% oppose
3% don't know

How about building desalination plants on the California coast? Do you favor or oppose this proposal?

68% favor
27% oppose
5% don't know

LAFCO AUGUST MEETING

Santa Margarita Water District Wins Approval



It was five years in the making, but it only took about 30 minutes of testimony and deliberations for the Santa Margarita Water District to win unanimous approval from the LAFCO Board to annex the City of San Juan Capistrano's water and wastewater utilities. Supervisor Bartlett noted that on occasion "the City had been water challenged" as she argued for an affirmative vote. A number of representatives of the City and district praised the level of cooperation and collaboration. Chairman Davert summed it up by saying "this is what good government is". The action must still wait out a 30 day protest period.

In other action, the committee honored a request and delayed by one year the recording of annexation of 290 acres in Tonner Hills to the City of Brea.



Update

Board of Supervisors Meetings July 27, August 10 & 24

The three most recent Board of Supervisor meetings were largely non-substantive. The August 10th meeting, which was short by Board meeting standards, was largely consumed by the comments of the public over questioning the efficacy of masks or vaccines. Their opinions fell on deaf ears. This meeting again featured verbal jousting between Chairman Andrew Do and the newest Supervisor Katrina Foley. Supervisor Foley appears to be attempting to differentiate herself from the style and policies of the other Board members.

COVID-19 Echo Hits Orange County







The delta variant has become a painful reminder that COVID-19 is still amongst us. This time though, the threat of large number of deaths has been lessened because so many of the most vulnerable (the elderly, obese and immune compromised) have been vaccinated. So infections are on the rise and O.C. hospitalizations and those in ICU are up significantly from last month. The swell in numbers are mostly younger and unvaccinated patients.

ORANGE COUNTY COVID-19 STATS	AS OF 8/30/2021	AS OF 7/26/2021
CUMULATIVE CASES TO DATE	285,098	262,071
CUMULATIVE DEATHS TO DATE	5,220	5,139
DEATHS REPORTED TODAY	18	1
CUMULATIVE TESTS TO DATE	4,660,095	4,285,226
TESTS REPORTED TODAY	31,388	20,487
CASES CURRENTLY HOSPITALIZED	546 *	194 *
CASES CURRENTLY IN ICU	139	48
CUMULATIVE RECOVERED TO DATE	263,557	251,082

* = INCLUDES *ICU* CASES

Recall Turns Competitive

Through mid-June every poll, save two Republican polls, showed the recall effort going down to defeat. However, with a worsening drought, crime on the rise and the Delta COVID-19 variant creating renewed fear, previously reliable NO ON RECALL voters may be less enthused about voting.

Poll source	Date(s) administered	Sample size ^[a]	Margin of error	Yes on recall	No on recall	Undecided
Change Research (D) 	Aug 22–25, 2021	782 (LV)	± 3.7%	42%	57%	1%
YouGov 	Aug 6–12, 2021	1,585 (RV)	± 3.4%	46%	54%	–
		1,534 (LV)	± 3.8%	48%	52%	–
SurveyUSA 	Aug 2–4, 2021	613 (LV)	± 5.0%	51%	40%	9%
Emerson College 	Jul 30 – Aug 1, 2021	1,000 (LV)	± 3.0%	46%	48%	6%
Core Decision Analytics 	Jul 27–29, 2021	804 (RV)	± 3.5%	41%	52%	7%
		~728 (LV)	± 3.6%	44%	51%	5%
Berkeley IGS 	Jul 18–24, 2021	5,795 (RV)	± 2.0%	36%	51%	13%
		3,266 (LV)	± 2.5%	47%	50%	3%

A recent poll conducted by CBS/YouGov indicates a tightening race in the Gavin Newsom recall and good news for GOP candidate Larry Elder.

The poll of 1,534 likely voters was conducted August 6th - 12th. The poll found growing discontent with Governor Newsom's performance in dealing with a number of California issues. As a result, 48% of Californians support the recall effort, while 52% oppose. The poll also found Republican media commentator Larry Elder leading his closest competitor Kevin Paffrath 22% to 13%.

Source of poll aggregation	Dates administered	Dates updated	Elder (R)	Paffrath (D)	Cox (R)	Faulconer (R)	Kiley (R)	Jenner (R)	Ose (R)	Other/Undecided [d]	Margin
Real Clear Politics	July 18 – Aug 12, 2021	Aug 15, 2021	21.8%	11.0%	7.5%	5.5%	4.0%	4.0%	1.8%	44.4%	Elder +10.8
FiveThirtyEight	July 18 – Aug 25, 2021	Aug 26, 2021	21.0%	7.8%	5.1%	4.3%	3.7%	2.7%	1.9%	53.5%	Elder +13.2
Average			21.4%	9.4%	6.3%	4.9%	3.9%	3.4%	1.9%	49.0%	Elder +12.0

Orange County and California Returned Recall Ballots

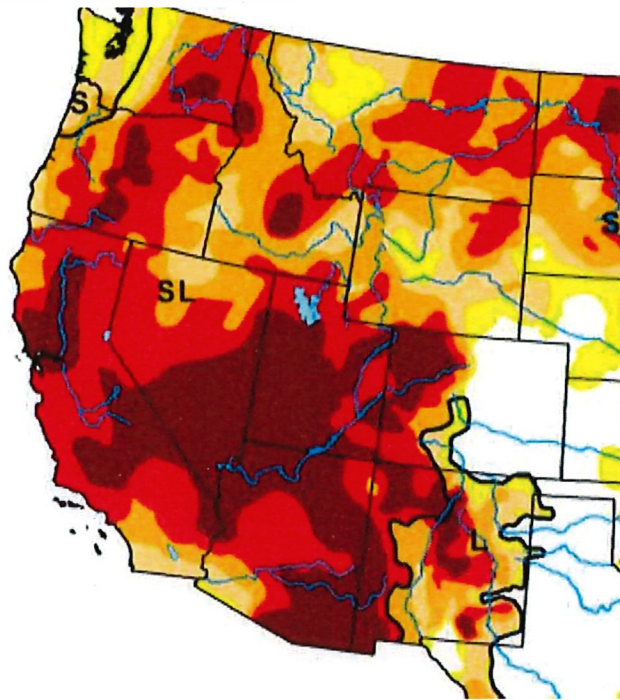
ORANGE COUNTY RETURNED BALLOTS

CALIF. STATEWIDE RETURNED BALLOTS

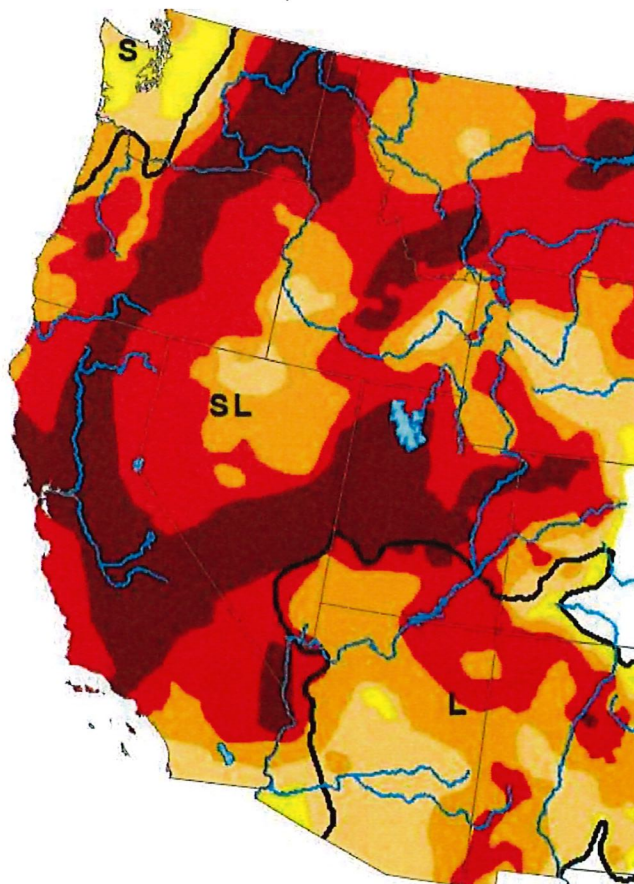
TOTAL	341,926	100%			TOTAL	3,540,353	100%
DEMOCRAT	140,639	41%			DEMOCRAT	1,917,444	54%
REPUBLICAN	115,075	34%			REPUBLICAN	844,235	24%
OTHER	86,212	25%			OTHER	779,302	22%



Monsoonal Conditions Help Arizona & New Mexico. . .
California, Not So Much



JULY 17, 2021



AUGUST 26, 2021

Bill Matrix – August 26th, 2021

Prepared by Best Best & Krieger

A. Priority Support/Oppose

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
AB 339	Lee D	Local government: open and public meetings.	8/25/2021- Read third time and amended. Ordered to second reading.	8/25/2021- S. SECOND READING	The Ralph M. Brown Act requires, with specified exceptions, that all meetings of a legislative body of a local agency, as those terms are defined, be open and public and that all persons be permitted to attend and participate. Under existing law, a member of the legislative body who attends a meeting where action is taken in violation of this provision, with the intent to deprive the public of information that the member knows the public is entitled to, is guilty of a crime. This bill would require local agencies to conduct meetings subject to the act consistent with applicable state and federal civil rights laws, as specified.	Support	A. Priority Support/ Oppose	Support position adopted April 7th.
AB 361	Rivas, Robert D	Open meetings: local agencies: teleconferenc es.	7/15/2021- Read second time. Ordered to third reading.	7/15/2021- S. THIRD READING	xisting law, the Ralph M. Brown Act requires, with specified exceptions, that all meetings of a legislative body of a local agency, as those terms are defined, be open and public and that all persons be permitted to attend and participate. This bill, until January 1, 2024, 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 during a declared state of emergency, as that term is defined, when state or local health officials have imposed or recommended measures to promote social distancing during a proclaimed state of emergency held for the purpose of determining, by majority vote, whether meeting in person would present imminent risks to the health or safety of attendees, and during a proclaimed state of emergency when the legislative body has determined that meeting in person would present imminent risks to the health or safety of attendees, as provided.	Support	A. Priority Support/ Oppose	Support adopted on March 3rd
AB 377	Rivas,	Water quality:	5/25/2021-F	5/25/2021-	Would require, by January 1, 2023,	Opposition	A.	Oppose

	Robert D	impaired waters.	ailed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/19/2021)(May be acted upon Jan 2022)	A. 2 YEAR	the State Water Resources Control Board and regional boards to prioritize enforcement of all water quality standard violations that are causing or contributing to an exceedance of a water quality standard in a surface water of the state. The bill would require the state board and regional boards, by January 1, 2025, to evaluate impaired state surface waters and report to the Legislature a plan to bring all water segments into attainment by January 1, 2050. The bill would require the state board and regional boards to update the report with a progress summary to the Legislature every 5 years. The bill would create the Waterway Recovery Account in the Waste Discharge Permit Fund and would make moneys in the Waterway Recovery Account available for the state board to expend, upon appropriation by the Legislature, to bring impaired water segments into attainment in accordance with the plan.		Priority Support/ Oppose	position adopted April 7th.
AB 442	Mayes I	Surface Mining and Reclamation Act of 1975: exemption: Metropolitan Water District of Southern California: master reclamation plan.	8/24/2021- Read second time. Ordered to third reading.	8/24/2021- S. THIRD READING	The Surface Mining and Reclamation Act of 1975 prohibits a person, with exceptions, from conducting surface mining operations unless, among other things, a permit is obtained from, a specified reclamation plan is submitted to and approved by, and financial assurances for reclamation have been approved by the lead agency for the operation of the surface mining operation. The act 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 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	Support	A. Priority Support/ Oppose	Support adopted on March 3rd.

					the Metropolitan Water District of Southern California (MWD) for its own operations and infrastructure for specified purposes.			
AB 703	Rubio, Blanca D	Open meetings: local agencies: teleconferences.	5/7/2021-Failed Deadline pursuant to Rule 61(a)(3). (Last location was L. GOV. on 2/25/2021)(May be acted upon Jan 2021)	5/7/2021-A. 2 YEAR	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 notice requirements particular to teleconferencing and would revise the requirements of the act to allow for teleconferencing subject to existing provisions regarding the posting of notice of an agenda, provided that the public is allowed to observe the meeting and address the legislative body directly both in person and remotely via a call-in option or internet-based service option, and that a quorum of members participate in person from a singular physical location clearly identified on the agenda that is open to the public and situated within the jurisdiction.	Support	A. Priority Support/ Oppose	Support adopted on March 3rd.
AB 1195	Garcia, Cristina D	Drinking water.	7/14/2021-Failed Deadline pursuant to Rule 61(a)(11). (Last location was N.R. & W. on 6/9/2021)(May be acted upon Jan 2022)	7/14/2021-S. 2 YEAR	Current law establishes the Safe and Affordable Drinking Water Fund in the State Treasury to help water systems provide an adequate and affordable supply of safe drinking water in both the near and long terms. Current law authorizes the state board to provide for the deposit into the fund of certain moneys and continuously appropriates the moneys in the fund to the state board for grants, loans, contracts, or services to assist eligible recipients. This bill would prohibit a public water system from transferring or abandoning a water right held by the public water system except upon approval of the state board, as prescribed.	Oppose unless amended	A. Priority Support/ Oppose	Position adopted May 5th.
AB 1434	Friedman D	Urban water use objectives: indoor residential water use.	5/25/2021-Failed Deadline pursuant to Rule 61(a)(5). (Last location	5/25/2021-A. 2 YEAR	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	Opposition	A. Priority Support/ Oppose	Opposed position adopted April 7th.

			was APPR. on 4/27/2021)(May be acted upon Jan 2022)		gallons per capita daily.			
AB 1500	Garcia, Eduardo D	Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022.	5/20/2021-Joint Rule 62(a), file notice suspended. From committee: Do pass and re-refer to Com. on RLS. (Ayes 12. Noes 3.) (May 20). Re-referred to Com. on RLS.	5/20/2021-A. RLS.	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 \$7,080,000,000 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.	Out for Analysis	A. Priority Support/ Oppose	Bond intended for Nov. '22 ballot. Will remain "out for analysis" for the near future.
SB 45	Portantino D	Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2022.	6/1/2021-Ordered to inactive file on request of Senator Portantino.	6/1/2021-S. INACTIVE FILE	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 \$5,595,000,000 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	Bond intended for the Nov. '22 ballot.
SB 222	Dodd D	Water Rate Assistance Program.	8/19/2021-August 19 set for first hearing. Placed on suspense file.	8/19/2021-A. APPR. SUSPENSE FILE	Would establish the Water Rate 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 require the Department of Community Services and Development to develop and administer the Water Rate Assistance Program established by the bill.	Watch	A. Priority Support/ Oppose	Position adopted 2/3/2021
SB 223	Dodd D	Discontinuation of residential water service.	5/25/2021-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/17/2021)(May be acted upon	5/25/2021-S. 2 YEAR	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	Opposition	A. Priority Support/ Oppose	Oppose position taken on 2/3/2021

			Jan 2022)		water system that supplies water to 200 or fewer service connections used by year long residents.			
SB 230	Portantino D	State Water Resources Control Board: Constituents of Emerging Concern Program.	5/25/2021-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. on 3/15/2021)(May be acted upon Jan 2022)	5/25/2021-S. 2 YEAR	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 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.	Support	A. Priority Support/ Oppose	Support position adopted April 7th.
SB 323	Caballero D	Local government: water or sewer service: legal actions.	8/23/2021-Read second time. Ordered to third reading.	8/23/2021-A. THIRD READING	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. Existing law provides that a local agency levying a new 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. Except as provided, this bill would require any judicial action or proceeding to attack, review, set aside, void, validate, or annul an ordinance, resolution, or motion adopting, modifying, or amending water or sewer service fees or charges adopted after January 1, 2022, to be commenced within 120 days of the effective date or the date of final passage, adoption, or approval of the ordinance, resolution, or motion, whichever is later.	Support	A. Priority Support/ Oppose	Support adopted on March 3rd.

SB 351	Caballero D	Water Innovation Act of 2021.	5/25/2021-Filed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2021)(May be acted upon Jan 2022)	5/25/2021-S. 2 YEAR	Current law establishes the State Water Resources Control Board for the purposes of providing for the orderly and efficient administration of the 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.	Support	A. Priority Support/ Oppose	Support adopted on March 3rd.
SB 559	Hurtado D	Department of Water Resources: water conveyance systems: Canal Conveyance Capacity Restoration Fund.	8/16/2021-August 19 hearing postponed by committee.	7/1/2021-A. APPR.	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 operation of these provisions contingent on specified conditions being met. The bill would make these provisions inoperative on July 1, 2030, and would repeal the provisions as of January 1, 2031.	Support	A. Priority Support/ Oppose	Position adopted May 5th.

B. Watch

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
AB 11	Ward D	Climate change: regional climate change authorities.	4/30/2021-Filed Deadline pursuant to Rule 61(a)(2). (Last location was NAT.	4/30/2021-A. 2 YEAR	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	Watch	B. Watch	

			RES. on 1/11/2021)(May be acted upon Jan 2022)		stakeholders.			
AB 50	Boerner Horvath D	Climate change: Climate Adaptation Center and Regional Support Network: sea level rise.	4/30/2021-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 1/11/2021)(May be acted upon Jan 2022)	4/30/2021-A. 2 YEAR	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	
AB 51	Quirk D	Climate change: adaptation: regional climate adaptation planning groups: regional climate adaptation plans.	4/30/2021-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 1/11/2021)(May be acted upon Jan 2022)	4/30/2021-A. 2 YEAR	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	
AB 59	Gabriel D	Mitigation Fee Act: fees: notice and timelines.	4/30/2021-Failed Deadline pursuant to Rule 61(a)(2). (Last location was L. GOV. on 1/11/2021)(May be acted upon Jan 2022)	4/30/2021-A. 2 YEAR	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	Watch	B. Watch	

					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.			
AB 100	Holden D	Drinking water: endpoint devices: lead content.	8/23/2021-In committee: Referred to suspense file.	8/23/2021-S. APPR. SUSPENSE FILE	The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law prohibits, with certain exceptions, the use of any pipe, pipe or plumbing fitting or fixture, solder, or flux 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. Current law 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, commencing January 1, 2023, prohibit a person from manufacturing, and offering for sale in the state, an endpoint device, as defined, that does not meet a certain lead leaching standard. The bill would, commencing July 1, 2023, prohibit a person from introducing into commerce or offering for sale in the state an endpoint device that does not meet that lead leaching standard.	Watch	B. Watch	
SB 1	Atkins D	Coastal resources: sea level rise.	7/14/2021-July 14 set for first hearing. Placed on suspense file.	7/14/2021-A. APPR. SUSPENSE FILE	The 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	Watch	B. Watch	

					and guidelines for the 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.			
SB 273	Hertzberg D	Water quality: municipal wastewater agencies.	8/23/2021-Ordered to special consent calendar.	8/23/2021-S. CONSENT CALENDAR	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, as defined, 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. The bill would require a municipal wastewater agency that enters into or amends one of these agreements after January 1, 2022, to file a copy of the agreement or amendment with the local agency formation commission in each county where any part of the municipal wastewater agency's territory is located, but would exempt those agreements and amendments from local agency formation commission approval except as required by the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.	Watch	B. Watch	
SB 274	Wieckowski D	Local government meetings: agenda and documents.	8/23/2021-Read third time. Passed. (Ayes 60. Noes 0.) Ordered to the Senate.	8/23/2021-S. DESK	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 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	Watch	B. Watch	

					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 email 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.			
SB 403	Gonzalez D	Drinking water: consolidation.	7/14/2021-July 14 set for first hearing. Placed on suspense file.	7/14/2021-A. APPR. SUSPENSE FILE	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 revise those consolidation provisions, including, among other revisions, authorizing the state board to also order consolidation where a water system serving a disadvantaged community is an at-risk water system, as defined, or where a disadvantaged community is substantially reliant on at-risk domestic wells, as defined.	Watch	B. Watch	
SB 480	Stern D	Metropolitan Water District of Southern California: rules: inappropriate conduct.	8/19/2021-Ordered to inactive file on request of Assembly Member Arambula.	8/19/2021-A. INACTIVE FILE	The Metropolitan Water District Act provides for the creation of metropolitan water districts and specifies the powers and purposes of a district. The act requires the Metropolitan Water District of Southern California to establish and operate an Office of Ethics and adopt rules relating to internal disclosure, lobbying, conflicts of interest, contracts, campaign contributions, and ethics for application to its board members, officers, and employees. This bill would require the Metropolitan Water District of Southern California to adopt rules relating to inappropriate conduct, as defined, by board members, officers, and employees.	Watch	B. Watch	
SB 526	Min D	Community water systems: lead	4/30/2021-Failed Deadline	4/30/2021-S. 2 YEAR	Current law requires, by July 1, 2020, a community water system with known lead user service lines in	Watch	B. Watch	

		user service lines.	pursuant to Rule 61(a)(2). (Last location was E.Q. on 2/25/2021)(May be acted upon Jan 2022)		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 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.			
SB 552	Hertzberg D	Drought planning: small water suppliers: nontransient noncommunity water systems.	8/16/2021-August 19 hearing postponed by committee.	7/1/2021-A. APPR.	Would require small water suppliers, as defined, and nontransient noncommunity water systems that are schools, no later than December 31, 2022, to develop and maintain an abridged Water Shortage Contingency Plan that includes specified drought-planning elements. The bill would require these water systems to report annually specified water supply condition information to the state board through the state board's Electronic Annual Reporting System or other reporting tool, as directed by the state board, and to include water system risk and water shortage information in the water systems' consumer confidence reports, as provided.	Watch	B. Watch	
Total Measures: 27 Total Tracking Forms: 27								

**Metropolitan Water District of Southern California
State Legislative Matrix
August 16, 2021 – First Year of Legislative Session**

Item 3d

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
Metropolitan-sponsored bills	AB 442 Mayes (I) Sponsor: Metropolitan	Amended 7/12/2021 Senate Appropriations Committee Hearing: 8/23/2021	Surface Mining and Reclamation Act of 1975: exemption: Metropolitan Water District of Southern California: single master reclamation plan Amends the Surface Mining and Reclamation Act of 1975 (SMARA) to prepare a master reclamation plan for emergency excavations or grading on lands owned, leased, or with easements for repairs and maintenance of pipelines, infrastructure, or related transmission systems used to distribute water in Metropolitan's service area.	SPONSOR Based on October 2019 Board Action	Maintaining critical water infrastructure requires coordinated regulatory compliance. Metropolitan is proposing legislation to allow it to develop a master reclamation plan for each surface mining site to consistently administer and enforce SMARA compliance for responding to emergencies and repairing, maintaining or replacing any pipelines, infrastructure, or related transmission systems used to distribute water in Southern California. The July 12 amendments clarify that the master reclamation plan satisfies all reclamation plan requirements for each individual surface mining site and the role of the State Mining and Geology Board as lead agency for surface mining operations, including the ability to conduct site inspections and collect fees.
Metropolitan-sponsored bills	SB 230 Portantino (D) Sponsors: Metropolitan and the California Municipal Utilities Association (CMUA)	Introduced 1/19/2021 Senate Appropriations Committee Two-year bill	State Water Resources Control Board: Constituents of Emerging Concern Program Seeks to create a statewide program to identify and evaluate Constituents of Emerging Concern (CECs) in drinking water sources.	CO-SPONSOR Based on October 2019 Board Action	Metropolitan and CMUA 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

Metropolitan Water District of Southern California
State Legislative Matrix
August 16, 2021 – First Year of Legislative Session

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
					intent to improve knowledge and future regulatory determinations.
Drinking Water	AB 588 Garcia, E. (D) Sponsors: Association of California Water Agencies California Association of Mutual Water Companies	Amended 3/30/2021 Assembly Environmental Safety & Toxic Materials Two-year bill	California Safe Drinking Water Act: compliance Would allow the State Water Resources Control Board to approve a compliance period of not less than 30 days and no more than 6 months for new primary drinking water standards and would allow an additional 12 months on a case-by-case basis.	SUPPORT Based upon Board-adopted 2021 State Legislative Priorities and Principles	The bill would create flexibility for water agencies to comply with new primary drinking water standards. Metropolitan supports granting more time to comply if a contaminant requires extensive treatment and capital investments. Large water agencies with adequate resources may be able to comply sooner with new MCLs, but smaller systems may need longer lead times to invest in routine monitoring and treatment. Water agencies granted longer compliance periods would have to report on progress.
Water Quality and Treatment	AB 377 Rivas, R. (D) Sponsor: California Coastkeeper Alliance	Amended 4/13/2021 Two-year bill	Water quality: impaired waters Would require the State Water Resources Control Board and Regional Water Quality Control Boards to evaluate impaired surface waters and report to the Legislature a plan to bring them in to attainment by January 1, 2050. Requires by January 1, 2023 the State Water Board and Regional Boards prioritize enforcement of surface water quality standards and creates the Waterway Recovery Account to provide funding to bring impaired	WATCH Based upon Board-adopted 2021 State Legislative Priorities and Principles	The April 13 amendment substantively revised the bill. The blanket prohibitions on the issuance of new, renewed, or remodified NPDES waivers, waste discharge requirements, and permits with best management practices have been removed. There is still language with provisions pertaining to new enforcement procedures for discharges that are “causing or contributing to an exceedance of water quality standard in a surface water of the state.” However, it is too early to assess how, or if, the State and Regional boards will take enforcement action on low-threat drinking water

Metropolitan Water District of Southern California
State Legislative Matrix
August 16, 2021 – First Year of Legislative Session

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
			surface water segments into compliance		discharges to bring “all water segments” into attainment by the 2050 target date.
Water Governance and Funding	AB 1195 C. Garcia (D) Sponsor: Author	Amended 5/24/2021 Senate Environmental Quality Committee Two-year bill	Drinking water. Requires the State Water Resources Control Board (State Water Board) to appoint a commissioner to implement the Safe and Affordable Fund for Equity and Resilience Program (SAFER Program) in Southern Los Angeles County.	OPPOSE UNLESS AMENDED Based upon May 2021 Board Action	Seeks to address the needs of public water systems in Southern Los Angeles County struggling to provide safe and affordable retail water. The May 24 amendments limit the role of the commissioner to focus on implementation of the SAFER Program and create a pilot program with Los Angeles County LAFCO to extend service or consolidate struggling systems. Metropolitan is seeking additional amendments to further clarify the role of the commissioner; strike a provision that grants the commissioner the authority to audit public water systems and bypass the public process created by the Legislature; and strike a section that would grant the State Water Board jurisdiction over decisions to transfer or abandon groundwater rights.
Delta/State Water Project	SB 369 Pan (D) Sponsor: Sacramento Area Flood Control Agency	Amended 6/14/2021 Assembly Appropriations Committee Suspense File	Flood control: Yolo Bypass Cache Slough Partnership Multi-Benefit Program Codifies State recognition and support for the Yolo Bypass Partnership and its efforts to advance coordinated master planning and accelerate restoration activities for	SUPPORT Based upon Board-adopted 2021 State Legislative Priorities and Principles	The 2020 Water Resources Development Act authorized a comprehensive study of the Yolo Bypass and its future role in regional flood control. A state master plan for the Yolo Bypass-Cache Slough would similarly advance multi-benefit restoration projects and encourage state and federal agencies to coordinate regulatory compliance and funding for

Metropolitan Water District of Southern California
State Legislative Matrix
August 16, 2021 – First Year of Legislative Session

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
			the Yolo Bypass-Cache Slough region.		flood control, water supply, habitat and recreation. The June 14 amendments support work by the city of West Sacramento in collaboration with state and federal agencies.
Delta/State Water Project	SB 626 Dodd (D) Sponsor: Author	Amended 6/21/2021 Assembly Floor	Construction Manager/General Contractor Procurement Method: Department of Water Resources Authorizes the Department of Water Resources (DWR) to use the Construction Manager/General Contractor (CM/GC) procurement method for construction contracts.	SUPPORT Based upon Board-adopted 2021 State Legislative Priorities and Principles	The State Water Contractors (SWCs) fund all State Water Project capital and operations and maintenance (O&M) projects. Projects that use the CM/GC or design build procurement method can begin earlier and take less time because of overlapping design and construction phases. This will reduce the overall cost of capital infrastructure, public safety and habitat restoration projects. The bill requires an annual report to the Legislature regarding the use of these procurement methods and sets a limit of no more than seven projects per procurement method. The June 21 amendments clarify the construction manager/general contractor procurement method process.
Delta/State Water Project	AB 979 Frazier (D) Sponsor: Author	Amended 4/13/2021 Two-year bill	Sacramento-San Joaquin Delta: projects: sea level rise analysis report Requires a local or state agency and private developers undertaking a project in the San Joaquin-	OPPOSE Based upon Board-adopted 2021 State Legislative	The bill as amended on April 13 would apply to Metropolitan as owners of Delta islands and the Department of Water Resources as operator of the State Water Project. A SLR analysis be required using Ocean Protection Council scenarios from a 2018 guidance document including one

Metropolitan Water District of Southern California
State Legislative Matrix
August 16, 2021 – First Year of Legislative Session

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
			Sacramento Delta to complete and submit to the Delta Stewardship Council, Delta Protection Commission and Legislature a report that analyzes the impact of sea-level rise (SLR) on the project.	Priorities and Principles	projecting a 22 additional feet of rise at the Golden Gate bridge. It could add significant costs and delays to Delta levees or habitat restoration projects including the DCP, an action covered under the Delta Reform Plan. Any updates to the plan already require the Delta Stewardship Council to consider sea level rise.
Water/Energy Nexus	AB 1161 E. Garcia (D) Sponsor: Author	Amended 4/13/2021 Two-year bill	Electricity: eligible renewable energy and zero-carbon resources: state agencies: procurement Requires the Department of Water Resources (DWR) to procure newly eligible renewable energy resources or zero-carbon resources, and associated energy storage, for state agencies to satisfy their 100% renewable energy goals by December 31, 2030.	OPPOSE Based upon Board-adopted 2021 State Legislative Priorities and Principles	SB 100 (DeLeon, 2018) set a state goal for 100% carbon-free resources for all state agencies by 2045. Staff have concerns that this bill misplaces the burden of procuring renewable and carbon-free resources and associated storage onto DWR. Procuring energy for other state agencies is outside DWR's purpose and core expertise. Moreover, accelerating the state's goal of 100% renewable and carbon-free energy resources for all state agencies by 2045 to 2030 could dramatically increase Metropolitan's retail electricity rates above what is mandated by SB 100.
Water Bond Infrastructure Funding	AB 1500 Garcia, E. (D) and Mullin (D) Sponsor:	Amended 5/18/2021	Safe Drinking Water, Wildlife Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022	SUPPORT AND SEEK AMENDMENTS	Would provide funding for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, and workforce development programs.

Metropolitan Water District of Southern California
State Legislative Matrix
August 16, 2021 – First Year of Legislative Session

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
	Author	Two-year bill	Places a \$6.995 billion wildfire and water bond on the 2022 ballot for voter approval.	Based upon Board adopted 2021 State Legislative Priorities and Principles and Board action on AB 3256 (Garcia, 2020) 06/09/2020	Metropolitan is seeking amendments to ensure adequate funding for recycled water projects, water quality monitoring and treatment, and subsidence repairs to conveyance infrastructure projects.
Water Bond Infrastructure Funding	SB 45 Portantino (D) Sponsor: Author	Amended 4/8/2021 Two-year bill	Wildfire, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2022 Places a \$5.595 billion wildfire and water bond on the 2022 ballot for voter approval.	SUPPORT AND SEEK AMENDMENTS 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, water quality monitoring and treatment, and subsidence repairs to conveyance infrastructure projects.
Water Bond Infrastructure Funding	SB 559 Hurtado (D) Sponsors:	Amended 6/14/2021	Department of Water Resources: water conveyance systems: Canal Conveyance Capacity Restoration Fund	SUPPORT Based upon Board adopted 2021 State Legislative	Portions of the California Aqueduct, the Friant Kern Canal and the Delta Mendota Canal have lost capacity due to subsidence. The Fund would upon appropriation provide funding to DWR to support a 10-year program to restore the

Metropolitan Water District of Southern California
State Legislative Matrix
August 16, 2021 – First Year of Legislative Session

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
	Friant Water Authority, San Luis & Delta Mendota Water Authority, and State Water Contractors	Assembly Appropriations Committee Hearing: 8/19/2021	Establishes the Canal Conveyance Capacity Restoration Fund that would upon appropriation provide up to \$785 million in funding for the Department of Water Resources (DWR) to help pay for subsidence repairs to the State Water Project and Central Valley Project water conveyance systems and for necessary road and bridge upgrades.	Priorities and Principles	capacity of the canals and ensure a more secure water supply. Funds could be used to cover one-third of the cost to restore the capacity of the canals. A federal companion bill is envisioned that would provide one-third the cost and local partners would contribute the remaining one-third of the cost. The creation of the Fund is contingent upon all of the following: an appropriation of funds; an agreement is executed to provide for local cost share; and the provision of adequate cost share as determined by the DWR Director. The June 4 amendments clarify that funding can be through an agreement or other contractual arrangement.
Innovation	SB 351 Caballero (D) Sponsor: California Municipal Utilities Association	Amended 4/20/2021 Two-year bill	Water Innovation Act of 2021 Would create the Office of Water Innovation at the California Water Commission to foster the adoption of new technologies and other innovative approaches in the water sector. Creates the Water Innovation Fund, with monies available upon appropriation, to the Department of Water Resources and State Water Resources Control Board to support water innovation.	SUPPORT Based upon Board adopted 2021 State Legislative Priorities and Principles	The water sector is facing a myriad of challenges from climate change, aging infrastructure, groundwater contamination, subsidence and freshwater ecosystems vulnerable to climate change. Innovative technologies and approaches are needed to ensure a reliable water supply while trying to address the challenges. An Office of Water Innovation could increase collaboration among state agencies on innovative approaches, engage stakeholders, and review regulations that may inhibit

Metropolitan Water District of Southern California
State Legislative Matrix
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Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
					innovation in order to recommend regulatory reforms.
Governance	AB 361 R. Rivas (D) Sponsor: California Special Districts Association	Amended 7/6/2021 Senate Floor	Open meetings: local agencies: teleconferences Authorizes local agencies to use teleconferencing during state emergencies and when social distancing guidelines have been imposed without complying with physical noticing or quorum requirements under the Ralph M. Brown Act.	SUPPORT Based upon Board Action on 3/9/2021	Codifies Executive Order N-29-20 that allows for teleconferenced public meetings during state emergencies. Metropolitan currently hosts teleconferencing public meetings in accordance with the Executive Order. AB 361 provides statutory clarity allowing Metropolitan to maintain transparency and public participation in public meetings during future state declared emergencies. The July 6 amendments clarify the process for allowing local agencies to conduct teleconferenced meetings during a state emergency without complying with the requirements of the Brown Act. The authorization sunsets January 1, 2024.
Governance	AB 703 B. Rubio (D) Sponsor: Three Valleys Municipal Water District	Amended 04/29/2021 Two-year bill	Open meetings: local agencies: teleconferences Amends the Ralph M. Brown Act to allow a local agency to use teleconferencing and removes certain noticing provisions for each teleconferencing location, requires the local agency to allow all members of the public to observe the meeting and address the legislative	SUPPORT Based upon Board Action on 3/9/2021	Metropolitan currently hosts teleconferencing public meetings in accordance with Executive Order, N-29-20. AB 703 allows the option to hold teleconferenced meetings into the future after the COVID-19 public health emergency is over and the Executive Order is lifted as long as a quorum of the Board's directors participate in person, give notice and post agendas as

**Metropolitan Water District of Southern California
State Legislative Matrix
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Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
			body in person and remotely by teleconference or internet option, and requires a quorum of members participate in person from a location noticed in the meeting agenda.		prescribed, and the public can address the Board in person or by teleconference.

ETWD Public Education and Outreach Report

September 23, 2021

Bill Message

Customer October/November bill message:

Looking to update your landscape or irrigation system, install a premium high efficiency toilet or purchase a new high efficiency washing machine? Water use efficiency rebates are available for ETWD customers. For more information and eligibility requirements, please visit www.etwd.com/conservation/rebates/.

Meeting with Senator Dave Min

President Gaskins and Dennis Cafferty met virtually with Senator Min on September 16, 2021 to discuss water supply, drought and project funding. Senator Min represents the California Senate District 37 and includes the City of Laguna Woods and the City of Lake Forest. The District is looking forward to providing a Water Recycling Plant tour to Senator Min in the near future.

Laguna Woods Village Television

Vice President Freshley discussed the ETWD Budget for 2021-2022 in a Zoom interview with Lisa Hart on September 13, 2021. Director Vergara will be scheduled for October and his topic is to be determined.

H2O for HOAs

The annual H2O for HOA event will be held on October 19, 2021 at the Lake Forest Community Center. Director Havens will be guest speaker presenting on transforming SoCal landscapes. A save the date flyer follows this report. A registration link will be sent out when available. If any directors plan on attending, please inform Sherri ahead of the event.

ETWD Newsletter

A copy of the fall newsletter follows this report. The newsletters are distributed with the monthly customer bills, included in the September 25th OC Register to Laguna Woods Residents, linked in the Laguna Woods Village E-blast and copies are sent to all HOAs that are individually billed.



El Toro Water District · Fall 2021

WATER VIEWS

APPLY FOR A MONEY- SAVING REBATE NOW!

Save water, and put cash back into your wallet with rebates for qualifying devices and upgrades.

TURF REMOVAL - UP TO \$4 PER SQUARE FOOT

Available for residential and commercial customers. Limits apply.

DRIP IRRIGATION

SMART TIMERS

SPRINKLER NOZZLES

RAIN BARRELS

TOILETS

WASHERS AND MORE

Visit etwd.com/conservation/rebates to learn how to qualify and start saving today. You'll also find commercial rebates and landscaping ideas to keep the savings rolling in.

THE DISTRICT'S OFFICE IS NOW OPEN TO THE PUBLIC, AND OUR FRIENDLY STAFF IS HERE TO SERVE YOU.

The following safe, convenient payment options are available to all customers:

- Call **(844) 850-9183** to pay by phone.
- Visit etwd.com/view-pay-yourbill to pay online.
- Visit us in person, during our office hours: Monday-Thursday from 7:30 a.m. – 4 p.m. and from 7:30 a.m. – 3 p.m. every other Friday (closed every other Friday). Masks are required for non-vaccinated in-person visits.
- Drop off a check, money order or cashier's check in our parking lot payment drop box at **24251 Los Alisos Blvd, Lake Forest, CA 92630**.
- Mail your payment to **El Toro Water District, P.O. Box 4000, Laguna Hills, CA 92654**.

OPEN

WORKING TOGETHER TO WEATHER CALIFORNIA'S DROUGHT



Over 95% of the state is experiencing severe to exceptional drought conditions, and 2021 has become the third-driest year on record. In response to these conditions, Governor Newsom declared a drought emergency in 50 of the 58 counties in California, and our water provider, Metropolitan Water District of Southern California, recently declared a Water Supply Alert. Thanks to past investments in our water infrastructure, sound planning and conservation becoming a way of life, Orange County is in better shape to weather the drought, but we are relying on storage to get us through the year and unsure of what next year will bring.

What does this mean for our customers? ETWD is asking all of our customers to voluntarily reduce their water use by 15% and help preserve water storage reserves. ETWD and our wholesale suppliers will continue to invest in infrastructure and innovative, new ways to adapt to drought and climate change.

This drought is a serious reminder that we must continue to work together to ensure our water supplies remain reliable for future generations to come. If the drought persists for too long, we may be forced to move into water restrictions. Finding ways to save water are very important. Information on water use efficiency rebates and water saving tips are included to help you get started.

Thank you for doing your part to make conservation a way of life. Together, we can weather the drought and make every drop count!

H₂O FOR HOAs

**Oct. 19, 2021 | Lake Forest
Community Center**

Free, educational water management event for HOA board members, community managers and professional landscapers. Learn more, and register at etwd.com/conservation/h2o-for-hoas.



Water levels at Lake Oroville dropped from 96% of total capacity on May 11, 2016 (above) to extremely low levels on July 26, 2021 (below).





10 SIMPLE STEPS TO CONSERVE WATER SMALL CHANGES ADD UP TO BIG SAVINGS

INDOORS



Check for leaks in faucets, showerheads and plumbing.



Switch to low-flow faucets, showerheads and toilets.



Run only full loads of laundry or dishes.



Use excess clean water for house plants.



Shorten showers, and turn off the water while brushing your teeth.

OUTDOORS



Check that your sprinklers aren't over spraying onto the pavement.



Water before 10 a.m. or after 5 p.m. Water evaporation slows when it's cooler outside.



Reduce the number of days per week you irrigate with a smart controller.



Use a broom instead of a hose to clean sidewalks.



Replace your lawn with water-wise plants.



PERMANENT, MANDATORY CONSERVATION MEASURES

Follow the District's permanent, mandatory conservation measures to save water 365 days a year. You can view the full requirements for residential and commercial/industrial customers at etwd.com/conservation/drought.



GROW YOUR DROUGHT- TOLERANT GARDEN THIS FALL



What to plant now: Chalk Dudleya

- California-native succulent
- Attracts hummingbirds and butterflies
- Thrives in full sun or partial shade
- Plant at a 45-to-90-degree angle among rocks
- Hardy and easy-to-grow, hence its common name: chalk liveforever

Free Landscape Workshops

Visit etwd.com/conservation/landscape-workshops to learn more.



INVESTING IN INFRASTRUCTURE

Every penny we invest in water and wastewater infrastructure is an investment in protecting the health of our community and our environment. The District is launching important projects to maintain and secure our systems for the future.

Upcoming infrastructure projects

The District is committed to:

- Improve reliability and upgrade equipment at the Oso Lift Station, an important wastewater pumping facility.
- Replace the El Toro Reservoir floating cover that's 20 acres in size and equivalent to 20 football fields.
- Replace deteriorating aeration basin diffuser equipment at our Water Recycling Plant.
- Replace the emergency generator at the Ocean Outfall Pump Station, which plays a vital role in discharging treated wastewater to the ocean.
- Begin design on the demolition of an old water filtration plant and construction of a new multipurpose building, and partner with the Municipal Water District of Orange County on building a new Water Response Organization of Orange County Emergency Operations Center.
- We also installed an emergency backup pump at one of our largest sewer lift stations to prevent potential sewer spills.



BEHIND THE SCENES AT ETWD



Scott Hopkins

Operations Superintendent

Top Priorities: Overseeing the operations department's team of 40 employees spanning water distribution, wastewater, pumping, water quality, field customer service and fleet services

Experience: 30+ years of water district and local government experience

"A city grows where water flows!"

MEET THE NEWEST MEMBERS OF OUR TEAM



Jason Hayden

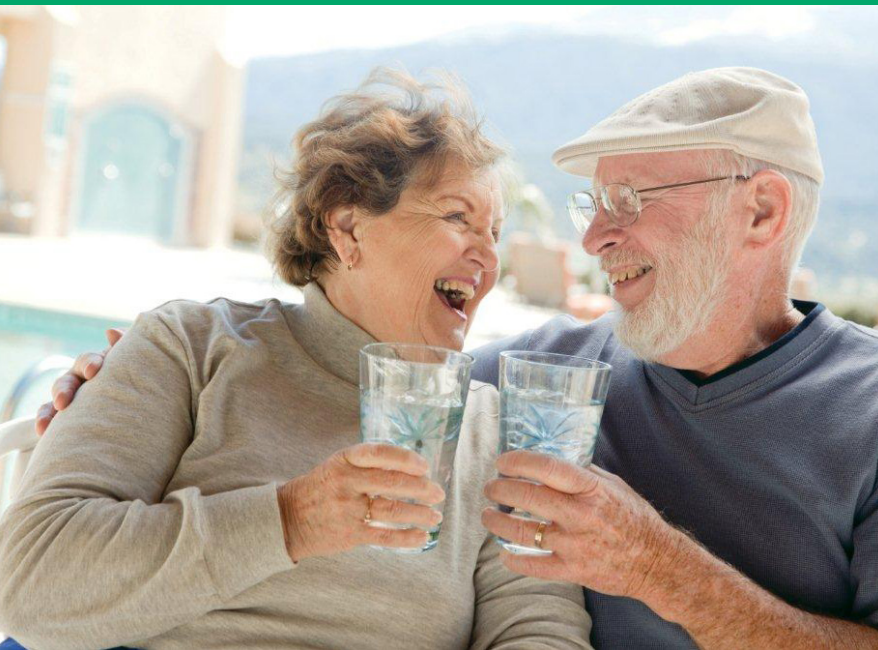
Chief Financial Officer

Top Priorities: Managing the District's budget, audit processes and financial operations, and securing funding for important projects

Experience: 20+ years of water district and local government experience

"It's our job to make everything run so smoothly that when you turn on your faucet or flush the toilet, you might not even realize the tremendous amount of resources and investment it takes to make those systems work."





YOUR WATER QUALITY IS OUR TOP PRIORITY



The District is proud to deliver safe drinking water to you and your family 24/7. You can rely on the flow of clean, safe H₂O to meet your needs for all of life's moments – from the time you fill your coffeemaker with water in the morning to the minute you run your toothbrush under the faucet before bed.

High-tech science and vigilant water safeguards

So, how exactly do we ensure that your drinking water meets or exceeds all state and federal drinking water standards? The answer is found in our highly specialized

systems and procedures that combine science, technology and unwavering commitment to our customers and our community. In fact, our team of certified operators continuously monitors your water supply. We conduct more than 12,000 water quality tests each year from 70 representative sample locations throughout the District's service area. Our high-tech water quality laboratory is one of only a few in Orange County certified by the California Environmental Laboratory Accreditation Program. Plus, our licensed water professionals leverage their mastery of chemistry, biology, mathematics, physics and engineering to safeguard your water every day. You can read more about your water quality in our Annual Water Quality Report posted at etwd.com/governance/water-quality-report.

DISTRICT EARNS EXCELLENCE IN FINANCIAL REPORTING AWARD

The District is committed to fiscal responsibility and transparency to our community. For the fifth consecutive year, we earned the highest form of recognition in the area of governmental accounting and financial reporting – a Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association. Current financial information is always available to our customers at etwd.com/governance/financial-statements.

ETWD delivers drinking water, recycled water and wastewater services to customers in the City of Laguna Woods and portions of the cities of Lake Forest, Mission Viejo, Laguna Hills and Aliso Viejo. Have questions? Call us at **(949) 837-7050** or email us at district@etwd.com.

Para obtener información en español, llame al servicio al cliente, 949-837-0660.

BOARD OF DIRECTORS

The Board of Directors meets the fourth Thursday of the month at 7:30 a.m. in person and via Zoom teleconference. We encourage you to join us. Each meeting agenda posted on our website includes participation instructions. Learn more: etwd.com/governance/meetings-agendas-minutes

PRESIDENT

Mike Gaskins

VICE PRESIDENT

Kathryn Freshley

DIRECTOR

Jose Vergara

DIRECTOR

Mark Monin

DIRECTOR

Kay Havens

GENERAL MANAGER

Dennis P. Cafferty

For more information, visit etwd.com



SAVE THE DATE



H₂O
for
HOAs

FREE EVENT
ATTEND IN PERSON
OR ONLINE

Breakfast will be provided
Opportunity Drawing

TUESDAY
OCT 19

8AM - 12NOON

Lake Forest Community Center
100 Civic Center Dr. Lake Forest

We invite HOA board members, property managers and professional landscapers to join us in this annual event aimed at providing education and inspiring conversation and collaboration on water management topics.

Register for this FREE event at bit.ly/H2OforHOAs

**EL TORO WATER DISTRICT
WATER USE EFFICIENCY
Monthly Report
September 23, 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 ETWD customer device rebates available to customers from July/August 2021 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.

1) Residential Rebate Program:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
High Efficiency Clothes Washer	\$85		\$115	\$200
Premium High Efficiency Toilet	\$40		\$60	\$100
Rotating Sprinkler Nozzles (min 30 per home)	\$2 ea			\$2
Smart Irrigation Timer	\$80	\$100	\$70	\$250
Turf Removal Program (up to 5,000 sq ft)*	\$2 sq. ft.	\$1 sq. ft.	\$1 sq. ft.	\$4 sq. ft.
Soil Moisture Sensor System <1 Acre >1 Acre	\$80 \$35/station	\$100	\$70	\$250 \$35/station
Hose Bib Irrigation Controller	\$35			\$35
Rain Barrels Cisterns (200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	\$35 \$250 \$300 \$350		\$15	\$50 \$250 \$300 \$350
Spray to Drip Irrigation (up to 5,000 sf of converted area per fiscal year)		\$0.50 sq. ft.		\$0.50 sq. ft.

*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:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
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			\$2
Rotating Nozzles – Large Rotary	\$13			\$13
Turf Removal Program (up to 50,000 sq ft MET-MWDOD/up to 10,000 sq. ft. ETWD funding)*	\$2 sq. ft*	\$1 sq. ft.	\$1 sq. ft. Terms TBD	\$4 sq. ft.*
Spray to Drip Irrigation (up to 45,000 sq. ft)		\$0.50 sq. ft.		\$0.50 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. MWDOC Grant funding based on availability.

4) Actual Customer Rebates and Budget Analysis

The following ETWD supplemental rebates are in addition to the Metropolitan Water District device rebates and the Municipal Water District of Orange County turf removal program that have been paid.

Device July 2021	Total # Rebates Paid	ETWD Supplemental Amount	Budget 20/21	ETWD Supplemental Rebate Total
High Efficiency Clothes Washer	1	\$115	\$5,750	\$4,255
Premium High Efficiency Toilet	0	\$60	\$1,800	\$120
Smart Irrigation Timer/Soil Moisture Sensor System	2	\$75	\$3,000	\$320
Rain Barrels Cisterns	0	\$15	\$150	\$30
Total			\$10,325	\$4,725

Turf Removal Program July 2021	Total sq.ft. Paid	ETWD Supplemental Amount	Budget	ETWD Supplemental Rebate Total
Turf Removal Residential	0	\$1 sq. ft.	\$7,000	\$1,712

WATER USE EFFICIENCY PLAN UPDATE (Water Conservation Plan)

The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). [As of August 2021, year-to-date sales, residential accounted for 58% of the overall Tier 3 usage and dedicated irrigation accounted for 49% of Tier 4 usage.](#)

TOTAL CONSUMPTION COMPARISON TO EVAPOTRANSPIRATION (ET) FACTOR

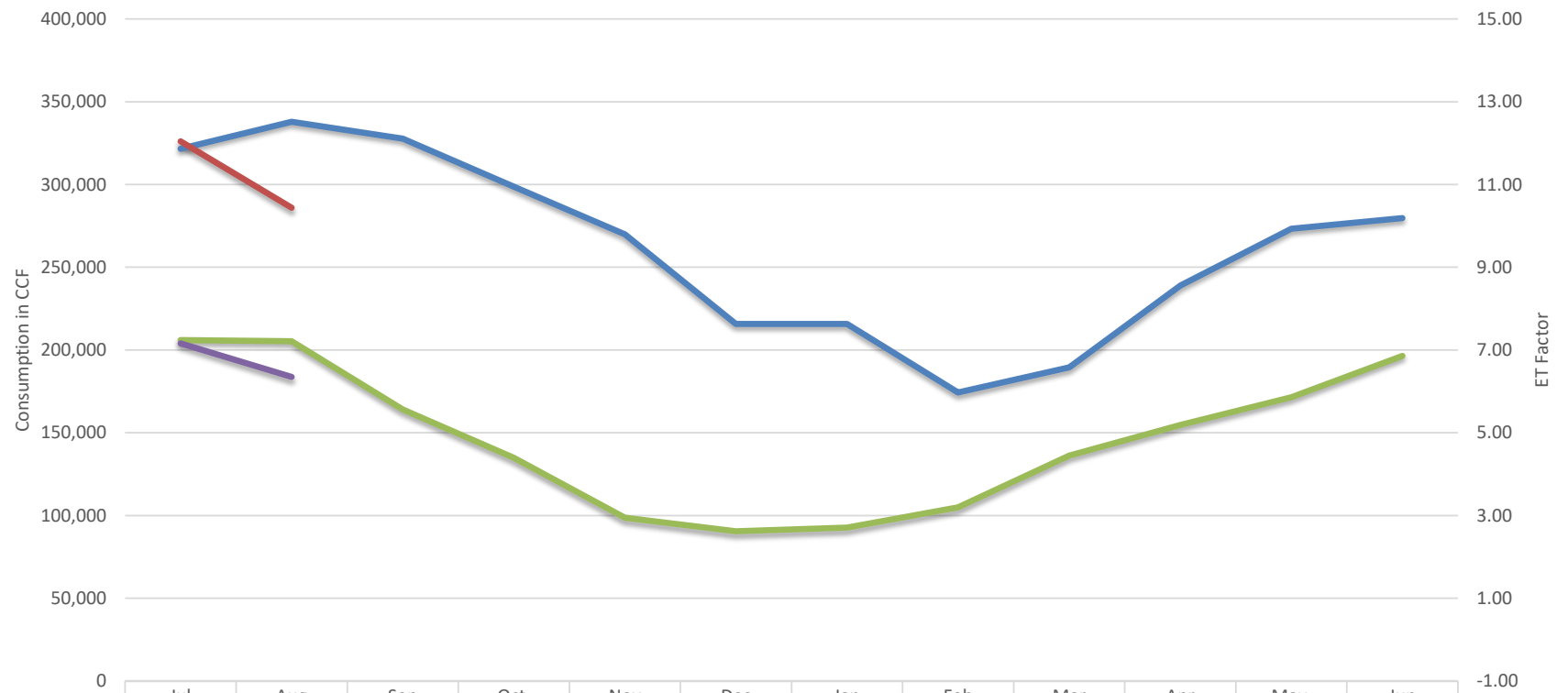
Included in this month's Conservation Report is a chart comparing the current fiscal year 2020/21 consumption and ET factor to the fiscal 2019/20 consumption and ET factor. [The ET factor decreased 13.5% from August 2020 when compared to August 2021.](#) [There was a 15% decrease in consumption reflected in August 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.

By: Sherri Seitz
Date: September 17, 2021

Total Consumption Comparison

[illegible]

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	58.3	19.0	\$54,885
High Efficiency Clothes Washers--Residential	2001	19	28.5	9.3	\$26,812
*SoCal Water Smart Commercial Plumbing Fixtures Rebate Program (ULFT's, HET's, Urinals, HECW, Cooling Tower Conductivity Controllers)	2002	18	56.6	18.4	\$53,276
SmarTimer Program--Irrigation Timers	2004	16	202.4	65.9	\$190,441
Rotating Nozzles Rebate Program	2007	13	158.7	51.7	\$149,349
Turf Removal Program	2010	10	69.1	22.5	\$65,030
**Water Smart Landscape Program - Ended 2016	1997	20	242.9	79.2	\$228,594
Synthetic Turf Rebate Program-Ended 2011	2007	8	0.9	0.3	\$847
***Ultra Low Flush Toilets (ULFT)--Ended 2009	1992	16	193.2	58.0	\$167,487
Computer Controlled Irrigation System--Gate 11--Ended 2006	2001	6	8.9	2.9	\$8,357
Totals			1019.5	332.2	\$959,412

* 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 332.2 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	July-21	77	0.22	77	0.22	124,456	4,294	40,754
High Efficiency Toilet (HET) Program	2005	July-21	1	0.00	180	7.66	60,745	2,245	27,032
Smart Timer Program - Irrigation Timers	2004	July-21	134	2.72	134	255.95	31,288	9,365	73,506
Rotating Nozzles Rebate Program	2007	July-21	177	0.71	177	0.38	570,846	2,789	28,000
Commercial Plumbing Fixture Rebate Program	2002	July-21	489	1.51	489	1.51	111,402	5,295	66,239
Industrial Process/Water Savings Incentive Program (WSIP)	2006	July-21	0	0.00	0	2.30	38	1,284	6,328
Turf Removal Program ^[3]	2010	July-21	17,570	0.20	17,570	0.40	23,560,508	3,299	22,205
Spray-to-Drip Program		January-00	0	0.00	0	0.00	0		0
Rain Barrels Rebate Program		January-00	0	0.00	8	0.00	8,619		83
Recycled Water Retrofit		January-00	0	0.00	0	0.00	178		17,023
Water Smart Landscape Program [1]	1997						12,677	10,621	72,668
Home Water Certification Program	2013						312	7,339	15,266
Synthetic Turf Rebate Program	2007						685,438	96	469
Ultra-Low-Flush-Toilet Programs ^[2]	1992						363,926	13,452	162,561
Home Water Surveys ^[2]	1995						11,867	160	1,708
Showerhead Replacements ^[2]	1991						270,604	1,667	19,083
Total Water Savings All Programs			5	18,635	268	25,812,904	54,576	537,675	

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

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

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

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

HIGH EFFICIENCY CLOTHES WASHERS INSTALLED BY AGENCY

through MWD OC 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	FY21/22	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	50	-	2,061	0.00	673.47	1,066
Buena Park	105	106	91	76	54	50	45	28	56	1	1,697	0.00	543.37	878
East Orange CWD RZ	10	8	8	8	3	1	6	2	2	-	203	0.00	70.29	105
El Toro WD	134	121	111	65	47	50	40	29	41	1	1,681	0.00	541.30	870
Fountain Valley	115	102	110	76	65	48	39	34	36	-	2,557	0.00	872.68	1,323
Garden Grove	190	162	165	251	127	87	69	62	102	1	3,883	0.00	1,271.17	2,009
Golden State WC	265	283	359	260	138	156	92	94	141	4	5,498	0.01	1,808.23	2,845
Huntington Beach	334	295	319	225	180	139	92	113	164	3	8,754	0.01	3,007.21	4,530
Irvine Ranch WD	1,763	1,664	1,882	1,521	1,369	1,194	882	480	505	13	27,723	0.04	8,862.35	14,345
La Habra	82	114	87	66	53	48	48	45	65	1	1,533	0.00	480.41	793
La Palma	34	25	34	29	10	14	7	12	7	1	498	0.00	164.20	258
Laguna Beach CWD	38	37	39	32	19	20	18	16	25	2	1,011	0.01	332.16	523
Mesa Water	114	86	89	113	79	53	38	41	99	1	2,748	0.00	931.44	1,422
Moulton Niguel WD	442	421	790	688	574	524	356	295	422	19	11,517	0.05	3,523.72	5,959
Newport Beach	116	92	95	66	61	51	41	26	35	1	2,777	0.00	969.54	1,437
Orange	218	163	160	124	80	73	55	59	90	1	4,175	0.00	1,439.50	2,160
San Juan Capistrano	76	73	92	63	33	32	23	26	35	2	1,575	0.01	521.20	815
San Clemente	140	94	141	75	70	83	62	61	73	3	2,899	0.01	946.05	1,500
Santa Margarita WD	553	662	792	466	367	271	212	248	307	8	10,554	0.02	3,363.17	5,461
Seal Beach	31	29	38	23	9	17	8	21	14	1	662	0.00	217.19	343
Serrano WD	13	10	26	8	11	8	2	7	4	-	378	0.00	129.64	196
South Coast WD	89	79	68	43	44	36	28	30	29	2	1,707	0.01	559.18	883
Trabuco Canyon WD	30	45	47	34	28	22	13	12	13	-	858	0.00	281.43	444
Tustin	78	59	80	66	44	48	34	29	64	-	1,787	0.00	593.39	925
Westminster	121	82	109	149	84	65	45	35	79	-	2,810	0.00	924.23	1,454
Yorba Linda	181	167	156	123	55	66	43	61	75	2	3,996	0.01	1,378.37	2,068
MWD OC Totals	5,365	5,094	6,002	4,726	3,661	3,211	2,351	1,902	2,533	67	105,554	0.19	34,409.98	20,393
Anaheim	331	285	295	266	213	173	135	119	204	5	11,313	0.01	3,903.81	5,854
Fullerton	200	186	211	165	107	99	113	84	95	2	4,086	0.01	1,336.91	2,114
Santa Ana	163	131	132	259	141	124	128	49	154	3	3,426	0.01	1,103.65	1,773
Non-MWD OC Totals	694	602	638	690	461	396	376	252	453	10	18,825	0.03	6,344.38	3,637
Orange County Totals	6,059	5,696	6,640	5,416	4,122	3,607	2,727	2,154	2,986	77	124,379	0.22	40,754.36	24,029

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	FY 21-22	Total	Cumulative Water Savings across all Fiscal Years
Brea	0	38	146	154	4	6	1	2	1	0	460	175.05
Buena Park	0	96	153	112	13	3	0	2	2	0	691	303.40
East Orange CWD RZ	0	13	26	24	0	0	0	2	1	0	89	35.41
El Toro WD	133	218	869	264	12	6	10	5	2	0	2,060	874.80
Fountain Valley	0	41	132	220	7	8	1	3	2	0	837	385.46
Garden Grove	0	63	350	363	7	4	5	3	2	0	1,498	666.26
Golden State WC	2	142	794	512	9	11	5	7	9	0	2,822	1,237.62
Huntington Beach	0	163	1,190	628	4	3	4	2	12	0	2,922	1,194.72
Irvine Ranch WD	1,449	810	1,777	2,798	638	239	162	66	43	0	17,419	8,252.80
Laguna Beach CWD	0	45	112	81	1	4	0	2	4	0	398	168.75
La Habra	0	37	94	83	5	1	0	0	3	0	594	291.57
La Palma	0	21	59	52	4	2	4	3	0	0	231	95.67
Mesa Water	0	147	162	162	7	3	3	15	4	0	1,643	859.82
Moulton Niguel WD	0	400	2,497	1,939	49	38	21	17	20	0	5,786	2,082.93
Newport Beach	0	49	168	243	11	6	0	0	3	0	734	301.87
Orange	1	142	978	416	17	10	5	4	6	0	2,204	890.17
San Juan Capistrano	0	35	140	202	3	9	4	0	0	0	536	208.37
San Clemente	0	72	225	246	11	6	10	1	5	0	894	370.22
Santa Margarita WD	0	528	997	1,152	114	33	11	15	28	0	3,396	1,226.68
Seal Beach	2	17	50	69	-1	0	0	0	0	0	857	531.14
Serrano WD	0	2	40	55	3	0	3	0	0	0	124	44.64
South Coast WD	64	102	398	235	11	7	0	0	0	0	1,028	398.01
Trabuco Canyon WD	0	10	108	169	2	3	2	0	2	1	347	122.74
Tustin	0	64	132	201	12	10	4	7	5	0	1,532	784.45
Westminster	0	35	161	359	3	4	0	0	5	0	1,340	631.28
Yorba Linda WD	0	40	280	379	12	8	2	6	0	0	1,267	550.54
MWDOC Totals	1,651	3,330	12,038	11,118	958	424	257	162	159	1	51,709	22,684.37
Anaheim	0	156	1,188	614	70	19	5	11	11	0	5,911	2,947.43
Fullerton	0	61	293	286	14	9	8	7	4	0	1,083	452.36
Santa Ana	0	33	602	293	20	0	4	8	5	0	2,038	947.71
Non-MWDOC Totals	0	250	2,083	1,193	104	28	17	26	20	0	9,032	4,347.49
Orange County Totals	1,651	3,580	14,121	12,311	1,062	452	274	188	179	1	60,741	27,031.86

COMMERCIAL PLUMBING FIXTURES INSTALLED BY AGENCY^[1]
through MWDOC and Local Agency Conservation Programs

Agency	FY 12/13	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Totals	Cumulative Water Savings across all Fiscal Years
Brea	234	0	10	91	734	242	0	74	154	0	1,835	847
Buena Park	5	23	56	591	133	49	0	94	0	0	2,632	1,803
East Orange CWD RZ	0	0	0	0	0	0	0	0	0	0	0	0
El Toro WD	0	212	6	268	35	737	717	0	0	0	2,516	1,019
Fountain Valley	0	0	1	249	0	895	0	398	0	0	2,165	1,042
Garden Grove	4	1	167	676	410	0	354	388	0	489	3,193	2,375
Golden State WC	0	1	0	1,008	53	93	86	80	0	0	3,124	2,874
Huntington Beach	104	144	7	783	641	10	208	270	0	0	3,442	2,555
Irvine Ranch WD	1,090	451	725	11,100	5,958	1,599	1,000	15	2	0	30,482	13,589
La Habra	0	0	0	340	42	0	0	59	0	0	984	848
La Palma	0	0	0	0	509	0	0	0	0	0	675	243
Laguna Beach CWD	0	27	0	0	0	0	0	0	0	0	446	466
Mesa Water	6	0	79	661	782	0	110	19	2	0	4,385	3,280
Moulton Niguel WD	0	0	3	413	281	506	4,392	764	0	0	6,939	2,115
Newport Beach	0	0	566	0	0	0	1,596	16	0	0	3,446	2,193
Orange	1	271	81	275	2,851	458	532	383	2	0	6,405	3,064
San Juan Capistrano	0	14	0	0	0	0	0	0	0	0	260	548
San Clemente	0	0	1	0	0	0	0	321	0	0	753	574
Santa Margarita WD	0	0	2	90	743	598	699	0	0	0	2,247	604
Seal Beach	0	0	0	0	184	278	0	0	0	0	816	657
Serrano WD	0	0	0	0	0	0	0	0	0	0	0	0
South Coast WD	148	0	382	0	0	0	0	0	0	0	1,320	851
Trabuco Canyon WD	0	0	0	0	0	0	0	0	0	0	11	22
Tustin	0	0	75	358	212	2	408	254	0	0	2,066	1,367
Westminster	1	28	0	146	177	25	0	252	186	0	1,601	1,514
Yorba Linda	1	0	0	226	84	338	0	83	0	0	1,016	881
MWDOC Totals	1,594	1,172	2,161	17,275	13,829	5,830	10,102	3,470	346	489	82,759	45,330
Anaheim	165	342	463	3,072	309	1,808	686	592	211	0	17,050	11,016
Fullerton	94	0	178	476	621	274	384	356	0	0	3,792	2,696
Santa Ana	16	17	5	1,293	238	582	7	920	66	0	7,312	7,197
Non-MWDOC Totals	275	359	646	4,841	1,168	2,664	1,077	1,868	277	0	28,154	20,910
Orange County Totals	1,869	1,531	2,807	22,116	14,997	8,494	11,179	5,338	623	489	110,913	66,239

[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 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	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
Buena Park	1	0	0	0	0	0	0	2	54	677
East Orange	0	0	0	0	0	0	0	0	0	0
El Toro	0	0	0	1	0	0	0	1	9	25
Fountain Valley	0	1	0	0	0	0	0	1	23	100
Garden Grove	1	0	0	0	1	0	0	2	7	12
Golden State	0	0	0	0	1	0	0	2	58	131
Huntington Beach	2	0	1	0	0	0	0	6	180	1152
Irvine Ranch	2	1	1	0	0	1	0	11	147	1047
La Habra	1	0	0	0	0	0	0	1	0	2
La Palma	0	0	0	0	0	0	0	0	0	0
Laguna Beach	0	0	0	0	0	0	0	0	0	0
Mesa Water	0	0	0	0	0	0	0	0	0	0
Moulton Niguel	0	0	0	0	0	0	0	0	0	0
Newport Beach	0	0	0	0	0	0	0	1	21	139
Orange	1	2	1	0	0	0	0	5	97	811
San Juan Capistrano	0	0	0	0	0	0	0	0	0	0
San Clemente	0	0	0	0	0	0	0	0	0	0
Santa Margarita	0	0	0	0	0	0	0	0	0	0
Seal Beach	0	0	0	0	0	0	0	0	0	0
Serrano	0	0	0	0	0	0	0	0	0	0
South Coast	1	1	0	0	0	0	0	2	134	582
Trabuco Canyon	0	0	0	0	0	0	0	0	0	0
Tustin	0	0	0	0	0	0	0	0	0	0
Westminster	0	0	0	1	0	0	0	1	117	254
Yorba Linda	0	0	0	1	0	0	0	1	20	56
MWDOC Totals	9	5	3	3	2	1	0	36	868	4989
Anaheim	0	0	0	0	0	0	0	0	0	0
Fullerton	0	0	0	0	1	0	0	1	282	540
Santa Ana	1	0	0	0	0	0	0	1	135	799
OC Totals	10	5	3	3	3	1	0	38	1284	6328

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

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

TURF REMOVAL BY AGENCY^[1]
through MWDOC and Local Agency Conservation Programs

Agency	FY 16/17		FY 17/18		FY 18/19		FY 19/20		FY 20/21		FY 21/22		Total Program		Cumulative Water Savings across all Fiscal Years
	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res	Comm.	
Brea	8,354	479	9,853	27,234	3,180	44,733	8,244	0	3,745	0	0	0	240,986	516,940	692.02
Buena Park	3,741	0	4,586	0	1,230	0	7,222	0	2,688	0	0	0	108,264	18,116	111.88
East Orange	0	0	0	0	0	0	0	0	0	0	0	0	48,120	0	48.66
El Toro	13,139	48,019	7,273	42,510	12,856	9,895	5,203	21,290	6,320	3,667	0	0	149,368	582,259	691.05
Fountain Valley	3,679	0	8,631	0	5,764	28,700	734	0	4,095	20,921	0	0	139,952	62,424	166.43
Garden Grove	11,504	0	4,487	0	0	0	0	0	0	0	0	0	287,921	117,403	435.07
Golden State	0	0	0	0	0	48,595	0	0	0	0	0	0	581,902	394,867	1,020.23
Huntington Beach	9,560	21,534	14,236	6,032	9,539	40,135	10,225	13,193	19,238	1,097	2,102	0	592,110	476,162	1,038.53
Irvine Ranch	231,483	46,725	86,893	61,037	55,346	203,014	23,465	30,267	14,662	18,545	0	2,329	1,510,939	3,476,460	4,587.01
La Habra	0	0	3,003	0	1,504	0	6,102	0	6,369	0	0	0	80,683	90,019	163.58
La Palma	0	0	0	0	0	0	0	0	0	0	0	0	15,141	59,760	71.71
Laguna Beach	3,059	0	589	0	0	0	1,217	0	0	0	0	0	76,887	48,788	131.07
Mesa Water	4,173	77,033	17,373	77,785	3,023	0	16,189	47,075	18,700	1,620	1,599	0	451,638	344,029	667.52
Moulton Niguel	220,749	0	98,271	0	106,574	0	81,778	18,951	24,164	184,371	2,419	3,510	1,767,250	3,043,376	4,573.10
Newport Beach	2,924	0	5,938	6,499	0	90,403	1,294	0	756	8,070	823	0	129,478	547,999	608.60
Orange	12,847	2,366	11,956	0	13,645	1,798	2,190	0	15,343	0	0	0	506,230	400,776	907.01
San Clemente	4,267	0	33,083	7,098	6,500	0	6,420	13,719	10,148	50,000	0	1,201	422,051	537,990	873.83
San Juan Capistrano	2,624	40,748	0	0	0	0	0	0	0	40,286	0	0	365,415	387,563	794.04
Santa Margarita	17,010	28,094	62,706	25,000	24,616	23,198	11,357	51,999	18,645	39,873	257	0	913,956	1,309,523	2,090.16
Seal Beach	1,234	0	752	0	0	0	996	0	780	3,962	0	0	39,900	20,377	56.35
Serrano	5,450	0	555	0	4,000	0	840	0	0	0	0	0	182,940	4,403	180.92
South Coast	14,967	0	13,319	7,806	7,574	0	25,465	50,879	2,817	66,624	0	0	360,923	582,890	881.19
Trabuco Canyon	1,465	0	4,788	0	1,536	0	4,752	49,533	1,520	0	1,130	0	75,807	160,245	202.21
Tustin	11,173	0	16,926	0	13,189	6,894	15,343	6,936	15,919	0	2,200	0	387,922	61,329	398.62
Westminster	11,112	0	10,033	0	5,924	0	1,962	0	1,237	0	0	0	116,141	58,533	159.77
Yorba Linda	19,420	0	9,529	3,696	12,590	12,020	7,773	0	1,090	0	0	0	534,166	145,403	642.83
MWDOC Totals	613,934	264,998	424,780	264,697	288,590	509,385	238,771	303,842	168,236	439,036	10,530	7,040	10,086,090	13,447,634	22,193.37

Anaheim	0	0	0	0	0	0	0	0	0	0			0	0	-
Fullerton	0	0	0	0	0	0	0	0	0	0			0	9,214	11.24
Santa Ana	0	0	0	0	0	0	0	0	0	0			0	0	-
Non-MWDOC Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	9,214	11.24

Orange County Totals	613,934	264,998	424,780	264,697	288,590	509,385	238,771	303,842	168,236	439,036	10,530	7,040	10,086,090	13,456,848	22,205
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[1] Installed device numbers are listed as square feet

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		FY21/22		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	Res	Comm.	
Brea	9	8	4	0	43	6	20	4	31	4	32	0	33	0	31	0	49	0	3	0	276	80	716.67
Buena Park	3	0	0	0	4	10	7	4	10	7	15	3	17	7	22	1	28	1	0	0	113	53	266.58
East Orange CWD RZ	2	0	0	0	2	0	1	0	11	1	6	0	1	0	1	0	5	0	0	0	38	1	42.94
El Toro WD	7	2	11	0	8	9	9	17	33	8	29	4	34	0	21	3	28	1	2	0	227	363	3,237.77
Fountain Valley	3	2	4	0	7	10	13	1	33	12	28	12	36	4	41	(2)	38	0	1	0	234	54	325.17
Garden Grove	5	2	9	0	10	14	13	11	28	0	27	2	36	3	31	0	23	0	3	0	218	43	288.83
Golden State WC	9	49	9	25	39	12	35	16	56	37	88	6	85	15	89	0	79	0	0	0	566	213	1,316.81
Huntington Beach	18	33	20	35	19	2	42	12	88	94	70	30	105	65	71	21	75	2	2	0	593	386	1,918.71
Irvine Ranch WD	414	135	71	59	67	310	239	207	344	420	416	78	379	105	292	146	1,300	104	30	1	4,156	2,719	17,080.17
La Habra	4	7	2	0	4	7	3	1	12	7	8	0	19	3	22	(2)	19	0	0	0	104	45	307.25
La Palma	1	0	2	0	2	0	3	2	1	0	5	0	7	0	6	0	14	0	1	0	43	2	14.49
Laguna Beach CWD	76	2	71	0	86	0	86	1	27	0	11	0	8	0	15	0	11	0	0	0	542	20	349.16
Mesa Water	10	2	15	2	17	28	36	12	149	41	49	0	34	55	31	3	30	2	1	0	463	214	1,222.28
Moulton Niguel WD	51	74	40	45	46	95	163	100	236	129	284	33	316	64	279	45	632	78	14	0	2,439	1,021	5,800.75
Newport Beach	242	26	168	75	11	9	28	43	30	12	24	0	21	0	11	32	16	12	3	0	1,113	453	3,645.01
Orange	20	24	13	9	18	31	51	13	69	10	61	13	93	26	99	15	95	2	0	0	633	221	1,446.65
San Juan Capistrano	14	18	6	11	6	19	20	8	22	8	23	5	20	1	24	9	17	0	0	0	306	140	963.02
San Clemente	26	7	28	2	28	24	26	3	37	13	38	41	36	0	35	16	36	30	1	25	1,197	486	3,725.02
Santa Margarita WD	53	171	64	93	53	321	189	136	326	221	273	220	222	37	223	31	226	176	9	0	2,107	1,836	9,486.98
Seal Beach	1	0	1	36	1	12	2	2,446	2	4	5	0	6	31	10	0	6	0	2	0	36	2,533	10,238.29
Serrano WD	1	0	0	0	4	0	11	2	4	0	8	0	10	0	9	0	13	0	0	0	78	2	27.55
South Coast WD	13	16	8	4	104	73	9	11	7	0	15	2	7	7	14	0	4	3	1	0	319	224	1,640.91
Trabuco Canyon WD	6	0	2	0	6	1	16	50	13	3	20	0	33	0	35	0	38	0	1	0	230	157	1,294.78
Tustin	8	4	9	1	18	14	33	8	33	23	27	1	37	0	40	0	52	0	2	0	301	81	539.28
Westminster	1	1	2	0	13	17	7	1	17	12	22	0	24	0	20	0	17	0	1	0	149	44	304.83
Yorba Linda	20	0	12	5	32	2	61	27	72	71	68	10	74	4	111	5	134	9	2	0	727	211	1,329.70
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	2,985	420	79	26	17,208	11,602	67,529.60
Anaheim	19	10	9	26	7	52	30	34	87	10	66	0	142	73	111	9	177	20	6	8	746	567	3,785.91
Fullerton	9	29	8	0	40	26	32	12	53	7	45	0	77	0	61	8	93	2	5	9	480	218	1,403.93
Santa Ana	8	19	7	8	9	27	22	26	15	3	16	0	24	20	19	129	34	0	1	0	176	249	787.00
Non-MWDOC Totals	36	58	24	34	56	105	84	72	155	20	127	0	243	93	191	146	304	22	12	17	1402	1034	5,976.83
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	3,289	442	91	43	18,610	12,636	73,506

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

Agency	FY 16/17			FY 17/18			FY 18/19			FY 19/20			FY 20/21			FY 21/22			Total Program			Cumulative Water Savings across all Fiscal Years
	Small		Large	Small		Large	Small		Large	Small		Large	Small		Large	Small		Large	Small		Large	
	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	
Brea	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	572	2,749	0	101.41
Buena Park	0	0	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	0	558	173	2,535	1,090.08
East Orange	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	781	0	0	30.00
El Toro	55	242	0	36	0	0	0	0	0	0	0	0	30	0	0	0	0	0	3,435	46,222	890	2,063.05
Fountain Valley	0	0	0	85	0	0	0	283	0	0	0	0	124	0	0	0	0	0	919	283	0	34.40
Garden Grove	55	98	0	52	0	0	0	0	0	72	0	0	0	0	0	0	0	0	1,057	299	0	51.50
Golden State	207	6,008	0	161	-495	0	35	259	0	63	0	0	50	0	0	0	0	0	3,757	11,080	0	468.71
Huntington Beach	149	3,362	0	-37	0	0	0	0	0	65	0	0	80	0	0	0	0	0	3,905	12,526	2,681	1,830.10
Irvine Ranch	335	9,511	0	356	-215	0	72	0	0	157	0	0	566	0	0	30	0	0	48,318	94,346	2,004	6,905.89
La Habra	0	0	0	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	512	1,236	900	484.36
La Palma	0	2,385	0	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89	2,890	0	73.82
Laguna Beach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,139	2,896	0	536.16
Mesa Water	113	0	0	36	0	0	0	0	0	50	0	0	0	0	0	0	0	0	2,116	385	343	266.00
Moulton Niguel	153	5,872	0	893	0	0	713	38	0	687	0	0	355	0	0	35	0	0	14,557	20,553	2,945	2,513.68
Newport Beach	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46,723	21,413	0	2,629.38
Orange	0	0	0	0	0	0	30	0	0	67	0	0	30	0	0	0	0	0	3,297	1,072	0	170.94
San Juan Capistrano	75	123	0	59	0	0	40	1,400	0	58	0	0	0	0	0	0	0	0	5,652	10,252	0	656.16
San Clemente	0	0	0	146	0	0	0	0	0	35	0	0	44	0	0	0	0	0	10,214	7,538	1,343	1,182.69
Santa Margarita	15	0	0	224	0	0	30	0	0	229	0	0	30	0	0	30	0	0	16,708	6,921	611	1,200.13
Seal Beach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	7,852	0	253.87
Serrano	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,405	0	0	139.60
South Coast	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8,130	18,870	0	890.74
Trabuco Canyon	0	4,339	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,086	5,130	0	236.37
Tustin	65	-341	0	30	0	0	47	0	0	55	0	0	30	0	0	0	0	0	3,533	1,058	0	182.25
Westminster	105	0	0	50	0	0	42	0	0	0	0	0	0	0	0	0	0	0	556	0	0	19.21
Yorba Linda	213	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	6,115	4,359	500	656.76
MWDOC Totals	1,556	31,599	0	2,199	-710	0	1,043	1,980	0	###	0	0	1,370	0	0	95	0	0	199,289	280,103	14,752	24,667.25

Anaheim	147	3,953	0	0	0	0	0	0	0	0	0	0	73	0	0	32	0	0	4,125	49,799	105	2,058.74
Fullerton	65	3,034	0	0	0	0	140	0	0	75	0	0	60	0	0	50	0	0	3,235	11,309	1,484	1,048.29
Santa Ana	0	1,106	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	893	5,752	0	225.97
Non-MWDOC Totals	212	8,093	0	0	0	0	140	0	0	109	0	0	133	0	0	82	0	0	8,253	66,860	1,589	3,333.00

Orange County Totals	1,768	39,692	0	2,199	-710	0	###	1,980	0	###	0	0	1,503	0	0	177	0	0	207,542	346,963	16,341	28,000.26
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RAIN BARRELS INSTALLED BY AGENCY
through MWDOC and Local Agency Conservation Programs

Agency	FY 16/17		FY 17/18		FY 18/19		FY 19/20		FY 20/21		FY 21/22		FY 22/23		Total Program		Cumulative Water Savings across all Fiscal Years
	Small		Small		Small		Small		Small		Small		Small		Small		
	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	Res	Comm.	
Brea	8	0	2	0	0	0	2	0	1	0	0	0	0	0	89	0	0.86
Buena Park	24	0	5	0	3	1	2	0	2	0	0	0	0	0	198	1	1.93
East Orange	0	0	0	0	0	0	1	0	4	0	0	0	0	0	44	0	0.40
El Toro	13	0	7	0	6	3	2	0	4	0	0	0	0	0	119	3	1.12
Fountain Valley	136	0	16	0	6	0	1	0	4	0	0	0	0	0	403	0	3.93
Garden Grove	38	0	17	0	5	0	11	0	7	0	4	0	0	0	369	0	3.46
Golden State	207	0	11	0	9	2	8	0	10	0	0	0	0	0	541	2	5.23
Huntington Beach	50	0	11	0	6	0	8	0	10	0	0	0	0	0	1,226	0	12.08
Irvine Ranch	82	0	24	0	19	1	9	0	27	0	2	0	0	0	1,063	1	10.20
La Habra	4	0	1	0	0	0	2	0	0	0	0	0	0	0	73	0	0.72
La Palma	4	0	0	0	0	0	0	0	0	0	2	0	0	0	10	0	0.08
Laguna Beach	7	0	1	0	1	0	10	0	0	0	0	0	0	0	450	0	4.43
Mesa Water	32	0	14	0	8	0	11	0	2	0	0	0	0	0	368	0	3.53
Moulton Niguel	63	0	12	0	12	0	5	0	2	0	0	0	0	0	429	0	4.16
Newport Beach	5	0	5	0	1	0	3	0	2	0	0	0	0	0	75	0	0.70
Orange	31	0	15	0	12	0	2	0	2	0	0	0	0	0	395	0	3.83
San Juan Capistrano	4	0	3	0	4	4	0	0	2	0	0	0	0	0	295	4	2.93
San Clemente	6	0	8	0	3	0	0	0	1	0	0	0	0	0	174	0	1.70
Santa Margarita	46	0	9	0	6	0	2	0	6	0	0	0	0	0	365	0	3.54
Seal Beach	4	0	2	0	2	0	-2	0	0	0	0	0	0	0	71	0	0.71
Serrano	8	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0.40
South Coast	14	0	3	0	1	0	0	0	0	0	0	0	0	0	184	0	1.83
Trabuco Canyon	2	0	1	0	0	0	0	0	1	0	0	0	0	0	59	0	0.58
Tustin	27	0	5	0	5	2	7	0	3	0	0	0	0	0	254	2	2.45
Westminster	63	0	23	0	13	0	16	0	27	0	0	0	0	0	273	0	2.30
Yorba Linda	18	0	0	0	3	0	0	0	4	0	0	0	0	0	235	0	2.30
MWDOC Totals	896	0	195	0	125	13	100	0	121	0	8	0	0	0	7,802	13	75.41

Anaheim	18	0	2	0	8	0	7	0	11	0	0	0	0	0	320	0	3.03
Fullerton	19	0	0	0	2	0	5	0	4	0	0	0	0	0	230	0	2.23
Santa Ana	31	0	2	0	0	0	7	0	6	0	0	0	0	0	254	0	2.44
Non-MWDOC Totals	68	0	4	0	10	0	19	0	21	0	0	0	0	0	804	0	7.70

Orange County Totals	964	0	199	0	135	13	119	0	142	0	8	0	0	0	8,606	13	83.11
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RECYCLED WATER ON-SITE RETROFIT PROGRAM

Number of Projects by Agency

Agency	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	Total	Cumulative Water Savings across all Fiscal Years
Brea	0	0	0	0	0	0	0	0	0	0	0.00
Buena Park	0	0	0	0	0	0	0	0	0	0	0.00
East Orange CWD RZ	0	0	0	0	0	0	0	0	0	0	0.00
El Toro WD	10	14	3	0	0	5	11	0	0	43	5,532.09
Fountain Valley	0	0	0	0	0	0	0	0	0	0	0.00
Garden Grove	0	0	0	0	0	0	0	0	0	0	0.00
Golden State WC	0	0	0	0	0	0	0	0	0	0	0.00
Huntington Beach	0	0	0	0	0	0	0	0	0	0	0.00
Irvine Ranch WD	0	3	3	2	1	1	0	0	0	10	1,201.84
Laguna Beach CWD	0	0	0	0	0	0	0	0	0	0	0.00
La Habra	0	0	0	0	0	0	0	0	0	0	0.00
La Palma	0	0	0	0	0	0	0	0	0	0	0.00
Mesa Water	0	0	0	1	0	0	0	0	0	1	155.28
Moulton Niguel WD	1	1	37	1	1	1	0	0	0	42	584.16
Newport Beach	0	0	1	0	0	0	0	0	0	1	666.71
Orange	0	0	0	0	0	0	0	0	0	0	0.00
San Juan Capistrano	0	0	0	4	2	0	1	0	0	7	151.84
San Clemente	1	16	6	0	0	0	0	0	0	23	4,073.40
Santa Margarita WD	0	17	14	4	0	0	0	0	0	35	2,271.08
Seal Beach	0	0	0	0	0	0	0	0	0	0	0.00
Serrano WD	0	0	0	0	0	0	0	0	0	0	0.00
South Coast WD	0	0	0	0	0	0	0	0	0	0	0.00
Trabuco Canyon WD	0	4	6	1	0	1	2	0	0	14	988.34
Tustin	0	0	1	0	0	0	0	0	0	1	1,247.72
Westminster	0	0	0	0	0	0	0	0	0	0	0.00
Yorba Linda WD	0	0	0	0	0	0	0	0	0	0	0.00
MWDOC Totals	12	55	71	13	4	8	14	0	0	177	16,872.45
Anaheim	0	0	0	0	1	0	0	0	0		150.22
Fullerton	0	0	0	0	0	0	0	0	0		0.00
Santa Ana	0	0	0	0	0	0	0	0	0		0.00
Non-MWDOC Totals	0	0	0	0	1	0	0	0	0	0	150.22
Orange County Totals	12	55	71	13	5	8	14	0	0	177	17,022.66

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



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

(Revised) AGENDA

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

September 2, 2021
8:30 a.m.

***Location: In Person Meeting at
26880 Aliso Viejo Parkway
Aliso Viejo, CA 92656***

***Teleconference Attendance:
+1 669 900 6833
ID: 831 5433 8454
PASSCODE: 462045***

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS MEETING EITHER IN PERSON OR VIA TELECONFERENCE. DUE TO COVID SOCIAL DISTANCING PUBLIC SEATING WILL BE LIMITED. MEMBER AGENCIES ARE REQUESTED TO LIMIT ATTENDANCE TO 1 ADDITIONAL STAFF OR REPRESENTATIVE IN ADDITION TO THE BOARD MEMBER OR ALTERNATE ASSIGNED TO ATTEND. THE PUBLIC AND ADDITIONAL ATTENDEES 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. 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.

(REVISED) AGENDA

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.

PAGE NO

4. CONSENT CALENDAR

A. Minutes of Board Meeting1

- Board of Directors Budget Workshop August 5, 2021

ACTION The Board will be requested to approve subject Minutes as submitted.

B. Minutes of Finance Committee Meeting 7

- Finance Committee Minutes June 15, 2021

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

C. Minutes of Engineering Committee Meeting10

1. Engineering Committee Minutes May 13, 2021
2. Engineering Committee Minutes June 10, 2021

ACTION The Board of Directors will be requested to receive and file subject Minutes as submitted

D. Minutes of Engineering Committee /PC 2 Committee Joint Meeting16

- Engineering Committee / PC 2 Joint Minutes July 13, 2021

ACTION The PC 2 Board will be requested to approve subject Minutes as submitted, and the Board of Directors will be requested to receive and file subject Minutes as submitted

E. Preliminary Financial Reports for the Fiscal Year Ended June 30, 202118

The reports included are as follows:

1. Summary of Disbursements for June 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)
- 6. Preliminary FY 2020-21 Fringe Pool and Fringe Rate (Exhibit E-5)

ACTION The Finance Committee recommends to the Board of Directors to ratify the June 2021 disbursements for the period from June 1, 2021, through June 30, 2021, totaling \$2,157,842 and to receive and file the June 2021 Financial Reports as submitted

F. Preliminary FY 2020-21 Cash Roll Forward as of June 30, 2021437

ACTION The Finance Committee recommends to the Board of Directors to receive and file the Fiscal Year 2020-21 Cash Roll Forward as submitted

G. Actuarial Valuation Report on Retiree Health Program as of December 31, 202052

ACTION The Finance Committee recommends to the Board of Directors to receive and file the report

H. Approval of PC 23 Budget Adjustment for Legal60

ACTION Information Item

I. PC 5 Budget Adjustment in the amount of \$24,00061

ACTION The PC 5 Member Agencies are requested to approve a budget adjustment in the amount of \$24,000 to cover staff costs related to NPDES permitting and to record a budget adjustment for these costs in the year end June 30, 2021 financials.

J. July 2021 Operations Reports62

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 July 2021 Operations Reports as submitted

K. Rockwell TechConnect Support Agreement Renewal (via OneSource Distributors, Inc. \$51,411.21 [Project Committee 2, 15, and 17] 105

ACTION Staff recommends the Board of Directors authorize the General Manager to execute the Rockwell TechConnect Support Agreement with OneSource Distributors, Inc. to renew SOCWA's SCADA system licenses in the amount of \$51,411.21

L. Capital Improvement Program Status Report 108

ACTION Information Item

M. Capital Improvement Program Project Financial Status Report
[Project Committees 2, 15, 17] 115

- ACTION The Engineering Committee recommends:
- to the PC-2 Board of Directors to approve Olsson Construction Change Orders 22 and 23 for \$510,256 for the JBL Package B Project; and
 - to the PC-15 Board of Directors to approve JR Filanc Change Orders 2 through 4 for \$24,649 for the CTP Export Sludge Force Main Replacement Project

N. Coastal Treatment Plant Export Sludge Force Main Replacement Project Services During Geotechnical Construction Change Order [Project Committees 15] 132

- ACTION The Engineering Committee recommends to the PC 15 Board of Directors to approve the Ninyo & Moore change order in the amount of \$43,166 for a total revised contract amount of \$108,956 for the geotechnical services during construction for the Coastal Treatment Plant Export Sludge Force Main Replacement Project

O. Resolution No. 2021-06 Resolution of Commendation to Keith Bacon 134

- ACTION Staff recommends to the Board of Directors to adopt Resolution No. 2021-06 and authorize Chairman Collings to sign the Commendation on behalf of the Board of Directors of the South Orange County Wastewater Authority

5. GENERAL MANAGER'S REPORTS

A. Small Capital JBL Digester Nos. 1 and 2 Manway Access Improvements
[Project Committee 2] 135

- ACTION SOCWA staff recommends:

1. Project Committee 2 establish a small capital project items budget of \$385,000 for Digester Nos. 1 and 2 Manway Access Improvements.
2. Project Committee 2 authorize the General Manager to award and execute contracts for the Digester Nos. 1 and 2 Manway Access Improvements Project for the four (4) work elements, including the Manway Cutouts, Manway Frames and Covers Fabrication, Manway Installation and Grouting, and Digester Internal Coating Repairs, as follows:
 - a) Manway Cutouts, Engineering Estimate \$24,000 each (\$48,000 total)
 - b) Manway Frames and Covers Fabrication, Engineering Estimate \$51,000 each (\$102,000 total)
 - c) Manway Installation and Grouting, Engineering Estimate \$105,000 each (\$210,000 total)
 - d) Digester Internal Coating Repairs, Engineering Estimate \$12,500 each (\$25,000 total)

B. Board Workshop 139

1. Report of Ad Hoc Committee on Wastewater Alternatives
2. General Counsels Reports
 - Update on JPA Revision Process
3. IRWD Update on Withdrawal Request & Presentation
 - Attachments submitted to SOCWA for consideration (IRWD will provide an overview of the proposal)
4. SOCWA General Counsel Comments

ACTION Information item; Comments / Discussion

C. General Manager's Status Report and Regional Updates 149

ACTION Information item, Board Q&A

D. SOCWA General Counsel / CASA Items of Interest for SOCWA (verbal report)

ACTION Information item, Board Q&A

6. CLOSED SESSION

- A. A Closed Session Conference with Legal Counsel Anticipated Litigation
 - Significant exposure to litigation pursuant to Government Code Section § 54956.9(d)(2): 1 matter

- B. Report out of Closed Session

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
OCTOBER 7, 2021

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

ENGINEERING COMMITTEE
TELECONFERENCE MEETING**

**September 9, 2021
8:30 a.m.**

Join Zoom Meeting by clicking on the link below:

<https://socwa.zoom.us/>

Meeting ID: 894 0207 2370
Passcode: 388311

One tap mobile

+16699006833,,89402072370#,,,,*388311# US (San Jose)
+12532158782,,89402072370#,,,,*388311# US (Tacoma)

Dial by your location

+1 669 900 6833 US (San Jose)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 301 715 8592 US (Washington DC)
+1 312 626 6799 US (Chicago)
+1 929 205 6099 US (New York)
Meeting ID: 894 0207 2370

Find your local number: <https://socwa.zoom.us/j/k926yISD>

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 **September 9, 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. 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. Operations Report

Recommended Action: Information Item

4. Use Audit Flow and Solids Methodology – Annual Update FY 2020-21

Recommended Action: Staff requests approval of the Use Audit calculated results for close of the Use Audit for disbursement or collection of additional funds in fiscal year 2020-21.

5. Capital Improvement Construction Projects Report

Recommended Action: Staff recommends that the Engineering Committee recommend to the PC-2 Board of Directors to approve Olsson Construction Change Orders 24 through 28 for \$104,554.

6. J.B. Latham Treatment Plant Package B Liquids Contingency [Project Committee 2]

Recommended Action: Staff recommends that the Engineering Committee recommend to the PC 2 Board of Directors to approve the addition of \$300,000 of contingency to the J.B. Latham Package B Liquids Project (3220-000) for a total Liquids contingency of \$916,800 and to increase the project budget by \$300,000 to \$3,150,000 for the 2021/22 FY.

7. Consequence of Failure Analysis Update [Project Committees 2, 15, and 17]

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.

Dated this 2nd day of September 2021.

A handwritten signature in black ink, appearing to read "B. Burnett", is positioned above a horizontal line.

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**

**September 21, 2021
10:30 a.m.**

Join Zoom Meeting by clicking on the link below:

Join Zoom Meeting
<https://socwa.zoom.us/>

Meeting ID: 881 6056 6963
Passcode: 881417

One tap mobile
+16699006833,,88160566963#,,,,*881417# US (San Jose)
+13462487799,,88160566963#,,,,*881417# 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)
+1 929 205 6099 US (New York)
+1 301 715 8592 US (Washington DC)
+1 312 626 6799 US (Chicago)

Find your local number: <https://socwa.zoom.us/j/kbnA0MxX2U>

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 **September 21, 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. 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

September 21, 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 August 17, 2021

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

4. Financial Reports for the Month of July 2021

The reports included are as follows:

- a. Summary of Disbursements for July 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 July 2021 disbursements for the period from July 1, 2021, through July 31, 2021, totaling \$6,771,917, and to receive and file the July 2021 Financial Reports as submitted.

5. Draft GASB 75, OPEB/Retiree Health, Report for the Fiscal Year Ended June 30, 2021

Recommended Action: Staff recommends to the Finance Committee to review the report as an information item prior to receipt of the Annual Financial Report and the Auditor's report on the Annual Financial Statements Audit.

September 21, 2021

6. **CalPERS Pension Plan and OPEB (Retiree Health) Unfunded Termination Liabilities Calculation for an Individual Agency-Draft Template and Assumptions**

Recommended Action: The Finance Committee to review and comment.

7. **Uniform Purchasing Policy and Procedure – Nondiscretionary Spending**

Recommended Action: The Finance Committee to review the Appendix 1 and Exhibit 2 and provide comments and recommendations for changes to the 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.

Dated this 15th day of August 2021.



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

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
September 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 this meeting via the Zoom Webinar application 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

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC PARTICIPATION/COMMENTS

At this time members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken.

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

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

NEXT RESOLUTION NO. 2115

ACTION ITEM

1. H.R. 4712 (LEVIN) – DESALINATION DEVELOPMENT ACT

Recommendation: Staff recommends the Board of Directors vote to adopt a Support position on H.R. 4712 (Levin).

2. H.R. 3684 (DEFAZIO) – INFRASTRUCTURE INVESTMENT AND JOBS ACT

Recommendation: Staff recommends the Board of Directors vote to adopt a Support position on H.R. 3684 (DeFazio).

PRESENTATION/DISCUSSION ITEMS

3. 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.

4. 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.

5. DISCUSSION OF COLORADO RIVER ISSUES

- a. Status on Salinity Control – Sarah Tucker
- b. Colorado River Shortage Declaration

Recommendation: Review and discuss the information presented.

INFORMATION ITEMS

6. 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 Review of Equal Employment Opportunity Policies and Practices
- c. MET's Integrated Resources Plan Update
- d. MET's Water Supply Conditions
- e. Colorado River Issues
- f. Delta Conveyance Activities and State Water Project Issues

Recommendation: Review and discuss the information presented.

7. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summary regarding August MET Board Meeting
- b. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

CLOSED SESSION

8. CONFERENCE WITH LABOR NEGOTIATORS

District Designated Representatives: Joseph Byrne, Legal Counsel
Unrepresented Employee: General Manager
Government Code Section 54957.6

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
PLANNING & OPERATIONS COMMITTEE
September 7, 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

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. ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) REGION 10 ELECTION
2. APPROVAL OF THE COUNTY OF ORANGE JOINT AGREEMENT FOR THE 800MHZ COUNTYWIDE COORDINATED COMMUNICATIONS SYSTEM

DISCUSSION ITEMS

3. UPDATE ON COVID-19 (ORAL REPORT)
4. DISCUSSION REGARDING DROUGHT CONDITIONS, ACTIVITIES, AND PUBLIC MESSAGING

INFORMATION ITEMS (The following items are for informational purposes only – background information is included in the packet. Discussion is not necessary unless requested by a Director.)

5. MWDOC LEGISLATIVE POLICY PRINCIPLES ANNUAL UPDATE
6. LOCAL LEGISLATIVE ACTIVITIES
 - a. County Legislative Report (Lewis)
 - b. Legal and Regulatory Report (Ackerman)
7. METROPOLITAN'S ASSESSED VALUATION FOR MWDOC AND ORANGE COUNTY FOR FISCAL YEAR 2021-22
8. OC WATER SUMMIT UPDATE
9. SEPTEMBER 30TH WATER POLICY DINNER FEATURING METROPOLITAN GM ADEL HAGEKHALIL
10. UPDATE REGARDING CHOICE SCHOOL PROGRAM
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.

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

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(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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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)

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PRESENTATION

1. OTHER POST-EMPLOYMENT BENEFITS TRUST & PENSION RATE
STABILIZATION PROGRAM (PRSP) TRUST CLIENT REVIEW

PROPOSED BOARD CONSENT CALENDAR ITEMS

2. TREASURER'S REPORT
 - a. Revenue/Cash Receipt Report – August 2021
 - b. Disbursement Approval Report for the month of September 2021
 - c. Disbursement Ratification Report for the month of August 2021
 - d. GM Approved Disbursement Report for the month of August 2021
 - e. Consolidated Summary of Cash and Investment – July 2021
 - f. OPEB and Pension Trust Fund monthly statement
3. FINANCIAL REPORT
 - a. Combined Financial Statements and Budget Comparative for the Period Ending July 31, 2021

DISCUSSION/INFORMATION ITEM (to be presented to the Water Facilities Corporation Board for action on September 15, 2021)

4. MWDOC WATER FACILITIES CORPORATION ANNUAL MEETING
 - a. 2021 Annual Filing of Tax Compliance Reports for the MWDOC Water Facilities Corporation
 - b. Annual Reorganization of Board Officers for the MWDOC Water Facilities Corporation

ACTION ITEMS

5. RATIFICATION OF ATTENDANCE AT URBAN WATER INSTITUTE CONFERENCE, SEPTEMBER 8-9, 2021, COSTA MESA
6. RATIFICATION FOR EMERGENCY EXPENSE

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.)

7. SOLE SOURCE CONTRACT WITH ACCO RE AIR HANDLING CONTRACT
8. INFORMATION RE UPDATED CENSUS DATA/MWDOC DIVISION BOUNDARIES
9. DEPARTMENT ACTIVITIES REPORTS
 - a. Administration
 - b. Finance and Information Technology
10. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

OTHER ITEMS

11. 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.

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REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
AND ANNUAL MEETING OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
WATER FACILITIES CORPORATION
18700 Ward Street, Fountain Valley, California
September 15, 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:

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

Telephone Audio: (669) 900 9128 fees may apply
(877) 853 5247 Toll-free

Webinar ID: 882 866 5300#

AGENDA

MOMENT OF SILENCE

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS/PARTICIPATION

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

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

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

EMPLOYEE SERVICE AWARDS

MWDOC WATER FACILITIES CORPORATION AGENDA ITEMS

WFC-1 FINANCIAL REPORT

- a. Annual Filing of Tax Compliance Reports.

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

WFC-2 REORGANIZATION OF MWDOC WFC BOARD OFFICERS

Recommendation: Consider reorganizing the MWDOC WFC Board officers

ADJOURNMENT -- END MWDOC WFC AGENDA

MWDOC AGENDA

NEXT RESOLUTION NO. 2115

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. August 4, 2021 Workshop Board Meeting
- b. August 13, 2021 Special Board Meeting
- c. August 18, 2021 Regular Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: August 2, 2021
- b. Administration & Finance Committee Meeting: August 11, 2021
- c. Executive Committee Meeting: August 19, 2021

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of August 31, 2021
- b. MWDOC Disbursement Registers (August/September)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report
(Cash and Investment report) as of July 31, 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 July 31, 2021

Recommendation: Receive and file as presented.

5. RATIFICATION OF ATTENDANCE AT URBAN WATER INSTITUTE CONFERENCE, SEPTEMBER 8-9, 2021, COSTA MESA

Recommendation: Ratify attendance by Directors and such members of District staff as approved by the General Manager, at the Urban Water Institute Conference held September 8-9, 2021 in Costa Mesa.

6. RATIFICATION FOR EMERGENCY EXPENSE

Recommendation: Ratify the General Manager entering in to a software agreement with CrowdStrike for managed monitoring of all endpoints for \$42,562.32.

7. ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) REGION 10 ELECTION

Recommendation: Authorize President Tamaribuchi, or his designee, to cast the District's ballot for the Nominating Committee's Recommended Slate of candidates for the ACWA Region 10 Board of Directors election.

8. APPROVAL OF THE COUNTY OF ORANGE JOINT AGREEMENT FOR THE 800MHZ COUNTYWIDE COORDINATED COMMUNICATIONS SYSTEM

Recommendation: Approve the General Manager or Director of Emergency Management to execute and to sign the re-written Joint Agreement for the Operation, Maintenance, and Financial Management of the Orange County 800 Megahertz Countywide Coordinated Communications System.

End Consent Calendar

ACTION CALENDAR

9-1 ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) COMMITTEE CONSIDERATION FOR 2022/23

Recommendation: Determine which directors and staff would like to serve on Association of California Water Agencies (ACWA) committees for 2022/23, and direct staff to submit completed Committee Consideration Forms by the September 30 deadline.

9-2 CONSIDERATION OF AMENDMENTS TO GENERAL MANAGER CONTRACT

Recommendation: Discuss the General Manager's Employment Agreement and take action as appropriate.

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, SEPTEMBER 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

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GENERAL MANAGER'S REPORT OF STAFF ACTIVITIES SEPTEMBER 2021

MWDOC Agencies Managers Meeting

MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on August 19, 2021.

In attendance were: M. McGee – Buena Park, D. Youngblood – EOCWD, D. Cafferty – ETWD, M. Dunbar – Emerald Bay SD, M. Sprague & H. Jin Lee – Fountain Valley, C. Pasillas – Garden Grove, P. Cook & P. Weghorst – IRWD, K. Van Der Maaten – Laguna Beach CWD, J. Chavira – La Palma, P. Shoenberger – Mesa WD, L. Rocha & K. Young – Moulton Niguel WD, S. Catron – Newport Beach, A. Hutchinson – Orange County WD, D. Rebensdorf – San Clemente, E. Bauman – San Juan Capistrano, D. Ferons & J. Leach – Santa Margarita WD, G. Pennington, C. Newton & T. Kjolsing – South Coast WD, F. Paludi – Trabuco Canyon WD, M. Grisso – Tustin, S. Miller & J. Ngo – Westminster, R. Weston & D. Davert – Yorba Linda WD.

Staff in attendance were: R. Hunter, H. De La Torre, A. Heide, C. Lingad, C. Busslinger, V. Osborn, M. Baum-Haley, J. Berg, K. Hostert, R. Waite, H. Baez, T. Baca, T. Victoria (CDR), D. Diep (CDR)

Information/Discussion Items:

1. MWDOC Orange County Boundary Review and Approval
2. Presentation by Debra Diep, CDR
3. MWDOC Board Draft Agendas 2-3. MWDOC's Role and Mission – Status Update
4. Metropolitan Water Supply Update and declaration of
5. "Condition 2 – Water Supply Alert"
6. Orange County Drought Messaging Discussion
7. AMWA Update to Env. Working Group's Tap Water Database

The next meeting will tentatively be held on September 16, 2021.

Meetings

- MWDOC staff and ABS Consulting, IDS Group, and Optima RPM participated in several construction progress meetings in August regarding the admin building seismic retrofit and remodel. Weekly progress meetings will continue through the completion of the project.
- Charles Busslinger and Chris Lingad hosted an AMP Participants meeting on August 19, 2021, to discuss the upcoming working group planning meetings for the AMP Prestressed Concrete Cylinder Pipe (PCCP) Program, as well as some of MWDOC's continuing responsibilities for monitoring AMP flow capacities.
- Rob Hunter, Charles Busslinger, and Chris Lingad met with EOCWD and MET on August 9, 2021, to discuss the results of the OC-70 meter testing.
- Chris Lingad, Rachel Waite, and Sam Fetter attended a meeting with several of MWDOC's member agencies and MET on August 17, 2021, to discuss a

Meetings - continued	<p>new project MET is pursuing to map recycled water within MWDOC's service area.</p> <ul style="list-style-type: none"> Charles Busslinger and Chris Lingad hosted a meeting of the AMP Participants on August 19, 2021, to discuss upcoming working group planning meetings for the AMP Prestressed Concrete Cylinder Pipe (PCCP) Rehabilitation Program, as well as some of MWDOC's continuing responsibilities for monitoring flow capacities for the AMP.
ENGINEERING & PLANNING	
Economic Benefit Studies and Modeling Work to Quantify the Benefits of Local Projects in the Context of MET's 2020 Integrated Resources Plan (IRP)	<p>MWDOC staff is working with the Brattle Group and CDM Smith on the Economic Benefits Studies and modeling work.</p> <p>Wallace Walrod, the economist for Orange County Business Council and sub-consultant for the Brattle Group, leads the business survey portion of the economic benefit studies. The business survey instrument has been completed. Cal State University, Fullerton's Social Science Research Center (CSUF)'s Institutional Review Board has reviewed and approved the survey. CSUF is currently conducting the business survey.</p> <p>At the recommendation of some of our agencies, staff also developed messaging regarding the survey to provide member agencies to display on their websites if they choose to do so.</p> <p>The current schedule anticipates completing the survey of 400 Orange County businesses by October 2021 and completing the economic studies report by November 2021.</p>
OC-70 Meter Testing Update	<p>MWDOC staff continues to work with staff from MET and EOCWD on finalizing the investigation of the accuracy of the billing meter at Service Connection OC-70. Final testing for the OC-70 meter at the Utah Water Research Lab (UWRL) has been completed, and the results were sent to MET.</p> <p>MET provided a summary presentation of the OC-70 meter accuracy results to MWDOC and EOCWD on August 9, 2021, where MET reported that the OC-70 service connection meter is over registering by 5%. MET confirmed that reimbursement is due to MWDOC and EOCWD but has been unable to identify the exact source of the error. MET has indicated they are now making a 5% adjustment to all future meter reads at OC-70 to compensate for the metering error. MET will continue to investigate the source of the error and, when operational feasible for EOCWD, will shut down OC-70 to do an internal 3D scan of the inside dimensions of the venturi meter as one final possible source of the error.</p> <p>MET is currently working on a final report of the meter error and the proposed retroactive billing adjustment. Once the final report is received, MWDOC will work with EOCWD to review MET's proposed adjustment.</p>
Doheny Ocean Desalination Project	<p>South Coast Water District (SCWD) continues to develop the Doheny Ocean Desalination Project. SCWD is currently working through multiple due diligence items to move the project forward, including; permitting, plant sizing and siting, financing, and project delivery method. SCWD anticipates having all necessary</p>

Doheny Ocean Desalination Project – continued	<p>permits by the end of the 1st Quarter of 2022 and estimates an online date of early 2026 if approved by the SCWD Board.</p> <p>On July 22, 2021, SCWD conducted its 7th workshop on the SCWD Integrated Water Resources Plan (IWRP). Included in that plan was considering a strategy for various options for the Doheny Ocean Desalination Project. The SCWD Board approved an adaptive management strategy that includes efforts to secure partners for a 5 MGD Doheny Ocean Desalination Project. If SCWD is unsuccessful in securing partners, SCWD will construct a smaller 2 MGD project that does not have future expansion capabilities.</p> <p>SCWD is scheduled to hold a Special Board Meeting on September 2, 2021, to discuss the financial implications of the project. Staff will provide a recap once the meeting is completed.</p>
Strand Ranch Project	<p>IRWD presented the Strand Ranch project at the July MWDOC Agencies Managers Meeting. A follow-up meeting was held with agencies to provide more information to interested agencies on August 30, 2021.</p>
Poseidon Resources Huntington Beach Ocean Desalination Project	<p>On April 29, 2021, the Santa Ana Regional Water Quality Control Board (SARWQCB) conditionally renewed Poseidon's permit governing the seawater intake and waste discharges. The SARWQCB order requires Poseidon to minimize negative impacts on marine life by directing them to undertake a series of mitigation measures and prohibiting the intake of seawater and the discharge of concentrated brine until certain conditions are met.</p> <p>To comply with the plan's requirements, Poseidon agreed to install fine mesh, wedge wire screens on the plant's intake pipe and affix a diffuser to its discharge structure to reduce marine mortality and impacts of the brine effluent to the ocean. Poseidon also agreed to expand its mitigation plans at the Bolsa Chica Wetlands to achieve 59.2 acres of mitigation credit and create an artificial reef offshore of Palos Verdes to restore the rocky reef habitat buried by recent landslides for an additional 41.3 acres of mitigation credits.</p> <p>To incentivize Poseidon to implement the mitigation measures as quickly as possible, the order prohibits the facility from intaking seawater and discharging return water into the ocean until they have completed several permit requirements to the satisfaction of the SARWQCB, including; developing cost estimates, timeline estimates, and completing 60 percent design plans for the mitigation projects.</p> <p>The next step for Poseidon includes seeking permits from the California Coastal Commission (CCC), anticipated to occur later this year.</p>
Shutdowns	<p>Orange County Feeder</p> <p>MET is planning to reline and replace valves in a section of the Orange County Feeder from Bristol Ave to Corona Del Mar – this is the last section of this 80-year-old pipeline to be lined.</p> <p>MET has further delayed the relining project and has proposed new shutdown dates of September 15, 2022, through June 15, 2023.</p>

Shutdowns – continued	<p>Orange County Feeder Extension</p> <p>MET plans to reline 300-linear feet of the OC Feeder extension affecting the City of Newport Beach, IRWD, and LBCWD. MWDOC and the City are meeting with MET staff to review details of the Traffic Control Plan.</p> <p>MET has delayed the relining project by one year and has proposed new shutdown dates of June 16, 2023, through July 10, 2023.</p> <p>Orange County Reservoir (OC Feeder)</p> <p>MET plans to decommission the Orange County Reservoir from November 1, 2021, through November 6, 2021. This work will affect the cities of Brea and La Habra.</p> <p>Lake Mathews Facility Shutdown</p> <p>MET is planning rehabilitation work on Lake Mathews facilities from March 1, 2022, through March 10, 2022. Work on Lake Mathews will affect untreated downstream lines. During the shutdown, the following agencies will be affected: OCWD, YLWD, Serrano WD, IRWD, TCWD, ETWD, SMWD, MNWD, and the City of San Clemente.</p> <p>Allen-McColloch Pipeline</p> <p>MET has completed 50% of the preliminary design of the AMP PCCP rehabilitation and is expected to be complete with the design by 2023. Preliminary design work currently underway includes identifying priority reaches, developing access locations, conducting geotechnical assessments, modeling a surge analysis, conducting real property assessments, identify permitting requirements, and developing a feeder isolation plan. A draft project schedule will be developed at the completion of the preliminary design. Rehabilitation of individual reaches will be based on the ongoing condition assessments, priorities, and shutdown schedules.</p> <p>Staff will be setting up a working group in September 2021 with MET and the impacted AMP agencies to coordinate the shutdown planning.</p>
<h2 style="margin: 0;">MET ITEMS CRITICAL TO ORANGE COUNTY</h2>	
MET Finance and Rate Issues	<p><u>Current Update</u></p> <p>Water Transactions for June 2021 totaled 153.8 thousand acre-feet (TAF), which was 7.6 TAF higher than the budget of 146.2 TAF. This translates to \$139.9 million in revenues for June 2021, which were \$9.2 million lower than the budget of \$149.1 million.</p> <p>Year-to-date water transactions through June 2021 were 1,574.0 TAF, which was 26.0 TAF lower than the budget of 1,600.0 TAF. Year-to-date water transactions through June 2021 were \$1,404.7 million, which was \$39.8 million lower than the budget of \$1,444.5 million.</p> <p>On June 4, 2021, TD Bank, N.A., replaced the existing Standby Bond Purchase Agreement (SBPA) for the \$82,905,000, Special Variable Rate Water Revenue Refunding Bonds, 2016 Series B-1 and B-2, and the \$90,070,000 Special Variable</p>

MET Finance and Rate Issues – continued	<p>Rate Water Revenue Refunding Bonds, 2018 Series A-1 and A-2 (“The Bonds”). On June 4, 2021, TD Securities (USA) LLC will be the remarketing agent for The Bonds.</p> <p>On June 16, 2021, Metropolitan issued \$221,600,000, Variable Rate Subordinate Water Revenue Refunding Bonds, 2021 Series A (Federally Taxable). Bond proceeds refunded the \$175,000,000, Subordinate Water Revenue Bonds, 2016 Authorization, Series A; \$46,800,000, Short-Term Revenue Refunding Certificates, 2019 Series A; and funded issuance costs. An SBPA will support the 2021 Series A bonds with Bank of America (BofA), N.A., and BofA Securities will serve as remarketing agent for the bonds.</p> <p>On June 30, 2021, Metropolitan issued \$35,645,000, Index Notes (Taxable and New Money), Subseries B-3 (“the Index Notes”), evidencing a \$35,645,000 draw made by Metropolitan under the RBC Short-Term Revolving Credit Facility for purposes of refunding \$35,645,000, Subordinate Water Revenue Refunding Bonds, 2017 Series B, callable on July 1, 2021. The Index Notes mature on June 29, 2022, but are expected to be refunded from proceeds of the Water Revenue Refunding Bonds, 2021 Series B, to be issued in July 2021.</p> <p>Metropolitan staff prudently manages the investment of Metropolitan's funds in accordance with policy guidelines and liquidity considerations. As of June 30, 2021, Metropolitan's investment portfolio balance was \$1,476.9 million.</p>
MET Review of Equal Employment Opportunity Policies and Practices	<p>In December 2020, the Shaw Law Group (Firm) began a board-directed independent review of allegations of systemic Equal Employment Opportunity-related discrimination, harassment, and retaliation, and related concerns. In July 2021, the Firm presented its observations and recommendations during a special meeting of the Organization, Personnel, and Technology (OP&T) Committee. This agenda item allows directors to discuss the Firm's recommendations, adopt the Firm's recommendations as proposed or with modifications, and direct Metropolitan staff to implement any recommendations accepted by the Board.</p> <p>On August 17, the Metropolitan Board approved having the Equal Employment Opportunity (EEO) Officer report to the General Manager and having the EEO Officer and General Manager develop a Shaw Report implementation program and budget for review and approval by the OP&T Committee and Board and report monthly to the OP&T Committee on implementation progress. It authorized an increase in the maximum amount payable to the Shaw Law Group by \$25,000, to a maximum payable of \$575,000.</p>
MET Integrated Resources Plan Update	<p>The next Integrated Water Resources Plan (IRP) Committee meeting will be held on September 28.</p> <p>Upcoming steps will include Metropolitan staff working with Member Agencies to develop portfolio action options. The proposed portfolios (Supply Categories and Elements) and a draft Adaptive Management Plan is anticipated to return to the Board for feedback in September. This Board feedback and policy discussion will help to refine the portfolio actions and the Adaptive Management Plan.</p> <p>Below is the current proposed schedule:</p>

MET Integrated Resources Plan Update - continued

Month	Member Agency Collaboration	IRP Board Committee
JUL	• Portfolio Approach	• Portfolio Approach
AUG	• Determine Portfolio Actions • Mix of Supply Categories and Elements • Identify Signposts • Adaptive Management Strategy	
SEP	• Draft Adaptive Management Plan • Mix of Supply Categories and Elements	• Portfolio Recommendation • Discuss Policy Implications • Review of Adaptive Management Strategy • Feedback on approach
Public Workshop – Focus on Portfolios		
OCT	• Follow-up Items • As needed	• Finalize Portfolios and Adaptive Management Strategy
NOV	• Review Draft IRP	• Review Draft IRP
DEC		• Adopt IRP

At the July 27 Integrated Water Resources Plan (IRP) Committee meeting, the Metropolitan staff presentation reviewed the key scenario assumption refinements and discussed the portfolio planning approach.

Key Scenario Assumptions

The scenario assumptions were refined through the interactions with the expert panels and Member Agency technical feedback. The gap analyses and subsequent portfolios will be based on the refined input assumptions. The key scenario assumption refinements are noted below:

PRELIMINARY	REFINED
<ul style="list-style-type: none"> • Climate migration support for high growth • Generalized rebound assumptions • Approximated scenario driver impacts to local supplies using economic conditions and professional judgement • Imported supply assumptions used recent USBR/DWR modeling with scenario considerations 	<ul style="list-style-type: none"> • CCSCE's demographic forecasts • Rebound is a result of driver impacts: structural and behavioral • Incorporated feedback from climate change experts and member agency engagement groups for local supplies • Utilized expert input to identify climate impacts on imported watersheds

Portfolio Planning

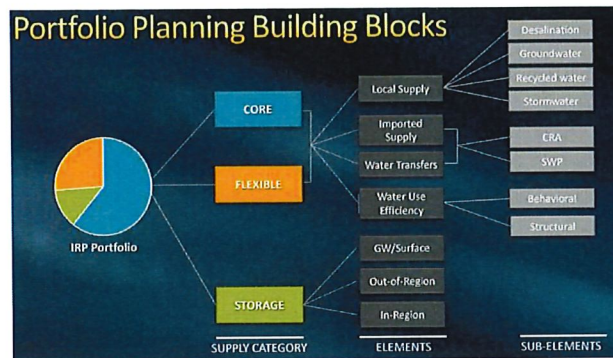
The portfolio planning approach begins with the assessment of categories of investments at a high level. A portfolio is the result of a set of investments and actions to meet given objectives over a period of time. It consists of existing supplies and programs and future investments or actions. For the 2020 IRP, water reliability has been identified as a primary goal, and the time frame is 25 years to 2045.

Three portfolio planning categories are identified: Core Supply, Flexible Supply, and Storage. A *core supply* is generally available and used every year to meet demands under normal conditions. It has a high level of reliability and value if used often. Otherwise, it is expensive. A *flexible supply* is implemented on an as-needed basis and may or may not be available for use each year. It would be considered expensive if used too much or too often, resulting in better value if only used occasionally. *Storage* is the capability to save water supplies to meet demands at a later time. It is the means to convert a core supply into a flexible supply, thereby evening out variability in supply and demand. The portfolio planning categories can be broken into building blocks, as illustrated below.

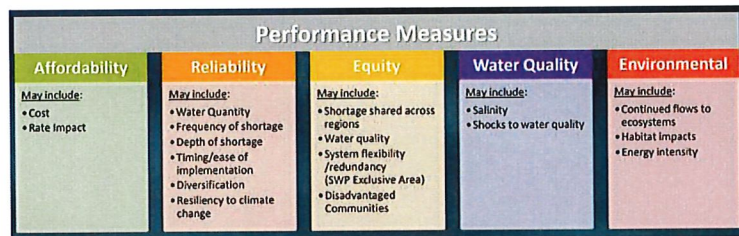
Additionally, a successful portfolio will address reliability challenges, such as areas of the system that are constrained to only State Water Project water and may need a combination of all three categories.

MET Integrated Resources Plan Update – continued

The portfolio modeling incorporates Metropolitan's Water Surplus and Drought Management (WSDM) Plan, taking into account the programs, facilities, and operations that are currently in place. Considerations include WSDM actions; put and take capabilities, total storage capacities; and distribution system constraints such as area only served by SWP water.



The portfolio building approach will first identify the desired supply category mix for each scenario and iteratively test the supply category mix to confirm that it addresses the reliability goal. Next, elements and sub-elements within each supply category will be decided on. Finally, the portfolios will be evaluated based on set performance measures. Performance measures can pertain to evaluating portfolios and future specific actions.



More information and background on Metropolitan's IRP can be found at:
<http://www.mwdwatertomorrow.com/IRP/index.html>

MET's Water Supply Conditions

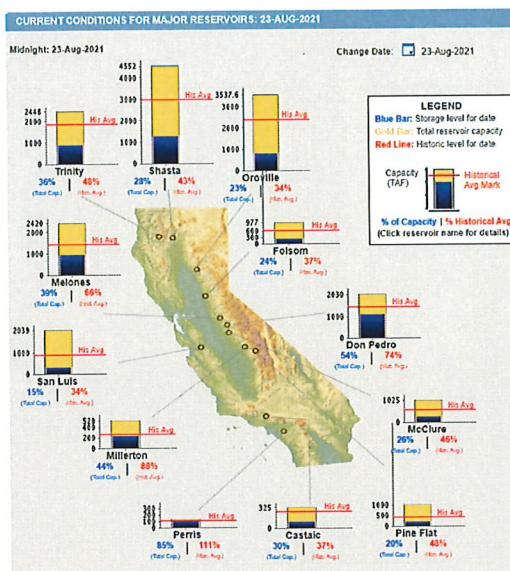
The 2020-21 Water Year (2020-21 WY) officially started on October 1, 2020. Thus far, the Northern California accumulated precipitation (8-Station Index) reports **23.2 inches or 47% of normal** as of August 23rd. For 2020-21 WY, the Northern Sierra Snow Water Equivalent peaked at **20.2 inches on March 24th**, which is **71% of normal** for that day. Due to the below-average precipitation/snowfall in 2020-21 WY, the Department of Water Resources (DWR) has set the State Water Project (SWP) **"Table A" allocation at 5%**. This allocation provides Metropolitan with approximately **96,575 AF in SWP deliveries this water year**. DWR's SWP Allocation considers several factors: existing storage in SWP, conservation reservoirs, SWP operational, regulatory constraints, and the 2021 contractor demands. A Table A allocation of 5% is tied for the lowest allocation dating back to 1968. The last time DWR had a Table A Allocation of 5% was in 2014.

The Upper Colorado River Basin accumulated precipitation reports 23.6 inches or 82% of normal as of August 23rd. The Upper Colorado River Basin Snow Water Equivalent reported **16.4 inches as of April 1st**, which is **86% of normal** for that day. Due to the below-average precipitation/snowfall in 2020-21 WY, the United States

MET's Water Supply Conditions – continued

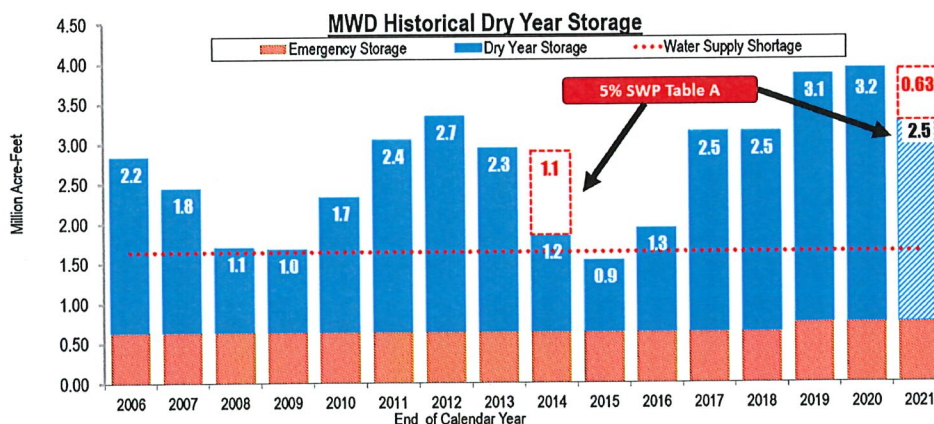
Bureau of Reclamation **declared a shortage at Lake Mead starting January 1st, 2022**. There is and a 97% chance of shortage continuing in 2023.

As of August 23rd, Lake Oroville storage is at **23% of total capacity and 34% of normal**. As of August 23rd, San Luis Reservoir has a current volume of **15% of the reservoir's total capacity and is 34% of normal**.



With estimated total demands and losses of 1.78 million acre-feet (MAF) and a 5% SWP Table A Allocation, Metropolitan is projecting that demands will exceed supply levels in Calendar Year (CY) 2021. Based on this, the estimated total dry-year storage for Metropolitan at the end of **CY 2021 will go down to approximately 2.5 MAF**.

A projected dry-year storage supply of **2.5 MAF will be the fourth-highest amount for Metropolitan, a very impressive accomplishment given that the last two years have been exceptionally dry in Northern California**. A large factor in maintaining a high water storage level is lower than expected water demands. We are seeing regional water demands reaching a 38-year low.



MET's Water Supply Conditions - continued	<p style="text-align: center;">SWP Historical Annual Table A Allocation</p> <p>The chart displays the annual allocation percentage for Supplemental Water Project (SWP) Table A from 1962 to 2021. The y-axis represents the 'SWP Table Allocation %' from 0% to 100%. The x-axis lists the years. Allocation is consistently at or near 100% from 1962 to 1976. In 1977, it drops to approximately 90%. From 1978 to 1990, it remains at 100%. In 1991, it drops to about 30%. It then fluctuates, with a significant drop to around 20% in 1992, followed by a recovery to 100% by 1994. It remains at 100% until 1999. From 2000 onwards, the allocation is generally lower, with a peak of about 95% in 2005 and a low of approximately 10% in 2014. The 2021 allocation is shown as a hatched bar at approximately 10%.</p>
Colorado River Issues	<p>Delivery of Supplemental Water to Lake Powell Under Upper Basin Drought Contingency Plan</p> <p>The U.S. Bureau of Reclamation (Reclamation) made additional releases from three reservoirs in the Upper Basin in the amount of 181,000 acre-feet pursuant to the terms in the Drought Response Operations Agreement (DROA), part of the Upper Basin's Colorado River Drought Contingency Plan. The additional releases are expected to augment Lake Powell's elevation by approximately three feet. In consultation with the Upper Division States, Reclamation found that the additional releases should be made after the July 24-Month Study showed that unregulated inflow had decreased 2.5 million acre-feet in the six months between January and July 2021. The current forecast for the water year 2021 is for total inflow into Lake Powell of just 3.23 million acre-feet, 30 percent of the thirty-year average. Further, five-year projections predict a 79 percent chance that Lake Powell will fall below the DROA target elevation of 3,525 feet within the following year. That elevation provides a thirty-five-foot buffer above the elevation of 3,490 feet, the minimum power pool at Glen Canyon Dam. In a statement that accompanied the additional DROA releases, Reclamation stated its commitment to reducing the collective risk of Lake Powell and Lake Mead falling to critical elevations.</p>
Delta Conveyance Activities and State Water Project Issues	<p>Delta Conveyance</p> <p>The California Department of Water Resources (DWR) continues to develop an Environmental Impact Report (EIR) under the California Environmental Quality Act. DWR conducted the first of four technical webinars to inform the public and interested stakeholders about the current progress related to preparing the Draft EIR. The first webinar on July 14 provided public information on the State Water Project and Delta Conveyance operations. More information regarding the webinars is available on DWR's website: https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/Delta-Conveyance/Public-Information/DCP_EJSurvey-Report-5-28-2021_Final_508.pdf.</p> <p>Joint Powers Authorities</p> <p>During the July 15, 2021, Delta Conveyance Design and Construction Authority (DCA) Board of Directors Meeting, the board approved an initial budget adjustment for fiscal year (FY) 2021/22. The budget change increased the adopted FY 2021/22 budget from \$21.5 million to \$23.5 million using funds remaining from the last fiscal</p>

<p>Delta Conveyance Activities and State Water Project Issues – continued</p>	<p>year. The Delta Conveyance Finance Authority regularly scheduled July meeting was canceled.</p> <p>Regulatory Activities</p> <p>Metropolitan staff continued to participate in the collaborative groups called for in the 2019 Biological Opinions for the State Water Project (SWP) and Central Valley Project, and in the 2020 Incidental Take Permit (ITP) for Long-term Operation of the SWP, to address science needs and inform management and operation of the water projects. In July, Metropolitan staff continued work with state and federal agencies to develop a Juvenile Production Estimate for Spring run Chinook salmon as a condition as required by the ITP. Current efforts are focused on developing a problem statement through focused discussions on what triggered the problem, why a decision must be made, and why the decision matters. These discussions are to ensure that the multiple state, federal, and water agencies participating in this effort all agree on why we need to develop a monitoring program to estimate juvenile production of spring-run and agree on what the goals and objectives of this effort are before working on the details of a monitoring program. In August 2021, a final version of the problem statement will be circulated to the group for approval.</p> <p>Sites Reservoir</p> <p>In July meetings, the Sites Project Authority Board (Authority Board) and the Sites Reservoir Committee (Reservoir Committee) authorized the release of the Revised Draft EIR/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) as soon as the document is ready, including authorizing the Executive Director to file a Notice of Completion with the State Clearinghouse and complete other noticing requirements to initiate the public review process.</p> <p>Science Activities</p> <p>Metropolitan staff continued collaboration with the State Water Contractors (SWC) Science Program. On July 15, the SWC released its FY 2020/21 Science Report highlighting the importance of investing in research to provide California more reliable water supply while protecting, restoring, and enhancing the Sacramento-San Joaquin Bay-Delta ecosystem.</p> <p>Metropolitan staff also continued participating in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team (CAMT). At the July 20 meeting, CAMT discussions focused on the potential roles and responsibilities of a proposed Delta smelt science program manager that would assist CAMT with the interface between the investigators who generate the science and the managers who use the science. CAMT also discussed a possible approach to develop recommendations regarding Delta monitoring needs.</p> <p>Metropolitan staff is leading a CSAMP effort to collaboratively develop a scientific definition of salmon recovery, expressed as a suite of clear, measurable objectives and landscape-level quantitative targets. Metropolitan staff is planning and participating in a series of technical workshops with experts in salmonid ecology to develop this definition. Some of the outcomes of those workshops include: (1) the decision to use the viable salmonid population (VSP) concept as a base for establishing objectives for recovery of salmonids in a broad sense; (2) identification of four parameters that are key to evaluating population viability status -- abundance, population growth rate, spatial population structure, and diversity; (3) agreement that</p>
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Delta Conveyance Activities and State Water Project Issues - continued	<p>goals to recover salmon should go beyond delisting of the species and include supporting long-term harvest; (4) that goals should be distinguished between fish of hatchery and non-hatchery origins; and (5) that the group consensus on these goals is desired. The workshop participants will reconvene in October 2021 to review, complete, and finalize these objectives.</p> <p>UC Davis researchers completed a study funded by Metropolitan to develop methods for identifying the sources of important zooplankton food for juvenile Chinook salmon. The researchers analyzed the feasibility of using genomic sequencing, a laboratory procedure that determines the unique DNA fingerprint of an organism, to identify which floodplains are the source of <i>Daphnia pulex</i> (<i>D. pulex</i>), which is an important zooplankton food resource for juvenile Chinook Salmon. They observed that <i>D. pulex</i> from the Butte, Knaggs, and Cosumnes basins have a genetic signature that is distinctive and clearly differentiated from one another. These results could ultimately be applied to quantify the production and export of fish food generated in off-channel habitats, such as floodplains, and evaluate how the fish food moves through the system under various management actions such as habitat restoration and pulse flows, managed agricultural floodplains, and other actions.</p> <p>Metropolitan staff also participated in other collaborative Delta science forums to provide input to work plans and studies, including the Delta Independent Science Board and the Delta Science Program Science Actions Workshop to develop the 2022-2026 Science Action Agenda.</p>
<h2 style="text-align: center;">EMERGENCY PREPAREDNESS</h2>	
COVID-19 (Corona Virus) Coordination	<ul style="list-style-type: none"> • WEROC continues to monitor the CDC, State, and County for changing information and is sharing information with agencies. • Current data in Orange County showed COVID-19 cases have continued to rise in Orange County and that unvaccinated individuals continue to be six times more likely to become infected with COVID-19 than those who are fully vaccinated. • At the time of this report, Between July 28 and August 5, Orange County experienced an increase in the seven-day average case rate, from 10.2 to 15.7 per 100,000 people, with the average number of daily COVID-19 cases rising from 328 to 507. The positivity rate increased from 5.5 to 7.9 percent, hospitalizations from 236 to 454 per day, and ICU admissions from 56 to 69 per day. Between August 10 and August 17, the seven-day average case rate jumped from 19.4 to 21.1 per 100,000 people, with the average number of daily COVID-19 cases rising from 627 to 681. The positivity rate decreased slightly from 8.3 to 8.1 percent; hospitalizations increased from 495 to 568 per day, and ICU admissions from 91 to 119 per day. • The Orange County Health Officer, in concurrence with the State Health Officer, strongly recommends everyone to continue taking the following precautions to limit the risk of catching or spreading COVID-19 and to protect those who are most at risk of contracting COVID-19, particularly the elderly and those with underlying health conditions: <ul style="list-style-type: none"> ○ Regardless of your vaccination status, wear a mask if you're indoors

COVID-19 (Corona Virus) Coordination – continued	<ul style="list-style-type: none"> ○ Avoid crowded areas and events, especially those that are indoors. ○ Maintain physical distancing in poorly ventilated areas. ○ Wash your hands and use hand sanitizer regularly. ○ Get tested if you are exposed to or experience symptoms of COVID-19 ● On August 18, the California Department of Public Health issued several updates to its Beyond the Blueprint guidance for Industry and Business sectors: ● Applied vaccine verification or negative testing requirements to Indoor Mega Events involving 1,000 or more participants. ● Removed self-attestation as a mode for both vaccine verification and for verification of negative COVID-19 test for indoor events scheduled after September 20, 2021. ● Extended date for requirements and recommendations to remain in place to November 1, 2021. ● WEROC continues to hold bi-weekly conference calls on Tuesdays with member agencies, as requested by the agencies, to continue to share information. WEROC is providing updated information as received. ● WEROC continues to support agencies with COVID-19 related questions and guidance needs. ● On 8/11, WEROC sent a survey out at the request of a couple of agencies to see what other agencies are doing regarding mask requirements and discussion about mandating vaccinations. ● Vicki participates in the CalOSHA Standards Board ETS 3205 Subcommittee meetings, making changes to the 3205 standards. At this time, permanent recommendations are slated to be released in December 2021. However, in the interim, on August 25th, CalOSHA issued a press release, encouraging employers and workers to follow the updated CDPH Guidance recommending face coverings indoors regardless of vaccination status. While this contradicts the current ETS 3295 guidance, OSHA cannot just change the verbiage as they only have one more time to update the current emergency standard in place in accordance with the law (which allows three times total). Therefore, they issued a press release instead of strongly encouraging people to follow the CDPH guidance.
August Incidents/ Events	<ul style="list-style-type: none"> ● WEROC coordinated with the OCIAC and two member agencies on an identified vulnerability during August. One Agency required more response from state and federal resources to resolve the issue. WEROC assisted with incident coordination on actions items. ● CalWarn Activation and Coordination for the Dixie Fire. CalWarn Region 3 has been coordinating mutual aid requests for personnel and equipment resources to assist the area's water and waste water agencies. All requests have been filled with agencies in Northern California. If the situation changes, we will share information with CalWarn agencies to assist as required. WEROC continues to monitor this event and the other fire in Northern California. At this time, WEROC is only

August Incidents/ Events - continued	watching as requests are still be fulfilled by our Northern California partners
Coordination/ Participation With Member Agencies And Outside Agencies	<ul style="list-style-type: none"> On 8/3, Vicki participated in the OA call specific to Mutual Aid and the COVID response. Good discussion on the challenges with getting this agreement thru both state and federal agencies. What the county learned will benefit water and wastewater future responses where infrastructure is impacted, and coordination is required under the WEROC agreement. On 8/4, Vicki participated and provided feedback to OC Sanitation District After Action Report Meeting in follow-up to the Interplant Pipeline Exercise held in April. Vicki was an exercise evaluator for this event. On 8/7, Vicki and Janine attended the monthly OCEMO (Orange County Emergency Management Organization) meeting. Topics of discussion were focused on training and exercise and the upcoming National Preparedness Month Activities. On 8/8, Vicki attended the WACO meeting and provided a WEROC update. The speaker for this group was the Orange County Fire Authority and YLWD regarding fire preparedness and their activities. On 8/12, Vicki attended the Orange County Operational Area Executive Board Meeting as the Water and Wastewater Mutual Aid Coordinator. Vicki provided a water and wastewater activity report to the group. Topics of interest included; Unified County of Orange and Orange County Operational Area Emergency Operations Plan updates, Mutual Aid updates, OCIAC Update, Technology Systems Update, and the OA Manager Report. On 8/17, Vicki attended the CalWarn Monthly Board Meeting as the Region 1 Chair. Topics of interest included discussion on supply chain impacts, coordination of mutual aid resources to the Dixie Fire, updating of the Mutual Aid processes and plans. On 8/18, Vicki coordinated with the County regarding the County 800 MHz Joint Radio Agreement to clarify information contained within the agreement, process, and funding in regards to questions received from agencies during the WEROC coordination call on 8/17 On 8/19, Vicki attended the MWDOC Managers Meeting. On 8/23, Vicki attended the meeting with the County Executive Officer regarding the WEROC EOC Funding with Director Megan Yoo-Schneider, Director Dick Ackerman, GM Rob Hunter, CEO Frank Kim, CEO Government & Community Relations Director Jessica Witt, and MWDOC Governmental Affairs Manager Thank you to MWDOC Government Affairs for assisting with the coordination of the meeting and MWDOC Public Affair with the design of the WEROC Briefing Flyer. WEROC and MWDOC Governmental Affairs will be working on the next steps with scheduling the County Board of Supervisors Meetings. On 8/24, Vicki WUSMA (WATER UTILITY SAFETY MANAGERS' ASSOCIATION) Meeting. Topics from the meeting included lone worker safety, wildland fire smoke advisory protocols.

Coordination/ Participation With Member Agencies And Outside Agencies – continued	<ul style="list-style-type: none"> On 8/26 and 8/27, Vicki and Janine attended the PSPS Partner Portal Training provided by San Diego Gas and Electric related to the changes requiring implementation by 9/1 in accordance with CPUC regulations. On 8/27, Vicki attended the County of Orange Logistics Tabletop Exercise/Workshop focusing on processes, procurement, and coordination. Based on her past work in Logistics when she was at the county, Vicki was invited to build on processes for working with the OA Water and Wastewater Coordinator. Daniels continues to share cyber information received from the OCIAC and DHS with member agencies.
America's Water Infrastructure Act (AWIA) Project	<ul style="list-style-type: none"> WEROC and its consultant, Herndon Solutions Group (HSG), continue to work with WEROC agencies to comply with America's Water Infrastructure Act (AWIA). Tier II agencies all submitted their Emergency Response Plans due June 30, 2021. Tier III agencies all submitted their RRAs due June 30, 2021. The last phase for Tier III ERPs is in process and is due December 31, 2021. The final phases of this project continue to progress without issue. During August, one change order of scope of work was submitted and approved for an agency's Emergency Response Plan work being performed.
Other Planning Efforts	<ul style="list-style-type: none"> Daniel completed the final draft of the MWDOC Cyber Plan. This plan is currently with MWDOC IT for review. The WEROC Public Safety Power Shutoff Standard Operating Procedures are being updated to match the changes to the Utilities Partner Portal requirements implemented effective September 1st. WEROC Smoke Advisory protocols are being updated to make changes issued by AQMD processes. Other Coordination topics discussed and planning efforts outside of COVID conducted on the Bi-Weekly coronation calls included: <ul style="list-style-type: none"> Supply Chain Issues Cyber Drought Communications and Coordination Training PSPS Protocols Mutual Aid and Logistics
Emergency Operations Center Readiness And Systems	<ul style="list-style-type: none"> Daniel continues ongoing maintenance of the EOC systems to ensure WEROC maintains the operational function for the EOC. In August, this included: <ul style="list-style-type: none"> Fixing the AV System at the South EOC On 8/24, Daniel met with the Orange County Fire Authority Inspector at the South EOC. No violations or fines were issued

Emergency Operations Center Readiness And Systems – continued	<ul style="list-style-type: none"> ○ On 8/25, the annual Fire Extinguisher inspection and recertification was performed for the north and south EOC fire extinguishers ○ In August, Daniel had the old UHF WEROC handhelds re-programmed to be backup OA 1 EOC radios
Training and Exercises	<ul style="list-style-type: none"> • Vicki conducted the following training. Thank you to Yorba Linda Water District for hosting and providing a location for the training: <ul style="list-style-type: none"> ○ G611M - EOC Management Section Overview ○ G611O – EOC Operations Section Overview • Unfortunately, in concurrence with the member agencies, the following courses which were to be conducted in-person have been postponed due to COVID: <ul style="list-style-type: none"> ○ G611P – EOC Planning Section Overview ○ G611F – EOC Finance Section Overview ○ G611L – EOC Logistics Section Overview ○ ICS 300 – Intermediate Incident Command System • Vicki offered virtual EOC or ICS training to any member agency. Member agencies indicated they want these courses in person and not virtually so staff can obtain the full benefits of these course. For a state-certified course, there needs to be a six-week notification period. They will be rescheduled at a later date. • WEROC is providing information on free Cyber Training being offered in September by EPA and the OCIAC. • Daniel completed and graduated from the National Emergency Management Advanced Academy (NEMAA). This is national offered class targets California representatives from Federal, State, City, County, Local, Tribal, and Territorial Governments, along with Emergency Managers from Higher Education, DOD, Private Sector, American Red Cross, Public Health, and Volunteers.
WATER USE EFFICIENCY	
Water Data Collaborative Meeting	<p>On August 10, Rachel Waite attended the Water Data Collaborative meeting hosted by San Antonio Water System (SAWS). This meeting aims for data analysts across the country to discuss and share topical water use efficiency projects, analyses, and information. Discussion items included cooling tower efficiency, water softeners, and upcoming projects/analyses.</p> <p>The next meeting will be scheduled for a date in November.</p>

North OC Integrated Regional Watershed Management (IRWM) Ad Hoc Committee Meeting	<p>On August 10 and September 2, Rachel W. attended the North OC IRWM Ad Hoc Committee meetings. The purpose of the Ad Hoc is to complete specific work products on behalf of the North OC IRWM Stakeholder group, which includes reviewing the procedure for prioritizing and selecting projects in preparation for the Proposition 1 Round 2 project selection process. The Ad Hoc is made up of staff from the following stakeholders: Orange County Public Works, Orange County Parks, MWDOC, Orange County Water District, Orange County Sanitation District, Irvine Ranch Water District, and the City of Santa Ana. Topics on the agendas included:</p> <ul style="list-style-type: none"> • Revised goal weights • Comparison of approaches to revise the strategy scoring and weights • Selection of approaches to revise the strategy scoring and weights • Next steps <p>The recommendations from the Ad Hoc Committee will be presented to the North OC IRWM Stakeholders at a future date.</p>
Project Agreement (PA) 22 Advisory Workgroup Meeting	<p>On August 16, Rachel W. attended the PA 22 Advisory Workgroup meeting, hosted by Santa Ana Watershed Project Authority (SAWPA). Staff from MWDOC and the SAWPA member agencies attended the meeting. Topics on the agenda included:</p> <ul style="list-style-type: none"> • SARCCUP Water Use Efficiency Invoices • Prop 1 Enhanced Decision Support Tool Update • SARCCUP Water Budget Assistance Project Update • September Committee Meeting <p>The next meeting is scheduled for September 20.</p>
Recycled Water GIS Mapping Meeting	<p>On August 17, Rachel W. and Sam Fetter attended a Recycled Water GIS Mapping meeting hosted by Metropolitan. This meeting discussed how Metropolitan could support expanded participation by Orange County water suppliers in Metropolitan programs focused on recycled water, such as the On-Site Retrofit Program. Orange County retailer and Metropolitan staff discussed a potential mapping program led by Metropolitan.</p> <p>A follow-up meeting is scheduled for September 22.</p>
Alliance for Water Efficiency (AWE) Research Committee Meeting	<p>On August 18, Rachel W. attended the AWE Research Committee meeting. Staff from more than 30 agencies across the United States and Canada attended the meeting. Topics on the agenda included:</p> <ul style="list-style-type: none"> • Research Committee Activity • Research Committee Work Plan for 2021 • AWE Project Updates • Evaporative Cooler Water Use • CalWEP Research and Evaluation Committee Update • Committee Member Research Activity Updates <p>The next meeting is tentatively scheduled for October 5.</p>

CalWEP Research and Evaluation Committee Meeting	<p>On August 18, Joe Berg and Rachel W. attended the CalWEP Research and Evaluation Committee meeting. Staff from numerous water agencies across the state attended the meeting. Topics on the agenda included:</p> <ul style="list-style-type: none"> • CUWCC's Feasibly Tool for Dedicated Irrigation Meters • Drought Studies Highlights • Drought Roundtable • AWE Research Committee Updates • Committee Member Research Activity Updates and Share Out <p>The next meeting is scheduled for November 10.</p>
Metropolitan Water Use Efficiency Coordinator Workgroup Meeting	<p>On August 19, Joe, Rachel W., Rachel Davis, Beth Fahl, Andrea Antony-Morr, and Sam participated in Metropolitan's Water Use Efficiency Workgroup meeting. Topics on the agenda included:</p> <ul style="list-style-type: none"> • Conservation Board Report • Water Supply Alert Presentation • External Affairs Update • New Launched SoCal Gas/Metropolitan Incentive Program: Multi-Family Vended Washer Rebates <p>The next Workgroup meeting is scheduled for September 23.</p>
California Water Efficiency Partnership (CalWEP) Program Committee Meeting	<p>On August 19, Andrea participated in the CalWEP Program Committee meeting. Topics on the agenda included:</p> <ul style="list-style-type: none"> • CalWEP Updates <ul style="list-style-type: none"> ○ Fall Plenary ○ QWEL for CalWEP Members ○ Tracking Tool - CA Version Update ○ Jumpstart Water Shortage (Drought) Toolkit: • Leak Detection Certification Training • Drought Programs • Task Force Updates <ul style="list-style-type: none"> ○ Landscape ○ AMI ○ CII • Announcements <p>The next meeting is scheduled for October 21.</p>
Department of Water Resources (DWR) Outdoor Water Use Stakeholder Meeting	<p>On August 25, Joe, Rachel W., Beth, Andrea, and Sam attended the DWR Outdoor Water Use Stakeholder meeting concerning the Conservation Framework. This meeting was the fourth meeting of the technical workgroup on Standards, Methodologies, and Performance Measures to inform the development of the outdoor water use standard recommendation. DWR Staff and the technical team shared analysis results to address and respond to stakeholder feedback on the outdoor standard. Topics on the agenda included:</p> <ul style="list-style-type: none"> • Overview of the Legislative Background and Approach <ul style="list-style-type: none"> ○ Legislative Background and MWELO Principles ○ Proposed Provisional Standard ○ Stakeholders Feedback Received to Date

Department of Water Resources (DWR) Outdoor Water Use Stakeholder Meeting – continued	<ul style="list-style-type: none"> ○ Update on LAM Data Revisions • Review of analysis results in response to stakeholder feedback provided at previous meetings <ul style="list-style-type: none"> ○ Buffer Revisited ○ Merits for Buffer Cap ○ Questions and Comments ○ Land Cover Type ○ Ramping Down the Standard ○ Questions and Comments • Next Steps for Outdoor Standards <p>A follow-up meeting on this topic is not currently scheduled.</p>
One Water One Watershed (OWOW) Proposition 1 Round 2 Webinar	<p>On August 26, Rachel W. attended the OWOW Proposition 1 Round 2 webinar, which provided information to stakeholders on the Proposition 1 Round 2 process. Topics discussed included:</p> <ul style="list-style-type: none"> • Available grant funding from Proposition 1 Round 2 IRWM and the schedule for the OWOW Call for Projects • Possible updates to the Round 2 ranking criteria that would be used to score Round 2 project proposals • Summary of the feedback we've received so far from past workshops and the OWOW Steering Committee regarding Round 2 ranking criteria • In-depth background on the state's Disadvantaged Community criteria and GIS mapping tool • Highlights of other upcoming grant programs to be managed by the Department of Water Resources • Input from stakeholders <p>A follow-up meeting is anticipated in the future but is not currently scheduled.</p>
Metropolitan Water Use Efficiency Program Advisory Committee (PAC) Meeting	<p>On September 1, Rachel W. attended the Metropolitan Water Use Efficiency PAC Meeting. Topics on the agenda included:</p> <ul style="list-style-type: none"> • Dedicated Irrigation Meters – Recommendation Review • Minimum Device Quantity for Rotating Nozzle Rebates • AWE Rachio Program Compatibility with SCWS Rebates • Cooling Towers <ul style="list-style-type: none"> ○ AWE Model ○ Newer technologies • Two-tiered Large Landscape Surveys <ul style="list-style-type: none"> ○ In-person vs. virtual inspections • Devices/Technologies Roundtable <p>The next meeting will be scheduled for a date in December.</p>
MWDOC Water Use Efficiency Workgroup Meeting	<p>On September 2, Joe, Steve Hedges, Rachel W., Rachel D., Beth, Andrea, and Sam hosted MWDOC's Water Use Efficiency Workgroup meeting. Topics on the agenda included:</p> <ul style="list-style-type: none"> • MWDOC Updates • Program Solving Roundtable • Metropolitan Update

MWDOC Water Use Efficiency Workgroup Meeting – continued	<ul style="list-style-type: none"> ○ Conservation Board Report ○ Water Supply Alert • Drought Messaging <ul style="list-style-type: none"> ○ Drought and Our Programs ○ Developing a Regional Message • Conservation as a California Way of Life <ul style="list-style-type: none"> ○ Water Use Efficiency Standards Update ○ Dedicated Irrigation Meter Measurements Project ○ DWR Monthly Water Loss Webinar • Water Use Efficiency Updates <ul style="list-style-type: none"> ○ Addenda Follow Up ○ Program Activity Update ○ Grant Funding Update ○ PAC Update • CalWEP Update <p>The next Workgroup meeting is scheduled for October 7.</p>
<h2 style="margin: 0;">PUBLIC/GOVERNMENT AFFAIRS</h2>	
Member Agency Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Attended Orange County Water District's webinar "How Today's Drought Conditions Affect Southern California." • Hosted a Drought Messaging and Outreach workshop for the MWDOC Public Affairs Workgroup • Prepared and distributed a Drought Messaging and Outreach survey to gather information from MWDOC member agencies related to agency drought priorities • Met with Trabuco Canyon Water District staff to discuss public outreach efforts • Presented at Mesa Water's Board Meeting on drought messaging and outreach • Produced, printed, and delivered member agency bill inserts to promote the following rebate programs: turf removal, spray-to-drip irrigation, rain barrels/cisterns, and weather-based irrigation timers <p>Government Affairs Staff:</p> <ul style="list-style-type: none"> • Participated in the OC Met Managers meeting • Circulated the DWR survey to assess the needs and readiness of prospective grant applicants for the funding forthcoming DWR Urban and Multibenefit Drought Relief program to all member agencies • Coordinated with the Water Loss Control staff and sent out a save the date notice to member agencies inviting them to a grants program update at the following Water Loss Control Working Group meeting
Community Relations	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Prepared and distributed the August 2021 eCurrents newsletter

Community Relations – continued	<ul style="list-style-type: none"> • Met with OC Stormwater to discuss potential partnership opportunities for water education resources • Created MWDOC Water Awareness Poster Contest flyer for 2022 contest <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Attended the ACC-OC Energy, Environment, and Water Committee meeting
Education	<p>Public Affairs Staff</p> <ul style="list-style-type: none"> • Participated in a meeting with BAY WORK and IEWorks to discuss regional collaboration on Career Technical Education (CTE) programs • Hosted meetings with MWDOC Choice School Program contractors, Orange County Department of Education's Inside the Outdoors and Shows That Teach to discuss lesson plans and activities for the upcoming school year • Attended in the Metropolitan Water District of Southern California's (Metropolitan) Education Coordinator's meeting • Participated in the California Environmental Literacy Initiative Green Career Innovation Hub bi-weekly meeting • Participated in a meeting with Tomorrow's Talent to discuss workforce pathway opportunities • Sent each MWDOC Choice School Program participating agency list of eligible schools in their respective service areas for edits and approval • Worked with Orange County Department of Education's Inside the Outdoors (OCDE's ITO) on scripts for groundwater video projects in partnership with Metropolitan Water District of Southern California • Finalized water education videos with Hashtag Pinpoint to be used for MWDOC Scouts program resources and other water education opportunities • Provided information to City of Anaheim regarding Boeing Grant opportunity awarded to OCDE's ITO • Provided information to Elsinore Valley Municipal Water District regarding MWDOC Choice School Program student and family resources • Provided Irvine Ranch Water District with information regarding a request from a teacher for water education programs • Hosted one water workshop with Metropolitan and Alison Loukeh & Associates, "Get in the Water: CTE Careers with a future" for high school science teachers
Special Projects	<p>Public Affairs Staff:</p> <ul style="list-style-type: none"> • Presented on drought outreach efforts at the Metropolitan Water District of Southern California's (Metropolitan) Public Information Officers meeting • Participated in the OC Water Summit committee meeting • Attended Metropolitan's Public Information Officer working group on their drought outreach efforts • Met with Metropolitan staff to discuss Water-Energy Education Alliance progress • Prepared and distributed first invite to the MWDOC Water Policy Dinner on September 30 at the Westin South Coast Plaza featuring Adel Hagekhalil, General Manager and Chief Executive Officer, the Metropolitan Water District of Southern California

Special Projects – continued	<ul style="list-style-type: none"> • Coordinated event logistics with The Westin South Coast Plaza Hotel for the MWDOC Water Policy Dinner on September 30 • Accepted ongoing registration and completed a variety of event logistics for the MWDOC Water Policy Dinner on September 30 • Created a brand-new briefing paper highlighting the value and impact of the Water Emergency Response Organization of Orange County <p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Staffed the ISDOC Quarterly Luncheon meeting • Staffed the ISDOC Executive Committee meeting • Along with Tina Dubuque, coordinated new ISDOC Associate Member request to join applications • Staffed the WACO monthly meeting • Invited Tim Quinn to speak at the September WACO meeting • Staffed the WACO Planning Committee meeting • Along with Director Yoo Schneider and Vicki Osborn, met with the CEO and Assistant CEO for the County of Orange to discuss funding for the WEROC EOC • Working with Charles Busslinger, met with CDR's Deborah Diep to discuss redistricting
Legislative Affairs	<p>Governmental Affairs Staff:</p> <ul style="list-style-type: none"> • Participated in the Metropolitan Member Agency, Legislative Coordinators call • Along with Directors Seckel and McVicker, met with Senator Tom Umberg to discuss regional budget requests for drought and additional recycled water funding, along with our conservation efforts • Participated in the ACWA Federal Affairs Committee Infrastructure Working Group • Drafted a letter of support for community organizations to send to the County Board of Supervisors in support of funding for the WEROC EOC • With Vicki Osborn, drafted talking points and agenda for a meeting with County CEO Frank Kim and Assistant CEO Jessica Witt • Attended the CMUA Regulatory Committee meeting • Participated in the CSDA Legislative Committee meeting • Attended the Southern California Water Coalition Legislative Task Force meeting • Participated in the ACWA State Legislative Committee special meeting re: SB 222 (Dodd) • Coordinated with staff from Metropolitan to obtain signatures on a coalition letter seeking drought funding from the state for Southern California • Attended the ACWA Region 10 State Legislative Committee pre-meeting call • Participated in the regular meeting of the ACWA State Legislative Committee



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

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/81482372449>

Meeting ID: **814 8237 2449**
Passcode: **563659**
Dial-in option: (669) 900-9128

WHEN: Thursday, September 16, 2021 from **10:30 am to 12:00 pm.**

DRAFT AGENDA

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

Page #/Link

2. General Meeting Information/Discussion Items:

- 2-1. MWDOC Draft Agendas ([Link](#))
- 2-2. MWDOC's Role and Mission: Status Update
- 2-3. MET Rate Refinement: Demand Management Funding Mechanism ([Link](#))
- 2-4. Annual Update to Legislative Policy Principles ([Link](#))
- 2-5. Reliably Study Update
- 2-6. Dedicated Irrigation Meter Area Measurement Project
- 2-7. Drought Update

3. Report Items:

- 3-1. Monthly GM Report ([Link](#))
- 3-2. Legislative Reports ([Link](#))
- 3-3. WEROC Matrix ([Link](#))
- 3-4. Grant Funding Opportunities ([Link](#))

4. Announcements:

- 4-1. Water Policy DinnerSeptember 30, 2021

5. Next meeting will tentatively be held October 21, 2021.

LOCAL AGENCY FORMATION COMMISSION ORANGE COUNTY

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

STRATEGIC PLANNING WORKSHOP AGENDA

Wednesday, September 8, 2021
8:00 a.m. to 1:30 p.m.

IMPORTANT NOTICE REGARDING THE SEPTEMBER 8, 2021 STRATEGIC PLANNING WORKSHOP

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. Participation by Commissioners and staff will be from remote locations. The public may access the Workshop telephonically by dialing in at (669) 900-6833, Meeting ID: 749 015 0502, Passcode: 4449519. Notwithstanding recent Executive Order N-08-21, members of the public may not attend this meeting in person.

Submission of Public Comments:

For those wishing to submit public comments at the September 8, 2021 Strategic Planning Workshop, comments must be submitted by email to the Commission Clerk at ccarter-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 Strategic Planning Workshop in order to be accepted. Public comments submitted in accordance with these guidelines shall become part of the record of the Strategic Planning Workshop. Public comments received after the commencement of the workshop 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 Strategic Planning Workshop, 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.

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 OC LAFCO website at <http://oclafco.org>.

**ORANGE COUNTY LOCAL AGENCY FORMATION COMMISSION
(LAFCO)
STRATEGIC PLANNING WORKSHOP
Wednesday, September 8, 2021 on Zoom
Telephone Link for the Public: (669) 900-6833
Meeting ID: 749 015 0502, Passcode: 4449519**

- 8:00am** **Welcome and Public Comment –Douglass Davert, LAFCO Chair**
- Purpose of the Workshop and Introduction of the Facilitator and Recorder – Carolyn Emery, Executive Officer**
- Role of the Facilitator, Recorder and Group; Strategic Planning Elements; Agenda – Marilyn Snider, Facilitator – Snider and Associates**
- Introductions of the Participants**
- Develop a Mission Statement (one sentence that states why Orange County LAFCO Exists and for whom)**
- What are the Strengths and Accomplishments of Orange County LAFCO in the Past Year?**
- What Are the Orange County LAFCO’s Current Internal Weaknesses/Challenges?**
- What Are the External Factors/Trends (e.g., economic, political, technological, social, environmental) that Will/Might Have an Impact on Orange County LAFCO in the Next Three Years:**
- **Positively (opportunities)?**
 - **Negatively (threats)?**
- Identify Three-Year Goals (what Orange County LAFCO needs to accomplish)**
- Identify Six-Month Strategic Objectives (how the goals will be addressed – by when, who will be accountable, for what specific, measurable results) for Each of the Three-Year Goals**
- Next Steps/Follow-Up Process to Monitor Progress on the Goals and Objectives (including setting a date within 6 months to update the strategic plan)**
- Summary of the Workshop and Closing Remarks**
- 1:30pm** **Adjourn**



Executive Committee Meeting

Tuesday, September 7, 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

Executive Committee

President

Hon. Mark Monin
El Toro Water District

1st Vice President

Hon. Arlene Schafer
Costa Mesa Sanitary District

2nd Vice President

Hon. Bob McVicker
*Municipal Water District
Orange County*

3rd 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 August 3, 2021 meeting.

III. Public Comments on items not on the agenda- 7:40 am

IV. New Business – 7:45 am

- Update and discussion on ISDOC website, Duties
- Discussion on important events at the CSDA Conference
- Potential Associate Member Review and Approval

V. Old Business – 8:00 am

- ISDOC Newsletter

VI. Treasurer's Report – 8:05 am – Director Green

- Report of accounts

VII. CSDA Report – 8:10 am – Director Schafer

- 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
- Membership - Director McVicker
- Legislative – Director Jones

XIII. Adjourn – 8:40 am



ISDOC Quarterly Meeting (Virtual Meeting via Zoom)

July 29, 2021

Minutes

I. Call to Order

- President Mark Monin called the meeting to order at 11:31 a.m. He thanked staff for their assistance—remarking that it was very much appreciated. The Pledge of Allegiance followed led by Steve Torelli.

Mark Monin, President (ETWD)

Arlene Schafer, 1st Vice President (CMSD)

Bob McVicker, 2nd Vice President (MWDOC)

Brooke Jones, 3rd Vice President (YLWD)

Bill Green, Treasurer (SCWD)

Greg Mills, Secretary (SWD)

Sandra Jacobs, Immediate Past President (SMWD)

Others Present:

Dick Ackerman, Ackerman Consulting

Heather Baez, MWDOC

Raymond Barragan, OC LAFCO

Yesenia Baltierra, Placentia Library District

Frank Bryant, Serrano Water District

Dennis Cafferty, El Toro Water District

Gavin Centeno, OC LAFCO

Jeff Coffman

Jeanette Contreras, Placentia Library District

Sharon Dahl,

Tina Dubuque, MWDOC

John Dulebohn, East Orange County Water District

Alicia Dunkin, Orange County Water District

Stephen Faessel, City of Anaheim

Richard Fiore, Moulton Niguel Water District

James Fisler, Mesa Water District

Kathryn Freshley, El Toro Water District

Mike Gaskins, Moulton Niguel Water District
Bernard Hartmann, Sunset Beach Sanitary District
Kay Havens, El Toro Water District
Laura Heflin, Serrano Water District
Paul Mesmer, Sunset Beach Sanitary District
Al Nederhood, MWDOC
Bill Nelson, OC Cemetery District
Bob Ooten, Costa Mesa Sanitary District
Vicki Osborn, MWDOC
Frank Prewoznik, Irvine Ranch Water District
Brad Reese, Serrano Water District
Kelly Rowe, OCWD
Mike Scheafer, Costa Mesa Sanitary District
Steve Torelli, Orange County Great Park
Jose Vergara, El Toro Water District
Jerry Vilander, Serrano Water District
Bruce Whitaker, OCWD
Roger Yoh, OCWD

II. Introductions

- President Monin provided an introduction for Steve Torelli, Manager Administration and Operations, at Orange County Great Park. Steve detailed his extensive and impressive background. He explained that he was stepping in for Joel Belding due to a scheduling conflict.

III. Orange County Great Park – What is Planned: Now and for the Future – Steve Torelli, Manager Administration and Operations.

- Steve Torelli delivered an informative presentation on the Orange County Great Park operations including a general overview, cultural terrace reuse plan, demolition required and rendering of the 360 building as well as various museums and a botanical garden. A question-and-answer period followed. Steve was thanked for his informative presentation.

IV. Member Spotlight: Placentia Library

- Placentia Library was spotlighted as a member agency. Director Schafer introduced Yesenia Baltierra, Public Services Manager of the Placentia Library, detailing her vast experience and education. A brief overview of Placentia Library was presented as well as a current status report. Highlights included statics pertinent to the Placentia Library visits, programs and services, adapting during the COVID-19 crisis, and resources to support vulnerable communities. Yesenia was thanked for this informative presentation.

V. Associate Member Spotlight: Ackerman Consulting

- Ackerman Consulting was spotlighted as a member agency. Director Schafer introduced Senator Dick Ackerman, CEO of Ackerman Consulting, detailing his vast experience in the public sector. A brief overview of Ackerman Consulting was presented as well as a current status report. Most of his work today is in public relations and representing special districts. Dick was thanked for his informative presentation.

VI. Reports

- WEROC - Vicki Osborn of MWDOC reported that it has been a busy quarter and some mutual aid work has been done to assist with the delivery of water due to construction delays. The supply chain is stable. Response time from EPA has been very fast. The standardized emergency response system was discussed and how it impacts special districts. A report was given on the COVID-19 status. The State Water Control Board is asking for the Rescue Plan Act.
- ACWA – Director Jacobs reported that Governor Newsom has called for a voluntary 15% reduction in water use. Two billion dollars in drought relief and major infrastructure, including debt relief, has been approved through the State. The fall conference is in November. Cathy Green will be running for the Vice President seat, and Pam Tobin is running for the Presidential position. An update was given on several senate bills. Director Jacobs congratulated the City of Fullerton and OCWD on the completion of their PFAS treatment plant.
- CSDA - Director Schafer reported that Jo MacKenzie won Seat A. CSDA will be placing Form 700 training on their website. The Board Secretary Clerk Conference will be held at Embassy Suites in Anaheim in October. CSDA's annual conference is in Monterey August 30 through September 2.
- LAFCO Report – Director Fisler reported that the next LAFCO meeting is scheduled for August 11 at the Hall of Administration. LAFCO has been working with Santa Margarita Water District and the City of San Juan Capistrano regarding the annexation agreement. The year end financial report will also be presented at the August meeting. The annual strategic planning meeting will be held on September 8 at 8:15 a.m. at the Santa Ana Police Department in the community services room.
- OCCOG Report – Director Scheafer reported that OCCOG does not meet in July. OCCOG has filed suit against HCV, and they have requested postponement. OCCOG has also received various requests from cities expressing interest to join in the lawsuit. OCCOG is looking at various housing issues that may be viewed on the OCCOG website. OCCOG General Assembly is an annual event that deals with housing and transportation issues scheduled for November 17 at the Grand California Hotel at the Disney resort. OCCOG is currently working on partnerships with several agencies to take a look at what the future holds.

VII. New Business

- President Monin said that the Silverado Modjeska Recreation and Parks is holding a free concert on August 21. The bands will play between 6:00 p.m. to 8:30 p.m.
- President Monin thanked Bill Nelson who has been incredibly instrumental with CSDA.
- President Monin introduced Director Bob McVicker as ISDOC's new 2nd Vice President. Director McVicker thanked Larry Dick and the Executive Committee and is looking forward to the new role.
- Director Jones remarked that there was the second demonstration of the heli-hydrant today at Yorba Linda Water District. President Monin reported that he is a large advocate for the heli-hydrant program.
- Director Green reported the bank balance is \$12,329.54 at Union Bank.
- Director Jacobs reported that the City of Rialto was hosted at the Santa Margarita Water District last week to look at various facilities.
- President Monin thanked staff again for their assistance.

VIII. Adjournment

The meeting adjourned at 12:50 p.m. The next Executive Committee meeting is August 3, 2021 and the next quarterly meeting is scheduled for October 28, 2021.



Signed: _____ ISDOC Secretary

Date: July 30, 2021



ISDOC Executive Committee (Virtual Meeting via Zoom)

August 3, 2021

Minutes

I. Welcome

President Mark Monin called the meeting to order at 7:31 a.m.

Mark Monin, President (ETWD)

Arlene Schafer, 1st Vice President (CMSD)

Bob McVicker, 2nd Vice President (MWDOC)

Brooke Jones, 3rd Vice President (YLWD)

Greg Mills, Secretary (SWD)

Bill Green, Treasurer (SCWD) - Absent

Saundra Jacobs, Immediate Past President (SMWD)

Others Present:

Stacy Taylor, Water Policy Manager (Mesa WD)

Heather Baez, Government Affairs Manager (MWDOC)

Laura Heflin, Administrative Assistant (Serrano WD)

Jim Fisler (Mesa WD)

Alison Martin (YLWD)

Paul Mesmer (Surfside Colony Community)

Tina Dubuque (MWDOC)

Chris Palmer (CSDA)

Gavin Centeno (OC LAFCO)

Sofia Style

II. Minutes

The minutes of the July 6, 2021 meeting were reviewed and unanimously approved via roll call vote with a motion made by Director McVicker and seconded by Director Jones.

III. Public Comments

- Director Fisler requested that the meeting be adjourned in Margie Rice's memory. Margie was a special district member.

IV. New Business

- Covid 19 – President Monin reported that we are having to wait and see when room 101 is available. Heather remarked that room 101 would not be available until November. The Board room is possibly open for the quarterly meeting. The OCWD/MWDOC campus is still closed. President Monin remarked ISDOC Executive Committee meetings will continue to be held virtually until room 101 is available.
- Guest Speakers – President Monin asked Heather about coordination with guest speakers and asked Heather if she would like to assist with this. Heather recommended that each Director work with their own staff member. President Monin thanked Heather for her input. Director Schafer remarked that sometimes last-minute changes occur and agreed about working with staff.
- Scholarship Funding – President Monin asked for input from the Board on this topic. Director Jacobs remarked that these scholarship funds were for special districts who couldn't afford to send their members to CSDA conferences. Placentia Library has been a beneficiary of these scholarships in the past. Director Jacobs said that she is very supportive of this and would like to see the program continue. Director Schafer concurred. President Monin asked if CSDA had a scholarship fund. Chris Palmer remarked that the Special Leadership District Foundation does have scholarships that are available.

V. Old Business

- Dues Holiday 2021-2022 - President Monin reported that the consensus was that we would continue with the dues holiday and requested input. Members agreed that this should continue. Director Fisler said that we should review what is going to be done with the \$12,000 as it relates to the dues holidays and scholarship funding. Director Schafer remarked that we have not put informational booklets together in quite some time and suggested that this option be agendaized at the next meeting. President Monin responded that we may be able to put the same information on ISDOC's website and discussed challenges with getting the staff to do this (putting booklets together).

- ISDOC Website – Stacy Taylor reported that the new ISDOC website is up and suggested all visit at www.isdocspecialdistrict.org. It is still being fine-tuned. There is a contact page which includes a form to be filled out. Who is going to be the main contact to receive those submissions through the website? The website is ADA compliant. There is a privacy policy that is also connected to the website which has been reviewed by Streamline’s legal counsel. Do we want our own legal counsel to review? The Special District’s Dialogue newsletter is available to be placed on the website which is produced by OC LAFCO if so desired. President Monin responded that he would be happy to receive the informational submissions on the contact page. Chris Palmer remarked that CSDA’s Take Action Brief could also be included. A newsletter for ISDOC was discussed. Director Schafer complimented Stacy on her hard work and the great job that she has done. She also suggested that the above items be agendaized at the next meeting with associated deadlines. Director Jacobs discussed links to other special districts and their newsletters being placed on ISDOC’s websites. Stacy remarked that this may make the website chunky and suggested a listing of special districts with their logo and hyperlink.
- Quarterly Meeting Live and Potential Cost – President Monin remarked that this had been previously covered.

VI. Treasurer’s Report – Director Green

- Director Green was not available for a report.

VII. CSDA Report – Director Schafer

- CSDA - Director Schafer reported that Jo MacKenzie won Seat A. CSDA will be placing Form 700 training on their website. The Board Secretary Clerk Conference will be held at Embassy Suites in Anaheim October 25-27. CSDA’s annual conference is in Monterey August 30 through September 2. A large turnout is expected. The Taste of the City will be held at the Monterey event and Director Schafer asked if anybody had donations (gift cards, etc.). Stacy asked if the conference would continue in person given the variant and whether or not a hybrid option would be available. Director Schafer remarked that things are status quo currently and Chris Palmer concurred. A hybrid was reviewed but the virtual part was too difficult due to break-out sessions, etc.

VIII. LAFCO Report – Director Fisler

- LAFCO Report – Director Fisler reported that the next LAFCO meeting is scheduled for August 11 at the Hall of Administration in person. Items will be Santa Margarita Water District and the City of San Juan Capistrano regarding the annexation agreement. Extended annexation in the City of Brea will also be reviewed. The year-end financial report will also be presented at the August meeting. The annual strategic planning meeting will be held in person on September 8 at 8:15 a.m. at the Santa Ana Police Department in the community services room.

IX. ACWA Report – Director Jacobs

- Director Jacobs reported that ACWA fall conferences will be held in Pasadena 11/30 through 12/3 in person with some hybrid options. Spring 2022 is next May which will be in Sacramento. The State Water Resources Control Board starts at 9:00 a.m. this morning. ACWA reported on a comment letter regarding draft emergency regulations and has concerns because this could affect many agencies who use groundwater. More information may be found at www.waterboards.ca.gov. Director Jacobs reported that Cathy Green from OCWD is running for the Vice President seat for the ACWA Board.

X. OCCOG Report – Director Scheafer

- President Monin reported that the OCCOG meeting was dark this month, and Director Scheafer was not available to give a report.

XI. Orange County Operational Area Report – Vicki Obsorn


- President Monin reported that Vicki was not available to give a report but that she had given a lengthy report at the last quarterly meeting.

XII. Subcommittee Reports

- Programs – President Monin thanked Director Schafer for last month's fantastic guest speakers. Director Schafer suggested the Director of Emergency Management in conjunction with Vicki Osborn may give a presentation on how would Orange County handle emergencies. She also suggested representation from ISO regarding rolling blackouts. Additionally, Michael Rose, Ph.D., from the County of Orange (Mental Health Board Chair) was suggested regarding mental health in the workplace. It was agreed that Director Schafer would pursue the mental health presentation.
- Membership – Director McVicker reported that letters are being developed with the membership committee to be sent to associates of CSDA in order to enhance membership.
- Legislative – Director Jones reported on legislation including the written legislative report previously submitted. HR 4099 large scale water recycle and reuse was also discussed, and HR 1915 water quality and job creation act was reviewed. HR 2467 was discussed regarding PFAS action. This passed the house on July 21. The bond issue was discussed which is not anticipated to move this year due to large investments through budget process. Director Jones is willing to track bills of interest. President Monin remarked that Director Jones was doing a great job.

XIII. Adjourn: President Monin thanked the various attendees and staff for their assistance and participation. Heather reported that Tina is now full time with MWDOC and will be assisting with ISDOC. Christina has transferred to WACO. President Monin stated that the

next meeting is scheduled for September 7. Board members wished President Monin a happy birthday. Director Fisler adjourned the meeting at 8:25 a.m. in memory of Margie Rice after serving 31 years at Mid-Way City District. Twenty seconds of silence was observed to remember Margie.

Signed:  _____
ISDOC Secretary

Date: August 3, 2021



AGENDA

Friday, September 10, 2021
7:30 a.m. - 9:00 a.m.

Register:

<https://us06web.zoom.us/meeting/register/tZEsdGogDsuHdNQSbzZelGbs6GXfTivebWP>

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
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

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1. Welcome

- Cathy Green, Orange County Water District

2. Housekeeping & Meeting Etiquette

3. Pledge of Allegiance

4. Program

- Forty Years of California Water Policy: What Worked, What Didn't and Lessons for the Future
 - Tim Quinn, Executive Director of San Joaquin Valley Water Collaborative Action Program; former ACWA Executive Director
- Water Supply Allocation Follow Up
 - Brandon Goshi, Planning & Development Manager, Metropolitan Water District of Southern California

5. Reports

- Metropolitan Water District of Southern California (MET) Report – Linda Ackerman, Metropolitan Water District of Southern California
- Association of California Water Agencies (ACWA) Report – Cathy Green, Orange County Water District
- California Special Districts Association (CSDA) Report – Chris Palmer, California Special Districts Association
- Water Emergency Response Organization of Orange County (WEROC) Report – Vicki Osborn, Municipal Water District of Orange County

6. Adjourn

Next WACO Meeting

Friday, October 1, 7:30 a.m. via Zoom

Next WACO Planning Committee Meeting

Tuesday, September 21, 7:30 a.m. via Zoom

DATES TO REMEMBER
SEPTEMBER/OCTOBER 2021

1. Sept 24 – DISTRICT OFFICE CLOSED
2. Sept 29 – 11:30 a.m. – Open Enrollment
3. Sept 30 – 5:30 p.m. – MWDOC Water Policy Forum
4. Sept 30 – 5:30 p.m. – Lake Forest Meet the Mayor
5. Oct 1 – 7:30 a.m. – WACO Meeting
6. Oct 1 – 12 noon – Pres/VP/GM Meeting
7. Oct 4 – 8:30 a.m. – MWDOC Planning/Operations Meeting
8. Oct 4 – 1;30 p.m. – SOCWMA Management Committee Meeting
9. Oct 5 – 7:30 a.m. – ISDOC Executive Committee Meeting
10. Oct 5 - 10:00 a.m. – RRC Meeting
11. Oct 6 – 8:30 a.m. – MWDOC/MET Directors Workshop
12. Oct 7 – 8:30 a.m. – SOCWA Board Meeting
13. Oct 8 – DISTRICT OFFICE CLOSED
14. Oct 13 – 8:15 a.m. – LAFCO
15. Oct 13 – 8:30 a.m. – MWDOC Admin/Finance Committee
16. Oct 14 – 8:30 a.m. – SOCWA Engineering Committee
17. Oct 15 – 8:00 a.m. – OC Water Summit (Disneyland Grand Hotel)
18. Oct 15 – 12 noon – Pres/VP/GM Meeting
19. Oct 18 – 9:00 a.m. – Agenda Review
20. Oct 19 – 7:30 a.m. – WACO Planning Committee
21. Oct 19 – 10:30 a.m. – SOCWA Finance Committee
22. Oct 20 – 8:30 a.m. – MWDOC Board Meeting
23. Oct 21 – 10:30 a.m. – MWDOC Managers Meeting
24. Oct 21 – 12 noon – WateReuse Meeting
25. Oct 22 – DISTRICT OFFICE CLOSED

- 26. Oct 25 – 7:30 a.m. – Regular Engineering/Finance Committee Meetings
- 27. Oct 28 – 7:30 a.m. – Regular Board Meeting
- 28. Oct 28 – 11:30 a.m. – ISDOC Quarterly Luncheon
- 29. Oct 29 – 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.

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

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

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

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

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

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

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

Crisis:

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

CTP Coastal Treatment Plant

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

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

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

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

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

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

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

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

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

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

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

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

Disinfection: Water treatment which destroys potentially harmful bacteria.

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

Drought: A prolonged period of below-average precipitation.

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

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

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

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

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

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

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

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

Estuary: Where fresh water meets salt water.

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

FCH Federal Clearing House – Environmental Review/Processing

FEMA Federal Emergency Management Agency

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

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

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

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

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

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

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

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

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

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

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

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

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

GPM: Gallons per minute.

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

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

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

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

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

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

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

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

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

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

MAF: Million acre feet.

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

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

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

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

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

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

NPDES National Pollution Discharge Elimination System

OCBC: Orange County Business Council.

OCEMA Orange County Environmental Management Agency

OCWD: Orange County Water District.

Opportunity:

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

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

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

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

Percolation: The downward movement of water through the soil or alluvium to the groundwater table.

Permeability: The capability of soil or other geologic formations to transmit water.

Point source: A specific site from which waste or polluted water is discharged into a water body, the source of which is identified. See also: non-point source.

Potable water: Suitable and safe for drinking.

PPB: Parts per billion.

Precipitation: Water from the atmosphere that falls to the ground as a liquid (rain) or a solid (snow, sleet, hail).

Primary treated water: First major treatment in a wastewater treatment facility, usually sedimentation but not biological oxidation.

Primary treatment: Removing solids and floating matter from wastewater using screening, skimming and sedimentation (settling by gravity).

Prior appropriation doctrine: Allocates water rights to the first party who diverts water from its natural source and applies the water to beneficial use. If at some point the first appropriator fails to use the water beneficially, another person may appropriate the water and gain rights to the water. The central principle is beneficial use, not land ownership.

Pumping Plant: A facility that lifts water up and over hills.

Recharge: The physical process where water naturally percolates or sinks into a groundwater basin.

Recharge basin: A surface facility, often a large pond, used to increase the infiltration of surface water into a groundwater basin.

Reclaimed wastewater: Wastewater that becomes suitable for a specific beneficial use as a result of treatment. See also: wastewater reclamation.

Reclamation project: A project where water is obtained from a sanitary district or system and which undergoes additional treatment for a variety of uses, including landscape irrigation, industrial uses, and groundwater recharge.

Recycling: A type of reuse, usually involving running a supply of water through a closed system again and again. Legislation in 1991 legally equates the term "recycled water" to reclaimed water.

Reservoir: A place where water is stored until it is needed. A reservoir can be an open lake or an enclosed storage tank.

Reverse osmosis: (RO) A method of removing salts or other ions from water by forcing water through a semi-permeable membrane.

RFP Request for Proposal

Riparian: Of or on the banks of a stream, river, or other body of water.

RO: Reverse osmosis. See the listing under "reverse osmosis."

R-O-W Right-of-way

Runoff: Liquid water that travels over the surface of the Earth, moving downward due to gravity. Runoff is one way in which water that falls as precipitation returns to the ocean.

RWQCB Regional Water Quality Control Board. State agency regulating discharge and use of recycled water.

Safe Drinking Water Act (SDWA): The Safe Drinking Water Act (SDWA) was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (SDWA does not regulate private wells which serve fewer than 25 individuals.) SDWA authorizes the United States Environmental Protection Agency (US EPA) to set national health-based standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water. US EPA, states, and water systems work together to make sure that these standards are met.

Safe yield: The maximum quantity of water that can be withdrawn from a groundwater basin over a long period of time without developing a condition of overdraft, sometimes referred to as sustained yield.

SAFRA Santa Ana River Flood Protection Agency

Salinity: Generally, the concentration of mineral salts dissolved in water. Salinity may be measured by weight (total dissolved solids - TDS), electrical conductivity, or osmotic pressure. Where seawater is known to be the major source of salt, salinity is often used to refer to the concentration of chlorides in the water.

SAWPA: Santa Ana Watershed Project Authority.

SCADA Supervisory Control and Data Acquisition

SCAP Southern California Alliance of Publicly. Newly formed group of public agencies seeking reasonable regulation of sewer industry.

SCH State Clearing House – Environmental Review/Processing

Seasonal storage: A three-part program offered by Metropolitan Water District of Southern California:

STSS (Short Term Seasonal Storage) financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;

LTSS (Long Term Seasonal Storage) financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

Seawater intrusion: The movement of salt water into a body of fresh water. It can occur in either surface water or groundwater basins.

Seawater barrier: A physical facility or method of operation designed to prevent the intrusion of salt water into a body of freshwater.

Secondary treatment: The biological portion of wastewater treatment which uses the activated sludge process to further clean wastewater after primary treatment. Generally, a level of treatment that produces 85 percent removal efficiencies for biological oxygen demand and suspended solids. Usually carried out through the use of trickling filters or by the activated sludge process.

Sedimentation: The settling of solids in a body of water using gravity.

Settle: To clarify water by causing impurities/solid material to sink to a container's bottom.

Sewer: The system of pipes that carries wastewater from homes and businesses to a treatment plant or reclamation plant. Sewers are separate from storm drains, which is a system of drains and pipes that carry rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged.

SigAlert: Any unplanned event that causes the closing of one lane of traffic for 30 minutes or more, as opposed to a planned event, like road construction, which is planned.

SJBA San Juan Basin Authority

Sludge: The solids that remain after wastewater treatment. This material is separated from the cleaned water, treated and composted into fertilizer. Also called biosolids.

SOCWA South Orange County Wastewater Authority. Regional Joint Powers Authority formed for collection and treatment of sewerage (previously known as AWMA/SERRA/SOCRA). SOCWA member agencies:

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

SRF State Revolving Fund

Storm Drain: The system of pipes that carries rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain

water is not treated before it is discharged. Storm drains are separate from sewers, which is a separate system of pipes to carry wastewater from homes and businesses to a treatment plant or reclamation plant for cleaning.

Storm flow: Surface flow originating from precipitation and run-off which has not percolated to an underground basin.

SWP: State Water Project. An aqueduct system that delivers water from northern California to central and southern California.

SWRCB State Water Resources Control Board

TDS: Total dissolved solids. A quantitative measure of the residual minerals dissolved in water that remain after evaporation of a solution. Usually expressed in milligrams per liter.

Tertiary treatment: The treatment of wastewater beyond the secondary or biological stage. Normally implies the removal of nutrients, such as phosphorous and nitrogen, and a high percentage of suspended solids.

THM: Trihalomethanes. Any of several synthetic organic compounds formed when chlorine or bromine combine with organic materials in water.

TMA: Too many acronyms.

TMDL: Total maximum daily load; A quantitative assessment of water quality problems, contributing sources, and load reductions or control actions needed to restore and protect bodies of water.

Transpiration: The process in which plant tissues give off water vapor to the atmosphere as an essential physiological process.

Turbidity: Thick or opaque with matter in suspension; muddy water.

Ultraviolet light disinfection: A disinfection method for water that has received either secondary or tertiary treatment used as an alternative to chlorination.

VE Value Engineering

VOC: Volatile organic compound; a chemical compound that evaporates readily at room temperature and contains carbon.

Wastewater: Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result.

Water Cycle: The continuous process of surface water (puddles, lakes, oceans) evaporating from the sun's heat to become water vapor (gas) in the atmosphere. Water condenses into clouds and then falls back to earth as rain or snow (precipitation). Some precipitation soaks into the ground (percolation) to replenish groundwater supplies in underground aquifers.

Water rights: A legally protected right to take possession of water occurring in a natural waterway and to divert that water for beneficial use.

Water-use Efficiency: The water requirements of a particular device, fixture, appliance, process, piece of equipment, or activity.

Water year (USGS): The period between October 1st of one calendar year to September 30th of the following calendar year.

Watermaster: A court appointed person(s) that has specific responsibilities to carry out court decisions pertaining to a river system or watershed.

Water Reclamation: The treatment of wastewater to make it suitable for a beneficial reuse, such as landscape irrigation. Also called water recycling.

Watershed: The total land area that from which water drains or flows to a river, stream, lake or other body of water.

Water table: The top level of water stored underground.

WEF Water Environment Federation. Formerly – Water Pollution Control Federation (WPCF). International trade group advising members of sewage treatment techniques and their effect on the environment.

Weir box: A device to measure/control surface water flows in streams or between ponds.

Wellhead treatment: Water quality treatment of water being produced at the well site.

Wetland: Any area in which the water table stands near, at, or above the land surface for a portion of the year. Wetlands are characterized by plants adapted to wet soil conditions.

Xeriscape: Landscaping that requires minimal water.