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

May 26, 2022

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, may 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/81095258287. (Meeting ID: 810 9525 8287).

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 Freshley

PLEDGE OF ALLEGIANCE - Director Gaskins

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, CERTIFICATIONS, AND INTRODUCTIONS

a. Service Awards

1. Mr. Cafferty will recognize and congratulate Mark Pade, Wastewater Plant Operator, for 15 years of service with the District.

1. CONSENT CALENDAR

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

- a. Consider approving the minutes of the February 14, 2022 Special Board meeting.
- b. Consider approving the minutes of the April 28, 2022 Board meeting.

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

APPROVAL OF ITEMS REMOVED FROM TODAY'S CONSENT CALENDAR

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

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

2. <u>Director Reports for Meetings Attended</u> (Oral Report)

GENERAL MANAGER ACTION ITEMS

3. <u>COVID-19 Update</u> (Reference Material Included)

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

Recommended Action: Staff recommends that the Board of Directors 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 August 25, 2022 meeting of the Board of Directors.

GENERAL MANAGER INFORMATION ITEMS

4. General Manager's Monthly Report (Reference Material Included)

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

5. <u>Legislative Reports</u> (Reference Materials Included)

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

6. Public Education and Outreach & Water Use Efficiency Reports (Reference Material Included)

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

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

- a. SOCWA Finance Committee Meeting May 10, 2022
- b. SOCWA Engineering Committee Meeting May 11, 2022
- c. SOCWA Board Meeting May 19, 2022

8. <u>Municipal Water District Of Orange County (MWDOC) Report</u>

(Reference Material Included)

- a. MWDOC Planning/Operations Meeting May 2, 2022
- b. MWDOC Admin/Finance Committee Meeting May 11, 2022
- c. MWDOC Board Meeting May 18, 2022
- d. MWDOC Managers Meeting May 19, 2022

9. <u>South Orange County Watershed Management Area (SOCWMA) Reports</u> (Reference Material Included)

a. Report on the April 28, 2022 Executive Committee meeting

10. Local Agency Formation Commission (LAFCO) Report

a. Report on the May 11, 2022 meeting

11. ISDOC Meetings (Reference Material Included)

a. Report on the May 3, 2022 ISDOC Executive Committee meeting

- **12.** WACO Meetings (Reference Material Included)
 - a. Report on the May 13, 2022 WACO meeting
 - b. Report on the May 17, 2022 WACO Planning Committee meeting

COMMITTEE AND GENERAL INFORMATION

13. <u>Dates to Remember for May/June</u> (Reference Material Included)

COMMENTS REGARDING NON-AGENDA ITEMS

ATTORNEY REPORT

CLOSED SESSION

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

- 1. At this time the Board will go into Closed Session pursuant to Government Code Section 54956.8 to consult with its negotiator (General Manager) with respect to the terms and conditions pertaining to the potential acquisition of capacity interest in wastewater transmission pipes and facilities (appurtenant to real property) from the Irvine Ranch Water District, which property is located within the Service Area of the South Orange County Wastewater Authority.
- 2. Pursuant to Government Code Section 54956.9 (d) (2) to consult with legal counsel and staff Anticipated Litigation (two matters).

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 April 28, 2022

President Freshley called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 7:30 a.m.

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

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

Also present were DENNIS P. CAFFERTY, General Manager, JASON HAYDEN, CFO, SCOTT HOPKINS, Operations Superintendent, HANNAH FORD, Engineering Manager, SHERRI SEITZ, Public Relations/Emergency Preparedness Administrator, GILBERT J. GRANITO, General Counsel, CAROL MOORE, Laguna Woods Mayor (zoom), and POLLY WELSCH, Recording Secretary.

Oral Communications/Public Comments

Ms. Moore thanked the Board and General Manager for a program provided for the City, and what a great job Mr. Cafferty did with his presentation.

Items Received Too Late to be Agendized

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

Consent Calendar

President Freshley asked for a Motion.

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

Roll Call Vote:

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

Director Reports for Meetings Attended

Director Vergara stated that he attended the State of the City event, the regular Board meetings, and he plans to attend the South OC Economic Coalition meeting.

Director Monin stated that he attended WACO, the ISDOC Executive

Committee meeting, the MWDOC/MET Directors workshop, the MWDOC

Admin/Finance Committee meeting, the MWDOC Elected Officials Forum, the

Laguna Woods City Council meeting, the WACO Planning Committee meeting,

State of the City event, OCWA, ACWA meet Pam Tobin and Cathy Green event,
the regular Board meetings, and he is planning to attend OCCOG today and the

South OC Economic Coalition meeting.

Director Gaskins stated that he attended the WACO meeting, MWDOC

Planning/Operations meeting, the RRC meeting, the MWDOC/MET Directors

workshop, the SOCWA Board meeting, the MWDOC Elected Officials Forum, the

MWDOC Admin/Finance meeting, the Budget Committee #1 meeting, the SOCWA Board meeting, State of the City event, the ACWA meet Pam Tobin and Cathy Green event, the regular Board meetings, and he plans to attend the South OC Economic Coalition meeting.

Vice President Havens stated that she attended the WACO meeting, the MWDOC Planning/Operations meeting, the ISDOC Executive Committee meeting, the MWDOC/MET Directors workshop, the MWDOC Elected Officials Forum, the Laguna Woods Village Gate 11 HOA meeting, the MWDOC Admin/Finance Committee meeting, the Pres/VP/GM meetings, the Agenda Review meeting, the Budget Committee #1 meeting, the MWDOC Board meeting, OCWA, the WateReuse meeting, the ACWA meet Pam Tobin and Cathy Green event, the regular Board meetings, and she plans to attend the ISDOC Quarterly meeting, and the Watershed Management AB361 meeting,

President Freshley stated that she attended the WACO meeting, the RRC meeting, the SOCWA Board meeting, the SOCWA Finance meeting, the SOCWA Special Board meeting, the MWDOC/MET Directors workshop, the Pres/VP/GM meetings, the Agenda Review meeting, the Laguna Woods City Council meeting, LAFCO, OCWA, the ISDOC Quarterly meeting, and the regular Board meetings.

General Manager Action Items

1985-5 (IV) Travel and Expense Reimbursement Policy

Mr. Cafferty stated that staff is recommending no amendments to the current policy.

Director Gaskins asked if the Board and staff should consider increasing the meal amounts due to the current economic increases.

President Freshley stated that she doesn't feel comfortable compensating increased meal reimbursements at this time.

Director Vergara stated that this policy is public record, and he does not feel we should be increasing the meal amounts at this time.

President Freshley asked for a Motion.

Motion: Director Monin made a Motion, seconded by Vice President Havens and unanimously carried across the Board to recommend no amendments to the District's 1985-5 (IV) Travel and Expense Reimbursement Policy.

Roll Call Vote

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

General Manager Information Items

COVID-19 Update

Mr. Cafferty provided an update on the current COVID-19 conditions.

General Manager's Monthly Report

Vice President Havens stated that on page 42, ETWD Water Usage Compared to 2020, our March usage jumped 43% and asked what accounted for this jump. Mr. Cafferty replied that water use in 2020 was very low.

Vice President Havens suggested putting a footnote indicating it was due to the COVID-19 pandemic. Mr. Cafferty replied that staff will footnote the month of March water usage.

Legislative Reports

Director Gaskins stated that there is a bill that states if you attend a meeting virtually there is no need to provide the address you are attending from on the agenda.

Mr. Granito reported that SB 1157 pertaining to outdoor irrigation should be viewed.

Public Education and Outreach & Water Use Efficiency Reports

Ms. Seitz stated that the District has moved to a Level 2 Water Shortage, and asking customers to reduce water use 15% or as much as possible, fix leaks, and follow the Permanent Water Conservation requirements.

Vice President Havens stated that she would like to see more signage for Recycled Water throughout the village.

Ms. Seitz stated that the newsletter is scheduled for distribution the end of April through May, and topics include ETWD moving to Level 2 water shortage, the permanent water conservation requirements, CAG information, Oso Lift station project, introducing new staff, Streams of Hope Campaign and checking for leaks.

Ms. Seitz stated that the May CAG meeting has been postponed to June 2nd, and will discuss the Level 2 water shortage and the Districts 2022/23 budget.

Ms. Seitz stated that President Freshley will be on TV-6 next to discuss the Level 2 water shortage and water conservation.

Ms. Seitz stated that she coordinated with LWV on placement of the Streams of Hope Campaign Stella in the village. She further stated that she coordinated with MWDOC, the Wyland Foundation and Dan Yost, LWV Rick Manager on insurance and a hold harmless agreement for the artwork.

Ms. Seitz stated that she and Vice President Havens attended a meeting at Gate 11 and discussed Water Supply Conditions, Level 2 Water Shortage, and Water Conservation. She further stated that Bob Hazard staffed a table at the event and provided water efficient takeaways.

Ms. Seitz stated that the District will staff a table at the Concerned Citizens Earth Day event at Clubhouse 1 on April 21st.

Ms. Seitz stated that Mr. Cafferty, Dan Ferons (SMWD), and Fernando Paludi (TCWD) addressed the City of Laguna Woods and the public for Earth Day to cover water supply challenges, water conservation, and steps being taken locally to ensure water reliability.

Ms. Seitz stated that staff will host a table at the City of Mission Viejo Earth Day event on April 23rd to discuss water conservation and provide water efficient takeaways.

Ms. Seitz stated that ETWD is providing drought tolerant table center pieces for the State of the City event on April 26th.

Ms. Seitz provided an update on the Adopt-a-Channel program, requirements and costs associated with being a sponsor.

SOCWA Reports

Mr. Cafferty provided an update on the SOCWA Board meeting. He further stated that the SOCWA budget reflects a budget reduction for ETWD.

MWDOC Reports

Director Gaskins stated that the MWDOC budget was discussed, and the possible credit to the Tier 2 rates.

SOCWMA Reports

Vice President Havens stated that AB 361 was discussed.

LAFCO

President Freshley stated that budget was discussed, and Doug Davert and herself were unopposed for the special election, so they are deemed to be reelected and remain in their current seats. She further stated that they discussed hiring a consultant to focus on developing the indicators used for reporting on cities performance standards.

President Freshley stated that they are preparing for their Strategic Planning in June.

ISDOC

Director Monin stated that the next ISDOC Executive meeting will be May 10th because of the ACWA Spring conference being the first week in May.

WACO

Director Monin stated that cyber security for Water Policy Executives was discussed. He further stated that the next WACO meeting will be May 13th.

COMMITTEE AND GENERAL INFORMATION

Dates to Remember for April/May

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 regular session continued.

<u>Adjournment</u>

There being no further business to come before the Board, the meeting was adjourned at 8:50 a.m.

POLLY WELSCH
Recording Secretary

APPROVED:

KATHRYN FRESHLEY, 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 SPECIAL BOARD MEETING OF THE BOARD OF DIRECTORS OF THE EL TORO WATER DISTRICT February 14, 2022

President Freshly called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 7:30 a.m. on February 14, 2022.

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

Committee Members KATHRYN FRESHLEY, KAY HAVENS (via zoom),

MIKE GASKINS, JOSE VERGARA, and MARK MONIN (via zoom) participated.

Also present were DENNIS P. CAFFERTY, General Manager, JUDY
CIMORELL, Human Resources Manager, SCOTT HOPKINS, Operations
Superintendent, JASON HAYDEN, CFO, GILBERT J. GRANITO, General
Counsel, MARK NORTHCROSS, NHA Advisors, LESLIE BLOOM, NHA
Advisors, BRAD NEAL, Stradling Yocca Carlson & Rauth, and POLLY WELSCH,
Recording Secretary.

Oral Communications/Public Comments

There were no comments.

Items Received Too Late to be Agendized

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

Information Items

Mr. Cafferty stated that each item on today's agenda will be discussed separately, and then the Board will consider adopting a Resolution which contains all of these items.

<u>Update on Financing Plan for Near-term Future Capital Projects</u>

Mr. Hayden stated that the Board will provide the legal authorization for the District to issue the Revenue Bonds. He further stated that after approval of these documents, the ETWD Financing Authority (Authority) needs to approve the same documents plus one additional document, which is the indenture between the ETWD Financing Authority and the Trustee (US Bank).

Mr. Hayden provided the next steps to receiving the actual Revenue

Bonds. He further stated that the Bond issuance process is dependent on the

Board approving documents that are not yet complete because the information

need to complete the documents is not yet available.

Mr. Hayden stated that pricing for the bonds and exact dates of pricing and closing are dependent on bids by bond market participants.

Director Vergara asked if staff will report on this quarterly. Mr. Hayden replied that it will be an annual report.

President Freshley asked when the blank charts in the report will be completed. Mr. Hayden replied that the data becomes available February 24th.

Bond Rating Summary and Presentation

Mr. Cafferty stated that the report was not ready in time for the Board package to go out, so he sent it out under separate cover. He further stated that

the ETWD presentation made to the S&P Municipal Bond Analysts is included in the Board package.

Installment Purchase Agreement

Mr. Hayden stated that this agreement is between the District and the Authority and establishes that the Authority will finance the acquisition of various capital projects through the proceeds of Bonds, repay the District's SRF loans, and pay the semi-annual debt payments to the Authority to purchase capital projects.

President Freshley stated that this agreement will buy-out all of the District's SRF loans except one. Mr. Hayden replied that the SRF loans are called senior debt which have first lien against all debt and are first to be paid.

Mr. Cafferty stated that there is no additional debt that the District is planning to take on at this time. He further stated that if the District plans to take on additional debt in the future, staff would need to review what that means to debt coverage ratios.

President Freshley asked if we maintain a Rate Stabilization Fund. Mr. Cafferty replied that the District does currently maintain one.

Mr. Neal stated that there is a clause that means that the Board will be allowed to hire outside professionals and outside Counsel to provide the Board with opinions and certification as to information that is required, but they can't rely on an outside Counsel or professional for certification when you know that the information given to the outside Counsel is materially erroneous.

Director Vergara asked if the public could purchase these same Bonds.

Mr. Neal replied that these are securities that corporations purchase through security bonds.

President Freshley asked how tax arbitrage affects us. Mr. Hayden replied that some time ago corporations were issuing taxable municipal bonds and making more money than they were paying in insurance, so the funds then became non-taxable funds, and were required to be repaid within 3 years.

President Freshley asked who makes the determination about redeeming bonds for exemption, and which ones are paid off. Mr. Hayden replied that the bonds will have maturity schedules.

Mr. Granito asked if this will broaden the scope of the District's annual audit to include covenants. Mr. Neal replied that a backup audit on these bond covenants and debt ratios is not required.

President Freshley stated that Table 11 of page 37 of the document, says the District does not incorporate projected increases in connections. Mr. Cafferty stated that this may change in the future as our service connections may increase due to new development in our service area, but the document is saying that the document is not projecting increases in service connections and are not incorporated into the financial document.

Continuing Disclosure Agreement

Mr. Hayden stated that this agreement establishes all activities necessary for the District to comply with obligations to report events that may have an

impact on a bond purchaser's decision to retain or sell the bonds needed to be made to the Annual Financial Statements.

Bond Purchase Contract

Mr. Hayden stated that in this agreement the Underwriter (BofA Securities) purchases all bonds from the authority provided that the terms and conditions set forth are satisfied. He further stated that then the Underwriter will sell the bonds to investors.

President Freshley asked what date she will need to be available to sign the agreements. Mr. Cafferty replied that we anticipate the agreements being ready for signatures on Thursday, February 24th.

Mr. Hayden stated that the highest loan amount would be \$50 million and no higher than a 3.5% interest rate.

Vice President Havens asked how we are assured fair market value on the day of the sale of bonds, and who will be overseeing the sale of the bonds.

Mr. Northcross replied that NHA is ETWD's Municipal Advisor under Federal Securities Law, and amongst their responsibilities is to make sure the Bond sales goes fairly, and they do so by monitoring comparable Bond sales by utilities that week in the market and where utility Revenue Bonds for California entities are selling that week.

Preliminary Official Statement

Mr. Hayden stated that the Preliminary Official Statement will be distributed by the Underwriter to prospective bond purchasers. He further stated

that the statement will include plans of finance and security for the bonds, as well as information on the District.

Director Monin added that most likely they will review other utilities with the same double A rating as a fair judgement and evaluation.

President Freshley stated that the package was well done with all of the required information that has to be included, and she appreciates the work that staff and Bond Counsel has done.

Financial Action Items

Resolution No. 22-2-1 Approving the Execution and Delivery of Certain

Documents Associated with the Water and Wastewater Revenue Bonds Series

2022-A

Mr. Cafferty stated that this Resolution will be approving the Installment Purchase Agreement, the Continuing Disclosure Agreement, the Bond Purchase Contract, and the Preliminary Official Statement. He further stated that it identifies that the proceeds will be deposited as defined in the agreements, designates the appointment of the Trustee as US Bank, and refers to Bond insurance which we were investigating on a parallel path through the Bond credit rating, but since we received the double A credit rating, there is no need for Bond insurance.

Mr. Cafferty stated that there are a number of pages with blanks which will be filled in and due to the good faith estimate are based on per market conditions and NHA's projections of what pricing will be.

President Freshley asked if the Resolution will need to be re-adopted each year, as the ETWD President and Vice President changes each year. Mr.

Cafferty replied that we would have a meeting of the ETWD Financing Authority each year and designate new Officers of the Authority.

President Freshley asked for a Motion.

Motion: Director Vergara made a Motion, seconded by Director Gaskins and unanimously carried across the Board to approve Resolution No. 22-2-1 approving the execution and delivery of an installment purchase agreement for the purpose of causing the issuance of not to exceed \$50 million aggregate principal amount of water and wastewater revenue bonds, Series 2022A, and approving the execution and delivery of certain documents in connection therewith and certain other matters.

Roll Call Vote:

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

<u>Adjournment</u>

There being no further business to come before the Board, the meeting was adjourned at 8:45 a.m.

POLLY WELSCH
Recording Secretary

APPROVED:

KATHRYN FRESHLEY, 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



STAFF REPORT

To: Board of Directors Meeting Date: May 26, 2022

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.

COVID cases in Orange County have risen over the last month but the more severe health impacts have not increased at the same rate. The most recent seven day average daily case rate was reported to be 10 per 100,000 compared to the 4.6 figure reported a month ago. As of May 16 hospitalizations in the County were at 89 compared to 60 on April 18. ICU occupancy is at 15. The disparity between the severity of the current status of the pandemic between vaccinated people and people not fully vaccinated remains apparent as 83% of hospitalized persons and 87% of the ICU admissions are unvaccinated.

Through May 17, approximately 2.3 million people in Orange County are now fully vaccinated representing approximately 72% of Orange County Residents. Further vaccinations have reduced significantly with the total vaccinated population increasing by only 0.5% in the last month. Statewide trends are similar with, approximately 28.3 million people in the State of California being fully vaccinated. The total State vaccinations are also very similar to the previous month.

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

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

• Illness – In total, since the beginning of the pandemic, 29 ETWD employees have contracted COVID.

 ETWD Health and Safety Protocols – The various surges in cases and the often evolving Health Orders that have come with them have made it very challenging for employers and employees alike. District employees continue to be reminded to follow all of the District's requirements and protocols. Staff is monitoring State and local health officials as well as OSHA for further modifications.

Emergency Administrative Leave –

Staff is recommending the Board authorize the General Manager to provide an additional 160 hours of EAL per month per employee, as necessary for the next three months. Further consideration of the EAL requirement will be considered based on current conditions at the August 25, 2022 Board meeting.

Recommended Action: Staff recommends that the Board of Directors grant the General Manager discretion to extend the use of Emergency Administrative Leave, as necessary up to 160 hours per employee per month, until the May 26, 2022 meeting of the Board of Directors.

GENERAL MANAGER'S REPORT

May 2022

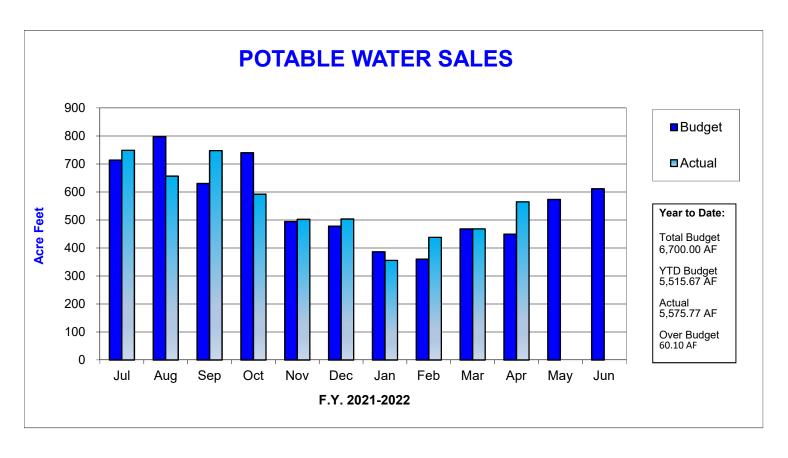
I. OFFICE OF THE GENERAL MANAGER

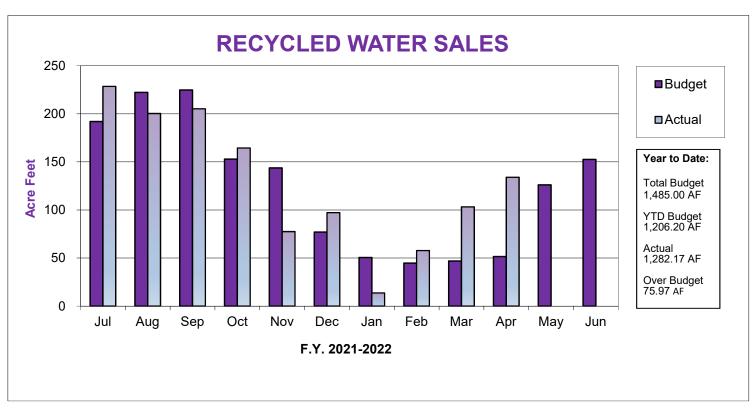
- Attended ACWA Spring Conference
- Attended MWDOC Planning & Operations Committee Meeting
- Attended MWDOC Administration and Finance Committee Meeting
- Attended MWDOC Annual Water Supply and Demand Assessment Workshop
- Attended MWDOC Board Meeting
- Attended Meeting of SOCWA Task Force
- Attended SOCWA Finance Committee Meeting
- Attended Meetings with California Department of Finance Office of State Audits and Evaluations
- ETWD Tertiary Disinfection Optimization Project Kickoff
- Attended Meeting with Black & Veatch Regarding Asset Management
- Attended Meeting with IRWD Regarding SOCWA
- Attended Filter Plant Project Design & Cost Estimate Meeting
- Attended ETWD RRC Meeting
- Attended ETWD Budget Committee Meeting
- Attended ETWD Special Board Meeting
- Attended ETWD Agenda Review Meeting
- Attended ETWD Engineering and Finance Meetings
- Attended ETWD Board Budget Workshop Meeting
- Attended ETWD Board Meeting

II. DOMESTIC AND RECYCLED WATER SALES

Actual domestic sales for the year-to-date as of April 30, 2022 are 5,575.77 acre-feet. This compares to year-to-date budgeted domestic sales of 5,515.67 acre-feet. The year-to-date variation in actual to budgeted sales reflects an increase of 60.10 acre-feet. Actual sales are 370.11 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of April 30, 2022 are 1,282.17 acre-feet. This compares to year-to-date budgeted recycled sales of 1,206.20 acre-feet. The year-to-date variation in actual to budgeted sales reflects an increase of 75.97 acre-feet. Actual sales are 54.09 acre-feet higher than last year-to-date actual sales for the same period.





Customer Service Activity Report

	AI IVIL LULL	APRIL 2021	Telephone Calls	APRIL 2022	APRIL 2021
Serviceman Dispatched to Read,	5 7	70	Change of Service:	159	84
Connect/Disconnect Service	57	79	Connections and Disconnections		
Field Investigations:			Billing / Payments & Graph Inquires	273	158
Check for leaks - calls to CS			Assistance with online payments and		
Office:(irrigation,meter,street leaks)			ETWD's portal (cc, e-checks, other.)	15	15
Customer Responsible	22	18	, , , , , , , , , , , , , , , , , , , ,		
District Responsible	4	7	Variance / Adjustment Inquiries	30	29
None found/other	7	7	Variance / Adjustment Requests	7	8
	,	,	Processed	,	O
High Reads Checked - High Consumption	4.4	4.4	Ordinance Infraction / Water Waste	3	3
(Billing Dept.) Cust Leaks: _5_ No Leaks: _6_	11	41	Complaints		
Check Stopped Slowed Meters-Low					
Consumption (Billing)	2	21	Outside Utility Districts	114	58
Consumption (Billing)	2	21	Phone calls Transfer to other		
Re-Check Read	7	8	Departments within ETWD	69	58
Ordinance Infraction	1	3	Phone calls for the Board of Directors	0	0
Recycled Water	0	0	Recycled Water	3	0
Water Quality: Taste / Odor / Color	1	2	Water Quality Taste - Odor - Color	3	3
Phone response: _0_ Field response: _1_	'	2	Leaks / Breaks	39	16
Flooding (Hydrant) Meters issued	1	1	Flooding Meter calls (Hydrant)	0	1
Sewer - Odor/Stoppage/ Manhole Covers	2	3	Sewer Problems (odor / spills)	0	5
Meter Box: Lids / Covers Replaced	15	36	, ,	-	
·			Backflow / Cross Connection	0	
Meter Box Clean, Digout	13	7	(questions or yearly testing forms)	0	2
			ETWD facilities inquiries:		
Raised Meter Box	3	0	Boxes/Covers/Lids/Hydrants/Pump	3	12
			Stations/Graffiti/ "Gen. Maint"		
Trim Bushes / Meter Obstruction	32	19			
General Maintenance Response	9	11	Tyco (ADT) Calls	0	0
·			(Alarms to ETWD facilities)	-	
Fire Hydrants: Hit / Leaks / Caps	0	0	ATT Calls (access to tower sites)	0	0
Pressure(psi) Checks / Reads CSSOV (Angle Meter/Ball Valve/Gate	1	7	SCE Calls (access to tower sites) Pager Calls specifically for Pump	0	2
Valve/Globe Valve) chk,repair,replaced	7	8	Stations - SCADA	0	0
AMS angle-meter-stop replace/repair	1	0	Stations - SCADA		
Bees Removed	1	2			
Backflow / Cross Connection	8	8	Payment Extensions	0	2
- acimon / cross comission	Ü	Ü	Delinquent Payment Calls to Customer		_
Fogged Registers	33	30	's prior to shut off per billing calendar	230	199
33.1			(automatic courtesy dialer)		
			Return Calls from customers left on	24	0
OMCOP: Old Meter Change - Out Program	3	4	our voice mail system. Ext 500	24	9
Other: (uncommon non-maintenance calls)	2	6	Email Correspondence:	120	106
On-Call After Hrs. CS Response	15	23	Maintenance Service Order Requests	3	8
On Gail Alter Firs. Go Response	13	20	(bees, psi, fogged-dirty registers)	3	O
# 48/24 Hr. Door Hangers Hung	0	0	Misc. (other: employment, deliveries,	33	36
	-		sales calls)		
# Locked Off For Non-Pay (Disconnect) Removed Meter	0	0	Payment Processing Fee Complaints	0	0
New Meter	5 1	2 0			
	•				
Unread Meters	3	8	Total Talanhana Calls	4400	01.1
Total Field Investigations	267	361	Total Telephone Calls	1128	814
Uncollectible Accounts:			Credit Card Payments	APRIL 2022	APRIL 2021
Budget YTD	\$16,667.00	\$ 16,667.00	REGULAR	1,049 \$186,354.54 923	\$97,421.33

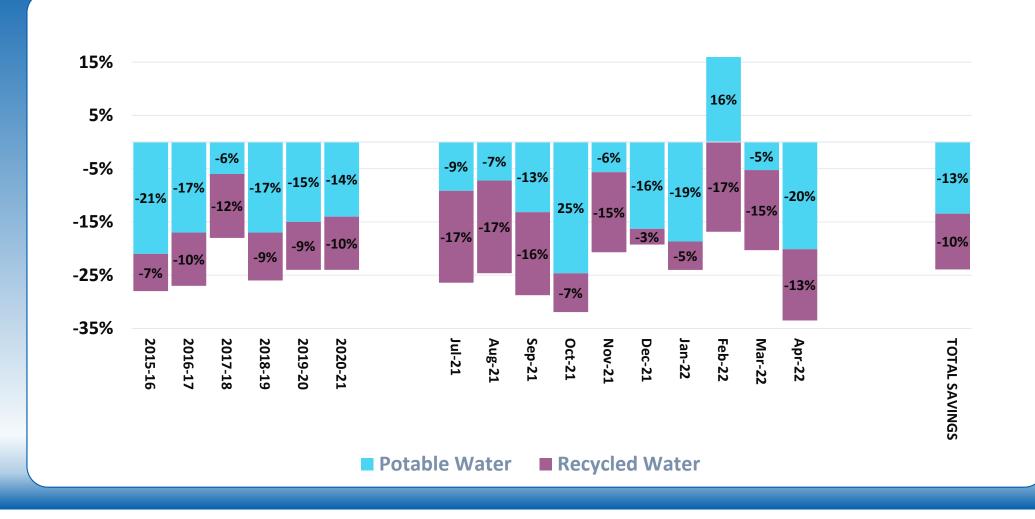
(WRP) Tertiary Treatment Plant

April-22

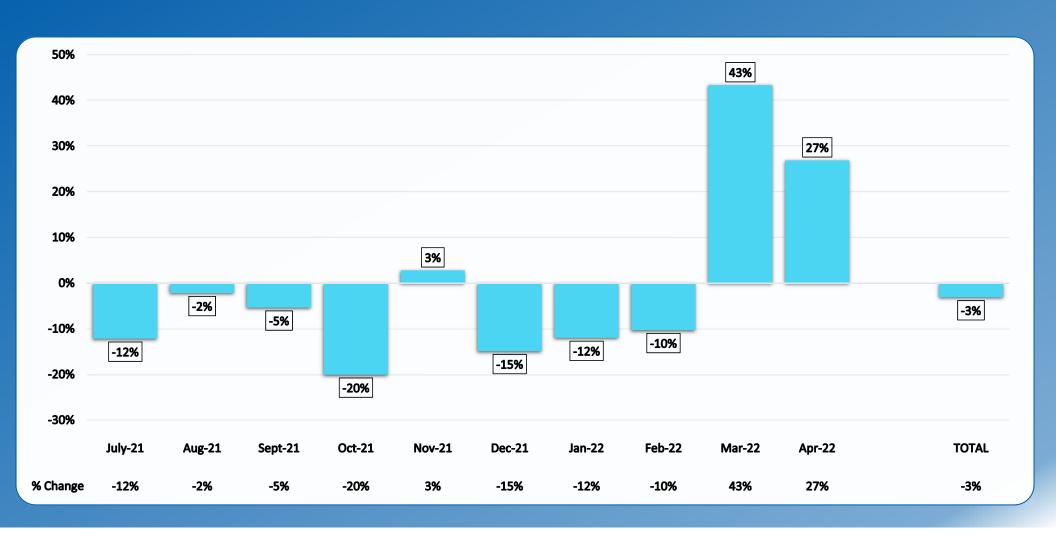
Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production		
Avg. Daily Q, MGD	0.400	1.200	0.089	1.689		
Total Q, MG	11.985	36.005	2.659	50.649		
Total Acre Feet	36.781	110.495	8.160	155.436		
* Note: A total of 390,600 gallons of potable make-up water was used to supplement						
the recycled water demand for the month of April.						

ETWD WATER USAGE COMPARED TO 2013



ETWD WATER USAGE COMPARED TO 2020

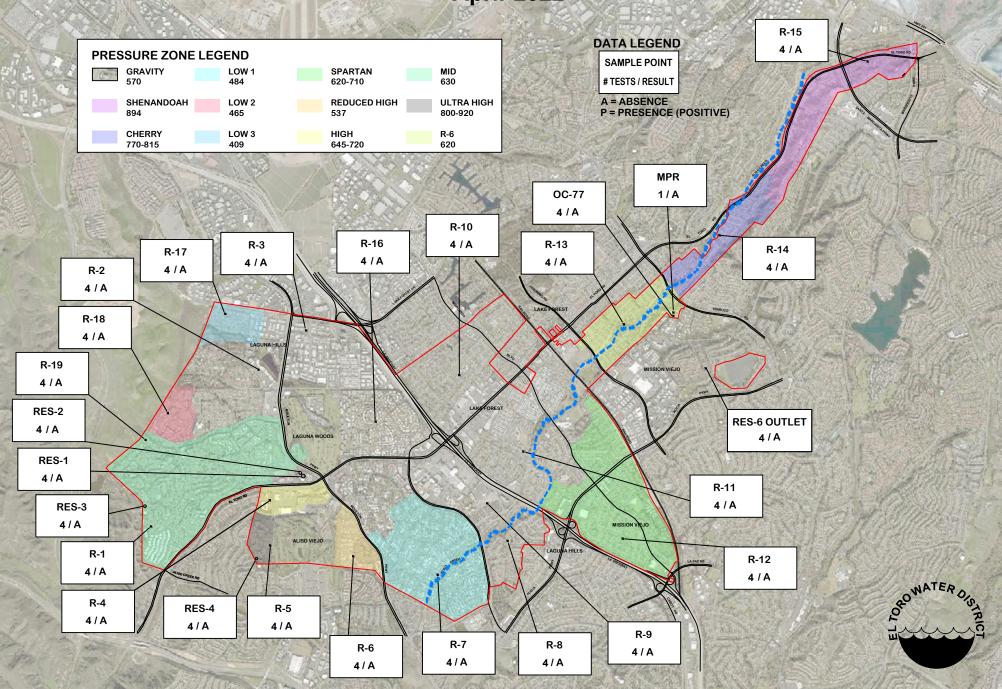


March represented a 20% reduction relative to the 2013 Benchmark but a 43% increase relative to 2020.

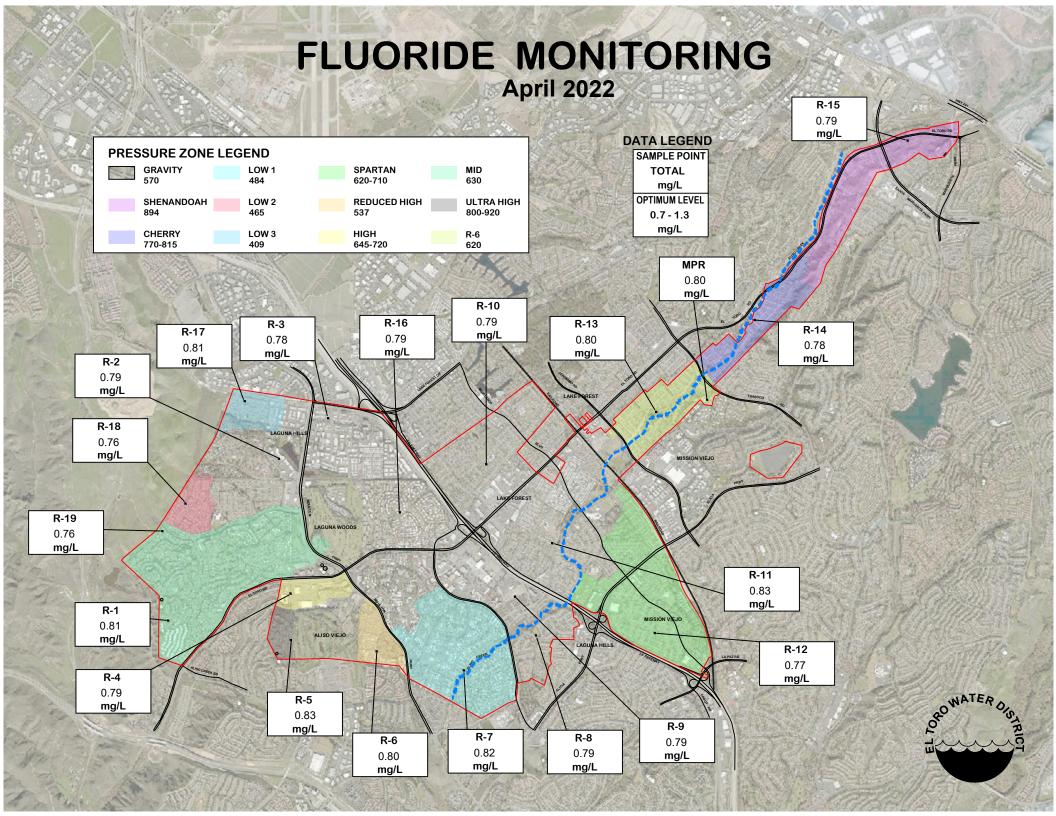
April represented a 33% reduction relative to the 2013 benchmark but a 27% increase relative to 2020.

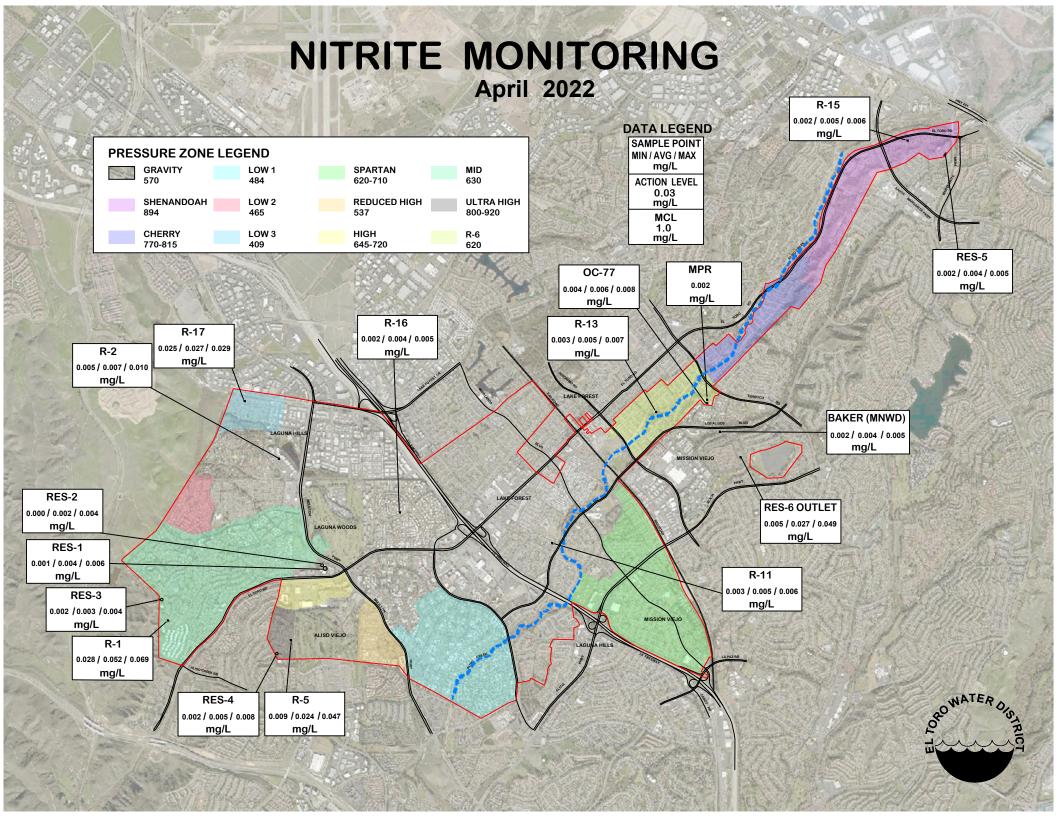
There was significantly greater precipitation in March/April of 2020 (7.4") than in 2022 (1.7")

MICROBIOLOGICAL MONITORING April 2022



CHLORINE RESIDUAL MONITORING April 2022 1.78 | 2.07 | 2.47 mg/L **DATA LEGEND** PRESSURE ZONE LEGEND SAMPLE POINT LOW 1 **GRAVITY SPARTAN** MIN / AVG / MAX 484 620-710 630 mg/L SHENANDOAH LOW 2 **REDUCED HIGH ULTRA HIGH** MCL 4.0 mg/L 800-920 MIN 0.2 mg/L CHERRY LOW 3 HIGH R-6 770-815 645-720 620 409 MPR RES-5 2.35 OC-77 1.56 / 1.80 / 2.08 mg/L mg/L 2.07 / 2.22 / 2.36 mg/L R-10 R-16 1.86 | 2.07 | 2.23 R-17 ma/L 1.66 / 1.87 / 2.06 2.12 / 2.47 / 2.99 0.90 / 1.79 / 2.72 1.60 / 2.29 / 2.91 0.71 / 1.35 / 1.84 R-2 mg/L mg/L mg/L mg/L mg/L 1.28 / 1.70 / 2.23 mg/L R-18 1.39 / 1.75 / 2.31 BAKER (MNWD) mg/L LAGUNA HIL 2.22 | 2.29 | 2.33 mg/L R-19 0.35 / 0.90 / 1.59 mg/L RES-2 **RES-6 OUTLET** 0.00 / 1.02 / 2.15 0.04 / 1.18 / 2.62 mg/L mg/L RES-1 1.75 / 2.10 / 2.35 R-11 mg/L 2.00 / 2.31 / 3.05 RES-3 mg/L 1.45 / 1.68 / 1.95 mg/L R-1 R-12 0.71 / 1.21 / 1.54 1.98 / 2.34 / 3.10 mg/L mg/L R-4 RES-4 R-5 1.74 / 1.95 / 2.07 1.75 / 1.99 / 2.15 1.18 / 1.45 / 2.00 mg/L R-9 mg/L mg/L **R-7** R-8 R-6 2.03 / 2.31 / 2.96 1.33 / 1.59 / 1.88 2.00 / 2.04 / 2.07 1.65 / 1.84 / 2.04 mg/L mg/L mg/L 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.
- Compliance

3) TTHM & HAA5 The U.S. Environmental Protection Agency (EPA) published the Stage 2 Disinfectants and Stage 2 DBPR 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-iological 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:	APRIL	YEAR: 2022			
CONSTITUENT		INSIDE LAB		OUTSIDE LAB		
ANALYSIS	MCL	NO.	RESULTS	NO.	RESULTS	
1 Microbiological	Pres/Absence	149	Absence		Average	
2 Chlorine (ppm)	Detectable Resid	149	Average = 1.86 ppm			
3 TTHM (ppb) (Stage 2)	80 ppb				ppm	
3 HAA5 (ppb) (Stage 2)	60 ppb				ppm	
4 Physical Quality:			RANGE			
Turbidity (ppm)	5 NTU	20	0.02 to 0.10 Res.			
Odor	3 Units	20	ND<1			
Color	15 Units	20	ND<5			
Temperature	No standard	20	60.0°F To 69.0°F			
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	132	0.001 to 0.049 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

DO WATER OF THE PARTY OF THE PA

MONTH ENDING:	AP	RIL	2022		
ODOR COMPLAINTS	MONTHLY	ANNUAL	LOCATION, ORIGIN, ACTION:		
Outside Laguna Woods Village	3	7		oring LF. 23852	Sycamore Dr.
Cutside Laguria VVOcus Village	<u> </u>	,	MV. 23852 Sy	camore.	
	2	2		ragon LW, 250	Calle Aragon
Laguna Woods Village		_	LW		
New World	0	0			
Private System Other: WRP	0	0			
TOTAL	5	0 9			
TOTAL	3	_			
ROOT FOAMING	FOOTAGE	CHEMICAL USED	COMMENTS	3	
Outside Laguna Woods Village	0	0			
Laguna Woods Village	0	0			
New World	0	0			
Other	0	0			
TOTAL	0	0			
ROOT CUTTING	FOOTAGE	COMMENT	S:		
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	408,849	119%	69%
Laguna Woods Village	0	263,336	247,368	94%	69%
New World	0	7,728	5,591	72%	69%
Private System	0	7,720	0	1270	3070
TOTAL	0	615,495	661,808	108%	69%
Hot Spots	16,116	010,100	430,618	10070	3370
COMBINED TOTALS:	16,116		1,092,426		
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	5,880	344,431	115,532	34%	17%
Laguna Woods Village	0	263,336	3,321	1%	17%
New World	8,424	7,728	17,270	223%	17%
Private System	0		0		
Other	0		0		
TOTAL	14,304	615,495	136,123	22%	17%
Wet Well Cleaning	0				-
Flow Meter/Sampling	0				
Water Tank Fills 21	21,000				

^{1.} The Hydrocleaning Objective is a 2 Year Cycle to Clean the Entire System.

The current cycle began on 07/01/2020

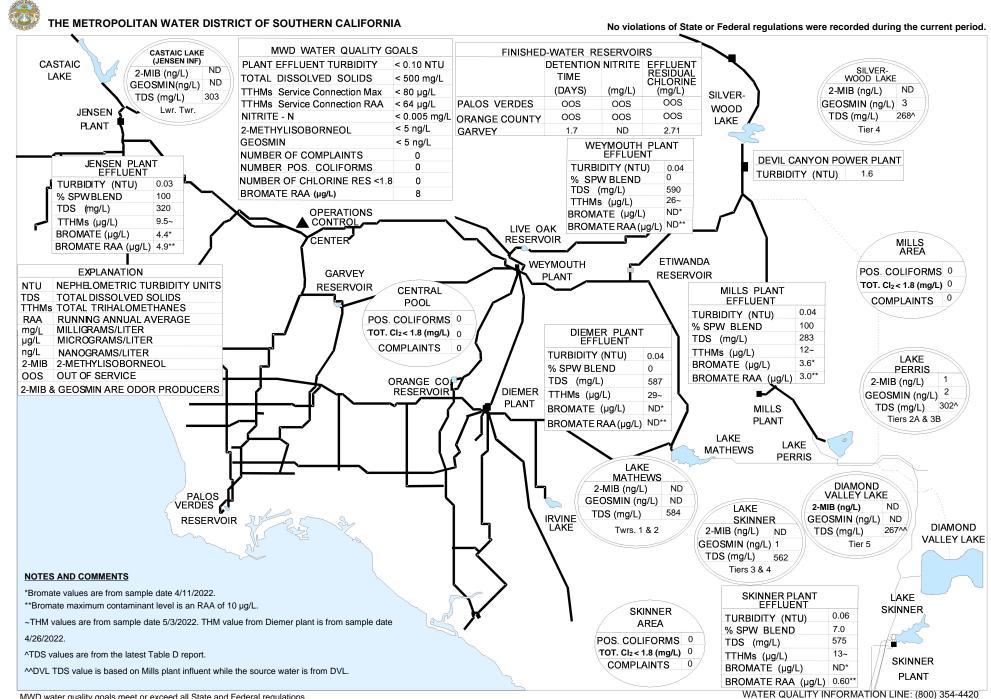
² The TV Inspection Objective is a 5 Year Cycle to Inspect the Entire System.
The current cycle began on 01/25/2021

Weekly Water Quality System Status

Wednesday, May 11, 2022

Generated On:5/12/2022 3:13:02 PM

VISIT MWD ON THE WEB AT http://www.mwdh2o.com



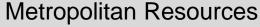
State Water Project Resources

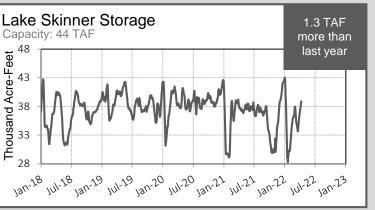
WATER SUPPLY CONDITIONS REPORT

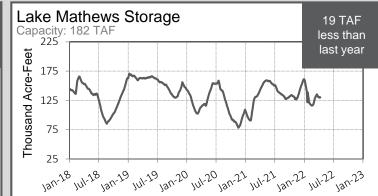
Water Year 2021-2022 As of: May 10, 2022

Colorado River Resources

Projected CRA Diversions - 1,135,000 AF

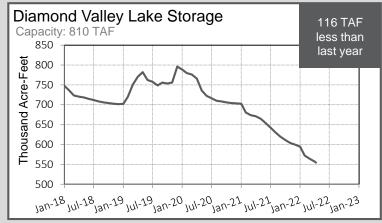






MWD WSDM Storage Calendar Year 2022

	Take Capacity
Colorado River Aqueduct Delivery System	351 TAF
State Water Project System	185 TAF
In-Region Supplies and WSDM Actions	426 TAF
Other Programs	10 TAF
Total WSDM Storage Take Capacity	972 TAF



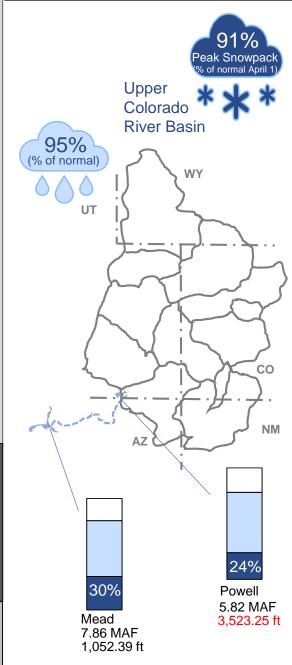
Highlights

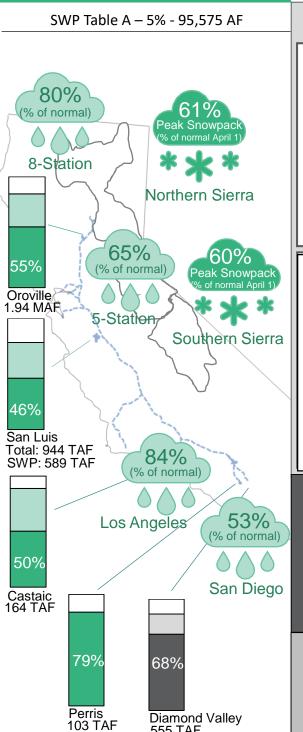
- Sacramento river runoff forecast increased to 60% of normal
- · Powell unregulated inflow forecast decreased to 62% due to below normal precipitation in April
- For more information on the current drought:
 - https://www.mwdh2o.com/planning-for-tomorrow/how-we-plan/drought/



This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information

http://www.mwdh2o.com/WSCR



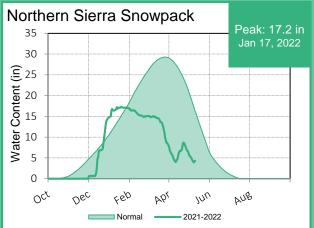


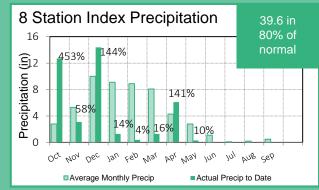
Diamond Valley

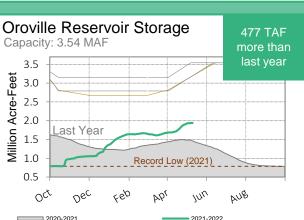
555 TAF

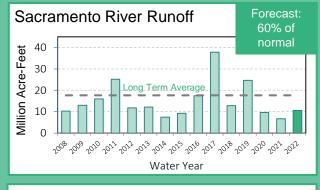
State Water Project Resources

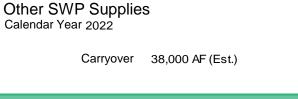
As of: 05/10/2022

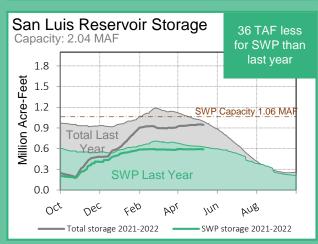


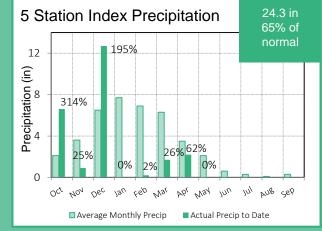






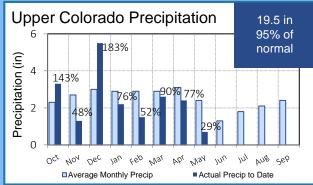


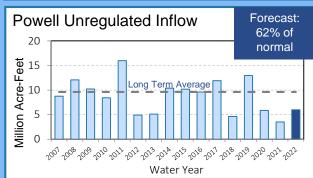


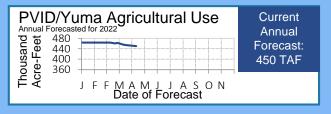


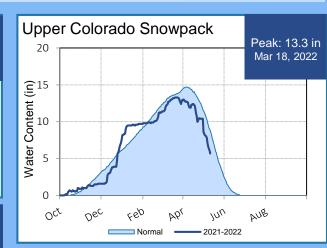
Colorado River Resources

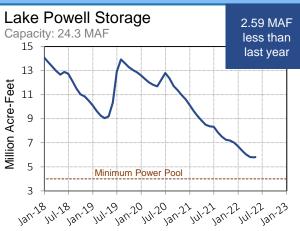
As of: 05/10/2022











Projected Lake Mead ICS

Calendar Year 2022

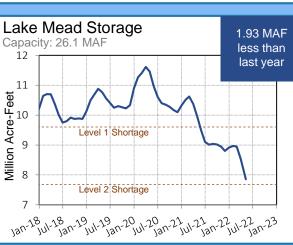
Put (+) / Take (-) -120,000 AF

Lake Mead Surplus/Shortage Outlook

	2022	2023	2024	2025	2026
Surplus	0%	0%	0%	0%	0%
Shortage	100%	100%	93%	93%	93%
Metropolitan DCP*			60% 245 TAF	63% 287 TAF	60% 295 TAF

Likelihood based on results from the corrected February 2022 CRMMS in Ensemble Mode/CRSS model run. Includes DCP Contributions, Only includes 500+ Plan items implemented to de

* Chance of required DCP contribution by Metropolitan. Volume is average contribution when needed.



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



Memorandum

DATE: May 17, 2022

TO: Member Agencies – MWDOC Division Five

FROM: Sat Tamaribuchi, Director – Division Five

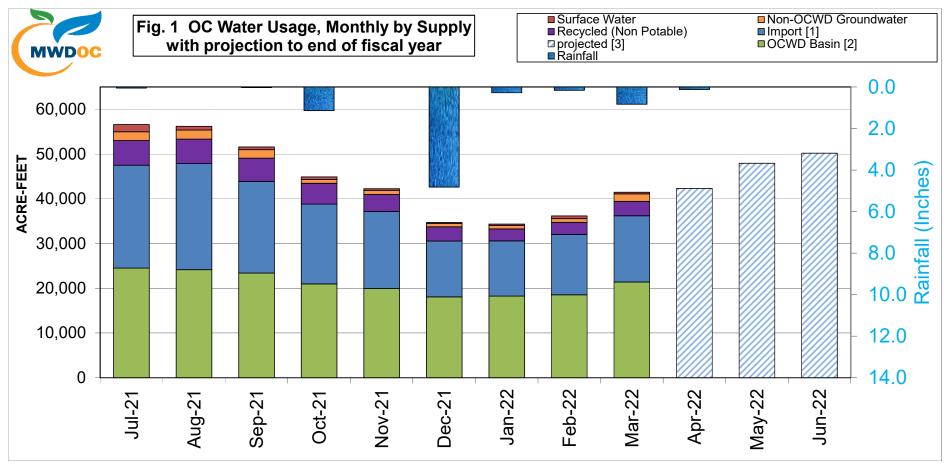
SUBJECT: Monthly Water Usage Data, Tier 2 Projection & Water Supply Information

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

- OC Water Usage, Monthly by Supply oCWD Groundwater was the main supply in March.
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in March 2022 was above average compared to the last 5 years. We are projecting a 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 539,000 AF in FY 2021-22 (this includes ~11 TAF of agricultural usage and non-retail water agency usage). This is about 21,000 AF less than FY 2020-21 and is about 6,000 AF more than FY 2019-20. Water usage per person is projected to be slightly lower in FY 2021-22 for Orange County at 152 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 period of 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.

<u>Water Supply Information</u> 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.

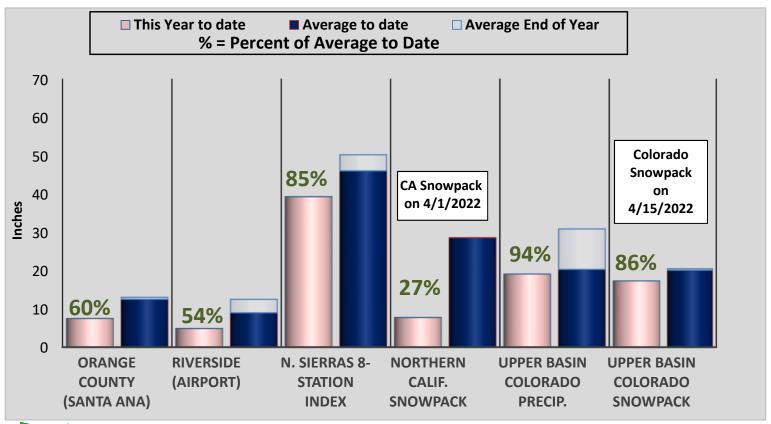
- Orange County's accumulated precipitation through early May was below average for this period. Water year to date rainfall in Orange County is 7.43 inches, which is 60% of normal.
- Northern California accumulated precipitation through early May was 85% of normal for this period. Water Year 2021 was 48% of normal while water year 2020 was 63% of normal. The Northern California snowpack was 27% as April 1st, 2022. As of late March, 100.0% of California is experiencing moderate to extreme drought conditions. The State Water Project Contractors Table A Allocation was decreased in March to 5% for WY 2022.
- Colorado River Basin accumulated precipitation through early May was 94% of normal for this period. The Upper Colorado Basin snowpack was 86% of normal as of April 15th 2022. Lake Mead and Lake Powell combined have about 41.0% of their average storage volume for this time of year and are at 27.4% of their total capacity. For the first time on the Colorado River, Lake Mead's levels have fallen below the "trigger" limit of 1,075 ft. at the end of a calendar year. The US Bureau of Reclamation (USBR) has declared a shortage at Lake Mead, impacting Colorado River water deliveries to the Lower Basin states. Lake Mead as of early May, were 20.79' BELOW the "trigger" limit. The USBR has declared a shortage on the Colorado River staring January 1st 2022. There is and a 100% chance of shortage continuing in 2023, 93% in 2024, 93% in 2025 and 93% in 2026.



- [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.

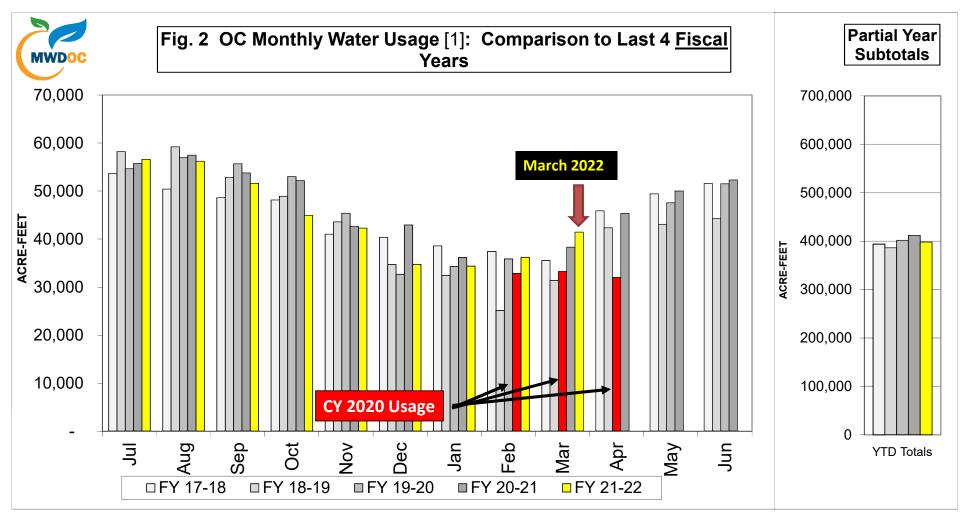
Accumulated Precipitation

for the Oct.-Sep. water year, early May 2022

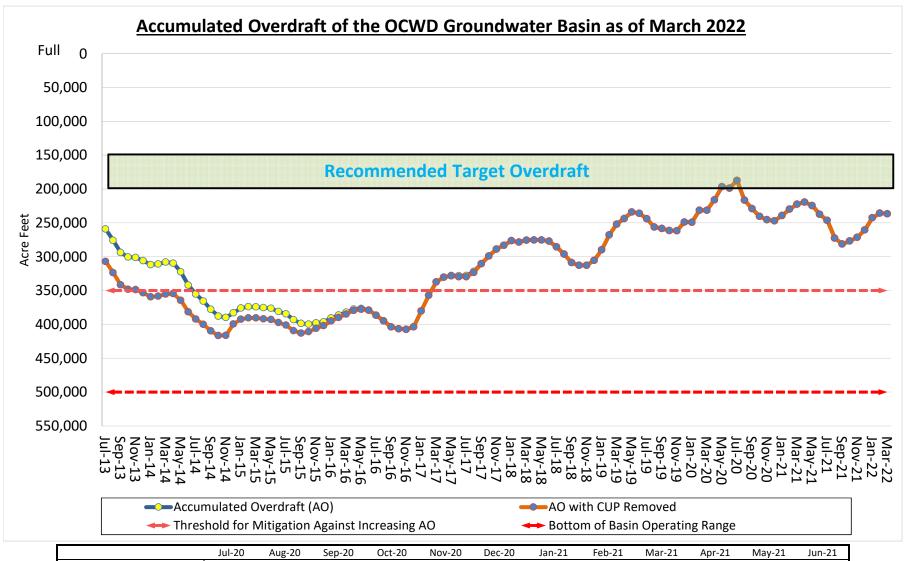




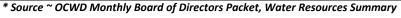
^{*} The date of maximum snowpack accumulation (April 1st in Northern Calif., April 15th in the Upper Colorado Basin) is used for year to year comparison.



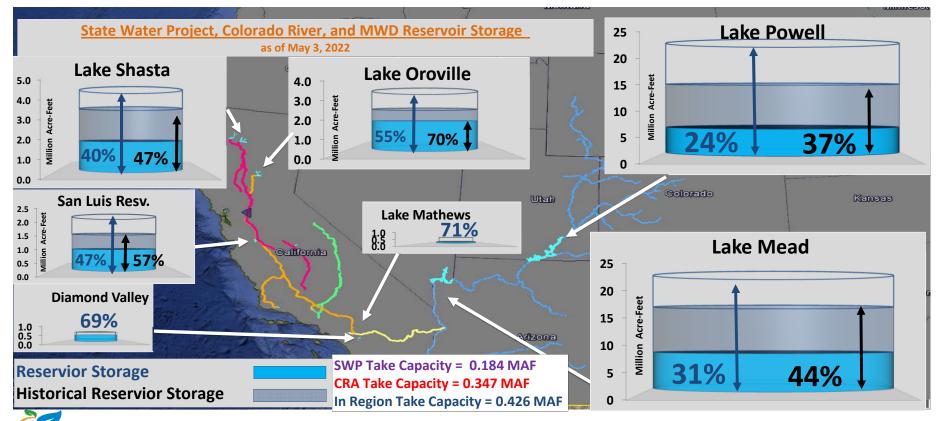
^[1] Sum of <u>Imported</u> water for consumptive use (includes "In-Lieu" deliveries; excludes "Direct Replenishment "and "Barrier Replenishment") <u>and Local</u> water for consumptive use (includes recycled and non-potable water and excludes GWRS production) Recent months numbers include some estimation.



	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	272,443	281,354	276,909	271,455	260,387	242,511	235,744	236,708			
AO w/CUP removed (AF)	246,350	272,442	281,354	276,909	271,455	260,387	242,510	235,744	236,708			

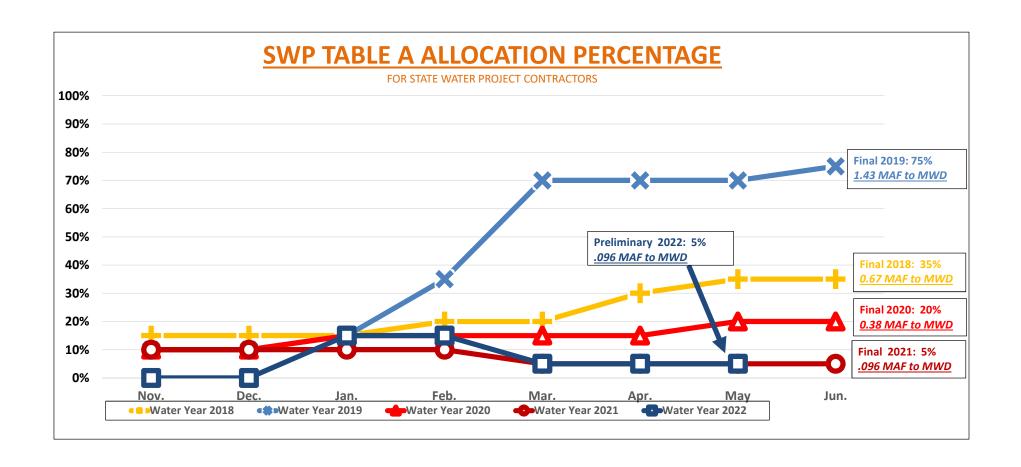


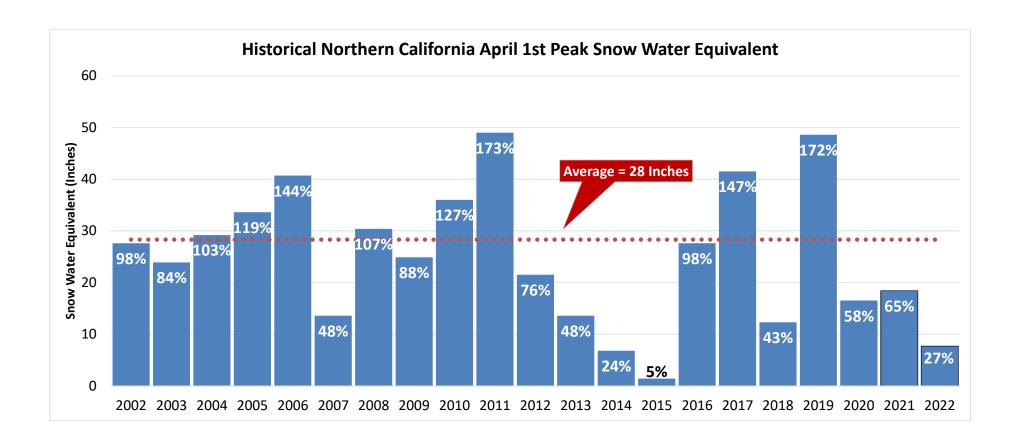


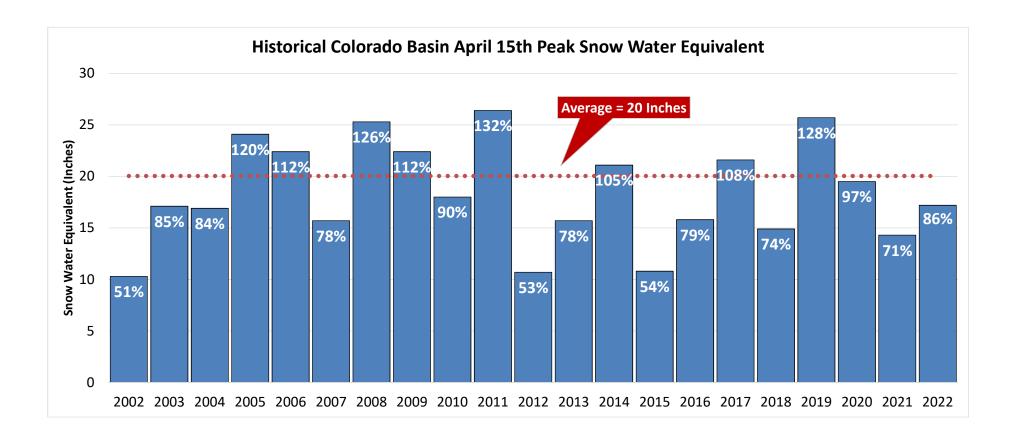


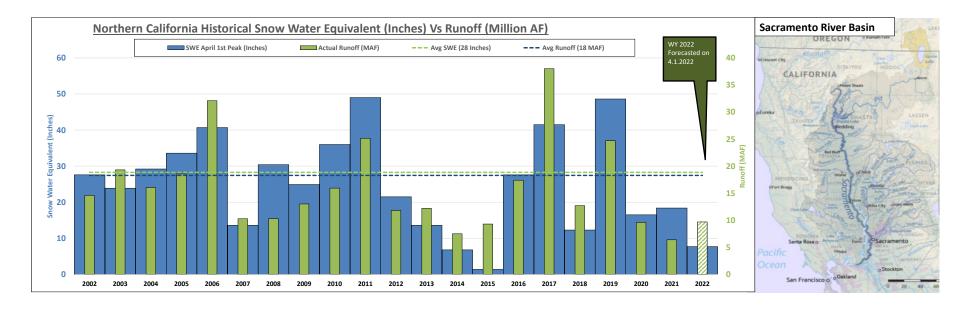
prepared by the Municipal Water District of Orange County *Number are Subuject to Change

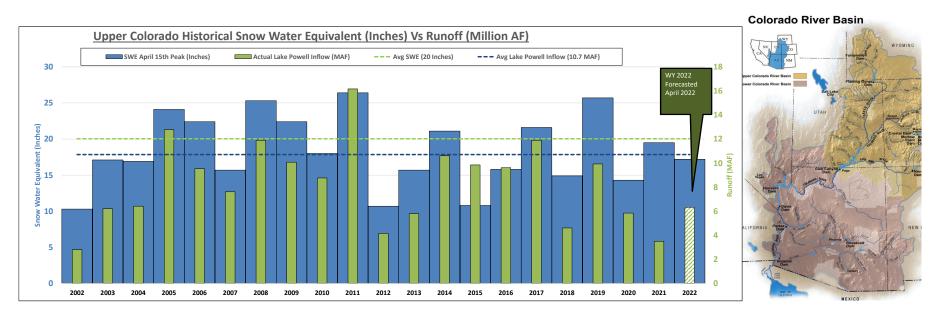
MWDOC

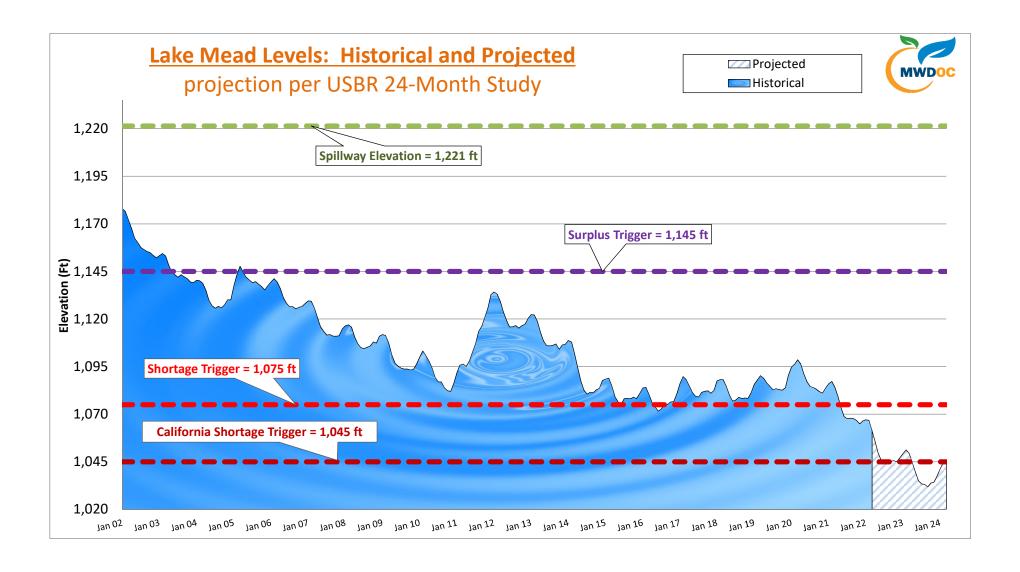


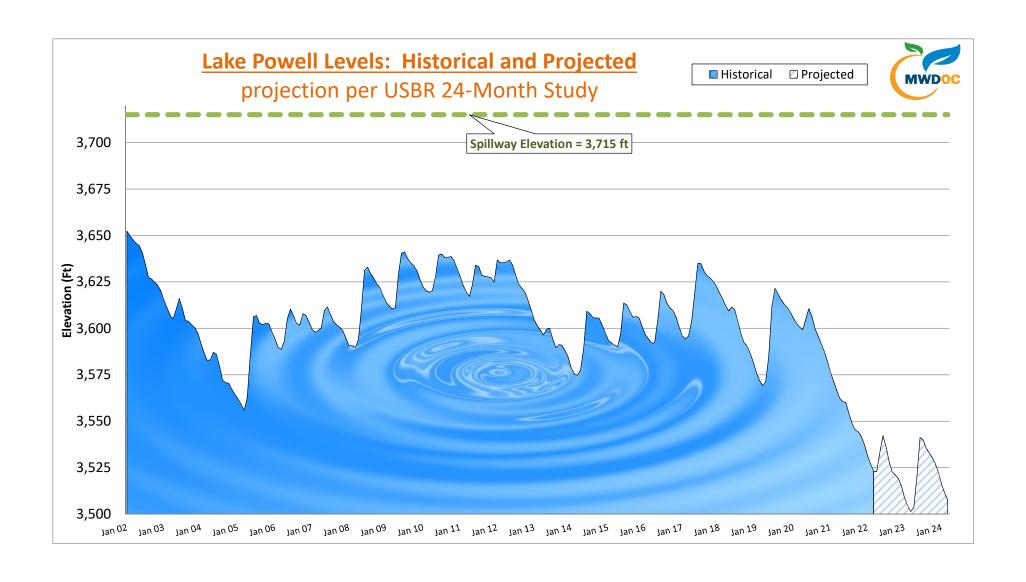


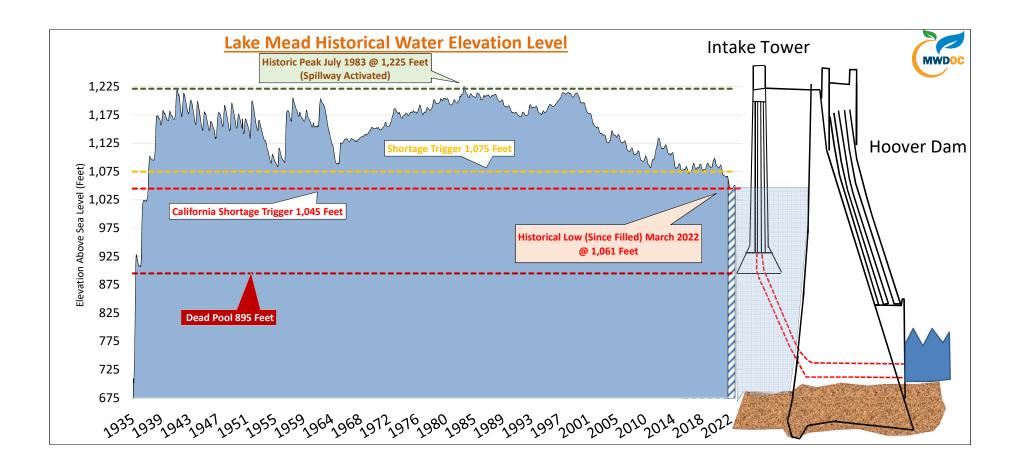












WILL SERVE SUMMARY REPORT APRIL 2022

PROJECT NAME	PROJECT DESCRIPTION	PHASE	CFF	
Arbors Access Ramp	Adding a 1-1/2" water service connection with backflow protection and connecting to the existing private sewer service	Construction	\$	28,785
Burger Town Sewer Connection	Addition of a 4" sewer lateral	Construction	\$	-
Twin Peaks Plaza Improvements	Conversion of existing fuddruckers into 3 tenants. Project will convert existing services to use (3) 1" meters and add a fire service.	Construction	\$	3,582
Heritage Medical Offices Oakbrook Village Suite H	Upgrade the existing service to a 2-inch and add backflow.	Close-Out	\$	24,289
Hunter Court Relocation of Water and Sewer Facilities	Relocation of two existing fire hydrants and backflow device in a parking lot	Close-Out	\$	-
Kiddie Academy	Conversion of existing 1" meter into a 1-1/2" meter with backflow protection	Close-Out	\$	5,126
Laguna Woods City Hall- Library Project	Addition of a 2,100 sq ft single story library with relocated fire service and relocating a fire hydrant	Construction	\$	4,391
Mountain View Housing	Development of affordable housing to include a fire hydrant, multiple water meters, a fire service with backflow protection, and a 2" irrigation meter	Construction	\$	79,582
Target	Addition of an irrigation service, fire services, and potable water services	Construction	\$	28,960
The Village at Laguna Hills	Development consisting of installation of various sized watermains, domestic services, fire services, irrigation services, and sewer services	Plan Check	Not Yet (Calculated

WILL SERVE SUMMARY REPORT APRIL 2022

PROJECT NAME	PROJECT DESCRIPTION	PHASE	CFF
Womens Health Pavilion	New construction of a health pavilion with water services, irrigation services, sewer services, and fire water services.	Construction	\$ 21,856
Laguna Hills Inn Fire Sprinkler Upgrade	Fire System upgrades including conversion of a fire hydrant to private and addition of a 6-inch DCDA	Construction	\$ -
Island Pacific Market	Tenant Improvement conversion of a retail space into a market	Plan Check	Not Yet Calculated
Mercado El Rey Expansion	Expansion of the market	Plan Check	Not Yet Calculated

EL TORO WATER DISTRICT UNAUTHORIZED DISCHARGE SUMMARY **YEAR OF 2022**

DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	PREVIOUS MAINTENANCE POST-INCIDENT PREVENTIVE MEASU		POST-INCIDENT PREVENTIVE MEASURES	RWQCB		SPILL VOLUME (PUBL Gallons		SPILL VOLUME (PRIVATE) Gallons		REGULATORY NOTIFICATION AND RESPONSE
						CLEANING	TV	1			CONTAINED	SPILLED	CONTAINED	SPILLED	
January			No Spill												
February			No Spill												
March			No Spill												
April 16th	Private	Recycled Water	2393 Via Mariposa West, LH	Broken Irrigation Pipe	Turned off irrigation meter, leaked stopped. Placed sandbags down at storm drain.			Spoke to security and Laguna Woods who will fix the leak	8	Storm Drain			0	50	None. Was not 50,000 gallons or more as per our the WDR requires.
April 29th	Public	Sewage	23201 Ridge Route Dr. Laguna Hills Northline Station	Leak in the collar joint	Brought out vactor to dig down to the the area of the leak. Leak was contained in the area above station and in the slope dirt.			Contractors will be going out Monday May 2nd over night to fix the leak. Oncall staff monitored the area over the weekend.	8	Dirt area surrounding Northline Station	250				City of Laguna Woods, Laguna Hills, OCEH and Region 8
LEGEND											250	0	0	50	
S.DC = San Dieg		RES. = Resident		R.S. = Rocks				•	•		•		•		-
S.D. = Storm I		C. = Commer	cial		um Water Deposits										
A.C. = Aliso Ci		S.B. = Siphon	••	B.P, = Broken											

B.P., = Broken Pipe
U.W. = Untreated Water

R. = Roots

P. = Paper

P.F. = Power Failure

G.B. = Grease Blockage

S. = Sticks

TESLA

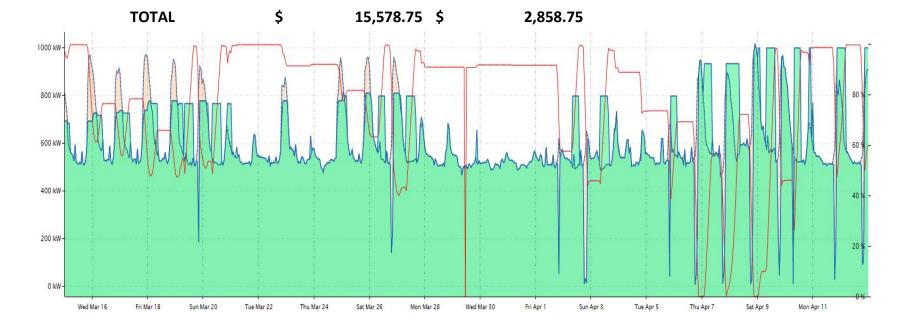
WRP BATTERY STORAGE SYSTEM

MONTHLY REPORT

April, 2022

Year 3

BILLING PERIOD	BILL SAVINGS	NET SAVINGS
08/12/21 - 09/13/21	\$ 3,251.24	\$ 1,661.24
09/13/21 - 10/13/21	\$ 4,754.89	\$ 3,164.89
10/13/21 - 11/12/21	\$ 2,940.99	\$ 1,350.99
11/12/21 - 12/14/21	\$ 1,998.24	\$ 408.24
12/14/21 - 01/14/22	\$ (650.06)	\$ (2,240.06)
01/14/21 - 02/11/22	\$ 79.50	\$ (1,510.50)
02/11/22 - 03/14/22	\$ 647.34	\$ (942.66)
03/15/22 - 04/13/22	\$ 2,556.61	\$ 966.61



Sewerage Treatment Plant





23542 Moulton Pkwy, Laguna Woods, CA 92637

Savings Report - 2022-04

Mar 15, 2022 - Apr 13, 2022

SCF TOU 8 Option D (< 2kV)

					SCE TOU 8 O	ption D (< 2kV)
Demand Charges	Before St	orage	After Sto	orage	Savin	gs
Maximum Demand Charges	1,015kW	\$19,841.50	1,020kW	\$19,930.80	(5)kW	\$(89.30)
Winter Mid-Peak (Weekdays)	973kW	\$10,262.44	756kW	\$7,975.80	217kW	\$2,286.64
Sub-total		\$30,103.94		\$27,906.60		\$2,197.34
Energy Charges	Before St	orage	After Sto	orage	Savin	gs
Winter Mid-Peak	81,626kWh	\$9,457.18	61,145kWh	\$7,084.27	20,481kWh	\$2,372.91
Winter Off-Peak	204,063kWh	\$21,269.51	209,810kWh	\$21,868.48	(5,747)kWh	\$(598.97)
Winter Super Off-Peak	120,714kWh	\$9,945.60	137,884kWh	\$11,360.28	(17,170)kWh	\$(1,414.68)
Sub-total		\$40,672.29		\$40,313.03		\$359.27
Other Monthly Charges	Before St	orage	After Sto	orage	Savin	gs
Customer and Other		\$747.89		\$747.89		\$ -
Sub-total		\$747.89		\$747.89		\$ -
Total	Before St	orage	After Sto	orage	Savin	gs
		\$71,524.13		\$68,967.52		\$2,556.61

Note: The above data is calculated by Genability using utility meter data. If there were any gaps in the utility data, they were filled with Stem meter data. Your actual utility bill may look different from the data displayed above due to either issues in the utility data we were provided or in the Stem meter data collected. Some discrepancies are normal and to be expected. For this reason, Stem completes a thorough review of all data and reconciles discrepancies by comparing the Genability calculations of the energy storage system cost savings and total bill values with your utility bills. If you have an outstanding performance guarantee term, any discrepancies identified are adjusted for differences and reflected in your true up term statement.



To: Board of Directors, *Municipal Water District of Orange County*

From: Natural Resource Results

RE: Monthly Board Report – May 2022

STREAM Act

We reported on the STREAM Act in our last report and expected it to be introduced by now but that has not occurred. Feinstein staff is still ironing out the details of the language and have indicated that they hope to have the bill introduced in May. Once the bill is formally introduced, we will bring it to the MWDOC board to take a position on.

WEROC

In mid-April, MWDOC staff did a series of meetings with Senator Feinstein and Senator Padilla's offices to brief them on the Congressionally Directed Spending (CDS) request that we had submitted to each office. Senator Feinstein's staff tipped us off some conversations that they had been a part of with Cal OES and based on those conversations, we determined that Cal OES didn't fully understand our project. Thanks to Vicki Osborn's great connections at Cal OES, we believe that we were able to immediately address the misunderstanding, putting us back on the right track. Senate offices will have to submit their CDS requests to the Senate Appropriations Committee in mid-May and we are cautiously optimistic that both Senators will request funding for the WEROC EOC.

Colorado River

On April 22, the seven basin states sent a letter to Assistant Secretary Tanya Trujillo expressing support for the release of 500,000 acre-feet of water from Flaming Gorge reservoir as well as a 480,000-acre-foot reduction to the 2022 water year release from Glen Canyon Dam to reduce further risk of water levels dropping. In addition, the letter urges Reclamation to implement timely evaluation of any needed maintenance to water delivery and hydropower generation infrastructure at Glen Canyon Dam and Lake Powell. A decision from the Department of the Interior regarding these recommendations is expected in the next few weeks.



To: Municipal Water District of Orange County

From: Syrus Devers, Best Best & Krieger

Date: May 2nd, 2022 Re: Monthly Report

Legislative Report

Much of this report will focus on water conservation, beginning with SB 1157 (Hertzberg). In committee testimony Senator Hertzberg stated he was carrying the bill at the request of the administration and would not consider amendments. Despite pointed questions from Democrats on the Sen. Natural Resources and Wildlife Committee, and one Democrat Senator announcing he could not support the bill, SB 1157 passed on a party-line vote, including an AYE vote from the Senator who said he could not support it. The bill passed the Senate Floor in like manner. The bill now goes to Assembly Water, Parks, and Wildlife where anything could happen. The committee has a new Chair in Assm. Rebecca Bauer-Kahan. Assm. Laura Friedman, the former author of the bill is a member, as is Assm. Blanca Rubio who initially agreed to introduce a bill at the request of ACWA. It is a large committee with 15 members, a few of whom are in their first term. For these reasons outcomes are hard to predict.

Administrative Report

The State Water Resources Control Board (SWRCB) heard testimony regarding statewide conservation for February at the Board meeting on April 13th. There was little statewide progress on conservation with water use down .5% compared to February 2020. The San Francisco Bay Area showed improvement with a reduction of 10% from 2020, while the South Coast region conserved .2%. The Sacramento River region actually increased use over 2020 by 6.7%.

Board members also questioned the Office of Policy and Research (OPR) about the connection between water conservation, median household incomes (MHI), and water rate structures. The answers were full of qualifying statements that the data did not neatly fit a clear pattern, which usually lets everyone hear what they want to hear. For example, there is an association with increased water consumption and higher MHI, but not in the San Francisco Bay Area, which is a higher per capita income region with some of the lowest water usage in the state. Another line of questioning looked at volumetric pricing and found that customers who use the most water end up paying less per gallon than those who conserve. OPR made a sincere attempt to explain that fixed costs make up a larger percentage of the

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rates in water districts that use less water, but if a person walked into the hearing wanting to believe that wealthy people use more water and pay less for it, they probably walked out feeling they had the evidence they needed.

In other news, the Water Supply Index Forecast (Bulletin 120) for the April-July period is estimated to be 41% of the historic average, and the Water Year runoff is estimated to be 54% of average. The recent rains are expected to change the estimates by as little as .5%.

systems. The webinars will be given on November 20th and December 14th. Please let BB&K staff know if any board member has an interest in participating.

MWDOC

Bill Matrix

Prepared by BestBest&Krieger, April 26, 2022

A. Priority Support/Oppose

Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
AB 1845	Calderon D	Metropolitan Water District of Southern California: alternative project delivery methods.	4/5/2022-	3/23/2022- A. W.,P. & W.	Current law authorizes certain entities, including the Department of General Services, the Military Department, the Department of Corrections and Rehabilitation, and specified local agencies, to use the design-build procurement process, as prescribed, for specified public works. This bill would authorize the Metropolitan Water District of Southern California to use the design-build procurement process for certain regional recycled water projects or other water infrastructure projects. The bill would define "design-build" to mean a project delivery process in which both the design and construction of a project are procured from a single entity. The bill would require the district to use a specified design-build procedure to assign contracts for the design and construction of a project, as defined.	Support	A. Priority Support/ Oppose	Support adopted on March 2nd
AB 1944	Lee D	Local government: open and public meetings.	4/19/2022- Re-referre d to Com. on L. GOV.	2/18/2022- A. L. GOV.	The Ralph M. Brown Act contains specified provisions regarding the timelines for posting an agenda and providing for the ability of the public to observe and provide comment. The act allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public be allowed to address the legislative body at each teleconference location, that the legislative body post an agenda at each teleconference location, that the legislative body post an agenda at each teleconference location, and that at least a quorum of the legislative body participate from locations within the boundaries of the local	Analysis	A. Priority Support/ Oppose	Amended on 4/18/2022

					agency's jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. This bill would require the agenda to identify any member of the legislative body that will participate in the meeting remotely. The bill would also require an updated agenda reflecting all of the members participating in the meeting remotely to be posted, if a member of the legislative body elects to participate in the meeting remotely after the agenda is posted.			
AB 2142	Gabriel D	Income taxes: exclusion: turf replacement water conservation program.	4/7/2022- Re-referre d to Com. on REV. & TAX.	2/24/2022- A. REV. & TAX	Current law provides an exclusion from gross income for any amount received as a rebate or voucher from a local water or energy agency or supplier for the purchase or installation of a water conservation water closet, energy efficient clothes washers, and plumbing devices, as specified. This bill would, for taxable years beginning on or after January 1, 2022, and before January 1, 2027, under the Personal Income Tax Law and the Corporation Tax Law, provide an exclusion from gross income for any amount received as a rebate, voucher, or other financial incentive issued by a public water system, as defined, local government, or state agency for participation in a turf replacement water conservation program.	Support	A. Priority Support/ Oppose	Support adopted on March 2nd
AB 2157	Rubio, Blanca D	Urban water use objectives: indoor residential water use.	2/15/2022- From printer. May be heard in committee March 18.	2/15/2022- A. PRINT	Current law requires the Department of Water Resources, in coordination with the State Water Resources Control Board, and in collaboration with and input from stakeholders, to conduct necessary studies and investigations and authorizes the department and the board to jointly recommend to the Legislature a standard for indoor residential water use. Current law, until January 1, 2025, establishes 55 gallons per capita daily as the standard for indoor residential water use, beginning January 1, 2025, establishes the greater of 52.5 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use, and beginning January 1, 2030, establishes the greater of 50 gallons per capita daily or a	Watch	A. Priority Support/ Oppose	Spot bill, but still a priority.

					standard recommended by the department and the board as the standard for indoor residential water use. This bill would make a nonsubstantive change to the provision requiring the department and the board to collaborate with, and seek input from, stakeholders with regard to the studies, investigations, and report.			
AB 2278	Kalra D	Natural resources: biodiversity and conservation report.	4/25/2022- VOTE: Do pass and be re-referred to the Committee on [Appropria tions] with recommen dation: To Consent Calendar (PASS)		Under current law, by Executive Order No. N-82-20, Governor Gavin Newsom directed the Natural Resources Agency to combat the biodiversity and climate crisis by, among other things, establishing the California Biodiversity Collaborative and conserving at least 30% of the state's lands and coastal waters by 2030. This bill would require the Secretary of the Natural Resources Agency to prepare and submit, beginning on or before January 1, 2024, an annual report to the Legislature on the progress toward achieving the directives of the executive order.	Watch	A. Priority Support/ Oppose	Possible return of AB 3030
AB 2387	Garcia, Eduardo D	Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, and Workforce Development Bond Act of 2022.	4/25/2022- VOTE: Do pass and be re-referred to the Committee on [Appropria tions] (PASS)		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 \$7,430,000,000 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.	Watch	A. Priority Support/ Oppose	
AB 2449	Rubio, Blanca D	Open meetings: local agencies: teleconference s.	3/3/2022- Referred to Com. on L. GOV.	3/3/2022-A. L. GOV.	Current law, until January 1, 2024, authorizes a local agency to use teleconferencing without complying with specified teleconferencing requirements in specified circumstances when a declared state of emergency is in effect, or in other situations related to public health. This bill would authorize a local agency to use teleconferencing without complying with those specified teleconferencing requirements if at least a quorum of the members of the legislative body participates in person from a singular location clearly identified on the agenda	Support	A. Priority Support/ Oppose	Support adopted on April 6th.

		climate pollutants:	Read third time.	A. DESK	Department of Resources Recycling and Recovery, in		Priority Support/	intended for the
SB 45	Portantino D	Bay/Sacramen to-San Joaquin Delta Estuary: water quality control plan: water right permits.	Re-referre d to Com. on E.S. &	E.S. & T.M.	Resources Control Board, on or before December 31, 2023, to adopt a final update of the 1995 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, as specified, and to implement the amendments to the plan adopted by the state board pursuant to Resolution No. 2018-0059 on December 12, 2018. The bill would prohibit the state board, on or after January 1, 2024, from approving a new water right permit that would result in new or increased diversions to surface water storage from the Sacramento River/San Joaquin River watershed until and unless the state board has taken those actions. Current law requires the	Analysis	Priority Support/ Oppose	agenda for May 2nd.
AB 2451	Wood D	State Water Resources Control Board: drought planning.	3/3/2022- Referred to Com. on W.,P., & W.		Would require the State Water Resources Control Board to establish a Drought Section within the Division of Water Rights, as specified. The bill would require the state board, in consultation with the Department of Fish and Wildlife, to adopt principles and guidelines for diversion and use of water in coastal watersheds during times of water shortage for drought preparedness and climate resiliency and for the development of watershed-level contingency plans to support public trust uses, public health and safety, and the human right to water in times of water shortage. The bill would require the state board to adopt those principles and guidelines no later than March 31, 2023, as specified. Would require the State Water	Watch Out for	A. Priority Support/ Oppose	On the
					that is open to the public and situated within the local agency's jurisdiction. The bill would impose prescribed requirements for this exception relating to notice, agendas, the means and manner of access, and procedures for disruptions. The bill would require the legislative body to implement a procedure for receiving and swiftly resolving requests for reasonable accommodation for individuals with disabilities, consistent with federal law.			

		reduction goals: local jurisdiction assistance.	(Ayes 36. Noes 0.) Ordered to the Assembly. In Assembly. Read first time. Held at Desk.		Resources Board, to adopt regulations to achieve the organic waste reduction goals established by the state board for 2020 and 2025, as provided. Current law requires the department, no later than July 1, 2020, and in consultation with the state board, to analyze the progress that the waste sector, state government, and local governments have made in achieving these organic waste reduction goals. This bill would require the department, in consultation with the state board, to provide assistance to local jurisdictions, including, but not limited to, any funding appropriated by the Legislature in the annual Budget Act, for purposes of assisting local agencies to comply with these provisions, including any regulations adopted by the department.			ballot.
SB 230	Portantino D	State Water Resources Control Board: Constituents of Emerging Concern in Drinking Water Program.	1/26/2022-Read third time. Passed. (Ayes 37. Noes 0.) Ordered to the Assembly. In Assembly. Read first time. Held at Desk.	1/26/2022- A. DESK	Would require the State Water Resources Control Board to establish, maintain, and direct a dedicated program called the Constituents of Emerging Concern in Drinking Water Program for 5 years 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 for 3 years to review and provide recommendations to the state board on CECs for further action, among other duties. The bill would require the state board to provide a final report to the Legislature by June 1, 2026, on the work conducted by the panel.		A. Priority Support/ Oppose	Support position adopted April 7th.
SB 991	Newman D	Public contracts: progressive design-build: local agencies.	4/19/2022- Read second time. Ordered to third reading.	4/19/2022-S . THIRD READING	Would, until January 1, 2029, authorize local agencies, defined as any city, county, city and county, or special district authorized by law to provide for the production, storage, supply, treatment, or distribution of any water from any source, to use the progressive design-build process for public works projects in excess of \$5,000,000, similar to the progressive design-build process authorized for use by the Director of General Services. The	Support	A. Priority Support/ Oppose	Support adopted on April 6th.

SB 1157	Hertzberg D	Urban water use objectives: indoor residential water use.	4/21/2022-Read third time. Passed. (Ayes 28. Noes 9.) Ordered to the Assembly. In Assembly. Read first time. Held at Desk.	4/21/2022- A. DESK	bill would require a local agency that uses the progressive design-build process to submit, no later than January 1, 2028, to the appropriate policy and fiscal committees of the Legislature a report on the use of the progressive design-build process containing specified information, including a description of the projects awarded using the progressive design-build process. The bill would require the design-build entity and its general partners or joint venture members to verify specified information under penalty of perjury. Current law requires the Department of Water Resources, in coordination with the State Water Resources Control Board, and including collaboration with and input from stakeholders, to conduct necessary studies and investigations and authorizes the department and the board to jointly recommend to the Legislature a standard for indoor residential water use. Current law, until January 1, 2025, establishes 55 gallons per capita daily as the standard for indoor residential water use. Existing law establishes, beginning January 1, 2025, the greater of 52.5 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use, and beginning January 1, 2030, establishes the greater of 50 gallons per capita daily or a standard recommended by the department and the board as the standard for indoor residential water use. This bill would eliminate the option of using the greater of 52.5 gallons per capita daily, as applicable, or a standard recommended by the department and the board as the standard for indoor residential water use. This bill would eliminate the option of using the greater of 50 gallons per capita daily, as applicable, or a standard recommended by the department and the board as the standard for indoor residential water use.	Oppose unless amended	A. Priority Support/ Oppose	Oppose unless amended adopted on March 2nd
B. V	Vatch							
Measure	Author	Topic	Status	Location	Brief Summary	Position	Priority	Notes 1
AB 1001	Garcia, Cristina D	Environment: mitigation measures for air quality	3/22/2022- From committee chair, with	2/1/2022-S. RLS.	The California Environmental Quality Act (CEQA) requires a lead agency to prepare a mitigated negative declaration for a project	Watch	B. Watch	

	environmental justice.	ts: Amend, and re-refer to committee. Read second time, amended, and re-referred to Com. on RLS.		on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. This bill would require mitigation measures, identified in an environmental impact report or mitigated negative declaration to mitigate the adverse effects of a project on air quality of a disadvantaged community, to include measures for avoiding, minimizing, or otherwise mitigating for the adverse effects on that community. The bill would require mitigation measures to include measures conducted at the project site that avoid or minimize to less than significant the adverse effects on the air quality of a disadvantaged community or measures conducted in the affected disadvantaged community that directly mitigate those effects.			
AB 1774 Seyart	California Environmenta I Quality Act: water conveyance or storage projects: judicial review.	to Coms. on NAT.	2/10/2022- A. NAT. RES.	The California Environmental Quality Act (CEQA) requires a lead agency, as defined, to prepare, or cause to be prepared, and certify the completion of an environmental impact report (EIR) on a project that the lead agency proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect. CEQA also requires a lead agency to prepare a mitigated negative declaration for a project that may have a significant effect on the environment if revisions in the project would avoid or mitigate that effect and there is no substantial evidence that the project, as revised, would have a significant effect on the environment. CEQA establishes a procedure by which a person may seek judicial review of the decision of the lead agency made pursuant to CEQA. This bill would require the Judicial Council to adopt rules of court applicable to actions or proceedings brought to attack, review, set aside, void, or annul the certification or adoption of an environmental impact report for water conveyance or storage projects, as	Page	B. Watch	

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					defined, or the granting of project approvals, including any appeals to the court of appeal or the Supreme Court, to be resolved, to the extent feasible, within 270 days of the filing of the certified record of proceedings with the court to an action or proceeding seeking judicial review of the lead agency's action related to those projects.			
AB 1817	Ting D	Product safety: textile articles: perfluoroalkyl and polyfluoroalk yl substances (PFAS).	3/28/2022- Read second time. Ordered to third reading.	3/28/2022- A. THIRD READING	Would prohibit, beginning January 1, 2024, any person from distributing, selling, or offering for sale in the state any textile articles that contain regulated PFAS, and requires a manufacturer to use the least toxic alternative when removing regulated PFAS in textile articles to comply with these provisions.		B. Watch	
AB 2108	Rivas, Robert D	Water policy: environmental justice: disadvantaged and tribal community representation		3/23/2022- A. W.,P. & W.	Would require that one of the persons appointed by the Governor to the State Water Resources Control Board be qualified in the field of water supply and water quality relating to disadvantaged or tribal communities and not be the same member as the member appointed who is qualified in the field of water supply and water quality relating to irrigated agriculture. The bill would also require that at least one person appointed to each regional board have specialized experience to represent disadvantaged or tribal communities.	Watch	B. Watch	
AB 2247	Bloom D	Perfluoroalkyl and polyfluoroalk yl substances (PFAS) and PFAS products and product components: publicly accessible reporting platform.	4/21/2022- Re-referre d to Com. on E.S. & T.M.	3/3/2022-A. E.S. & T.M.	Would require, as part of the hazardous waste control laws, the Department of Toxic Substances Control to work with the Interstate Chemicals Clearinghouse to establish, on or before January 1, 2024, a publicly accessible reporting platform to collect information about perfluoroalkyl and polyfluoroalkyl substances (PFAS) and products or product components containing regulated PFAS, as defined, being sold, offered for sale, distributed, or offered for promotional purposes in, or imported into, the state. The bill would require, on or before July 1, 2024, and annually thereafter, a manufacturer, as defined, of PFAS or a product or a product component containing regulated PFAS that is sold, offered for sale, distributed, or	Watch	B. Watch	

					offered for promotional purposes in, or imported into, the state to register the PFAS or the product or product component containing regulated PFAS, and specified other information, on the publicly accessible reporting platform.			
AB 2313	Bloom D	Water: judges and adjudications.	3/31/2022- Re-referre d to Com. on W.,P., & W.	3/29/2022- A. W.,P. & W.	Would require the Judicial Council, on or before January 1, 2025, to establish a program that provides training and education to judges in specified actions relating to water, as defined. The bill would provide that the program may be funded by an appropriation from the General Fund in the annual Budget Act or another statute, or by using existing funds for judicial training. The bill would authorize the Chairperson of the Judicial Council to assign to certain actions relating to water a judge with that training or education.	Watch	B. Watch	
AB 2477	Rodriguez D	Emergency alert and warning service providers: minimum operating standards.	4/25/2022- VOTE: Do pass and be re-referred to the Committee on [Appropria tions] with recommen dation: To Consent Calendar (PASS)	A. APPR.	The California Emergency Services Act establishes the Office of Emergency Services (OES) in the office of the Governor and makes the OES responsible for the state's emergency and disaster response services, as specified. Current law, on or before July 1, 2022, requires the OES, in consultation with specified entities, to develop voluntary guidelines for alerting and warning the public of an emergency, and requires the OES to provide each city, county, and city and county with a copy of the guidelines. This bill, on or before July 1, 2023, would require the OES, by regulation, to adopt minimum operating standards for private sector companies that provide alert and warning services to local entities and determine the appropriate thresholds for the provider of alert and warning services to report disruptions in service. Upon adoption of those regulations, the bill would require all providers of alert and warning services to notify the OES if a disruption in service or cybersecurity incident occurs. The bill would make the OES responsible for notifying any applicable county office of emergency services, the sheriff of any county, and any public safety answering point affected by the disruption of service.	Watch	B. Watch	

AB 2605	Villapudua D	Water quality: state certification.	4/19/2022-Re-referre d to Com. on E.S. & T.M.	3/10/2022- A. E.S. & T.M.	The State Water Resources Control Board and the California regional water quality control boards prescribe waste discharge requirements in accordance with the Federal Water Pollution Control Act and the Porter-Cologne Water Quality Control Act. Under federal law, any applicant seeking a federal license or permit for an activity that may result in any discharge into the navigable waters of the United States is required to first seek a state water quality certification, as specified. The Porter-Cologne Water Quality Control Act authorizes the state board to certify or provide a statement to a federal agency, as required pursuant to federal law, that there is reasonable assurance that an activity of any person subject to the jurisdiction of the state board will not reduce water quality below applicable standards. The federal act provides that if a state fails or refuses to act on a request for this certification within a reasonable period of time, which shall not exceed one year after receipt of the request, then the state certification requirements are waived with respect to the federal application. This bill would authorize the state board to delegate its authority regarding the above-described issuance of a certificate or statement to the regional boards. The bill would require a project proponent, as defined, to request a prefiling meeting with the state board, as specified.	Watch	B. Watch
AB 2740	Dahle, Megan R	Water resources: desalination.	3/17/2022- Referred to Com. on W.,P., & W.	3/17/2022- A. W.,P. & W.	Current law requires the Department of Water Resources, not later than July 1, 2004, to report to the Legislature, on potential opportunities and impediments for using seawater and brackish water desalination, and to examine what role, if any, the state should play in furthering the use of desalination technology. Current law requires the department to convene a Water Desalination Task Force, comprised of representatives from listed agencies and interest groups, to advise the department in carrying out these duties and in making recommendations to the Legislature. This bill would repeal		B. Watch

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					these provisions.			
AB 2742	Friedman D	Water meters: urban water suppliers.	2/19/2022- From printer. May be heard in committee March 21.	2/18/2022- A. PRINT	The Water Measurement Law generally requires the installation of a water meter as a condition of new water service on and after January 1, 1992. The law, with certain exceptions, requires an urban water supplier to install water meters on all municipal and industrial service connections that are located in its service area on or before January 1, 2025. This bill would delay that requirement for an urban water supplier to install the water meters to on or before January 1, 2030.	Watch	B. Watch	
AB 2811	Bennett D	California Building Standards Commission: recycled water: nonpotable water systems.	4/6/2022-I n committee: Set, first hearing. Hearing canceled at the request of author.		Would require, commencing January 1, 2024, all newly constructed nonresidential buildings be constructed with dual plumbing to allow the use of recycled water for all applicable nonpotable water demands, as defined, if that building is located within an existing or planned recycled water service area, as specified.	Watch	B. Watch	
AB 2857	Bauer-Kahan D	Sustainable Groundwater Management Act: groundwater sustainability plans: domestic well impacts.	3/28/2022-Re-referre d to Com. on W.,P., & W.	3/24/2022- A. W.,P. & W.	The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. The act prescribes that a groundwater sustainability plan contain certain information, including, where appropriate and in collaboration with the appropriate local agencies, control of saline water intrusion, wellhead protection areas and recharge areas, a well abandonment and well destruction program, well construction policies, and impacts on groundwater dependent ecosystems. This bill would additionally require that a groundwater sustainability plan include measures to mitigate adverse impacts on domestic		B. Watch	

					wells, as defined, including, but not limited to, compensating an owner of a domestic well or a user of water from a domestic well for increased energy costs associated with deeper groundwater pumping and increased costs to households associated with the delivery of water from an existing water supply system or alternative water supply. The bill would prohibit a mitigation measure from subjecting an owner of a domestic well or a user of water from a domestic well to an unreasonable financial burden or expense.			
AB 2876	Bigelow R	Sustainable Groundwater Management Act.	2/19/2022- From printer. May be heard in committee March 21.	2/18/2022- A. PRINT	The Sustainable Groundwater Management Act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. The act requires all relevant state agencies to consider the policies of the act, and any adopted groundwater sustainability plans, when revising or adopting policies, regulations, or criteria, or when issuing orders or determinations, where pertinent. This bill would make nonsubstantive changes to the latter provision.	Watch	B. Watch	
AB 2877	Garcia, Eduardo D	Safe and Affordable Drinking Water Fund: tribes.	4/20/2022- Re-referre d to Com. on E.S. & T.M.	3/17/2022- A. E.S. & T.M.	Current law continuously appropriates to the State Water Resources Control Board moneys deposited in the Safe and Affordable Drinking Water Fund for the development, implementation, and sustainability of long-term drinking water solutions, among other things. Current law requires the state board to expend moneys in the fund for grants, loans, contracts, or services to assist eligible recipients. Current law includes within the list of "eligible recipients," public agencies, nonprofit organizations, public utilities, mutual water companies,	Watch	B. Watch	55

AB 2895	Arambula D	Water:	I I	3/17/2022-	Native American tribes, specified nonfederally recognized Native American tribes, administrators, groundwater sustainability agencies, community water systems, and technical assistance providers. This bill would specify that a limited waiver of tribal sovereignty is not required for a tribe that is an eligible recipient to access funding from the fund. The bill would require the state board to work with tribes that are eligible recipients to remove any barriers for those tribes to access funding, as specified. The bill would require the state board to ensure an equitable distribution of funds from the fund, including funds to eligible recipients that are federally recognized California Native American tribes or specified nonfederally recognized Native American tribes and would require the state board to expend those funds, upon appropriation by the Legislature, for grants, loans, contracts, or services to assist those eligible recipients. Under current law, the State	Watch	B. Watch	
		permits and licenses: temporary changes: water or water rights transfers.	Re-referre d to Com. on W.,P., & W.	A. W.,P. & W.	Water Resources Control Board administers a water rights program pursuant to which the board grants permits and licenses to appropriate water. Current law prescribes the process for a permittee or licensee to petition the board for a temporary change due to a transfer or exchange of water rights and subsequent notice, decision, and hearing requirements by the board. Under that process, a petitioner is required to publish notice of a petition in a newspaper, as specified. Current law requires a petition to contain specified information and requires a petitioner to provide a copy of the petition to the Department of Fish and Wildlife, the board of supervisors of the county or counties in which the petitioner currently stores or uses the water subject to the petition, and the board of supervisors of the county or counties to which the water is proposed to be transferred. This bill would revise and recast the provisions regulating temporary changes due to a transfer or exchange of water rights,	Page	e 124 of 15	55

					including, among other revisions, specifying that those provisions apply to a person who proposes a temporary change for purposes of preserving or enhancing wetlands habitat, fish and wildlife resources, or recreation.			
AB 2919	Fong R	Dams: release of water: fish populations.	3/28/2022- Re-referre d to Com. on W.,P., & W.	3/24/2022- A. W.,P. & W.	Current law requires the owner of a dam to allow sufficient water at all times to pass through a fishway, or in the absence of a fishway, allow sufficient water to pass over, around or through the dam, to keep in good condition any fish that may be planted or exist below the dam. This bill would provide that, notwithstanding any other law, the release of water from a dam shall only be regulated based on actual fish populations and not based on approximate fish populations.	Watch	B. Watch	
SB 832	Dodd D	Water rights: measurement of diversion.	4/25/2022- April 25 hearing: Placed on APPR suspense file.	4/25/2022-S . APPR. SUSPENSE FILE	Current law defines various terms applicable to the Water Code. This bill would define "water year," unless otherwise specified, to mean the 12-month period beginning October 1 and ending September 30.	Watch	B. Watch	
SB 890	Nielsen R	Department of Water Resources: Water Storage and Conveyance Fund: water storage and conveyance.	3/8/2022- March 8 set for first hearing. Failed passage in committee. (Ayes 3. Noes 6.)	2/9/2022-S. N.R. & W.	Would establish the Water Storage and Conveyance 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 and reservoir storage costs, including environmental planning, permitting, design, and construction and all 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 complete funding for the construction of the Sites Reservoir, and 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. This bill would make these provisions inoperative on July 1, 2030, and would repeal it as of	Watch	B. Watch	

					January 1, 2031.			
SB 892	Hurtado D	Cybersecurity preparedness: food and agriculture sector and water and wastewater systems sector.	4/18/2022- April 18 hearing: Placed on APPR suspense file.	4/18/2022-S . APPR. SUSPENSE FILE	Current law requires CalOES to establish the California Cybersecurity Integration Center (Cal-CSIC) with the primary mission of reducing the likelihood and severity of cyber incidents that could damage California's economy, its critical infrastructure, or public and private sector computer networks in the state. Current law requires Cal-CSIC to provide warnings of cyberattacks to government agencies and nongovernmental partners, coordinate information sharing among these entities, assess risks to critical infrastructure information networks, enable cross-sector coordination and sharing of best practices and security measures, and support certain cybersecurity assessments, audits, and accountability programs. Current law also requires Cal-CSIC to develop a statewide cybersecurity strategy to improve how cyber threats are identified, understood, and shared in order to reduce threats to California government, businesses, and consumers, and to strengthen cyber emergency preparedness and response and expand cybersecurity awareness and public education. This bill would require CalOES to develop, propose, and adopt optional reporting guidelines applicable to companies and cooperatives in the food and agriculture industry and entities in the water and wastewater systems industry if they identify a significant and verified cyber threat or active cyberattack	Watch	B. Watch	
SB 1059	Becker D	Privacy: data brokers.	4/21/2022- Read second time and amended. Re-referre d to Com. on APPR.	4/20/2022-S . APPR.	Current law requires data brokers to register with, and provide certain information to, the Attorney General. Current law defines a data broker as a business that knowingly collects and sells to third parties the personal information of a consumer with whom the business does not have a direct relationship, subject to specified exceptions. Current law subjects data brokers that fail to register to injunction and liability for civil penalties, fees, and costs in an action brought by the Attorney General, with any recovery to be deposited in the Consumer Privacy Fund, as	Watch	B. Watch	5

					specified. Current law imposes a \$100 civil penalty for each day a data broker fails to register. This bill would include in the definition of data broker a business that knowingly collects and shares, as defined, certain personal information to third parties. The bill would transfer all authority and responsibilities under the provisions relating to data broker registration from the Attorney General to the CCPA, including by requiring data brokers to annually register with the CPPA on or before January 31. However, the bill would authorize the Attorney General to also bring an action against a data broker that fails to register.		
SB 1078	Allen D	Sea Level Rise Revolving Loan Pilot Program.	4/4/2022- April 4 hearing: Placed on APPR suspense file.	4/4/2022-S. APPR. SUSPENSE FILE	Current law requires the Ocean Protection Council to, among other things, establish policies to coordinate the collection, evaluation, and sharing of scientific data related to coastal and ocean resources among agencies. Current law establishes the State Coastal Conservancy with prescribed powers and responsibilities for implementing and administering various programs intended to preserve, protect, and restore the state's coastal areas. This bill would require the council, in consultation with the conservancy, to develop the Sea Level Rise Revolving Loan Pilot Program for purposes of providing low-interest loans to local jurisdictions for the purchase of coastal properties in their jurisdictions identified as vulnerable coastal property located in specified communities, including low-income communities, as provided. The bill would require the council, before January 1, 2024, in consultation with other state planning and coastal management agencies, as provided, to adopt guidelines and eligibility criteria for the program. The bill would authorize specified local jurisdictions to apply for, and be awarded, a low-interest loan under the program from the conservancy, in consultation with the council, if the local jurisdiction develops and submits to the conservancy a vulnerable coastal property plan and	B. Watch	

					completes all other requirements			
					imposed by the council.			
SB 1197	Caballero D	Water Innovation and Drought Resiliency Act of 2022.	4/22/2022- Set for hearing May 2.	4/19/2022-S . APPR.	Current law declares that the protection of the public interest in the development of the water resources of the state is of vital concern to the people of the state and that the state shall determine in what way the water of the state, both surface and underground, should be developed for the greatest public benefit. Current law creates the Office of Planning and Research to serve the Governor as staff for long-range planning and research and as a comprehensive state planning agency. This bill, the Water Innovation and Drought Resiliency Act of 2022, would create the Initiative to Advance Water Innovation and Drought Resiliency at the office for the furtherance of new technologies and other innovative approaches in the water sector. The bill would require the office, as part of the initiative, to take specified measures on or before December 31, 2024, to advance innovation in the water sector and ensure a drought-resilient economy.	Watch	B. Watch	
SB 1219	Hurtado D	21st century water laws and agencies: committee.	4/14/2022- Set for hearing April 27.	4/5/2022-S. E.Q.	Would require the Secretary of the Natural Resources Agency and the Secretary for Environmental Protection to convene a committee to develop and submit, on or before December 31, 2024, to the Governor and to the Legislature a strategic vision, proposed statutes, and recommendations for a modern 21st century set of water laws and regulations and state and local water agencies for the state, as provided. The committee would consist of 5 specified heads of state agencies, 2 members appointed by the Senate Committee on Rules, and 2 members appointed by the Speaker of the Assembly. The bill would require the Governor or the committee to appoint a "blue ribbon" citizen commission or taskforce, a stakeholder advisory committee, and any other group that the Governor or the committee deems necessary or desirable to assist in carrying out these provisions. The bill would require all relevant state agencies, at the request of the committee, to make available staff and resources	Page	B. Watch	priority bill, but unlikely to move.

SB 1476	Bradford D	Water replenishment districts: contracts.	4/20/2022- Set for hearing May 4. From committee with author's amendmen	3/23/2022-S . GOV. & F.	to assist in the preparation of the strategic vision and proposed statutes. The Water Replenishment District Act provides for the formation of water replenishment districts with prescribed powers for the purposes of replenishing the groundwater supplies within the district. The act requires a district to advertise for bids before making any contract totaling	Watch	B. Watch	
			amended. Re-referre d to Com. on GOV. & F.		calling for bids by publication, as prescribed. The act requires contracts and other documents executed by a district that require or authorize the district to expend \$10,000 or more to be authorized by the board of directors and signed by the president and the secretary, except as specified. This bill would revise and recast the provisions establishing the competitive bidding and related public notice procedures for water replenishment districts, including, among other revisions, deleting the requirement that a district advertise for bids before making any contract totaling \$25,000 or more within any 12-month period, and instead requiring a district expenditure for the erection, construction, alteration, repair, or improvement of a public structure or building of \$25,000 or more be let by contract by formal bidding procedure.			

Total Measures: 37

Total Tracking Forms: 37

Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
SB 230	Amended	State Water Resources Control	CO-SPONSOR	Metropolitan and CMUA are co-
Portantino (D)	1/20/2022	Board: Constituents of Emerging		sponsoring legislation in response to
		Concern Program		growing public concern about CECs in
Sponsors:			Based on October	drinking water. The bill would establish
3.6 . 12 . 1	Assembly Desk		2019 Board	a five-year CEC Drinking Water Program
			Action	at the State Water Resources Control Board.
				The program would set up a consistent
•		diffixing water sources.		and science-based approach for
				assessing the public health and drinking
(CMUA)				water consequences of CECs, with the
, ,				intent to improve knowledge and future
				regulatory determinations. The bill
				excludes PFAS from the program of
				review and requires the State Water Board
				to present a final report to the Legislature. The recent amendments make
				implementation of a CEC Drinking Water
				Program contingent upon an appropriation
				by the Legislature.
AB 1845	Amended	Metropolitan Water District of	SPONSOR	Metropolitan is limited to the traditional
Calderon (D)	4/4/2022	Southern California: alternative		Design-Bid-Build method for delivery of
		project delivery methods		public works construction contracts which
Sponsor:				can be inefficient and inflexible for large,
3.6				time-sensitive, and complex projects like
Metropolitan	Committee			its Regional Recycled Water Program and
	Цастра			emergency drought mitigation projects. The bill would amend the Public
				Contracting Code to permit Metropolitan
	4/20/2022	Regional Recycling water Flogram		to use Design-Build, Progressive Design-
	SB 230 Portantino (D) Sponsors: Metropolitan and the California Municipal Utilities Association (CMUA) AB 1845 Calderon (D)	SB 230 Portantino (D) Sponsors: Metropolitan and the California Municipal Utilities Association (CMUA) AB 1845 Calderon (D) Sponsor: Amended 1/20/2022 Assembly Desk Amended 4/4/2022 Amended 4/4/2022 Amended 4/4/2022	Author SB 230 Portantino (D) Sponsors: Assembly Desk Metropolitan and the California Municipal Utilities Association (CMUA) AB 1845 Calderon (D) Sponsor: Assembly Water Parks & Wildlife Metropolitan Metropolitan Committee Metropolitan Assembly Water Parks & Wildlife Committee Metropolitan Amended J/20/2022 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. Metropolitan Water District of Southern California: alternative project delivery methods Allows the Metropolitan Water District of Southern California to use alternative project delivery methods for the design and construction of a	SB 230 Portantino (D) Sponsors: Metropolitan and the California Municipal Utilities Association (CMUA) AB 1845 Calderon (D) Sponsor: Assembly Water Perks & Wildlife Metropolitan Metropolitan Metropolitan Assembly Water Parks & Wildlife Metropolitan Metropolitan Metropolitan Amended 1/20/2022 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. Metropolitan Metropolitan Water District of Southern California: alternative project delivery methods Allows the Metropolitan Water District of Southern California to use alternative project delivery methods Hearing: OCO-SPONSOR CO-SPONSOR Based on October 2019 Board Action Sponsor: Sponsor: Sponsor: Assembly Water Parks & Wildlife Committee District of Southern California to use alternative project delivery methods for the design and construction of a

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
			and a limited set of drought-related projects.		Build, and Construction Manager/General Contractor. These methods have the potential to expedite construction of critical new water infrastructure projects and reduce their overall costs.
Delta/State	SB 832	Amended	Water rights: measurement of	SUPPORT	Metropolitan supports metering and
Water Project	Dodd (D) Sponsor:	3/23/2022	diversion Clarifies existing law that a person	Based upon	reporting of diversions to prevent unlawful diversion of State Water Project supplies in the Delta and other locations
T	Author	Senate Appropriations Committee	diverting 10 acre-feet or more of water per year under a registration is subject to existing water diversion measurement, recording, and reporting requirements. Also, authorize the State Water Board to modify water diversion measurement requirements to allow open satellite data methods to estimate evapotranspiration if the board makes certain findings regarding use of water for irrigation.	Board-adopted 2022 Legislative Priorities and Principles	that may lead to additional regulatory burdens. Metropolitan is installing meters on its Delta Islands to comply with existing statutory requirements. While OpenET would be a useful tool for water management and could be used as an indicator of unlawful diversions in the Delta, it is a new methodology for California. The bill requires the State Water Board to conduct a five-year study to determine the adequacy of evapotranspiration methods as a substitute for conventional metering methods to comply with State Water Board reporting requirements.
© overnance	AB 2449	Introduced	Open meetings: local agencies:	SUPPORT	Metropolitan currently hosts
e 131 of	B. Rubio (D)	2/17/2022	teleconferences	Based upon	teleconferencing public meetings in accordance with Executive Order, N-29-20. AB 2449 allows the option to hold

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
	Sponsor: Three Valleys Municipal Water District	Assembly Local Government Committee	Amends the Ralph M. Brown Act to allow a local agency to voluntarily use teleconferencing for public meetings during non-emergencies. Requires a quorum of the members meet in person at a noticed location that is open to the public and within the agency's jurisdiction. The bill prescribes requirements for this exception related to notice, agendas, means and manner of access, and procedures for disruptions. Requires procedures for receiving and swiftly resolving requests for reasonable accommodation for individuals with disabilities, consistent with federal law. Requires a quorum of the legislative body present at the location noticed on the agenda, an audio and video live-feed of the remote member of the legislative body during the meeting.	Board Action on 3/9/2021 on AB 703 (B. Rubio)	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 prescribed, ensure that directors attending meeting by teleconference participate through both audio and visual technology, and allow the public to address the Board in person or by teleconference. Waives the requirement to post an agenda at each teleconferenced location and assure public access to those locations. If there is a disruption to the call-in or streaming options, then no action can be taken by the board.
Regulatory Reform	AB 2313 Bloom (D)	Amended 3/30/2022	Water: judges and adjudications Would require the Judicial Council	SUPPORT	Metropolitan's interests in enforcement of water quality law and water rights would be better served by judges, court staff, and
Page	Sponsor:	Assembly Water, Parks & Wildlife	on or before January 1, 2025 to establish a program that provides	Based upon Board-adopted	special masters who have received training in the legal, scientific and
132 of	Author	Committee	training and education to judges in specified actions relating to water	2022 Legislative	technical issues involving water quality, water rights and water transfers.

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
		Hearing: 4/26/2022	quality, groundwater, water transfers and water rights. Requires the Judicial Council to identify independent and nonpartisan experts in water issues who will be available to any judge adjudicating a water dispute and authorizes judges to appoint special masters in water cases to investigate technical and legal issues among other duties.	Priorities and Principles	
Water Bond Infrastructure Funding Page 133 of	SB 559 Hurtado (D) Sponsors: Friant Water Authority, San Luis & Delta Mendota Water Authority, and State Water Contractors	Amended 8/30/2021 Senate Inactive File Two-year bill	Department of Water Resources: water conveyance systems: Canal Conveyance Capacity Restoration Fund 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.	WATCH Based upon Board adopted 2021 State Legislative Priorities and Principles	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 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 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

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
					August 8 Assembly Amendments are problematic causing the State Water Contractors and Metropolitan to withdraw support for the bill.
Water	AB 2142	Amended	Income taxes: exclusion: turf	SUPPORT	Metropolitan previously supported the
Conservation	Gabriel (D)	4/6/2022	replacement water conservation		Making Conservation a Way of Life
	Sponsor: Association of California Water Agencies	Assembly Revenue and Taxation Committee	Would provide an exclusion from gross income for any amount received as a rebate, voucher or other financial incentive issued by a local water agency or supplier for participation in a turf replacement water conservation program during the taxable years of January 1, 2022 through January 1, 2027.	Based upon Board adopted 2022 Legislative Priorities and Principles	legislation and is working hard to promote indoor and outdoor conservation. Conservation rebates are key to success. California law previously exempted turf rebates from taxable income, but those provisions were allowed to sunset in December 2019. This bill would reinstate an important tax exemption for turf replacement rebates from gross income in California, aligning it with certain other permanently exempt efficiency rebates.
Water Governance and Funding Page 134 of	AB 1195 C. Garcia (D) Sponsor: Author	Amended 5/24/2021 Senate Natural Resources and Water 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, 2021 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

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
Water Quality	AB 1817 Ting (D) Sponsors: Breast Cancer Prevention Partners, Natural Resources Defense Council, and Clean Water Action	Amended 03/24/2022 Assembly Third Reading	Product safety: textile articles: perfluoroalkyl and polyfluoroalkyl (PFAS). Prohibits as of January 1, 2024, any person from distributing, selling, or offering for sale in California any textile articles that contain "regulated PFAS" as defined, and requires the manufacturer to use the least toxic alternative to regulated PFAS.	SUPPORT AND AMEND Based upon Board adopted 2022 Legislative Priorities and Principles	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. Metropolitan supports the removal or reduction of PFAS in manufactured products in order to protect source water quality. Metropolitan is seeking amendments to clarify that the bill applies to manufacturers and not state and local agencies and to change the term "regulated PFAS" to "detected PFAS" in consumer products and not drinking water.
₩ater Quality	AB 2247 Bloom (D)	Amended 03/21/2022	Perfluoroalkyl and polyfluoroalkyl substances (PFAS) and PFAS	SUPPORT AND AMENDED	Metropolitan supports the removal or reduction of PFAS in manufactured
e 135 of 1	Sponsors:	Assembly Environmental	products and product components: publicly accessible reporting platform.	Based upon Board adopted 2022	products to protect source water quality. Metropolitan is seeking an

Topic	Bill Number Author	Status	Title – Summary	MWD Position	Effects on Metropolitan
	Environmental Working Group, Clean Water Action, and California Association of Sanitation Agencies	Safety and Toxic Materials Committee	Requires the Department of Toxics and Substances Control to develop a publicly accessible reporting platform to collect information about PFAS and products containing PFAS by January 1, 2024. By March 1, 2024, manufactures will be required to register the PFAS or product on the reporting platform.	Legislative Priorities and Principles	amendment to change "regulated PFAS" to "detected PFAS" and to clarify the bill applies to consumer products and not drinking water.
Water quality	AB 2771 Friedman (D) Sponsor:	Amended 3/30/2022 Assembly Health Committee	Prohibits a person or entity from manufacturing, selling, delivering, holding, or offering for sale in commerce any cosmetic product that contains PFAS.	SUPPORT Based upon Board adopted 2022 Legislative Priorities and Principles	Metropolitan supports the removal or reduction of PFAS in manufactured products to protect source water quality.



STAFF REPORT

To: Board of Directors Meeting Date: May 26, 2022

From: Sherri Seitz, Public Relations / Emergency Preparedness Administrator

Subject: Public Education and Outreach Report

Bill Message:

Customer June bill message:

Did you know that running toilets can waste up to five gallons of water per minute and a silent leak can waste 40 gallons or more per day? You can test your toilets for leaks by adding a few drops of food coloring into the tank of the toilet. Do not flush and wait 15 minutes. If the water in the bowl is colored, that indicates a toilet leak. Many times, just replacing the flapper or fill valve or adjusting the float will repair the leak.

Newsletter

The next ETWD newsletter is scheduled to be distributed the end of June. The newsletter will also be distributed to ETWD's HOA's, through Laguna Woods Village E-blast, and inserted in the Laguna Woods Globe. Topics include the El Toro Regional Reservoir Cover and Liner Replacement Project, Water Quality Report, Rebates, Fixing Leaks, Plant Idea, Community Events, New Employee Spotlight, Past Director Jerry Werner, and Orange County Register Top Workplace and AA Credit Rating.

Community Advisory Group Meeting

The Community Advisory Group Meeting is scheduled for Thursday, June 2, 2022 from 11:30 am to 1:30 pm in the Field Multipurpose Room. Topics will include ETWD Level 2 Water Shortage and ETWD's 22/23 Budget. Invitations have been emailed.

Laguna Woods Village Television:

Director Jose Vergara will fill in for Director Freshley May interview with Lisa Hart on Laguna Woods Television "This Day" on May 31, 2022. Director Vergara will discuss ETWD moving into Level 2 Water Shortage and Water Conservation.

OC Streams of Hope Public Arts Campaign

The Laguna Woods Art Association Streams of Hope Public Arts Campaign Stella has been placed in the Laguna Woods Community Center lobby for the next month. The Stella will then be brought to ETWD for a month and then back to the Laguna Woods Art Association. Photo (left to right): Laguna Woods Art Association Marlene Johnson, Kris DeYoung and Mary Sinclair.



Concerned Citizens Earth Day Celebration

Photo of Bob Hazzard and attendees from the April 21, 2022, Concerned Citizens Earth Day Event at Laguna Woods Village Clubhouse 1.



City of Mission Viejo Earth Day & Arbor Day Green Expo

Photos of Bob Hazzard and Yesenia Ocampo from the City of Mission Viejo Earth Day event on Saturday, April 23, 2022.





Public Education and Outreach Report Page 4









Mission Viejo Chamber of Commerce/City of Mission Viejo - State of the City Event

ETWD is co-sponsoring the table drought tolerant centerpieces for the event on Thursday, June 9, 2022. Santa Margarita Water District will be the lead and Moulton Niguel Water District has also been asked to co-sponsor the event since all three agencies serve the City of Mission Viejo.



Adopt a Channel

The proposed upper end costs of the Adopt a Channel program for the portion of OCFCD's Canada Channel 23 between Lake Forest Drive and Avenida de la Carlota came in at \$57,120 which includes 4 Corps members and 1 Supervisor four times a month.

Sherri is working with Kim Buss and David Razo at the County of Orange Public Works to schedule a walk through to obtain a more definitive cost.



STAFF REPORT

To: Board of Directors Meeting Date: May 26, 2022

From: Sherri Seitz, Public Relations / Emergency Preparedness Administrator

Subject: Water Use Efficiency Report

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.

Residential Rebate Programs:

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	\$35		\$15	\$50
(200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	\$250 \$300 \$350			\$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.

Commercial Rebate Programs:

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- MWDOC/up to 10,000 sq. ft. ETWD funding)*	\$2 sq. ft*			\$2 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.

Actual Customer Rebate 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 December 2021	Total # Rebates Paid	ETWD Supplemental Amount	Budget 21/22	ETWD Supplemental Rebate Total
High Efficiency Clothes Washer	13	\$115	\$9,200	\$1,495
Premium High Efficiency Toilet	0	\$60	\$3,000	\$0
Smart Irrigation Timer/Soil Moisture Sensor System	3	\$75 (amount varies)	\$2,100	\$78.99
Rain Barrels Cisterns	3	\$15	\$225	\$45
Total			\$14,525	\$1,618.99

Turf Removal Program December 2021	Total sq.ft. Paid	ETWD Supplementa I Amount	Budget 21/22	ETWD Supplemental Rebate Total
Turf Removal Residential	2,171	\$1 sq. ft.	\$10,000	\$2,171

Water Use Efficiency Plan Update:

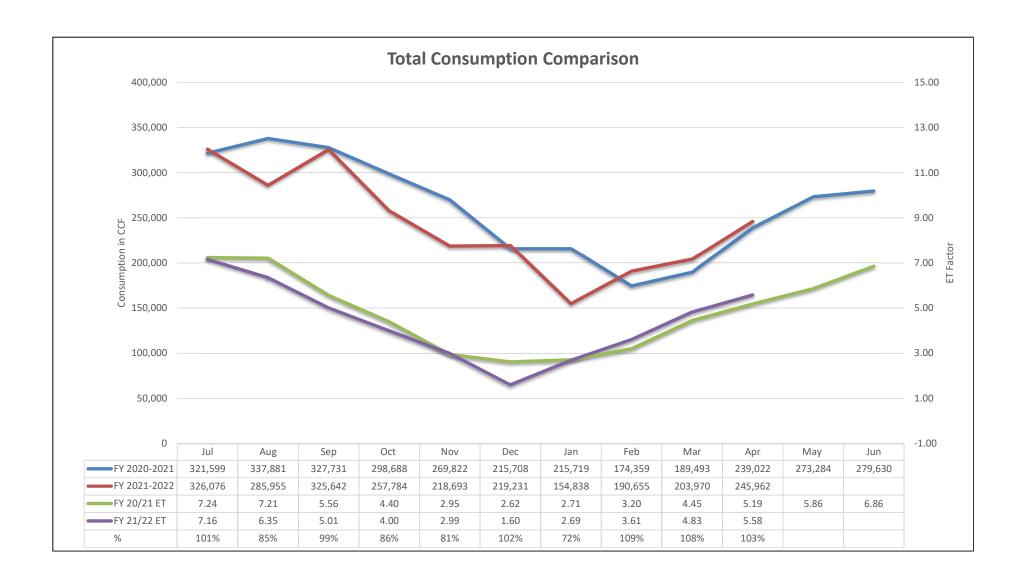
The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). As of April 2022, year-to-date sales, residential accounted for 65% of the overall Tier 3 usage and dedicated irrigation accounted for 50% of Tier 4 usage.

Total Consumption Comparison to Evapotranspiration (ET) Factor::

Included in this month's Water Use Efficiency Report is a chart comparing the current fiscal year 2021/22 consumption and ET factor to the fiscal 2020/21 consumption and ET factor. The ET factor increased 7% from April 2021 when compared to April 2022. There was an 3% increase in consumption reflected in April 2022.

MWDOC Water Use Efficiency Program Savings and Implementation Report/ETWD 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.



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	Avoided Water Costs Based on MWDOC Rate (\$2.16 CCF) Annual
High Efficiency Toilet (HET)	2005	16	54.68	17.82	\$51,459
High Efficiency Clothes WashersResidential	2001	20	25.50	8.31	\$23,998
*SoCal Water Smart Commercial Plumbing Fixtures Rebate Program					
(ULFT's, HET's, Urinals, HECW, Cooling Tower Conductivity					
Controllers)	2002	19	53.63	17.48	\$50,471
SmarTimer ProgramIrrigation Timers	2004	17	190.46	62.07	\$179,242
Rotating Nozzles Rebate Program	2007	14	147.36	48.02	\$138,681
Turf Removal Program	2010	11	62.87	20.49	\$59,167
Rain Barrels	2013	8	0.16	0.05	\$151
Spray to Drip	2013	8	5.06	1.65	\$4,762
**Water Smart Landscape Program - Ended 2016	1997	20	242.90	79.16	\$228,594
Synthetic Turf Rebate Program-Ended 2011	2007	8	0.90	0.29	\$847
***Ultra Low Flush Toilets (ULFT)Ended 2009	1992	16	193.20	58.00	\$167,487
Computer Controlled Irrigation SystemGate 11Ended 2006	2001	6	8.88	2.89	\$8,357
Totals			985.6	321.2	\$927,550

^{*} Formerly the Save Water Save a Buck - Commercial Rebate Program

Because of our participation in Water Use Efficiency Programs, the District will not be using an estimated 321.2 million gallons of water per year.

^{**} Formerly the Landscape Performance Certification Program

^{***} Correction on date and total

Orange County

Water Use Efficiency Programs Savings and Implementation Report

Retrofits and Acre-Feet Water Savings for Program Activity

			Month Indi	icated	Current Fisc	ral Voar		Overall Program	
Program	Program Start Date	Retrofits Installed in	Interventions	Water Savings	Interventions	Water Savings	Interventions	Annual Water Savings[4]	Cumulative Water Savings[4]
High Efficiency Clothes Washer Program	2002	March-22	229	0.63	1,679	20.77	126,058	4,135	40,151
High Efficiency Toilet (HET) Program	2005	March-22	7	0.02	180	7.66	60,825	2,248	27,035
Flow Monitoring Devices (FMD) Program	2021	March-22	3	0.01	15	0.16	15	0.75	0.16
Commercial Plumbing Fixture Rebate Program	2002	March-22	2	0.11	577	14.24	111,490	5,295	66,244
Industrial Process/Water Savings Incentive Program (WSIP)	2006	March-22	0	6.96	1	5.22	39	1,291	6,346
Turf Removal Program ^[3]	2010	March-22	126,756	1.43	533,043	13.52	24,090,372	3,373	22,278
Spray-to-Drip Program ^[3]	2013	March-22	37,982	0.35	185,387	6.58	1,588,351	215	824
Smart Timer Program - Irrigation Timers	2004	March-22	133	1.00	1,474	98.83	32,628	9,495	73,506
Rotating Nozzles Rebate Program	2007	March-22	100	0.40	1,368	4.28	572,037	2,794	28,004
Rain Barrels Rebate Program	2013	March-22	12	0.00	64	0.05	8,660	16	101
Recycled Water Retrofit	2015	March-22	0	0.00	4	14.62	182	3,687	19,464
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] Home Water Surveys [2]	1992 1995						363,926 11,867	13,452	162,561 1,708
Showerhead Replacements [2]	1995						270,604	160 1,667	19,083
Total Water Savings All Programs				11	723,792	186	27,935,481	58,554	540,459

⁽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 and Spray-to-Drip Interventions are listed as square feet.

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

HIGH EFFICIENCY CLOTHES WASHERS INSTALLED BY AGENCY

through MWDOC and Local Agency Conservation Programs

Agency	FY 01/02	FY 02/03	FY03/04	FY 04/05			FY 07/08			-	FY 11/12		FY13/14		FY15/16			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	17	107	178	132	143	132	175	156	42	186	144	93	115	114	76	57	55	53	36	50	22	2,083	0.29	603.74	1,078
Buena Park	9	45	88	81	84	85	114	146	59	230	145	105	106	91	76	54	50	45	28	56	31	1,728	0.39	513.63	894
East Orange	3	8	20	20	11	18	22	17	3	23	10	10	8	8	8	3	1	6	2	2	4	207	0.04	62.55	107
El Toro	21	88	108	103	83	91	113	130	32	162	112	134	121	111	65	47		40	29		19	1,700	0.28	509.94	880
Fountain Valley	36	127	209	196	178	205	219	243	72	289	158	115	102	110	76	65		39	34	36	16	2,573	0.15	816.59	1,331
Garden Grove	39	173	278	243	243	238	304	332	101	481	236	190	162	165	251	127	87	69	62	102	61	3,944	0.66	1,181.87	2,041
Golden State	37	195	339	374	342	339	401	447	168	583	485	265	283	359	260	138	156	92	94	141	82	5,580	1.03	1,704.72	2,887
Huntington Beach	114	486	857	738	680	761	750	751	211	963	582	334	295	319	225	180	139	92	113	164	70	8,824	0.86	2,727.05	4,566
Irvine Ranch	159	626	1,087	1,093	1,445	1,976	2,060	1,844	1,394	2,621	2,170	1,763	1,664	1,882	1,521	1,369	1,194	882	480	505	380	28,115	4.83	8,590.27	14,548
La Habra	8	40	86	81	66	96	136	83	22	179	128	82	114	87	66	53	48	48	45	65	29	1,562	0.37	444.01	808
La Palma	3	5	13	21	18	33	35	51	25	76	46	34	25	34	29	10	14	7	12	7	9	507	0.10	164.81	262
Laguna Beach	17	88	119	84	68	57	77	77	27	96	57	38	37	39	32	19	20	18	16	25	15	1,026	0.20	291.27	531
Mesa Water	24	117	228	240	212	239	249	246	73	232	176	114	86		113	79		38	41		26	2,774	0.39	855.58	1,435
Moulton Niguel	158	630	841	640	570	652	716	742	250	1,127	679	442	421	790	688	574	524	356	295	422	197	11,714	2.68	3,231.24	6,061
Newport Beach	17	144	343	277	243	245	270	259	57	197	142	116	92	95	66	61	51	41	26	35	18	2,795	0.26	811.55	1,446
Orange	58	247	304	358	330	366	365	403	111	349	262	218	163	160	124	80		55	59		42	4,217	0.52	1,395.07	2,182
San Juan Capistrano	16	95	120	107	102	109	103	127	43	190	110	76	73	92	63	33		23	26	35	5	1,580	0.11	490.69	818
San Clemente	32	182	235	170	136	204	261	278	63	333	206	140	94	141	75	70	83	62	61	73	38	2,937	0.51	884.58	1,520
Santa Margarita	140	510	743	573	592	654	683	740	257	1,105	679	553	662	792	466	367	271	212	248	307	150	10,704	1.93	3,114.42	5,539
Santiago	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	0.00	0.00	-
Seal Beach	13	28	57	39	46	47	46	57	7	81	51	31	29	38	23	9	17	8	21	14	7	669	0.10	196.78	346
Serrano	9	16	54	39	39	30	31	23	7	21		13	10		8	11		2	7	4	3	381	0.05	102.09	197
South Coast	35	138	165	97	103	107	130	148	43	183		89	79	68	43	44	36	28	30	29	23	1,730	0.31	516.75	895
Trabuco Canyon	10	63	76	58	44	69	60	62	28	82	62	30	45	47	34	28	22	13	12	13	11	869	0.15	259.85	450
Tustin	21	89	152	138	127	152	146	144	45	174	97	78	59	80	66	44		34	29		24	1,811	0.27	542.82	937
Westminster	37	159	235	196	186	213	171	233	74	329	208	121	82	109	149	84	65	45	35	79	32	2,842	0.33	852.95	1,471
Yorba Linda	36	214	342	355	333	288	350	367	117	394	273	181	167	156	123	55	66	43	61	75	42	4,038	0.47	1,281.33	2,089
MWDOC Totals	1,069	4,620	7,277	6,453	6,424	7,406	7,987	8,106	3,331	10,686	7,350	5,365	5,094	6,002	4,726	3,661	3,211	2,351	1,902	2,533	1,356	106,910	17.28	32,146.14	20,655
Anaheim	917	677	904	1,364	701	854	847	781	860	910	477	331	285	295	266	213	173	135	119	204	107	11,420	1.11	5,122.38	5,909
Fullerton	40	196	369	289	263	269	334	330	69	397	270	200	186	211	165	107	99	113	84	95	54	4,140	0.61	1,628.37	2,142
Santa Ana	15	69	188	269	244	236	235	257	87	355	190	163	131	132	259	141	124	128	49	154	162	3,588	1.77	1,254.40	1,857
Non-MWDOC Totals	972	942	1,461	1,922	1,208	1,359	1,416	1,368	1,016	1,662	937	694	602	638	690	461	396	376	252	453	323	19,148	3.49	8,005.14	3,699
		-									-														
Orange County Totals	2,041	5,562	8,738	8,375	7,632	8,765	9,403	9,474	4,347	12,348	8,287	6,059	5,696	6,640	5,416	4,122	3,607	2,727	2,154	2,986	1,679	126,058	20.77	40,151.28	24,354

HIGH EFFICIENCY TOILETS (HETs) INSTALLED BY AGENCY

through MWDOC and Local Agency Conservation Programs

Agency	FY 13-14	FY 14-15	FY 15-16	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22	Total	Cumulative Water Savings across all Fiscal Years
Brea	38	146	154	4	6	1	2	1	0	460	175.05
Buena Park	96	153	112	13	3	0	2	2	0	691	303.40
East Orange CWD RZ	13	26	24	0	0	0	2	1	0	89	
El Toro WD	218	869	264	12	6	10	5	2	1	2,061	874.84
Fountain Valley	41	132	220	7	8	10	3	_	1	838	
Garden Grove	63	350	363	7	4	5		2	1	1,499	
Golden State WC	142	794	512	9	11	5		9	3	2,825	
Huntington Beach	163	1.190	628	4	3	4	2	12	3	2,925	
Irvine Ranch WD	810	1,777	2.798	638	239	162	66	43	23	17,442	
Laguna Beach CWD	45	112	81	1	4	0	2	4	0	398	
La Habra	37	94	83	5	1	0	0	3	0	594	
La Palma	21	59	52	4	2	4	3	0	0	231	95.67
Mesa Water	147	162	162	7	3	3	15	4	0	1,643	859.82
Moulton Niguel WD	400	2,497	1,939	49	38	21	17	20	8	5,794	2,083.27
Newport Beach	49	168	243	11	6	0	0	3	3	737	302.00
Orange	142	978	416	17	10	5	4	6	2	2,206	890.25
San Juan Capistrano	35	140	202	3	9	4	0	0	2	538	208.45
San Clemente	72	225	246	11	6	10	1	5	4	898	370.39
Santa Margarita WD	528	997	1,152	114	33	11	15	28	13	3,409	1,227.23
Seal Beach	17	50	69	-1	0	0	0	0	0	857	531.14
Serrano WD	2	40	55	3	0	3	0	0	0	124	44.64
South Coast WD	102	398	235	11	7	0	0	0	0	1,028	398.14
Trabuco Canyon WD	10	108	169	2	3	2	0	2	4	350	122.83
Tustin	64	132	201	12	10	4	7	5	2	1,534	784.45
Westminster	35	161	359	3	4	0	0	5	0	1,340	631.28
Yorba Linda WD	40	280	379	12	8	2	6	0	0	1,267	550.54
MWDOC Totals	3,330	12,038	11,118	958	424	257	162	159	70	51,778	22,687.30
										-	
Anaheim	156	1,188	614	70	19	5	11	11	1	5,912	2,947.47
Fullerton	61	293	286	14	9	8	7	4	1	1,084	
Santa Ana	33	602	293	20	0	4	8	5	1	2,039	947.92
Non-MWDOC Totals	250	2,083	1,193	104	28	17	26	20	3	9,035	4,347.96
Orange County Totals	3,580	14,121	12,311	1,062	452	274	188	179	73	60,813	27,035.26

FLOW MONTIROING DEVICES INSTALLED BY AGENCY through MWDOC and Local Agency Conservation Programs

				Cumulativ
				e Water
				Savings
				across all
			Total	Fiscal
Agency	FY 21/22	FY 22/23	Program	Years
Brea	1	0	1	0.02
Buena Park	0	0	0	-
East Orange	0	0	0	-
El Toro	0	0	0	-
Fountain Valley	0	0	0	-
Garden Grove	0	0	0	-
Golden State	0	0	0	-
Huntington Beach	0	0	0	-
Irvine Ranch	3	0	3	0.03
La Habra	0	0	0	-
La Palma	0	0	0	-
Laguna Beach	0	0	0	-
Mesa Water	0	0	0	-
Moulton Niguel	0	0	0	-
Newport Beach	0	0	0	-
Orange	0	0	0	-
San Juan Capistrano	0	0	0	-
San Clemente	0	0	0	-
Santa Margarita	8	0	8	0.08
Seal Beach	0	0	0	-
Serrano	0	0	0	-
South Coast	0	0	0	-
Trabuco Canyon	0	0	0	-
Tustin	0	0	0	-
Westminster	0	0	0	-
Yorba Linda	0	0	0	-
MWDOC Totals	12	0	12	0.13

Anaheim	0	0	0	-
Fullerton	3	0	3	0.03
Santa Ana	0	0	0	-
Non-MWDOC Totals	3	0	3	0.03

	Orange County Totals	15	0	15	0.16
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COMMERCIAL PLUMBING FIXTURES INSTALLED BY AGENCY^[1]

through MWDOC and Local Agency Conservation Programs

Agency	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Totals	Cumulative Water Savings across all Fiscal Years
Brea	0	10	91	734	242	0	74	154	0	1,835	
Buena Park	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	,
El Toro WD	212	6	268	35	737	717	0	0	0	2,516	
Fountain Valley	0	1	249	0	895	0	398	0	0	2,165	1,042
Garden Grove	1	167	676	410	0	354	388	0	574	3,193	,
Golden State WC	1	0	1,008	53	93	86	80	0	0	3,124	
Huntington Beach	144	7	783	641	10	208	270	0	0	3,442	2,555
Irvine Ranch WD	451	725	11,100	5,958	1,599	1,000	15	2	2	30,482	13,590
La Habra	0	0	340	42	0	0	59	0	0	984	848
La Palma	0	0	0	509	0	0	0	0	0	675	243
Laguna Beach CWD	27	0	0	0	0	0	0	0	0	446	466
Mesa Water	0	79	661	782	0	110	19	2	0	4,385	3,280
Moulton Niguel WD	0	3	413	281	506	4,392	764	0	0	6,939	2,115
Newport Beach	0	566	0	0	0	1,596	16	0	0	3,446	2,193
Orange	271	81	275	2,851	458	532	383	2	0	6,405	3,064
San Juan Capistrano	14	0	0	0	0	0	0	0	0	260	548
San Clemente	0	1	0	0	0	0	321	0	0	753	574
Santa Margarita WD	0	2	90	743	598	699	0	0	0	2,247	604
Seal Beach	0	0	0	184	278	0	0	0	0	816	657
Serrano WD	0	0	0	0	0	0	0	0	0	0	0
South Coast WD	0	382	0	0	0	0	0	0	0	1,320	851
Trabuco Canyon WD	0	0	0	0	0	0	0	0	0	11	22
Tustin	0	75	358	212	2	408	254	0	0	2,066	1,367
Westminster	28	0	146	177	25	0	252	186	0	1,601	1,514
Yorba Linda	0	0	226	84	338	0	83	0	1	1,016	881
MWDOC Totals	1,172	2,161	17,275	13,829	5,830	10,102	3,470	346	577	82,759	45,334
Anaheim	342	463	3,072	309	1,808	686	592	211	0	17,050	11,016
Fullerton	0	178	476	621	274	384	356	0	0	3,792	2,696
Santa Ana	17	5	1,293	238	582	7	920	66	0	7,312	7,197
Non-MWDOC Totals	359	646	4,841	1,168	2,664	1,077	1,868	277	0	28,154	20,910
Orange County Totals	1,531	2,807	22,116	14,997	8,494	11,179	5,338	623	577	110,913	66,244

^[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

		Г						ı		Cumulative
										Water
										Savings
								Overall		across all
								Program	Annual Water	Fiscal
Agency	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	Interventions	Savings[1]	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	1	12	154	1065
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	1	37	875	5008
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	1	39	1291	6346

^[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

	FY 1	6/17	FY 1	7/18	FY 1	8/19	FY 19	9/20	FY 20	0/21	FY 2	1/22	Total Pr	ogram	Cumulative Water
Agency	Res.	Comm.	Res	Comm.	Savings across all Fiscal Years										
Brea	8,354	479	9,853	27,234	3,180	44,733	8,244	0	3,745	0	2,902	0	240,986	516,940	692.41
Buena Park	3,741	0	4,586	0	1,230	0	7,222	0	2,688	0	3,094	0	108,264	18,116	112.30
East Orange	0	0	0	0	0	0	0	0	0	0	5,000	0	48,120	0	49.34
El Toro	13,139	48,019	7,273	42,510	12,856	9,895	5,203	21,290	6,320	3,667	2,801	2,379	149,368	582,259	691.75
Fountain Valley	3,679	0	8,631	0	5,764	28,700	734	0	4,095	20,921	14,185	0	139,952	62,424	168.36
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	21,426	19,914	592,110	476,162	1,043.85
Irvine Ranch	231,483	46,725	86,893	61,037	55,346	203,014	23,465	30,267	14,662	18,545	15,035	36,484	1,510,939	3,476,460	4,593.68
La Habra	0	0	3,003	0	1,504	0	6,102	0	6,369	0	1,006	1,907	80,683	90,019	
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	2,445	0	76,887	48,788	131.40
Mesa Water	4,173	77,033	17,373	77,785	3,023	0	16,189	47,075	18,700	1,620	22,324	0	451,638	344,029	670.33
Moulton Niguel	220,749	0	98,271	0	106,574	0	81,778	18,951	38,555	184,371	27,194	82,306	1,781,641	3,043,376	4,591.03
Newport Beach	2,924	0	5,938	6,499	0	90,403	1,294	0	756	8,070	823	46,062	129,478	547,999	614.84
Orange	12,847	2,366	11,956	0	13,645	1,798	2,190	0	15,343	0	14,020	0	506,230	400,776	908.91
San Clemente	4,267	0	33,083	7,098	6,500	0	6,420	13,719	10,148	50,000	4,864	6,067	422,051	537,990	875.15
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	5,032	23,807	913,956	1,309,523	2,094.03
Seal Beach	1,234	0	752	0	0	0	996	0	780	3,962	4,226	0	39,900	20,377	56.92
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	1,409	70,542	360,923	582,890	890.94
Trabuco Canyon	1,465	0	4,788	0	1,536	0	4,752	49,533	1,520	0	5,957	50,000	75,807	160,245	209.64
Tustin	11,173	0	16,926	0	13,189	6,894	15,343	6,936	15,919	0	14,974	5,698	387,922	61,329	401.13
Westminster	11,112	0	10,033	0	5,924	0	1,962	0	1,237	0	4,614	0	116,141	58,533	160.40
Yorba Linda	19,420	0	9,529	3,696	12,590	12,020	7,773	0	1,090	0	4,478	10,068	534,166	145,403	
MWDOC Totals	613,934	264,998	424,780	264,697	288,590	509,385	238,771	303,842	182,627	439,036	177,809	355,234	10,100,481	13,447,634	22,267.13
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	182.627	439.036	177.809	355.234	10.100.481	13.456.848	22,278

SPRAY-TO-DRIP BY AGENCY^[1]

through MWDOC and Local Agency Conservation Programs

	FY 1	6/17	FY 1	7/18	FY 1	8/19	FY 1	9/20	FY 20	0/21	FY 2	1/22	Total Pr	ogram	Cumulative Water
Agency	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res.	Comm.	Res	Comm.	Savings across all Fiscal Years
Brea	0	0	325	0	0	0	2,026	0	1,023	0	949	0	5,073	30,833	22.34
Buena Park	0	0	0	0	0	0	0	0	1,589	0	354	3,365	1,943	7,179	3.08
East Orange	0	0	0	0	0	0	0	0	0	0	5,000	0	5,000	0	0.45
El Toro	0	0	0	11,473	3,084	14,770	0	0	0	4,000	0	0	4,584	68,883	40.48
Fountain Valley	0	0	361	1,429	1,145	19,427	0	0	2,443	0	10,271	0	15,470	20,856	11.11
Garden Grove	0	0	0	0	0	0	0	0	0	0	0	0	2,125	0	2.05
Golden State	0	0	0	0	0	0	0	0	0	0	0	0	1,000	0	0.90
Huntington Beach	0	0	1,350	0	0	0	1,140	5,309	12,159	0	12,743	0	30,767	14,792	14.52
Irvine Ranch	1,625	0	3,089	0	7,972	63,159	8,879	20,569	20,249	38,048	8,513	7,607	57,952	262,500	147.73
La Habra	0	0	0	0	0	0	0	0	3,021	0	0	0	3,021	0	0.57
La Palma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Laguna Beach	1,500	0	924	0	0	0	0	0	0	0	1,571	0	6,370	0	3.54
Mesa Water	0	0	2,163	0	2,602	7,547	6,640	0	11,062	0	6,280	0	31,247	12,444	14.63
Moulton Niguel	0	0	0	120,459	0	6,478	0	627	0	0	0	4,670	15,125	330,918	211.64
Newport Beach	0	0	1,600	0	1,495	0	0	0	301	0	457	0	3,853	52,244	36.65
Orange	0	0	0	0	4,732	0	687	0	1,927	0	2,819	0	12,415	13,152	14.71
San Juan Capistrano	0	0	0	0	0	0	0	0	0	0	0	0	2,125	0	1.82
San Clemente	0	0	2,343	8,505	0	0	0	0	5,746	0	3,135	0	12,849	8,505	7.63
Santa Margarita	625	0	5,720	0	1,533	0	2,368	15,344	11,004	0	655	0	66,905	241,355	220.55
Seal Beach	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Serrano	875	0	1,554	0	0	0	0	0	0	0	0	0	3,304	0	2.41
South Coast	625	0	0	0	0	0	1,913	30,912	0	1,018	0	85,495	7,413	150,651	40.10
Trabuco Canyon	0	0	0	0	0	0	0	0	1,748	0	0	0	1,748	0	0.20
Tustin	0	0	0	0	5,066	0	958	5,461	9,613	0	9,966	5,305	29,603	10,766	10.26
Westminster	0	0	0	0	463	0	0	0	445	0	0	0	1,783	15,339	11.03
Yorba Linda	0	0	0	4,125	3,652	0	0	0	0	0	250	15,982	6,152	20,107	5.92
MWDOC Totals	5,250	0	19,429	145,991	31,744	111,381	24,611	78,222	82,330	43,066	62,963	122,424	327,827	1,260,524	824.31
						-		-				•	-		
Anaheim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Fullerton	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Santa Ana	0	0	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	0	0.00
Orange County Totals	5,250	0	19,429	145,991	31,744	111,381	24,611	78,222	82,330	43,066	62,963	122,424	327,827	1,260,524	824

[1]Installed device numbers are listed as square feet

SMART TIMERS INSTALLED BY AGENCY

through MWDOC and Local Agency Conservation Programs

Fountain Valley Garden Grove Golden State WC Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach Orange San Juan Capistrano San Clemente	4 0 0 11 4 9 9 20 71 2 2 71 15	0 0 0 0 0 0 0 0 25 35 59 0	43 4 2 8 7 10 39 19 67	Comm 6 10 0 9 10 14 12 2 310 7	Res 20 7 1 9 13 13 42 239		33 33 28 56	4 7 1 8 12 0	Res 32 15 6 29 28 27	0 3 0 4 12	Res 33 17 1 34 36	0 7 0	Res 31 22 1 21	Comm 0 1 0	49 28 5	0 1 0	Res 23 8 3 21	0 0 0	Res 276 113 38 227	80 53 1 363	across all Fiscal Years 716.67 266.58 42.94 3.237.77
Buena Park East Orange CWD RZ EI Toro WD Fountain Valley Garden Grove Golden State WC Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	0 0 11 4 9 9 20 71 2 2 71 15	0 0 0 0 0 0 25 35 59 0	4 2 8 7 10 39 19 67	10 0 9 10 14 12 2 310	7 1 9 13 13 35 42	4 0 17 1 11	10 11 33 33 28 56	1 8 12 0	15 6 29 28	3 0 4 12	17 1 34	7	22	1 0	28 5	1 0	8	0	113 38	53 1	266.58 42.94
East Orange CWD RZ EI Toro WD Fountain Valley Garden Grove Golden State WC Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	0 11 4 9 9 20 71 2 2 71	0 0 0 0 25 35 59 0	2 8 7 10 39 19 67	0 9 10 14 12 2 310	1 9 13 13 35 42	0 17 1 1 11	11 33 33 28 56	1 8 12 0	6 29 28	0 4 12	1 34		1	0	5	0	3	0	38	1	42.94
El Toro WD Fountain Valley Garden Grove Golden State WC Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	11 4 9 9 20 71 2 2 71 15	0 0 0 25 35 59 0	8 7 10 39 19 67	9 10 14 12 2 310	9 13 13 35 42	17 1 11 16	33 33 28 56	8 12 0	29 28	12	34			-				-			
Fountain Valley Garden Grove Golden State WC Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	4 9 9 20 71 2 2 71 15	0 0 25 35 59 0	7 10 39 19 67 4	10 14 12 2 310	13 13 35 42	1 11 16	33 28 56	12 0	28	12		0	21	2	00	4	21	0	227	363	3 237 77
Garden Grove Golden State WC Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	9 9 20 71 2 2 71 15	0 25 35 59 0	10 39 19 67	14 12 2 310	13 35 42	11 16	28 56	0			26			J	28	1		-			3,231.11
Golden State WC Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	9 20 71 2 2 71 15	25 35 59 0	39 19 67 4	12 2 310	35 42	16	56		27		30	4	41	(2)	38	0	21	4	234	54	325.17
Huntington Beach Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	20 71 2 2 71 15	35 59 0	19 67 4	2 310	42					2	36	3	31	0	23	0	15	0	218	43	288.83
Irvine Ranch WD La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	71 2 2 71 15	59 0 0	67 4	310		12		37	88	6	85	15	89	0	79	0	59	0	566	213	1,316.81
La Habra La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	2 2 71 15	0	4		239		88	94	70	30	105	65	71	21	75	2	42	8	593	386	1,918.71
La Palma Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	2 71 15	0		7		207	344	420	416	78	379	105	292	146	1,300	104	270	59	4,156	2,719	17,080.17
Laguna Beach CWD Mesa Water Moulton Niguel WD Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	71 15	-	_	/	3	1	12	7	8	0	19	3	22	(2)	19	0	10	0	114	45	307.25
Mesa Water Moulton Niguel WD Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	15	^	2	0	3	2	1	0	5	0	7	0	6	0	14	0	4	0	46	2	14.49
Moulton Niguel WD Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD		U	86	0	86	1	27	0	11	0	8	0	15	0	11	0	4	0	546	20	349.16
Newport Beach 1 Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD		2	17	28	36	12	149	41	49	0	34	55	31	3	30	2	16	0	478	214	1,222.28
Orange San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	40	45	46	95	163	100	236	129	284	33	316	64	279	45	632	78	252	56	2,677	1,077	5,800.75
San Juan Capistrano San Clemente Santa Margarita WD Seal Beach Serrano WD	168	75	11	9	28	43	30	12	24	0	21	0	11	32	16	12	12	18	1,122	471	3,645.01
San Clemente Santa Margarita WD Seal Beach Serrano WD	13	9	18	31	51	13	69	10	61	13	93	26	99	15	95	2	37	6	670	227	1,446.65
Santa Margarita WD Seal Beach Serrano WD	6	11	6	19	20	8		8	23	5	20	1	24	9	17	0	9	5	315	145	963.02
Seal Beach Serrano WD	28	2	28	24	26	3	37	13	38	41	36	0	35	16	36	30	13	39	1,209	500	3,725.02
Serrano WD	64	93	53	321	189	136	326	221	273	220	222	37	223	31	226	176	152	40	2,250	1,876	9,486.98
	1	36	1	12	2	2,446	2	4	5	0	6	31	10	0	6	0	5	0	39	2,533	10,238.29
C	0	0	4	0	11	2	4	0	8	0	10	0	9	0	13	0	5	1	83	3	27.55
South Coast WD	8	4	104	73	9	11	7	0	15	2	7	7	14	0	4	3	3	0	321	224	1,640.91
Trabuco Canyon WD	2	0	6	1	16	50	13	3	20	0	33	0	35	0	38	0	14	0	243	157	1,294.78
Tustin	9	1	18	14	33	8	33	23	27	1	37	0	40	0	52	0	21	1	320	82	539.28
Westminster	2	0	13	17	7	1	17	12	22	0	24	0	20	0	17	0	7	0	155	44	304.83
Yorba Linda	12	5	32	2	61	27	72	71	68	10	74	4	111	5	134	9	72	1	797	212	1,329.70
MWDOC Totals 5	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	1,098	238	17,806	11,744	67,529.60
•	•	-		·																•	
Anaheim	9	26	7	52	30	34	87	10	66	0	142	73	111	9	177	20	62	8	802	567	3,785.91
Fullerton	8	0	40	26	32	12	53	7	45	0	77	0	61	8	93	2	43	10	518	219	1,403.93
Santa Ana	7	8	9	27	22	26	15	3	16	0	24	20	19	129	34	0	14	1	189	250	787.00
Non-MWDOC Totals	24	34	56	105	84	72	155	20	127	0	243	93	191	146	304	22	119	19	1509	1036	5,976.83
Orange County Totals 5	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	1,217	257	19,315	12,780	73,506

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

		FY 16/17	,		FY 17/1	8		FY 18/1	9		FY 19/2	20		FY 20/21			FY 21/22	2	To	tal Progra	m	Cumulative Water
	Sr	nall	Large	Sr	nall	Large	Sr	nall	Large	Sı	mall	Large	Sr	nall	Large		Small	Large	Sm	nall	Large	Savings across all Fiscal
Agency	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Res	Comm.	Comm.	Years
Brea	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	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	781	0	0	30.00
El Toro	55	242	0	36	0	0	0	0	0	0	0	0	30	(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) ;	36 (0 0	955	283	0	
Garden Grove	55	98	0	52	0	0	0	0	0	72	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	3,757	11,080	0	468.71
Huntington Beach	149	3,362	0	-37	0	0	•	0	0	65	0	0	80	(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	46	32 (0 0	48,750	94,346	2,004	6,907.61
La Habra	0	0	0	0	0	0	0	0	0	0	0	0	31	(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	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	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	2,116	385	343	266.00
Moulton Niguel	153	5,872	0	893	0	0	713	38	0	687	0	0	355	(0	20	35 (0 0	14,787	20,553	2,945	2,514.60
Newport Beach	0	0	0	45	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	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	5,415	10,489	0	656.16
San Clemente	0	0	0	146	0	0	0	0	0	35	0	0	44	. (0) (30 (0 0	10,294	7,538	1,343	1,183.01
Santa Margarita	15	0	0	224	0	0	30	0	0	229	0	0	30	(0	13	32 (0 0	16,810	6,921	611	1,200.54
Seal Beach	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	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	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	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	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	556	0	0	19.21
Yorba Linda	213	0	0	0	0	0	34	0	0	0	0	0	0	(0) 9	95 (0 0	6,210	4,359	500	657.14
MWDOC Totals	1,556	31,599	0	2,199	-710	0	1,043	1,980	0	###	0	0	1,370		0	1,07	70 (0 0	200,027	280,340	14,752	24,671.15
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			_	_1	_	-	_	_	_		_1	_									45-	
Anaheim	147		0		-		•	0	0	0	0	0			0			-	7,270	49,799	105	2,058.74
Fullerton	65	-,	0	•				_	0	. •	0	0						•	3,286	11,309	1,484	1,048.29
Santa Ana	0	1,106	0	·	·		•	0			0	0			•		50 (,	0 -10	5,752		
Non-MWDOC Totals	212	8,093	0	0	0	0	140	0	0	109	0	0	133	C	0	29	98	0 0	8,469	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	1,36	8 (0 0	208,496	347,200	16,341	28,004.16
3	-,- 30	,		-,				.,. 30					.,	'	<u> </u>	.,••	-1		,	, •	-,	

RAIN BARRELS INSTALLED BY AGENCY through MWDOC and Local Agency Conservation Programs

l i												Cumulativ
												e Water
												Savings
												across all
1											Total	Fiscal
Agency	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	Program	Years
Brea	0	15	61	8	2	0	2	1	0	0	89	1.04
Buena Park	5	9	148	24	5	3	2	2	1	0	199	2.25
East Orange	8	8	23	0	0	0	1	4	0	0	44	0.52
El Toro	5		78	13	7	6	2	4	3	0	122	1.29
Fountain Valley	8	22	210	136	16	6	1	4	2	0	405	4.53
Garden Grove	16	34	237	38	17	5	11	7	5		370	4.18
Golden State	14	43	239	207	11	9	8	10	2	0	543	6.06
Huntington Beach	147	294	700	50	11	6	8	10	4	0	1,230	15.39
Irvine Ranch	21	101	778	82	24	19	9	27	10	0	1,071	12.03
La Habra	12	15	39	4	1	0	2	0	1	0	74	0.90
La Palma	0	0	4	4	0	0	0	0	2		10	0.09
Laguna Beach	67	279	85	7	1	1	10	0	5		455	5.94
Mesa Water	8	64	229	32	14	8	11	2	4	0	372	4.28
Moulton Niguel	2	74	259	63	12	12	5	2	7	0	436	4.93
Newport Beach	3	4	52	5	5	1	3	2	0	0	75	0.82
Orange	8	41	284	31	15	12	2	2	4	0	399	4.55
San Juan Capistrano	20	70	192	4	3	4	0	2	0	0	295	3.55
San Clemente	7	54	95	6	8	3	0	1	5		179	2.10
Santa Margarita	30	29	237	46	9	6	2	6	2		367	4.26
Seal Beach	8	20	37	4	2	2	-2	0	0	0	71	0.90
Serrano	0	11	21	8	0	0	0	0	2	0	42	0.49
South Coast	14	97	55	14	3	1	0	0	2	0	186	2.34
Trabuco Canyon	0	11	44	2	1	0	0	1	0		59	0.70
Tustin	9	23	175	27	5	5	7	3	0	0	254	2.90
Westminster	5	8	118	63	23	13	16	27	0		273	2.64 2.74
Yorba Linda	5		183	18	0	3	0	4	0	0	233	
MWDOC Totals	422	1,350	4,583	896	195	125	100	121	61	0	7,853	91.43
Anaheim	12	27	235	18	2	8	7	11	1	0	321	3.64
Fullerton	16	13	171	19	0	2	5	4	0	_	230	2.67
Santa Ana	8	46	154	31	2	0	7	6	0	0	254	2.98
Non-MWDOC Totals	36	86	560	68	4	10	19	21	1	0	805	9.29
		·										

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	Total	Cumulative Water Savings across all Fiscal Years
Brea	0	0	0	0	0	0	0	0	0	0.00
Buena Park	0	0	0	0	0	0	0	0	0	0.00
East Orange CWD	0	0	0	0	0	0	0	0	0	0.00
El Toro WD	10	14	3	0	0	5	11	4	47	6,338.14
Fountain Valley	0	0	0	0	0	0	0	0	0	0.00
Garden Grove	0	0	0	0	0	0	0	0	0	0.00
Golden State WC	0	0	0	0	0	0	0	0	0	0.00
Huntington Beach	0	0	0	0	0	0	0	0	0	0.00
Irvine Ranch WD	0	3	3	2	1	1	0	0	10	1,437.58
La Habra	0	0	0	0	0	0	0	0	0	0.00
La Palma	0	0	0	0	0	0	0	0	0	0.00
Laguna Beach CWD	0	0	0	0	0	0	0	0	0	0.00
Mesa Water	0	0	0	1	0	0	0	0	1	181.92
Moulton Niguel WD	1	1	37	1	1	1	0	0	42	670.81
Newport Beach	0	0	1	0	0	0	0	0	1	767.97
Orange	0	0	0	0	0	0	0	0	0	0.00
San Juan Capistrano	0	0	0	4	2	0	1	0	7	192.57
San Clemente	1	16	6	0	0	0	0	0	23	4,567.81
Santa Margarita WD	0	17	14	4	0	0	0	0	35	2,578.38
Santiago	0	0	0	0	0	0	0	0	0	0.00
Seal Beach	0	0	0	0	0	0	0	0	0	0.00
Serrano WD	0	0	0	0	0	0	0	0	0	0.00
South Coast WD	0	4	6	1	0	1	2	0	14	1,125.83
Trabuco Canyon WD	0	0	1	0	0	0	0	0	14	1,125.03
Tustin	0	0	0	0	0	0	0	0	0	0.00
Westminster	0	0	0	0	0	0	0	0	0	0.00
Yorba Linda WD	0	0	0	0	0	0	0	0	0	0.00
MWDOC Totals	12	55	71	13	4	8	14	4	181	19,276.14
WIVVDOC TOTALS	12	35	71	13	4	٥	14	4	101	13,270.14
Anaheim	0	0	0	0	1	0	0	-		187.89
Fullerton	0	0	0	0	0	0	0	0		0.00
Santa Ana	0	0	0	0	0	0	0	0		0.00
Non-MWDOC Totals	0	0	0	0	1	0	0	0	0	187.89
Orange County Totals	12	55	71	13	5	8	14	4	181	19,464.03

NOTICE OF REGULAR MEETING OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

EXECUTIVE COMMITTEE TELECONFERENCE MEETING

May 10, 2022 9:00 a.m.

Join Zoom Meeting by clicking on the link below:

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

Meeting ID: 835 7520 9772 Passcode: 357861

One tap mobile +16699006833,,83575209772#,,,,*357861# US (San Jose) +12532158782,,83575209772#,,,,*357861# 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) +1 312 626 6799 US (Chicago) +1 929 205 6099 US (New York) +1 301 715 8592 US (Washington DC)

Find your local number: https://socwa.zoom.us/u/kd20dd16KK

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Executive Committee was called to be held on **May 10, 2022, at 9:00 a.m.** SOCWA staff will be present and conducting the meeting at SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

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 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 EXECUTIVE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE EXECUTIVE 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"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE EXECUTIVE

May 10, 2022

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 EXECUTIVE 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. <u>RFP for Facilitated Services – Alternated Wastewater Delivery [Staff Report to be provided Under Separate Cover]</u>

Recommended Action: Committee Comments, Discussion, and Direction

4. Member Agency Requests of SOCWA

Recommended Action: Committee Discussion, and Direction

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the Executive Committee at least 72 hours prior to the scheduled time of the Special 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 Executive Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 4th day of May 2022.

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

NOTICE OF SPECIAL MEETING OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

ENGINEERING COMMITTEE TELECONFERENCE MEETING

May 11, 2022 8:30 a.m.

Join Zoom Meeting by clicking on the link below:

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

Meeting ID: 841 1088 0681
Passcode: 864045
One tap mobile
+16699006833,,84110880681#,,,,*864045# US (San Jose)
+13462487799,,84110880681#,,,,*864045# US (Houston)

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

Find your local number: https://socwa.zoom.us/u/kbBNvMiElJ

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held by Teleconference on **May 11**, **2022**, 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.

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 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 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 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"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING 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 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 Items.

4. Capital Improvement Construction Projects Report [Project Committees 2, 15, and 17]

Recommended Action: Staff recommends that the Engineering Committee recommend to the PC 2 Board to approve Olsson Construction Change Orders:

- Change Order 45 for \$10,762.85, including 0 additional day(s)
- Change Order 46 for \$5,389.66, including 0 additional day(s)

For a total of \$16,152.51 and a revised contract value of \$18,730,994.51 for the J.B. Latham Package B Project.

5. Regional Treatment Plant Consequence of Failure Analysis, Dudek Engineering in the amount not to exceed \$58,970.00 [Project Committee 17]

Recommended Action: Staff requests that the Engineering Committee recommend to the PC-17 Board of Directors to authorize the General Manager to execute a contract with Dudek Engineering for the Regional Treatment Plant Consequence of Failure Analysis (47224C-000) for a fee not to exceed \$58,970.00.

6. <u>BioRad QX200 Instrument Purchase for \$159,214 (plus tax and shipping)</u> [Project Committees 5 and 24]

Recommended Action: Staff recommends that the Engineering Committee recommend to the PC 5 and PC 24 Board to:

1. Authorize a small capital budget in the amount of \$80,500 (PC 5), and \$80,500 (PC 24), and staff is authorized to adjust the budget as needed to cover tax and shipping; and

2. Authorize the purchase of the BioRad ddPCR QX200 in the amount of \$159,214 (plus tax and shipping to be determined at the time of shipping).

7. Director of Engineering Recruitment Question Solicitation

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 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 Engineering Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 4th day of May 2022.

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

I hereby certify that the following Agenda was posted at least 24 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

> <u>REVISED</u> Special Meeting of The South Orange County Wastewater Authority Board of Directors – Budget Workshop

> > May 19, 2022 8:00 a.m. – 10:30 a.m.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT www.socwa.com. 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 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 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.

FOR MEETING PARTICIPATION:

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

Meeting ID: 886 7624 0011 Passcode: 235903

One tap mobile +16699006833,,88676240011#,,,,*235903# US (San Jose) +13462487799,,88676240011#,,,,*235903# US (Houston)

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

Find your local number: https://socwa.zoom.us/u/kbicaTshcK

1.	CALL	MEETING	TO ORDER
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2. PLEDGE OF ALLEGIANCE

3. ORAL COMMUNICATIONS

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

4. AB 361 - VIRTUAL MEETING STATUS

On April 7, 2022, the SOCWA Board approved continuation of virtual meetings pursuant to AB 361 with findings up to June 11, 2022. The findings may be reconsidered at the June 2, 2022, Regular Meeting of the Board.

PAGE NO

SMWD requests that the SOCWA Board unanimously accepts CSJC's Notice of Withdrawal.

6. <u>BUDGET WORKSHOP</u>

ACTION

A. Approval of FY 2022-23 Budget5

As needed, the General Counsel will cover the vote requirements for each area at the meeting immediately prior to the motion and vote on each item.

ACTION: The Finance Committee recommends that the Board of Directors consider the FY 2022-23 Budget as proposed.

The FY 2022-23 Budget includes General Fund Expenses, Operating Expenses and Capital Expenditures as proposed.

1. General Fund Budget

Approval of the FY 2022-23 General Fund Budget. Approval of the General Fund Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

2. Project Committee Operating Budgets

- a. Approval of the FY 2022-23 Administration Budget (inclusive of project committee administration expenses, residual engineering, and IT). Approval of the FY 2022-23 Administration Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- b. Approval of the Project Committee ("PC") 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) as proposed and PC 2 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital). Approval of the Project Committee ("PC") 2 Operations and Maintenance Budget and PC 2 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- c. Approval of the Project Committee ("PC") 17 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 17 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital). Approval of the Project Committee ("PC") 17 Operations and Maintenance Budget and PC 17 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- d. Approval of the Project Committee ("PC") 15 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 15 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital). Approval of the Project Committee ("PC") 15 Operations and Maintenance Budget and PC 15 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- e. Approval of the Project Committee ("PC") 5 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 5 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering). Approval of the Project Committee ("PC") 5 Operations and Maintenance Budget and PC 5 Capital

Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

- f. Approval of the Project Committee ("PC") 24 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 24 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering). Approval of the Project Committee ("PC") 24 Operations and Maintenance Budget and PC 24 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- g. Approval of the Project Committee ("PC") 21 (ETM) Operations and Maintenance Budget, UAL and OPEB and PC 21 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering). Approval of the Project Committee ("PC") 21 (ETM) Operations and Maintenance Budget and PC 21 Capital Expenditures Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- h. Approval of the Project Committee ("PC") 8 (Pretreatment) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, UAL and OPEB). Approval of the Project Committee ("PC") 8 (Pretreatment) Operations and Maintenance Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- i. Approval of the Project Committee ("PC") 2SO (PC12) Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB). Approval of the Project Committee ("PC") 2SO (PC12) Operations and Maintenance Budget authorizes the General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action. Authorization includes the redistribution of the costs of PC 2SO (PC 12) among the member agencies to exclude El Toro Water District and Irvine Ranch Water District); the Board approves the allocation of expenses with approval of the Budget.
- j. The Board directs staff to prepare and distribute a final printed budget consistent with any additional changes presented and approved at the May 19, 2022, meeting.

PAGE NO

7.	CLOSED SE	SSION					
		Closed Session pursuant to government code section § 54957.6 Conference with Labor Negotiators					
	Agen	cy designated negotiators:	Betty Burnett, General Manager and Brad Neufeld of Varner & Brandt				
	Empl	oyee organization:	SOCWA Employees Association				
		Session pursuant to governmen t exposure to litigation – one pot	t code section 54956.9(d), paragraph 2, ential case				
	C. Report or	ut of Closed Session.					
8.	<u>FACILITATE</u>	D SERVICES – Alternate Waster	water Delivery28				
	ACTION	Receive Report from AdHoc Cauthorize Board Chair to enter	ommittee, select Facilitator, and into a contract for services.				
9.	FY2021/22 O&M Budget Update and Proposed Budget Amendments [PC 2 and PC 17]						
	ACTION	The Finance Committee recom	nmends:				
			rectors approve PC 2–JBL budget line 00 and allocated as reported; and				
			Directors approve PC 17–RTP budget \$100,000 and allocated as reported.				
10.	No. 4 to The	e 2020-2023 Memorandum of Ur	Approving New Side Letter of Agreement nderstanding between The South Orange NA Employee Association 79				
	ACTION	NO. 2022-01, A Resolution Ap No. 4 to the 2020-2023 Memo	ard of Directors approve RESOLUTION oproving New Side Letter of Agreement randum of Understanding between the tewater Authority and the SOCWA				
11.	•	00 Instrument Purchase for \$159	,214 (plus tax and shipping) 83				

PAGE NO

ACTION

Staff recommends that the PC 5 Board and PC 24 Board to:

- 1. Authorize a small capital budget in the amount of \$80,500 (PC 5), and \$80,500 (PC 24), and staff is authorized to adjust the budget as needed to cover tax and shipping; and
- 2. Authorize the purchase of the BioRad ddPCR QX200 in the amount of \$159,214 (plus tax and shipping to be determined at the time of shipping).
- 12. An amendment to the Butier Engineering Contract for Construction Management, Inspection and Other Related Services for the JBL Package B Project

ACTION

The Engineering Committee recommends to the PC 2 Board to approve an Amendment 2 to the Butier Engineering contract for construction management, inspection, and other related services for the Package B Project in the amount of \$392,535.

13. Other Matters

Open discussion or items received too late to be agendized.

Note: Determine the need to take action on the following item(s) introduced by the General Manager which arose subsequent to the agenda being posted. [Adoption of this action requires a two-thirds vote of the Board, or if less than two-thirds are present a unanimous vote.]

14. Board of Directors Offices – Appointment of Nominating Committee

ACTION

Discussion and Direction of the SOCWA Board of Directors as to selection of a Nominating Committee to report to the Board at the June 2, 2022 Board Meeting.

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING JUNE 2, 2022

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

Jointly with the

PLANNING & OPERATIONS COMMITTEE

May 2, 2022, 8:30 a.m.

Due to the current state of emergency related to the spread of COVID-19 and pursuant to Government Code Section 54953(e), MWDOC will be holding this Board and Committee meeting 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

Staff: R. Hunter, J. Berg, V. Osborn,

H. De La Torre, T. Dubuque,

D. Micalizzi, H. Baez, T. Baca

Webinar ID: 882 866 5300#

P&O Committee: Director Tamaribuchi, Chair Director McVicker

Director Nederhood

Ex Officio Member: Director Yoo Schneider

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.

ROLL CALL

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.

BOARD ACTION ITEM ((The MWDOC Board will convene as a full Board and may take action as a Board on the following item):

ECONOMIC ANALYSIS OF PROPOSED STATE WATER USE EFFICIENCY 1. **STANDARDS**

Recommendation:

(1) Authorize the General Manager to enter into a consulting agreement with Water Systems Consulting (WSC) and subconsultant M.Cubed, using MWDOC's On-Call Technical Services slate, in the amount of \$64,310 to complete an economic analysis of proposed State water use efficiency standards as outlined below; and (2) Authorize the General Manager to enter into a cost share agreement with Santa Margarita Water District to share the cost of this work. The total amount of this project is estimated to be \$64,310; with Santa Margarita's Water District's share to be \$25,000 and MWDOC's share to be \$39.310.

ACTION ITEM

- 2. AB 2639 (QUIRK) SAN FRANCISCO BAY/SACRAMENTO-SAN JOAQUIN DELTA ESTUARY: WATER QUALITY CONTROL PLAN: WATER RIGHTS PERMITS
- 3. SB 1044 (DURAZO) EMPLOYERS: STATE OF EMERGENCY OR EMERGENCY CONDITION: RETALIATION
- 4. MASTER AGREEMENTS FOR SHARED PROGRAMS AND SERVICES WITH ANAHEIM, SANTA ANA, AND FULLERTON

DISCUSSION ITEMS

- 5. LEGISLATIVE ACTIVITIES
 - a. Federal Legislative Report (NRR)
 - b. State Legislative Report (BBK)
 - c. Legal and Regulatory Report (Ackerman)
 - d. MWDOC Legislative Matrix
 - e. Metropolitan Legislative Matrix

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

- 6. 2022 OC WATER SUMMIT UPDATE
- 7. STATUS REPORTS
 - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
 - b. WEROC
 - c. Water Use Efficiency Projects
 - d. Public and Government Affairs

8. REVIEW OF ISSUES RELATED TO PLANNING OR ENGINEERING PROJECTS, WEROC, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, PUBLIC AFFAIRS PROGRAMS AND EVENTS, PUBLIC INFORMATION PROJECTS, PUBLIC INFORMATION CONSULTANTS, DISTRICT FACILITIES, and MEMBER-AGENCY RELATIONS

ADJOURNMENT

NOTE: At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

MEETING OF THE BOARD OF DIRECTORS OF THE MUNICIPAL WATER DISTRICT OF ORANGE COUNTY Jointly with the

ADMINISTRATION & FINANCE COMMITTEE

May 11, 2022, 8:30 a.m.

Due to the current state of emergency related to the spread of COVID-19 and pursuant to Government Code Section 54953(e), MWDOC will be holding this Board and Committee meeting by Zoom Webinar and will be available by either computer or telephone audio as follows:

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

Telephone Audio: (669) 900 9128 fees may apply

(877) 853 5247 Toll-free

Webinar ID: 882 866 5300#

A&F Committee:Director Seckel, Chair
Director Thomas
Director Dick

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

Ex Officio Member: Director Yoo Schneider

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.

ROLL CALL

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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PROPOSED BOARD CONSENT CALENDAR ITEMS

- 1. TREASURER'S REPORT
 - a. Revenue/Cash Receipt Report April 2022
 - b. Disbursement Approval Report for the month of May 2022

- c. Disbursement Ratification Report for the month of April 2022
- d. GM Approved Disbursement Report for the month of April 2022
- e. Consolidated Summary of Cash and Investment March 2022
- f. OPEB and Pension Trust Fund monthly statement
- FINANCIAL REPORT
 - a. Combined Financial Statements and Budget Comparative for the Period Ending March 31, 2022
 - b. Quarterly Budget Review

ACTION ITEMS

- ANNUAL APPROVAL OF DISTRICT SALARY SCHEDULE
- 4. AUTHORIZE PURCHASE OF NEW COPIER
- APPROVE CHANGES TO RECORDS RETENTION SCHEDULE
- ANNUAL REVIEW OF DISTRICT INVESTMENT POLICY AND GUIDELINES
- 7. ELECTION INFORMATION (CANDIDATE'S STATEMENTS)

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.)

- 8. DEPARTMENT ACTIVITIES REPORTS
 - a. Administration
 - b. Finance and Information Technology
- 9. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

OTHER ITEMS

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

ADJOURNMENT

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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modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

REGULAR MEETING OF THE BOARD OF DIRECTORS MUNICIPAL WATER DISTRICT OF ORANGE COUNTY 18700 Ward Street, Fountain Valley, California May 18, 2022, 8:30 a.m.

Due to the current state of emergency related to the spread of COVID-19 and pursuant to Government Code Section 54953(e), MWDOC will be holding this Board and Committee meeting by Zoom Webinar and will be available by either computer or telephone audio as follows:

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

Telephone Audio: (669) 900 9128 fees may apply

(877) 853 5247 Toll-free

Webinar ID: 882 866 5300#

AGENDA

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

NEXT RESOLUTION NO. 2127

CONSENT CALENDAR (Items 1 to 13)

(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. April 6, 2022 Workshop Board Meeting
- b. April 7, 2022 Special Board Meeting
- c. April 20, 2022 Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: April 4, 2022
- b. Administration & Finance Committee Meeting: April 13, 2022
- c. Executive Committee Meeting: April 21, 2022
- d. MWDOC/OCWD Joint Planning Committee: April 27, 2022

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of April 30, 2022
- b. Disbursement Registers (April/May)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of March 31, 2022
- 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 March 31, 2022
- b. Quarterly Budget Review

Recommendation: Receive and file as presented.

5. APPROVE CONTINUATION OF REMOTE MEETINGS PURSUANT TO AB 361 AND MAKE REQUIRED FINDINGS

Recommendation: Vote to continue virtual meetings pursuant to AB 361 for

an additional 30 days based on the findings that (1) it has

reconsidered the circumstances of the state of

emergency for COVID-19, and (2) state and local officials continue to impose or recommend measures to promote

social distancing.

6. AB 2639 (QUIRK) – SAN FRANCISCO BAY/SACRAMENTO-SAN JOAQUIN DELTA ESTUARY: WATER QUALITY CONTROL PLAN: WATER RIGHTS PERMITS

Recommendation: Adopt an Oppose Unless Amended position on AB 2639

(Quirk) and join the Association of California Water

Agencies' (ACWA) coalition.

7. SB 1044 (DURAZO) – EMPLOYERS: STATE OF EMERGENCY OR EMERGENCY CONDITION: RETALIATION

Recommendation: Adopt an Oppose Unless Amended position on SB 1044 (Durazo) and send a letter to the author and the Orange County delegation.

8. MASTER AGREEMENTS FOR SHARED PROGRAMS AND SERVICES WITH ANAHEIM, SANTA ANA, AND FULLERTON

Recommendation: Authorize the General Manager to execute the Master

Agreements for Shared Programs and Services with the cities of Anaheim, Santa Ana, and Fullerton, subject to any non-substantive changes or modifications.

9. ANNUAL APPROVAL OF DISTRICT SALARY SCHEDULE

Recommendation: Approve the proposed Salary Schedule, as presented,

effective July 1, 2022; adjusting the District salary ranges

by 3.84%, as approved during the budget process.

(Option 1).

10. AUTHORIZE PURCHASE OF NEW COPIER

Recommendation: Authorize the General Manager to purchase a Ricoh Pro

C5310S color copier at a cost of \$51,190.27 (including tax, software, installation and training) from Ricoh USA Inc., under the Sourcewell Regional Cooperative Purchasing

Agreement.

11. APPROVE CHANGES TO RECORDS RETENTION SCHEDULE

Recommendation: Approve changes to the Records Retention Schedule and

authorize staff to incorporate those changes into the

Administrative Code.

12. ANNUAL REVIEW OF DISTRICT INVESTMENT POLICY AND GUIDELINES

Recommendation: Receive and file Investment Policy Guidelines.

13. ELECTION INFORMATION (CANDIDATE'S STATEMENTS)

Recommendation: Authorize staff to submit the Transmittal of Election

Information/Special District to the Orange County Registrar of Voters, indicating that the Candidate's Statement of Qualifications will be limited to 200 words, and that the District will not pay for the statements.

End Consent Calendar

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

14. GENERAL MANAGER'S REPORT, MAY 2022 (ORAL AND WRITTEN)

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

15. MWDOC GENERAL INFORMATION ITEMS

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

Recommendation: Receive and file as presented.

ADJOURNMENT

Note: Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by contacting Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

REGULAR MEETING OF THE BOARD OF DIRECTORS MUNICIPAL WATER DISTRICT OF ORANGE COUNTY 18700 Ward Street, Fountain Valley, California May 18, 2022, 8:30 a.m.

Due to the current state of emergency related to the spread of COVID-19 and pursuant to Government Code Section 54953(e), MWDOC will be holding this Board and Committee meeting by Zoom Webinar and will be available by either computer or telephone audio as follows:

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

Telephone Audio: (669) 900 9128 fees may apply

(877) 853 5247 Toll-free

Webinar ID: 882 866 5300#

AGENDA

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

NEXT RESOLUTION NO. 2127

CONSENT CALENDAR (Items 1 to 13)

(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. April 6, 2022 Workshop Board Meeting
- b. April 7, 2022 Special Board Meeting
- c. April 20, 2022 Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: April 4, 2022
- b. Administration & Finance Committee Meeting: April 13, 2022
- c. Executive Committee Meeting: April 21, 2022
- d. MWDOC/OCWD Joint Planning Committee: April 27, 2022

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of April 30, 2022
- b. Disbursement Registers (April/May)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of March 31, 2022
- 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 March 31, 2022
- b. Quarterly Budget Review

Recommendation: Receive and file as presented.

5. APPROVE CONTINUATION OF REMOTE MEETINGS PURSUANT TO AB 361 AND MAKE REQUIRED FINDINGS

Recommendation: Vote to continue virtual meetings pursuant to AB 361 for

an additional 30 days based on the findings that (1) it has

reconsidered the circumstances of the state of

emergency for COVID-19, and (2) state and local officials continue to impose or recommend measures to promote

social distancing.

6. AB 2639 (QUIRK) – SAN FRANCISCO BAY/SACRAMENTO-SAN JOAQUIN DELTA ESTUARY: WATER QUALITY CONTROL PLAN: WATER RIGHTS PERMITS

Recommendation: Adopt an Oppose Unless Amended position on AB 2639

(Quirk) and join the Association of California Water

Agencies' (ACWA) coalition.

7. SB 1044 (DURAZO) – EMPLOYERS: STATE OF EMERGENCY OR EMERGENCY CONDITION: RETALIATION

Recommendation: Adopt an Oppose Unless Amended position on SB 1044 (Durazo) and send a letter to the author and the Orange County delegation.

8. MASTER AGREEMENTS FOR SHARED PROGRAMS AND SERVICES WITH ANAHEIM, SANTA ANA, AND FULLERTON

Recommendation: Authorize the General Manager to execute the Master

Agreements for Shared Programs and Services with the cities of Anaheim, Santa Ana, and Fullerton, subject to any non-substantive changes or modifications.

9. ANNUAL APPROVAL OF DISTRICT SALARY SCHEDULE

Recommendation: Approve the proposed Salary Schedule, as presented,

effective July 1, 2022; adjusting the District salary ranges

by 3.84%, as approved during the budget process.

(Option 1).

10. AUTHORIZE PURCHASE OF NEW COPIER

Recommendation: Authorize the General Manager to purchase a Ricoh Pro

C5310S color copier at a cost of \$51,190.27 (including tax, software, installation and training) from Ricoh USA Inc., under the Sourcewell Regional Cooperative Purchasing

Agreement.

11. APPROVE CHANGES TO RECORDS RETENTION SCHEDULE

Recommendation: Approve changes to the Records Retention Schedule and

authorize staff to incorporate those changes into the

Administrative Code.

12. ANNUAL REVIEW OF DISTRICT INVESTMENT POLICY AND GUIDELINES

Recommendation: Receive and file Investment Policy Guidelines.

13. ELECTION INFORMATION (CANDIDATE'S STATEMENTS)

Recommendation: Authorize staff to submit the Transmittal of Election

Information/Special District to the Orange County Registrar of Voters, indicating that the Candidate's Statement of Qualifications will be limited to 200 words, and that the District will not pay for the statements.

End Consent Calendar

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

14. GENERAL MANAGER'S REPORT, MAY 2022 (ORAL AND WRITTEN)

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

15. 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 REPORT OF STAFF ACTIVITIES

MAY 2022

MWDOC AGENCIES MANAGERS MEETING

MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on Thursday, April 21, 2022.

In attendance were: R. Correa – Brea, M. McGee – Buena Park, D. Youngblood – EOCWD, D. Cafferty – El Toro WD, M. Sprague & H. Lee – Fountain Valley, C. Pasillas – Garden Grove, K. Vecchiarelli – Golden State WC, A. Papa & C. Davis – Huntington Beach, P. Cook & P. Weghorst – Irvine Ranch WD, P. Shoenberger – Mesa WD, J. Cruz, L. Rocha, K. Young & M. Collings – Moulton Niguel WD, S. Catron – Newport Beach, J. Kennedy – OCWD, S. Tran – Orange, D. Rebensdorf – San Clemente, D. Ferons – Santa Margarita WD, I. Lee – Seal Beach, R. Shintaku – South Coast WD, R. Shintaku – South Coast WD, F. Paludi & M. Perea – Trabuco Canyon WD, M. Grisso – Tustin, S. Miller – Westminster, D. Davert – Yorba Linda WD, P. Brown – Paul Redvers Brown, Inc., Brian Thomas – Consultant

Staff in attendance were: H. De La Torre, A. Heide, C. Lingad, C. Busslinger, V. Osborn, M. Baum-Haley, J. Berg, K. Hostert, H. Baez, H. Chumpitazi, and T. Dubuque

General Meeting Information/Discussion Items:

- MWDOC Draft Agendas
- MWDOC Facilitated Discussions Presentation & Report
- MWDOC FY2022-23 (Final) Budget
- MWDOC Reserve Discussion
- Annual Water Loss Control Technical Assistance & Shared Services
- Metropolitan Updates
 - a. Metropolitan FY 2022-23 & 2023-24 Budget
 - b. Drought & SWP Issues
- Water Use Efficiency Standards Economic Analysis

Announcements:

- Annual Water Supply Workshops May 2 & 11, 2022
- CDR Service Area Boundary Service Connection Address Request

The next meeting will tentatively be held on May 19, 2022.

ENGINEERING & PLANNING

MEETINGS

- Charles Busslinger, Vicki Osborn, and Chris Lingad attended a meeting with CalOES on March 30, 2022, to discuss the Benefit-Cost Analysis for the WEROC Primary EOC Hazard Mitigation Grant application.
- Charles Busslinger, Joe Berg, and Chris Lingad attended several meetings with SMWD and consultants Water Systems Consulting and M. Cubed in March and April to discuss a scope of work to look at the economic impacts on both the State as a whole and Orange County of proposed long-term conservation legislation and upcoming rulemaking.
- Charles Busslinger and Chris Lingad attended a meeting with ETWD and MET on April 13, 2022, to discuss the comparative risks associated with postponing a Diemer shut down for the repair of a chlorine diffuser pipe compared to delaying the ETWD R-6 Reservoir Rehabilitation; which includes replacement of the lining and cover which have both reached the end of their useful life. The R-6 Reservoir will be out of service from October 2022 to July 2023. ETWD and other agencies who depend on the R-6 Reservoir will not be able to withstand a Diemer shutdown while the reservoir is out of service. Upon review by all parties, there was consensus that MET should re-schedule the Diemer shutdown following the completion of the R-6 reservoir rehab work.
- The MWDOC Engineering and Metropolitan and Water Issues departments held a meeting with CDM Smith on April 15, 2022, to discuss the initial results of the reliability study update.

EAST ORANGE COUNTY FEEDER NO. 2 (EOCF#2) EMERGENCY PILOT PROGRAM

Staff and Means Consulting are working with Metropolitan (MET) on defining and phasing a scope of work for emergency pump-in of local water supplies into EOCF #2 under MET Admin Code 4519: Emergency Deliveries of Member Agency Water Supplies in Metropolitan's System. The intended outcome of this effort is the establishment of an emergency pump-in program for EOCF#2 as provided by MET Admin Code 4519 and a set of guidelines for MET member agencies to use to establish their own emergency pump-in programs. The program is intended to enhance water supply reliability in the event of a prolonged emergency. Hazen & Sawyer is also providing technical assistance for this effort. This is a multi-year effort.

The staff has also been working with MET staff on a potential cost-share for the project.

Staff met with the Orange County EOCF #2 Joint Power Agreement members and capacity right holders to discuss the pilot project on March 31, 2022. Background information and key points/questions were presented to the group. A follow-up meeting will be scheduled in June once JPA members have had a chance to review the

information, discuss clarifications of key points, and determine how best to move forward with the Pilot Project.

ECONOMIC BENEFIT STUDIES AND MODELING WORK TO QUANTIFY THE BENEFITS OF LOCAL PROJECTS IN THE CONTEXT OF MET'S 2020 INTEGRATED RESOURCES PLAN (IRP)

MWDOC staff is finishing up work with the Brattle Group on the Economic Benefits Studies. The studies will be useful in helping MWDOC and our agencies better understand the reliability benefits provided by potential supply investments at both the MET level and at the Orange County level by quantifying economic benefits for Orange County. The studies look at two main sectors of the OC economy: Residential and Business sectors. The benefits are quantified by looking at the 'avoided costs' of water shortages to both of these sectors of the OC economy.

Wallace Walrod, the economist for Orange County Business Council and sub-consultant for the Brattle Group, is leading the business portion of the economic benefit studies, including a survey of the business community, to quantify how OC businesses would be impacted by water shortages of varying severity (i.e., 15% and 30% shortages for one year). Those losses are then multiplied by the probability of such a situation occurring to determine the economic impact on OC. Dr. Walrod and Dr. Boarnet have completed their preliminary report.

The residential impact analysis portion of the study is conducted by David Sunding and Dr. Oliver Browne of the Brattle Group, using available literature information from the 2020 Urban Water Management Plans.

The residential portion of the study includes an analysis of residential consumers' willingness to pay (WTP) to avoid either 15% or 30% water use reductions for one year in each of the three OC study areas (Brea/La Habra, OC Basin, and South OC). Dr. Sunding and Dr. Browne have completed their preliminary report. Their work determines total annual consumer 'welfare' losses (the difference between what consumers are willing to pay minus the cost of each additional unit of water supply) for each service area and per person's willingness to pay to avoid those losses. These per-capita losses can then be used to determine per household WTP on both a monthly and annual basis to provide context and guidance for funding of local project investment decisions.

Dr. Walrod and Dr. Browne will be presenting the preliminary findings to the MWDOC Member Agencies Managers Meeting in May 2022, followed by a presentation to the P&O Committee in June.

RELIABILITY STUDY UPDATE

Staff is working with CDM Smith on an update to the reliability study. The update will look at a total of 6 scenarios that include recent information, including; demand forecasts from the 2020 Urban Water Management Plans, information from MET's 2020

IRP process, increased uncertainty with the Delta Conveyance Project, improved climate change impact information, and updated project cost information where available.

A presentation on the scope and status of the Reliability Study update will be given at the May 2022 MWDOC Member Agencies Managers' meeting. A 2nd presentation will be given at the June P&O Committee meeting.

DOHENY OCEAN DESALINATION PROJECT

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 permits by the end of summer 2022 and estimates an online date of 2026 if the SCWD Board approves.

SCWD held a Special Board Meeting on September 2, 2021, to discuss the financial implications of the project. Clean Energy Capital (CEC) presented a water cost analysis for the project where CEC presented cost projections for a 2 MGD project with an estimated 1st-year water cost of \$1,928/AF in 2021\$ and a 5 MGD project with an estimated 1st-year water cost of \$1,479/AF in 2021\$ (later updated to \$1,807/AF in 2027\$ vs. \$1,545/AF MET Rate in 2027\$).

On March 9, 2022, the San Diego Regional Water Quality Control Board approved the Tentative Orders related to the NPDES permits for discharge associated with the Doheny Desalination Project operation. This is an important step forward toward the realization of this project.

The third-party hydrogeology study of the San Juan Basin has been extended and includes work optimizing the north and south portions of the basin.

On April 14, 2022, Dudek presented information to the SCWD Board on a conceptual study of Ocean Water Augmentation for the Doheny Desalination Project. The study considered utilizing Direct Potable Reuse (DPR) source water by two alternative methods from the JB Latham Wastewater Treatment Plant to augment raw ocean water supplies to the proposed Doheny Desalination Project. The proposed conceptual raw water augmentation could become a future phase of the ocean desalination project and was identified by the name: Doheny Ocean Pure Water Augmentation (DOPWA). This concept was based on the proposition that each other's advantages could offset the challenges of ocean desalination and DPR. The conceptual project proposes 5 MGD of product water from each source (recycled and ocean source water) to produce a combined total of 10 MGD of potable water. The report indicated that the gross cost of water in 2021 dollars for the DOPWA concept is similar to the cost of desalinated water from the Doheny Desalination Project, as shown below.

Gross Water Cost
(without MET LRP incentive)

5 MGD Doheny Ocean Desalination Project \$2,081/AF
 DOPWA Raw Water Augmentation \$2,227/AF
 DOPWA Treated Water Augmentation \$1,954/AF

Further study is also needed to determine the impacts on ocean desalination brine mixing in the San Juan Creek Ocean Outfall from reduced wastewater discharges.

POSEIDON RESOURCES HUNTINGTON BEACH OCEAN DESALINATION PROJECT

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 next step for Poseidon is to seek a Coastal Development Permit (CDP) from the California Coastal Commission (CCC). The CCC hearing will be held on Thursday, May 12, 2022, at 9:00 am.

SHUTDOWNS

Diemer Water Treatment Plant

MET is planning to repair a chlorine diffuser pipe at the Diemer WTP, requiring a sevenday full-plant shutdown. On February 3, 2022, a meeting was held to inform MET of the agencies' local supply conditions for this calendar year. MET reported that the diffuser pipe was not an imminent failure issue. Shutdown dates for repairing the Diemer chlorine diffuser pipe are being reevaluated by MET staff.

Orange County Feeder

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.

MET has delayed the relining project and has proposed new shutdown dates of September 18, 2022, through June 16, 2023.

Orange County Feeder Extension

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 have held meetings with MET staff and MET's traffic consultant to review the Traffic Control Plan details.

MET has delayed the relining project by one year and has proposed new shutdown dates of June 18, 2023, through July 14, 2023.

Orange County Reservoir (OC Feeder)

The decommissioning of the Orange County Reservoir has been rescheduled to March 20, 2022, through March 25, 2022. This work will affect the cities of Brea and La Habra.

Lake Mathews Facility Shutdown

MET has canceled the Lake Mathews Facility shutdown, previously scheduled to begin on March 14, 2022, due to low State Water Project supplies. This shutdown will be rescheduled for the 2022-2023 shutdown season. During the shutdown, the following agencies will be affected: OCWD, YLWD, Serrano WD, IRWD, TCWD, ETWD, SMWD, MNWD, and the City of San Clemente.

Allen-McColloch Pipeline

MET has completed 50% of the preliminary design of the AMP Pre-stressed Concrete Cylinder Pipe (PCCP) rehabilitation and is expected to complete 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, identifying 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.

MET plans to inspect additional PCCP sections of the AMP in FY 2023-24.

MWDOC staff continues to lead working group meetings with the impacted AMP agencies to discuss options to reduce the number of shutdowns needed for the AMP PCCP rehabilitation project while also helping to increase reliability toward future MET shutdowns. Two potential sites have been identified to construct a possible pump station to enhance the ability to accommodate longer shutdown durations for the rehabilitation project and provide long-term reliability benefits for future MET shutdowns.

MWDOC has formally proposed to MET staff a conceptual cost-share savings incentive approach following well-established public works contractor cost-share incentive programs that would allow for a sharing of realized cost savings. The staff looks forward to MET's response.

EMERGENCY PREPAREDNESS

COVID-19 (CORONA VIRUS) COORDINATION

As of 4/26, the seven-day average COVID-19 case rate in Orange County was 3.6 per 100,000 people; the positivity rate was 1.9 percent, and hospitalizations were at 66, with ICU admissions at 13. Unvaccinated individuals consist for 86% of the hospitalization and ICU cases.

On April 21, 2022, the California Occupational Safety & Health Standards (Cal/OSHA) Board voted to readopt its COVID-19 prevention emergency temporary standards (ETS), incorporating changes Cal/OSHA posted in preparation for its business meeting on April 21, 2022. If approved by the Office of Administrative Law (which is expected), the revised ETS will become effective upon filing by the Office of Administrative Law with the Secretary of State. This is the third re-adoption of the ETS, which was authorized by Gov. Gavin Newsom's Executive Order and will be in place until December 31, 2022.

The third revised ETS (which will make changes to California Labor Code Sections 3205 through 3205.4) will further require and clarify that guidance from the California Department of Public Health (CDPH) is controlling. In addition, these revisions mean that many of the benefits like testing and requesting a respirator apply regardless of vaccination status under certain circumstances.

The notable changes in the third revised ETS are provided below.

- Definitions: The third revised ETS has made several changes to specific definitions, including:
 - Close contact: The third revised ETS redefine "close contact" as "being within six feet of a COVID-19 case for a cumulative total of 15 minutes in any 24 hours within or overlapping with the infectious period [see new definition below] regardless of the use of face coverings unless the close contact is defined by regulation or order of the CDPH. If so, the CDPH definition shall apply."
 - COVID-19 hazard: The third revised ETS removes references to objects or surfaces that may be contaminated.
 - COVID-19 test: For purposes of return to work, "...a COVID-19 test may be both self-administered and self-read only if another means of independent verification of the results can be provided (e.g., a time-stamped photograph of the results)."
 - Face covering: The third revised ETS no longer requires the fabric to pass the light test to qualify as a face covering.
 - Infectious period: The third revised ETS added the term "infectious period," which has the same meaning as "high-risk exposure," except that if the CDPH provides a different definition, the definition provided by the CDPH will control. References to "high-risk exposure" are replaced with "infectious period."
 - Returned case: The third revised ETS defines "returned case" as "a COVID-19 case who returned to work [after meeting the return to work criteria] and did not

develop any COVID-19 symptoms after returning. A person shall only be considered a returned case for 90 days after the initial onset of COVID-19 symptoms or, if the person never developed symptoms, for 90 days after the first positive test. If a period of other than 90 days is required by a CDPH regulation or order, that period shall apply."

- The definition of "fully vaccinated" is removed.
- COVID-19 testing: As with the prior ETS, employers are required to make COVID-19 testing available at no cost and during the paid time to all employees who had close contact, but employers are not required to make COVID-19 testing available to returned cases.
- Training and instruction: Employers are required to provide training on the
 employer's policies for providing respirators to all employees regardless of
 vaccination status. Relatedly, employers must provide training on the conditions
 when face coverings must be worn in the workplace, with no obligation to provide
 training on using face masks outdoors.
- Face coverings: Employers are no longer required to provide face coverings or ensure unvaccinated employees wear them independently, but employers must continue to follow face-covering orders issued by the CDPH. In addition, employees that are exempt from wearing a face covering and cannot tolerate a nonrestrictive alternative or cannot wear a face covering under another exception are no longer required to socially distance or be vaccinated. However, the employee must still be tested weekly at the employer's expense during the employee's paid time.
- Other engineering controls, administrative controls, and personal protective equipment (PPE): The third revised ETS made several changes to controls and PPE, including:
 - Cleaning and disinfection: Cleaning and disinfecting procedures are no longer required. Employers do not need to continue implementing procedures to identify and regularly clean frequently touched surfaces or other objects.
 - Respirators: Upon request, employers will now be required to provide respirators for voluntary use to all employees regardless of vaccination status.
 - COVID-19 testing: Employers must make COVID-19 testing available to all symptomatic employees regardless of vaccination status at no cost to the employee during the employee's paid time.
- Exclusion of COVID-19 cases: Instead of providing independent criteria for
 exclusion, the third revised ETS explains that employers must review the current
 CDPH guidance related to quarantining persons with close contact and implement
 procedures to prevent transmission of COVID-19 by close contacts. It is worth noting
 that employers are still required to provide exclusion leave benefits to employees
 when they are not permitted to be in the workplace.
- Return to work criteria: The third revised ETS provides updated return to work criteria that apply to COVID-19 cases and employees excluded under multiple COVID infections and outbreaks (section 3205.1) and major outbreaks (section 3205.2). The criteria are similar but include some notable revisions.

- No symptoms or improvement: An employee, regardless of vaccination status or previous infection, that develops no symptoms or symptoms are improving may return to work when: (1) at least five days have passed from the date when COVID-19 symptoms began or the date of the first positive test if there are no symptoms; (2) at least 24 hours have passed since a fever of at least 100.4 degrees Fahrenheit broke without a fever-reducing medication; and (3) the employee tested negative on day five or later, or if the employer chooses not to require a test, ten days have passed since the symptoms began or the employee tested positive.
- Symptoms with no improvement: An employee, regardless of vaccination status or previous infection, whose symptoms are not resolving, may return to work when: (1) at least 24 hours have passed since a fever of at least 100.4 degrees Fahrenheit broke without a fever-reducing medication; and (2) symptoms are resolving, or ten days have passed since symptoms started.

These requirements will apply regardless of whether the employee was previously excluded or other precautions were taken to limit the employee's close contact or membership in an exposed group.

- Multiple COVID-19 infections and COVID-19 outbreaks (section 3205.1): The third revised ETS changes include:
 - COVID-19 testing for return to work employees: Employers are not required to provide COVID-19 testing to returned cases that did not develop symptoms after meeting the return to work criteria.
 - COVID-19 testing for exposed employees: Employers must now make testing available to all employees in the exposed group regardless of vaccination status. In addition, employees with close contact must test negative within three to five days of the close contact, or they must be excluded and follow the return-to-work criteria.
 - o **Respirators:** Employers must now give notice to all employees in the exposed group, regardless of vaccination status, of their right to request a respirator.
 - Use of solid partitions and social distancing: Employers are no longer required to utilize cleanable solid partitions when social distancing is impossible. Instead, employers must evaluate whether to require social distancing or maintain as much distance as feasible if a full six feet is impossible.

Major COVID-19 Outbreaks (section 3205.2): The third revised ETS changes include:

- COVID-19 testing and return to work criteria: Employers must comply with the requirements for multiple COVID-19 outbreaks, except that testing will be required for all employees in the exposed group, and employees in the exposed group will be required to follow the return to work criteria starting the date the outbreak begins.
- Use of solid partitions: Employers are no longer required to utilize cleanable solid partitions around employees' workstations in the exposed group.

 There is no update as to the status of the State of Emergency Proclamation at this time.

COORDINATION/PARTICIPATION WITH MEMBER AGENCIES AND OUTSIDE AGENCIES MEETINGS OUTSIDE OF PROGRAMS AREAS

- On 4/1, Vicki attended Waco and Provided a WEROC update
- On 4/5, Vicki attended the ISDOC Executive Meeting and provided an Operational Area Update.
- On 4/7, Vicki and Janine attended the OCEMO meeting, with regular subcommittee report-outs. Additionally, there was a presentation from OCTA on their services and response during a disaster.
- On 4/7, Vicki attended the OCEMO Exercise Design Meeting. The group did an after-action meeting during the March Public Information Seminar, and a presentation was made on the Homeland Security Exercise and Evacuation Program (HSEEP).
- On 4/7, Vicki attended the Elected Officials Forum and presented on WEROC and the EOC project to date.
- On 4/12, Vicki attended the San Diego Gas and Electric annual briefing on their emergency plans and resources available to their partner agencies.
- On 4/12, Vicki attended the OCEMO Training Subcommittee. The meeting focused on the training need throughout the Operational Area and how we can better support each other's needs.
- On 4/14, Vicki attended the ACWA Emergency Response Session and presented on the CalWARN Mutual Aid system with the other CalWARN Board Members.
- On 4/15, Vicki attended the planning meeting with the Orange County Intelligence
 Assessment Center (OCIAC) for a Cyber Security Tabletop Exercise. WEROC will
 be participating with the OCIAC during this process in preparation for a Tabletop
 Exercise (TTX) to be held with the WEROC member agencies in the fall of 2022.
 After receiving the scenario and injects, Vicki and the County Emergency Manager
 discussed with the OCIAC the scenario being presented. WEROC sent an email to
 the member agencies and briefed on this item at the MWDOC managers' meeting
 after learning more about the intent. Daniel will be the point of contact for this event.
- On 4/18, Vicki attended a CESA Legislative meeting regarding AB 2238
- On 4/19, Vicki attended the UASI Threat and Hazard Risk Assessment (THIRA)
 meeting. This joint planning effort is reported to the state and federal governments
 as part of our readiness and capabilities here within Orange County. This process is
 tied to grant funding via Homeland Security
- On 4/19, Vicki attended the CalWarn Board Meeting. The meeting focused on a discussion regarding the organization and changes, including a discussion based on input received at the ACWA conference presentation.
- On 4/20, Vicki attended the California Emergency Services Association (CESA)
 Southern Chapter Spring Workshop, which has a presentation on virtual platforms
 and their use during emergency operations center activations, and the 2022 award
 recipients for the Southern Chapter.

- On 4/20, Janine attended the Operational Area planning meeting focused on the Disease Outbreak Response Annex revision. Lessons learned from the COVID-19 response will be incorporated into the revision process.
- On 4/21, Vicki attended the MWDOC Managers' meeting and provided information regarding the upcoming cyber TTX with the OCIAC.
- On 4/27, Daniel attended the final planning meeting for the cyber TTX.
- On 4/27, Vicki attended the MET Hazard Mitigation Plan Kickoff meeting
- On 4/27, Vicki attended the Operational Area Technology Subcommittee meeting to discuss changes to AlertOC and WebEOC.
- On 4/28, Vicki attended Southern Region Mutual Aid Regional Advisory Committee (MARAC) meeting. The agenda included: MARAC Board Elections; Emergency Operations Plan Legislation & Review; 2022 State Emergency Plan draft review; Superbowl 2022 – Joint Information Center presentation; Orange County/San Diego County Oil Spill Response presentation; Power Company Mutual Assistance; NextGen 911 Alert & Warning; MARAC Subcommittee Report Outs (SEMS Refresh) and Roundtable of Elected Positions and Operational Area Emergency.

PLANNING AND PROGRAM EFFORTS

Cyber Security

- Daniel sends out important information to the Cyber Security Distribution Group as received from the DHS or the OCIAC. There has been a lot of cyber activity and notifications received over the past month. There have not been any events reported by any agencies.
- Daniel has completed the draft update of the MWDOC Cyber Plan and has shared this with Vicki. MWDOC Finance and IT will also be reviewing this procedural document
- On 4/28, Vicki attended the meeting with Tevora, the cyber contracted services reviewing the IT services at MWDOC. Finance and IT personnel were a part of this meeting, looking at the current infrastructure and services within the IT systems.
- Daniel is working on the draft regional coordination cyber response plan for use between all our member agency stakeholders.

WEROC EMERGENCY OPERATIONS CENTER PROJECT/FUNDING

- WEROC Emergency Operations Center Funding continues to be pursued by WEROC Staff. This includes the submission of the project for Federal grants and appropriation opportunities.
- Both Government Affairs and WEROC have jointly been seeking funding from other sources, including:
 - o Federal FY 2023 Homeland Security Appropriations Bill
 - State Hazard Mitigation Grant Program
 - State Department of Water Resources
 - County American Recovery Act Funding
- Phase 1 Design Continues, and the 30% design report has been received. See 3/28/22 P&O Committee Item #5 for Staff Report and PPT presentation.

- Both Engineering and WEROC were working on the Hazard Mitigation Grant Application, which was due to the State on April 8. However, after meeting with CalOES and finalizing the scope of work, this project does not meet the category within the Hazard Mitigation realm due to new construction.
- On 4/14, Vicki and Heather from Government Affairs met with Senator Feinstein and Padilla's Office as a refresher to WEROC Project. Change in FY 23 appropriations requests requires a letter of eligibility from CalOES (State) for the project to move forward, office

At one point in the meeting with Senator Feinstein's office, they alluded to the State being unsure if the WEROC EOC would be eligible. Vicki followed up with the State CALOES Office, Director of Emergency Services Mark Ghilarducci, Deputy Director Ed Westfall, and Policy Advisor Sarah Poss. They indicated they had not made a final decision. Vicki sent them additional information on the WEROC EOC and eligibility criteria, including the 1999 SEMS Guidance for Special Districts created by CalOES, which has the best practices of having a water coordination center and an EOC is. As of the time of this report, we are still waiting to hear additional information.

OPERATIONAL AREA AND MEMBER AGENCY PLAN REVIEW

Vicki has reviewed and provided written changes or feedback to the following:

- City of Anaheim Hazard Mitigation Plan
- Orange County Sanitation District Tsunami Annex and Response Plan
- Orange County Operational Area Power Outage Annex
- Orange County Operational Area Tsunami Annex

TRAINING AND EXERCISES

- On 4/12, Vicki conducted an ICS 100/700/SEMS Combined course at the MNWD campus. There were 123 people between the two classes who received this training.
- On 4/26, Daniel attended the California Southern Planning Area Interoperable Communications TTX held up at the County of Orange EMD offices.
- On 4/27, Vicki provided WEROC 101 and 800 MHz Training to the new staff at Huntington Beach.

**Look ahead. Ninety-one people registered for the WEROC Logistics Workshop/TTX on May 10. There will be 33 of the 36 WEROC member agencies stakeholders and emergency managers from the cities where special districts provide services to have an in-depth conversation on logistics communication; coordination will serve as the launch point for regional fuel planning. Special Thank You to Moulton Niguel Water District, which provides the meeting space for this WEROC event.

PUBLIC/GOVERNMENT AFFAIRS

MEMBER AGENCY RELATIONS

Public Affairs Staff:

- Completed voting and chose Poster Contest Grand Prize winners for 2022
- Coordinated the artists, delivery, and pick up of "Stella's" with local artists, member agencies, Orange County Department of Education, and the Wyland Foundation
- Interviewed and filmed a teacher at Hope School for the City of Buena Park's participation in the Streams of Hope campaign
- Interviewed Mayor Delgleize and local artist Dave Reynolds for the City of Huntington Beach's participation in the Streams of Hope campaign
- Interviewed Laguna Beach County Water District staff for their participation in the Streams of Hope campaign
- Interviewed Laguna Woods Art Association members for El Toro Water District's participation in the Streams of Hope Campaign
- Speakers Bureau: Coordinated speakers for a Fountain Valley city council
 meeting to promote MWDOC and a local artist for the Streams of Hope
 campaign. Vice President McVicker attended and participated.
- **Speakers Bureau:** Coordinated a press conference and the reveal of three (3) Stella art pieces for the City of Huntington Beach. Director Seckel attended and participated.
- Coordinated an Earth Day beach clean-up in Huntington Beach with the Wyland Foundation and the Orange County Conservation Corps
- Prepared and delivered 35 Earth Day Kits to Serra Preschool in San Clemente
- Speakers Bureau: Coordinated and attended the Westminster Pocket Park
 Groundbreaking event and press conference with the Wyland Foundation, City of
 Westminster Council, staff, local media, CBS2, and other project partners.
 President Schneider and Vice President McVicker also attended and
 participated.
- Staffed a booth at the City of Garden Grove's Re: Imagine Garden Grove Open Streets event
- Met with the Metropolitan Water District of Southern California and Irvine Ranch Water District staff regarding the Cool City Challenge program
- Coordinated meetings with Member Agencies to discuss Consumer Confidence Reports

Government Affairs Staff:

- Attended the MWDOC Elected Officials Forum
- For the LIHWAP, reached out to various member agencies to confirm if they are participating in the program, obtained updated contact info, and sent it to CSD
- Distributed the monthly Grants Tracking and Acquisition report to member agencies

COMMUNITY RELATIONS

Public Affairs Staff:

 Met multiple times with Streams of Hope (SoH) partners the Wyland Foundation, Orange County Conservation Corps, and Orange County's Adopt a Channel program to discuss SoH's progress and next steps

Governmental Affairs Staff:

Attended the OCBC Infrastructure Committee meeting

EDUCATION

Public Affairs Staff

- Provided information to the City of Garden Grove, City of Fountain Valley, and City of San Clemente regarding school program interest
- Coordinated with Orange County Department of Education's Inside the Outdoors to provide MWDOC Choice School Program based on the request received through MWDOC.com

MEDIA RELATIONS

Public Affairs Staff

- Prepared and distributed content for social media
- Prepared and submitted three articles to ACWA:
 - https://www.acwa.com/news/fountain-valley-artist-katy-wright-ready-to-revealstella/
 - https://www.acwa.com/news/groundbreaking-water-wise-pocket-park-unveiled-in-westminster/
 - https://www.acwa.com/news/buena-park-school-is-hopeful-for-a-water-wise-future/
- Prepared and distributed April's MWDOC eCurrents Newsletter
- Wrote an article for California Special District Association's CA Special Districts magazine on helping districts tell their story.
- Speakers Bureau: Participated in the Water Zone radio program with the City of Westminster's Mayor Ta and staff and the Wyland Foundation President to discuss drought and the Westminster Pocket Park project.
- Prepared and Published OC Register Insert and Digital Content <u>California Water</u>
 OC

SPECIAL PROJECTS

Public Affairs Staff

- Responded to MWDOC department requests for website information and published website updates
- Participated in a Supervisors Academy training presented by The Centre for Organization Effectiveness
- Participated in several preliminary OC Water Summit Planning Meetings
- Met with the Centers of Excellence, BAYWORK, IEWORKS, Cuyamaca College, and San Diego County Water Authority to review survey questions for the statewide water and wastewater workforce needs assessment project initiated by MWDOC through the Water-Energy Education Alliance (WEEA).

Governmental Affairs Staff:

- Staffed the WACO meeting featuring speaker Frank Ury on cybersecurity for water providers
- Staffed the ISDOC Executive Committee meeting
- Completed the CSUF Course Financial Management for Non-Financial Managers
- Invited speakers for the May WACO program on drought/water supply/community outreach
- Completed the CSUF Course Influencing Skills for Greater Results
- Staffed the WACO Planning Committee meeting

LEGISLATIVE AFFAIRS

Governmental Affairs Staff:

- Participated in the ACWA Region 10 State Legislative Committee pre-meeting
- Attended the ACWA State Legislative Committee meeting
- Attended the CSDA Legislative Committee meeting
- Along with Directors McVicker and Tamaribuchi, Charles Busslinger and Vicki Osborn met with Supervisor Katrina Foley to discuss potential funding for the WEROC EOC
- Completed the quarterly state lobbying report to be filed with the Secretary of State
- Participated in the Southern California Water Coalition Legislative Task Force meeting
- Met with Supervisor Do's staff to talk about potential funding for the WEROC EOC
- Along with Vicki Osborn, met with staff at Senator Feinstein's office to discuss the WEROC EOC Congressionally Directed Spending request
- Attended the CMUA Regulatory Committee meeting
- Along with Vicki Osborn, met with staff from Senator Alex Padilla's office to discuss the WEROC EOC Congressionally Directed Spending request

- Attended the CMUA Legislative Committee meeting
- Participated in the Metropolitan Member Agencies Legislative Update meeting
- Participated in the Cal-Desal Legislative Committee meeting

WATER USE EFFICIENCY: APRIL – MAY 2022

ORANGE COUNTY DATA ACQUISITION PARTNERSHIP (OCDAP)

On April 12, Rachel Waite attended the OCDAP Working Group Meeting. The working group collaborates on and organizes a regional effort to cost-share the acquisition of high-resolution aerial imagery and related products. Topics on the agenda included:

- Status of RFP for Cycle 2
- Group Discussion on Cycle 2 Agreements
- OCDAP Data Sharing Efforts and Projects Underway

The next meeting is scheduled for May 10.

CALIFORNIA LANDSCAPE CONTRACTORS ASSOCIATION ORANGE COUNTY CHAPTER- UNIVERSITY CLASS 1

On Wednesday, April 13, MWDOC hosted the California Landscape Contractors Association Orange County Chapter (CLCA-OC) University Class 1. This is the first inperson class conducted by CLCA-OC since early 2020. The topics were irrigation regulations, MWELO, and new plant introductions. Approximately 25 students attended the class

CONSERVATION FRAMEWORK DISCUSSION WITH THE DEPARTMENT OF WATER RESOURCES (DWR) AND NV5

On April 15, Joe Berg and Rachel W. met with DWR and NV5 staff to discuss the Conservation Framework standards and implementation. Topics discussed included:

- Special Landscape Areas (SLA) definition, determination, and engineered slopes
- DWR guidance on single or multi-family residential parcels irrigating with dedicated meters
- Plan for guidance to be drafted and provided by the State

On May 5, Shem Stygar at DWR requested additional information from staff based on comments MWDOC submitted regarding the proposed outdoor water use efficiency standard. Shem was looking for backup documentation for more than 2,000 irrigation system distribution uniformity (DU) tests MWDOC performed between 2012 and 2017 and turf removal rebate program cost data. Our DU test data shows that average uniformities are 55% and 57% for residential and commercial properties, respectively. These are far lower than the uniformity of 80% proposed by DWR and the SWRCB. With regard to the MWDOC turf removal rebate program, the average participant cost is approximately \$6,600 for a project area of 1,200 square feet, and the rebate is

approximately \$3,842, or about 58% of the total cost. Ultimately, Shem planned to present this real-world data to DWR management to justify a higher standard in 2030.

Follow-up meetings will be scheduled as needed.

WATER SAVINGS INCENTIVE PROGRAM (WSIP) DISCUSSION WITH BREA POWER II, LLC

On April 20, Sam Fetter and Rachel W., along with staff from the City of Brea, Orange County Sanitation District, and Orange County Public Works, met with staff from Brea Power II, LLC and project consultants about a large water savings project being planned for the Brea Power II site. The discussion focused on potential water savings, additional benefits, and how Brea Power II could participate in WSIP to help incentivize the project.

There is no follow-up meeting scheduled; staff will stay engaged on this topic.

METROPOLITAN WATER USE EFFICIENCY WORKGROUP

On April 21, Joe, Rachel W., Andrea Antony-Morr, Rachel Davis., and Sam attended Metropolitan's Water Use Efficiency Workgroup meeting. Topics on the agenda included:

- March Board Items
 - Conservation Update
- Upcoming April Board Items
 - Update on New and Modified Programs and Current Activity
 - Update on SNWA Progress in Eliminating Non-Functional Turf
 - Governor's Executive Order and MWD Non-Functional Turf Efforts
 - RFP for Regional Vendor Services
- Marketing Campaign Update
- AWWA AMI Study
- MWD Updates
 - External Affairs Update
 - Metropolitan Drought Response Planning
- Member Agency Roundtable
 - Drought Response Actions

The next meeting is scheduled for May 19.

STATE WATER RESOURCE CONTROL BOARD (SWRCB) EMERGENCY REGULATIONS PUBLIC MEETING

On April 21, Joe and Rachel W. attended the SWRCB Emergency Regulations webinar. The purpose of this webinar was to provide an overview of the draft emergency

regulation proposal for future consideration by SWRCB in response to the Governor's March 28, 2022, Executive Order (EO). Specifically, the EO directs the State Water Board to consider adopting a new water conservation emergency regulation to prepare for and mitigate the effects of worsening drought conditions. State Water Board staff discussed and received input on topics covered in the proposed emergency regulation, including banning irrigation of and defining "non-functional turf" and requiring all urban water suppliers to implement at least Level 2 of their Water Shortage Contingency Plan actions. The webinar provided feedback and questions about the staff proposals before the State Water Board's formal emergency rulemaking process.

ORANGE COUNTY WATER USE EFFICIENCY WORKGROUP

On May 5, Joe, Steve Hedges, Beth Fahl, Rachel D., Andrea, Sam, and Rachel W. hosted the Orange County Water Use Efficiency Workgroup meeting. Items on the agenda included:

- MWDOC Updates
- Agency Problem Solving Roundtable
- Governor's Executive Order N-7-22
- Drought Response Planning
- Metropolitan Update
 - MWD Water Shortage Emergency Declaration and Mandatory Conservation Plan Restricting Outdoor Watering in the State Water Project Exclusive Areas of the Metropolitan Service Area
 - Conservation Update
 - Update on New and Modified Programs and Current Activity
 - RFP for Regional Vendor Services
 - Update on Addenda Status
- Water Use Efficiency Updates
 - Grant Funding Update
 - Staffing Changes
 - Turf Removal Program Update
 - Survey on Future of WUE Meeting
- CalWEP Update

The next meeting will be held on June 2.



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

> (714) 963-3058 Fax: (714) 964-9389 www.mwdoc.com

Megan Yoo Schneider, P.E. *President*

Bob McVicker, P.E., D.WRE Vice President

> Al Nederhood Director

Larry D. Dick Director

Karl W. Seckel, P.E. Director

> Sat Tamaribuchi Director

Jeffrey 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 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

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AGENCIES MANAGERS MEETING

ZOOM LINK:

https://us06web.zoom.us/j/82608765902

Meeting ID: 826 0876 5902

Passcode: 830570

Dial-in option: (669) 900-9128

WHEN: Thursday, May 19, 2022 from <u>10:30 am</u> to <u>12:00 pm</u>.

DRAFT AGENDA

Opportunity to add and discuss items not already listed. Page #/Link
2. General Meeting Information/Discussion Items:
2-1. MWDOC Draft Agendas
2-2. MWDOC Reserves Process Update
2-3. O.C. Reliability Study Update Status(Link)
2-4. Economic Benefits Study(<u>Link</u>)
2-5. WEROC Updates
2-6. Metropolitan Updates
a. Shutdowns Update
b. Messaging
3. Announcements:
3-1. SWRCB Emergency Regulations Resolution
3-2. Annual Water Supply and Demand Assessments Due to DWR June 1
4. Report Items:
4-1. Monthly GM Report(<u>Link</u>)
4-2. Legislative Reports(Link)
4-3. WEROC Matrix
4-4. Grant Funding Opportunities
4-5. Water Supply Update (<u>Link</u>)
5. Next meeting will <u>tentatively</u> be held June 16, 2022.

AGENDA SOUTH ORANGE COUNTY WATERSHED MANAGEMENT AREA EXECUTIVE COMMITTEE



April 28, 2022 2:30 – 3:00 p.m.

Meeting Held Remotely

Click Here to Join Webinar

Call-in: (415) 655-0001 (Access Code: 2456 485 8614)

Event Password: socwma

Tiffany Ackley, Chair

City of Aliso Viejo

Debbie Neev

Laguna Beach County Water District

Saundra Jacobs

Santa Margarita Water District

Kelly Jennings

City of Laguna Niguel

Mike Frost

City of Dana Point

Karen McLaughlin

Irvine Ranch Water District

Sue Kempf

City of Laguna Beach

Dave Wheeler

City of Laguna Hills

Carol Moore

City of Laguna Woods

Brian Goodell

City of Mission Viejo

Neeki Moatazedi

City of Lake Forest

Kay Havens, Vice Chair

El Toro Water District

Bill Moorhead

Moulton Niguel Water District

Megan Yoo Schneider

Municipal Water District of OC

Lisa Bartlett

County of Orange

Brad McGirr

City of Rancho Santa Margarita

Steve Knoblock

City of San Clemente

Norris Brandt

San Juan Basin Authority

Doug Erdman

South Coast Water District

Betty Burnett

South OC Wastewater Authority

Ed Mandich

Trabuco Canyon Water District

Howard Hart

City of San Juan Capistrano

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

As a result of the COVID-19 emergency and State Assembly Bill 361, this meeting will be held via webinar and teleconference only. Important privacy note: This is a public meeting and as such, the webinar and teleconference access information is published and available to everyone at www.southocirwm.org. Executive Committee members and staff may attend this meeting via telephone and/or online.

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Executive Committee less than seventy two (72) hours prior to the meeting will be available on the South OC IRWM website at www.southocirwm.org.

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

LINK: <u>Click Here to Join Webinar</u> (Event Password: socwma) FOR AUDIO:

- 1. Use computer audio through Microsoft Teams; or
- 2. From Phone: Dial (415) 655-0001 (Access Code: 2456 485 8614)

If you have any questions, please contact the designated SOCWMA Meeting Administrator at maria.tamez@ocpw.ocgov.com or 714-955-0635.

TO PROVIDE PUBLIC COMMENT ON AGENDA ITEMS:

Members of the public have the opportunity to submit comments in writing via mail to Maria Tamez (SOCWMA Meeting Administrator) at 2301 N. Glassell, Orange CA 92665 or by email at maria.tamez@ocpw.ocgov.com prior to the meeting. If submitting comments via mail, please ensure your comments are received prior to 2:30 PM on April 28, 2022. Comments may also be submitted during the meeting via the "Q&A" or "raise hand" functions of Microsoft Teams – if members of the public indicate they have a comment on an item using the "raise hand" function, the SOCWMA Meeting Administrator or SOCWMA Executive Committee Chair will acknowledge. Comments on agenda items submitted via comments or email will be read aloud by the SOCWMA Meeting Administrator during the appropriate agenda item. Please identify the applicable agenda item number and keep public comments to three minutes.

Public comments on non-agenda topics as noted for Item #3 below may be submitted using the same methods noted above. Members of the public are asked to indicate the agenda item for which they are providing comment in either instance.



REGULAR BUSINESS & DISCUSSION

CALL TO ORDER

WELCOME AND PLEDGE OF ALLEGIANCE

ITEM # 1 INTRODUCTIONS/ROLL CALL

ITEM # 2 Brown Act Teleconferencing AB 361 Findings

Recommended Actions:

- 1) Review and reconsider the circumstances of the state of emergency.
- 2) Confirm that the South Orange County Watershed Management Area Executive Committee finds:
 - **a.** The South Orange County Watershed Management Area Executive Committee has reconsidered the state of emergency; and,
 - **b.** The state of emergency continues to directly impact the ability of the members to meet safely in person or State or local officials continue to impose or recommend measures to promote social distancing.
- 3) Based upon the findings in recommendations #1 and #2, the South Orange County Watershed Management Area Executive Committee will continue teleconference meetings, unless and until the findings in recommended actions #1 and #2 no longer apply.

ITEM #3 PUBLIC COMMENTS (NON-AGENDA ITEMS)

ITEM # 4 APPROVAL OF MINUTES

Recommended Action: Approve the minutes of the March 31, 2022 meeting.

ADJOURNMENT – NEXT MEETING DATE: MAY 26, 2022 (AB 361)



Regular Business

CALL TO ORDER

WELCOME AND PLEDGE OF ALLEGIANCE

ITEM # 1. INTRODUCTIONS

Committee Members: The SOCWMA Meeting Administrator will record your attendance and webinar/call-in ID name, and request confirmation during a verbal roll call. Please unmute your connection when your name is read aloud during roll call, and re-mute until you would like to speak on subsequent agenda items. The SOCWMA Meeting Administrator will read all Executive Committee member names during roll – if an alternate is serving on the Committee, they will respond when the name of the primary member is read and indicate which member they are sitting in for on the record.

Members of the Public: your line will be muted upon joining. As with all SOCWMA Executive Committee meetings, you are welcome to introduce yourself to sign-in but are not required to do so. Please either enter your name as you join or email the SOCWMA Meeting Administrator to ensure your name appears on the public record if you so choose. If you wish to submit a public comment, please use the "raise your hand" function in the webinar to be recognized or unmute yourself to speak if you're joining via a phone connection by dialing *6 ("star 6"). If you provide comment over the telephone, please state your name, affiliation (if applicable), and provide your comment.

ITEM # 2. **BROWN ACT TELECONFERENCING FINDINGS FOR FUTURE MEETINGS**

Executive Order No. N-29-20 suspended the Ralph M. Brown Act (Brown Act) requirements for teleconferencing as a result of the COVID-19 pandemic. To continue to provide increased remote access to public meetings, the state legislature passed and the Governor signed into law¹, AB 361 on September 16, 2021. This bill authorizes a local agency to use teleconferencing without complying with the teleconferencing requirements imposed by the Brown Act² when a state of emergency remains active. In order to continue to teleconference without compliance with teleconference location posting requirements, the legislative body shall, not later than 30 days after teleconferencing for the first time, and every 30 days thereafter, make the following findings by majority vote:

- 1. The legislative body has reconsidered the circumstances of the state of emergency.
- 2. Any of the following circumstances exist:
 - The state of emergency continues to directly impact the ability of the members to meet safely in person.
 - State or local officials continue to impose or recommend measures to promote social ii.

Based on this language, the Committee will need to make the above-listed findings, and every 30 days thereafter as long as the state of emergency remains active or social distancing measures are imposed or recommended. In addition to Centers for Disease Control (CDC) distancing recommendations, it is noted that the state of emergency issued in March 2020 by Governor Newsom is still in effect.

¹ https://www.gov.ca.gov/2021/09/20/governor-newsom-signs-executive-order-9-20-21/

² Effective until January 1, 2024

In order to provide for teleconferencing during future Committee meetings, recommended actions are included on this item to make appropriate findings. All Brown Act requirements to provide adequate meeting notice and providing for members of the public to access and provide public comment at each meeting will be met. Staff recommend that the Committee discuss and make findings, as appropriate, to allow teleconferencing to continue.

Recommended Actions:

- 1) Review and reconsider the circumstances of the state of emergency.
- 2) Confirm that the South Orange County Watershed Management Area Executive Committee finds:
 - a. The South Orange County Watershed Management Area Executive Committee has reconsidered the state of emergency; and,
 - b. The state of emergency continues to directly impact the ability of the members to meet safely in person or State or local officials continue to impose or recommend measures to promote social distancing.
- 3) Based upon the findings in recommendations #1 and #2, the South Orange County Watershed Management Area Executive Committee will continue teleconference meetings, unless and until the findings in recommended actions #1 and #2 no longer apply.

ITEM #3. Public Comments, Non-Agenda Topics

Any member of the public wishing to provide public comment on non-agenda items under the jurisdiction of the Executive Committee may do so during Public Comments. If you wish to submit a public comment, please use the "raise your hand" function in the webinar to be recognized or unmute yourself to speak if you're joining via a phone connection by dialing *6 ("star 6"). If you provide comment over the telephone, please state your name, affiliation (if applicable), and provide your comment. All persons addressing the Executive Committee are requested to limit comments to three minutes.

ITEM # 4. Approval of Minutes

MINUTES OF MARCH 31, 2022 FOR APPROVAL

Date and Location: March 31, 2022, 2:30 – 3:00 p.m.; meeting held remotely

ITEM # 1 Roll Call/Self-Introductions (Recording: 00:01:03)

Shaun Pelletier for Tiffany Ackley, City of Aliso Viejo*	Kay Havens, Vice-Chair, El Toro Water District
Saundra Jacobs, Santa Margarita Water District	Kelly Jennings, City of Laguna Niguel
Lisa Zawaski for Mike Frost, City of Dana Point	Karen McLaughlin, Irvine Ranch Water District
David Shissler for Sue Kempf, City of Laguna Beach	Dave Wheeler, City of Laguna Hills
Debbie Neev, Laguna Beach County Water District	Bill Moorhead, Moulton Niguel Water District
Megan Yoo Schneider, Municipal Water District of Orange County	Norris Brant, San Juan Basin Authority
Doug Erdman, South Coast Water District	Betty Burnett, South OC Wastewater Authority



^{**}Audio recording for the March 31, 2022 meeting is available <u>here</u>. Recording times noted in the minutes correspond to that item on the recording. **

^{*}Ms. Tiffany Ackley is Committee Chair; Ms. Kay Havens served as Chair for the meeting as Vice-Chair.

ITEM # 2 Brown Act Teleconferencing AB 361 Findings (Recording: 00:04:36)

The Committee reviewed the teleconferencing findings for future meetings, in compliance with AB 361. Ms. Jenna Voss, County of Orange, noted that Recommended Action #4 was no longer necessary, as County Counsel has confirmed the State of Emergency is still in effect with no set expiration date.

Recommended Actions:

- 1) Review and reconsider the circumstances of the state of emergency.
- 2) Confirm that the South Orange County Watershed Management Area Executive Committee finds:
 - The South Orange County Watershed Management Area Executive Committee has reconsidered the state of emergency; and,
 - b. The state of emergency continues to directly impact the ability of the members to meet safely in person or State or local officials continue to impose or recommend measures to promote social distancing.
- 3) Based upon the findings in recommendations #1 and #2, the South Orange County Watershed Management Area Executive Committee will continue teleconference meetings, unless and until the findings in recommended actions #1 and #2 no longer apply.
- 4) If the Proclamation of a State of Emergency expires on March 31, 2022, cancel and remove from the 2022 meeting calendar the April 28, May 26, June 23, and July 21 Committee meetings, holding the next full quarterly meeting on August 4, 2022.

Motion: Based upon the Committee making findings per recommendations #1 and #2, the South Orange County Watershed Management Area Executive Committee will continue teleconference meetings, unless and until the findings in recommended actions #1 and #2 no longer apply.

First/Second:

Betty Burnett/ Saundra Jacobs

Roll Call:

Shaun Pelletier: Yes	Debbie Neev: Yes	Saundra Jacobs: Yes	Kelly Jennings: Yes
Lisa Zawaski: Yes	Karen McLaughlin: Yes	David Shissler: Yes	Dave Wheeler: Yes
Kay Havens: Yes	Bill Moorhead: Yes	Megan Yoo Schneider: Yes	Norris Brandt: Yes
Doug Erdman: Yes	Betty Burnett: Yes	Ed Mandich: Yes	

Outcome:

Motion Passed

ITEM #3 Public Comments (Non-Agenda Items) (Recording: 00:10:23)

There were no public comments on non-agenda items.

ITEM # 4 Approval of Minutes (Recording: 00:10:35)



The minutes of the February 24 and March 3, 2022 meetings were presented to the Executive Committee for approval.

Recommended Action: Approve the minutes of the February 24 and March 3, 2022 meetings.

Motion: Approve minutes

First/Second: Saundra Jacobs/Kelly Jennings

Roll Call:

Shaun Pelletier: Yes	Debbie Neev: Yes	Saundra Jacobs: Yes	Kelly Jennings: Yes
Lisa Zawaski: Yes	Karen McLaughlin: Yes	David Shissler: Yes	Dave Wheeler: Yes
Kay Havens: Yes	Bill Moorhead: Yes	Megan Yoo Schneider: Yes	Norris Brandt: Yes
Doug Erdman: Yes	Betty Burnett: Yes	Ed Mandich: Yes	

Outcome: Approved

ITEM #7 Adjournment (Recording: 00:12:33)

Next meeting April 28, 2022

END MEETING MINUTES OF MARCH 31, 2022

Recommended Action: Approve the minutes of the March 31, 2022 meeting.

ADJOURNMENT

Next meeting date: May 26, 2022 (for AB 361 Compliance)





LOCAL AGENCY FORMATION COMMISSION OF ORANGE COUNTY

REGULAR MEETING AGENDA

Wednesday, May 11, 2022 8:15 a.m.

Planning Commission Hearing Room
Hall of Administration
333 W. Santa Ana Blvd.
10 Civic Center Plaza, Santa Ana, CA 92701

Any member of the public may request to speak on any agenda item at the time the Commission is considering the item.

- 1. CALL THE MEETING TO ORDER
- 2. PLEDGE OF ALLEGIANCE
- 3. ROLL CALL
- 4. ANNOUNCEMENT OF SUPPLEMENTAL COMMUNICATION (Communication received after agenda distribution for agendized items.)
- 5. PUBLIC COMMENT

This is an opportunity for members of the public to address the Commission on items not on the agenda, provided that the subject matter is within the jurisdiction of the Commission and that no action may be taken by the Commission on off-agenda items unless authorized by law.

- 6. CONSENT CALENDAR
 - a.) April 13, 2022 Regular Commission Meeting Minutes

 The Commission will consider approval of the April 13, 2022 meeting minutes.

b.) Amendments to the Local Guidelines for Implementing the California Environmental Quality Act (CEQA)

The Commission will consider amendments to the local guidelines for implementing CEQA.

c.) Local Agency Investment Fund (LAIF) Account Update

The Commission will consider adopting the revised resolution authorizing designated staff to invest agency funds in the LAIF.

7. PUBLIC HEARING

a.) Final OC LAFCO Fiscal Year 2022-23 Budget

The Commission will consider adoption of the final budget for Fiscal Year 2022-23.

8. COMMISSION DISCUSSION AND ACTION

a.) Professional Consultant Services Agreement with Rosenow Specavek Group

The Commission will consider approval of a professional services agreement with Rosenow Specavek Group to conduct and prepare municipal service reviews for the Southwest and West MSR regions.

b.) Selection Process and Appointment of OC LAFCO Regular Public Member

The Commission will consider appointment of the Regular Public Member for the term expiring June 30, 2022.

9. COMMISSIONER COMMENTS

This is an opportunity for Commissioners to comment on issues not listed on the agenda, provided that the subject matter is within the jurisdiction of the Commission. No discussion or action may occur or be taken except to place the item on a future agenda if approved by the Commission majority.

10. EXECUTIVE OFFICER'S REPORT

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

11. INFORMATIONAL ITEMS & ANNOUNCEMENTS

a.) 2022 LAFCO Strategic Planning Workshop

Due to unforeseen circumstances, the 2022 Strategic Planning Workshop has been rescheduled to Wednesday, July 13, 2022 from 8:30 a.m. to 12:00 p.m., at the County Administration South (CSA) Multipurpose Room, 601 North Ross Street, Santa Ana, CA 92701.

12. CLOSED SESSION

No closed session items scheduled.

13. ADJOURNMENT OF REGULAR COMMISSION MEETING

PUBLIC PARTICIPATION:

The Local Agency Formation Commission of Orange County welcomes your participation. The public may share general comments or comments on agenda items through the following options:

- 1) <u>In-person</u> comments may be provided during the general comment period on off-agenda items and during the hearing of a specific agenda item. In accordance with the OC LAFCO guidelines, each speaker's comments may not exceed three (3) minutes for the respective item. If you have documents for the Commission, please bring 15 copies and submit to the Commission Clerk for distribution.
- 2) <u>Written</u> general comments or comments on specific agenda items may be submitted by email to the Commission Clerk at <u>ccarter-benjamin@oclafco.org</u>. Comments received no less than twenty-four (24) hours prior to the regular meeting will be distributed to the Commission and included in the record.

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 www.oclafco.org.

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.

AMERICANS WITH DISABILITIES ACT (ADA)

All regular meeting agendas and associated reports are available at www.oclafco.org. Any person with a disability under the Americans with Disabilities Act (ADA) may receive a copy of the agenda or associated reports upon request. Any person with a disability covered under the ADA may also request a disability-related modification or accommodation, including auxiliary aids or services, to participate in a public meeting. Requests for copies of meeting documents and accommodations shall be made with OC LAFCO staff at (714) 640-5100 at least three business days prior to the respective meeting.



Executive Committee Meeting

Mailing Address

P.O. Box 20895 Fountain Valley, CA 92728 Tuesday, May 10, 2022 7:30 a.m.

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

Meeting Location

MWDOC/OCWD 18700 Ward Street Fountain Valley, CA 92708

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

https://isdoc.specialdistrict.org/

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. Saundra Jacobs Santa Margarita Water District

Staff Administration

Heather Baez

Municipal Water District of Orange County

Tina Dubuque

Municipal Water District of Orange County

Mooting ID: 992 8738

AGENDA

- Welcome, Introductions 7:30 am
 [Please mute yourself when not speaking. Please raise hand on Zoom if you have a
- II. Approval of Minutes 7:35 am

question or comment.]

- Consider approval of the minutes for the April 5, 2022 meeting.
- III. Public Comments on items not on the agenda- 7:40 am
- IV. New Business 7:45 am
 - New Associate Member: Bill Morton, Municipal Finance Corporation
 - ISDOC Bank Accounts
- V. Old Business 8:00 am
 - -----
- 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 Executive Committee (Virtual Meeting via Zoom)

April 5, 2022

Minutes

I. Welcome

President Mark Monin called the meeting to order at 7:30 a.m. and welcomed all.

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)

Saundra Jacobs, Immediate Past President (SMWD)

Others Present:

Chris Palmer (CSDA)

Stacy Taylor, Water Policy Manager (Mesa WD)

Mike Scheafer (CMSD)

Gavin Centeno (OC LAFCO)

Heather Baez, Government Affairs Manager (MWDOC)

Laura Heflin, Administrative Assistant (Serrano WD)

Jim Fisler (Mesa WD)

Tina Dubuque (MWDOC)

Kay Havens, Director (ETWD)

Larry Dick (MWDOC)

Alison Martin (YLWD)

Vicki Osborn (WEROC)

Stephen Faessel (City of Anaheim)

Paul Mesmer (Surfside Colony Community)

Jerry Vilander (SWD)

II. Minutes

A motion was made (Director Green), seconded (Director Mills), and unanimously carried via roll call vote to approve the minutes of the February 1, 2022 meeting as submitted.

III. Public Comments

 Mr. Mesmer reported that the federal budget has been signed off on and funding is now assured for Surfside Colony Community District. Mr. Mesmer thanked the members of ISDOC for their support.

IV. New Business

• President Monin stated that elections will be held in July. If you are interested in this opportunity, please let him know.

V. Old Business

President Monin reported that he is in favor of doing the quarterly meetings in person, (not to include the upcoming April meeting which will be held via the Zoom platform), but would like the Executive Committee meetings to remain remote. Ms. Baez reported that meetings are not required to be held in person and that the Boardroom at MWDOC is available for the July and October quarterly meeting. President Monin requested input from attendees. Director Schafer stated that she liked the Zoom option for Executive Committee meetings and that quarterly meetings could be alternated (inperson and remote). Discussion revolved around charging for the quarterly luncheon. Input was received from Ms. Taylor, Director Green, Ms. Baez and President Monin all stating that we should continue to charge as this could be perceived as a gift of public funds and that a headcount is required to the caterer. Director Mills recommended that we raise the cost now to handle the inflationary issues as well additional cost for picking up the soft drinks etc., through the caterer. Director McVicker stated that he supported raising the cost and holding the meetings in person. Director Green concurred and suggested that part of the luncheon dues be underwritten. Following discussion, it was moved (Director Green), seconded (Director Jacobs), and unanimously carried to hold the quarterly meetings in person. Additionally, it was agreed that the cost of lunches would be raised to \$20 to include sodas and ice, etc. Director Fisler stated that there have been four years of monthly discussions about how to disburse the \$12,000 in the account and suggested that part of this may be used to offset the cost of lunches. President Monin reported that this will be agendized for next month. Director Dick requested a program whereby scholarship funds may be used for the current or incoming president of ISDOC to attend meetings and seminars so that they may be more up to speed.

VI. Treasurer's Report – Director Green

Director Green reported that there is a balance of \$11,829.54 which represents no change over the last few months. Director Green recommended that we may want to open another account in order to earn interest and suggested that this topic be agendized for the next meeting. President Monin concurred with this suggestion due to rising interest rates.

VII. CSDA - Director Schafer

- Director Schafer recommended that attendees read the Take Action Brief by Chris Palmer which is excellent.
- Director Schafer reported on a number of meetings that she recently attended.
- Leadership academy is 4/3 4/6 in San Diego.
- Special District's legislation day is 5/17 and 5/18 in Sacramento.
- The General Manager Leadership conference is scheduled for 6/19 6/12 in Coronado.
- CSDA's annual conference is 8/22 8/25 in Palm Desert.
- The Board Secretary conference is 11/7 11/9 in Monterey.
- CSDA is offering a 90-day trial period for membership.
- The Strategic Plan for CSDA will be finalized after the June conference.

VIII. LAFCO Report – Director Fisler

Director Fisler reported that the next meeting is April 13 at 8:15 a.m. in person at the
Hall of Administration. Agenda items include the financial quarterly report. The
Commission will also consider a company named RST to prepare the MSR's. It has been
difficult to find companies as they are in high demand at this time. A public member
seat and two special district seats are available currently.

IX. ACWA Report – Director Jacobs

- Director Jacobs reported that a reception is being held for President Tobin and Vice President Green in April. If you are interested in attending, please contact Director Jacobs.
- Director Jacobs that ACWA-JPIA Board of Directors will be voting at the May 2 meeting in Sacramento on the two candidates for the Board. There will also be a special election for the Executive Committee.
- The ACWA conference is May 3-5 in Sacramento which will be the second in-person meeting since COVID.
- The Education Committee Campaign (via the Infrastructure Committee) is working on increasing awareness for the importance of strengthening the water infrastructure. They have received Board approval for \$500,000.

- Sara Hodges is the new representative for Region 8, 9 and 10 and has been touring facilities.
- Director Jacobs reported on the Governor's Executive order relating to the drought.
- ACWA has a Fixed Cost Subcommittee whose role is to educate agencies on putting the water charges on the property tax bill in the disadvantaged areas.
- The DC Conference will be held in July this year, and Director Jacobs encouraged attendees to attend.

X. OCCOG Report – Director Scheafer

- Director Scheafer reported that meetings are held virtually and that the strategic planning process has started. Focus groups are currently meeting.
- The Orange County Business Council's new President has made a presentation and discussed lifestyle in Orange County.
- Contracts for housing related issues was also discussed as agendized. Housing continues
 to be the main focus on the OCCOG level. Contracts for rezoning efforts was discussed
 as well as ADU changes and regulations.
- OCCOG bylaw changes were discussed.

XI. Orange County Operational Area Report – Vicki Osborn

- Ms. Osborn reported on the recent fires and weather events which have been resolved.
- Communications are being improved with the OCFA.
- The County is working on updating the tsunami response plan.
- Communications are being reviewed relating to the drought to ensure that accurate information is being conveyed.
- A public morning seminar was held last week with various presenters discussing communication challenges.
- A logistics table top exercise effort is being hosted on May 10 to review supply chain issues and other items.
- The Mutual Aid Advisory Council meets next month.

XII. Subcommittee Reports

- Programs Director Schafer asked for suggestions for guest speakers. Director Jacobs recommended cybersecurity as a topic. Director Scheafer concurred. CSDA will be covered at the quarterly meeting. The highlighted special district will be Costa Mesa. Ms. Osborn recommended that we bring in the Director of the Orange County Intelligence Center to address the cybersecurity issue. President Monin agreed with this, and Ms. Osborn agreed to assist with the coordination.
- Membership Director McVicker stated that he has reached out to various folks regarding additional participation and membership.
- Legislative Director Jones reported on the federal news reported that the deficit will be \$1.15T and the wealth tax will be the minimum of 20% for those with estates over

\$100M. Federal bills were reviewed as well as State News and Bills. Governor Newsom issued Executive Order No. N-7-22 on March 28 increasing water conservation.

XIII. Adjourn: President Monin thanked the various attendees and staff for their assistance and participation. Please keep the people of Ukraine in your thoughts. The next meeting is scheduled for May 3, 2022 at 7:30 a.m. via Zoom. The quarterly meeting is set for April 28 at 11:30 a.m. in person. The meeting was adjourned at 8:34 a.m.

Signed:	Song miles
<u> </u>	ISDOC Secretary

Date: April 5, 2022



AGENDA

Friday, May 13, 2022 7:30 a.m. – 9:00 a.m.

Register in advance:

https://us06web.zoom.us/meeting/register/tZwtd-mvqD8sGNFUFhC-iE9itFC5T8PLinbH

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/Medha Paliwal
Orange County Water District (OCWD)

Heather Baez

Municipal Water District of Orange County (MWDOC)

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Municipal Water District of OrangeCounty

1. Welcome

- Cathy Green, Orange County Water District
- 2. Housekeeping & Meeting Etiquette
- 3. Pledge of Allegiance
- 4. Reports
 - Water Emergency Response Organization of Orange County (WEROC) – Vicki Osborn
 - California Special Districts Association (CSDA) Chris Palmer
 - Association of California Water Agencies (ACWA) Cathy Green

5. Program

6. Adjourn

"Living in the Dash: Managing and Communicating through the 2020 - ??? Drought"

Speakers:

- Brad Coffey, Group Manager, Water Resources Management, Metropolitan Water District of Southern California
- Debra Sass, Team Manager, Creative Design, External Affairs, Metropolitan Water District of Southern California
- Teresa Gonzalez Robertson, Principal Public Affairs Representative, External Affairs, Metropolitan Water District of Southern California

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Next WACO Meeting

Friday, June 3, 2022 at 7:30 a.m. via Zoom

Next WACO Planning Committee Meeting

Tuesday, May 17, 2022 at 7:30 a.m. via Zoom



WACO Planning Committee Tuesday, May 17, 2022 at 7:30 A.M.

Join Zoom Meeting https://zoom.us/j/92882659982

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

AGENDA

Mailing Address

P.O. Box 20895 Fountain Valley, CA 92728

Meeting Location

Virtual - Zoom

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

www.mwdoc.com/waco www.ocwd.com/news-events/events/waco

Officers

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Heather Baez

Municipal Water District of Orange County

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WELCOME

ACTION ITEMS

- 1. June 3, 2022 WACO Meeting
 - o Reports: WEROC, Met, ACWA
 - Program: Chuck Bonham, Director, CA Department of Fish and Wildlife
 - · Confirm reports
 - · Confirm presentation details
- 2. July 8, 2022 WACO Meeting (held 2nd Friday due to July 4th holiday)
 - o Reports: WEROC, Met, ACWA
 - Program: Sites Reservoir Update
 - Speakers: Jerry Brown, Executive Director and Kevin Spesert, External Affairs Manager
 - · Confirm reports
 - · Confirm presentation details

DISCUSSION ITEMS

- 1. Potential topics for future meetings:
 - Regional water recycling program (Karl Seckel)
 - DWR development of water use efficiency standards (Stacy Taylor)
 - Impact of SGMA in San Joaquin Valley w/ Dr. David Sunding, Berkeley Professor (Al Nederhood)
 - o ACWA update by President Tobin and Vice President Green (Stacy Taylor)
 - Western Growers, Orange County office (Larry Dick)
 - Updating California Water Laws to Address Drought and Climate Change w/ Holly Doremus, Professor of Law, Berkeley (Peer Swan/Karl Seckel)
 - Professional Labor Agreements (PLA) at MET w/ speakers from the independent contractors & Eduardo from the trades (Larry Dick)
 - o Camille Touton, USBR Commissioner (Fall timeframe)
 - Forest Management w/ Barney Gant, Dept. of Forestry (Jim Atkinson)
 - LA, MET and Impacts to Orange County w/ Marty Adams (Peer Swan)
 - Upper Colorado River w/ Anne Castle, University of Colorado Law School Senior Fellow (Karl Seckel)
 - o MET Climate Action Plan (Al Nederhood)
 - Salt management/PFAS (Peer Swan)
 - Delta with Jay Lund, Professor of Watershed Sciences (Karl Seckel)
 - Ways water districts add to income stream w/o rate payers (Larry Dick)
 - 1,2,3-TCP in the Central Valley (Cathy Green)
- 2. Discussion of May 13 meeting: MET Water Supply & Drought Communications

INFORMATIONAL ITEMS

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

ADJOURN

DATES TO REMEMBER

MAY/JUNE 2022

- 1. May 26 12 noon South Orange County Agencies Meeting
- 2. May 26 2:30 p.m. SOCWMA Executive Committee Meeting
- 3. May 27 12 noon Pres/VP/GM Meeting
- 4. May 30 MEMORIAL DAY DISTRICT OFFICE CLOSED
- 5. May 31 10:00 a.m. RRC Meeting
- 6. Jun 1 8:30 a.m. MWDOC/MET Directors Workshop
- 7. Jun 2 8:30 a.m. SOCWA Board Meeting
- 8. Jun 2 11:30 a.m. CAG Meeting
- 9. Jun 3 7:30 a.m. WACO Meeting
- 10. Jun 3 DISTRICT OFFICE CLOSED
- 11. Jun 6 8:30 a.m. MWDOC Planning/Operations Meeting
- 12. Jun 6 1:30 p.m. SOCWMA Management Committee Meeting
- 13. Jun 7 7:30 a.m. ISDOC Executive Committee Meeting
- 14. Jun 8 8:15 a.m. LAFCO
- 15. Jun 8 8:30 a.m. MWDOC Admin/Finance Meeting
- 16. Jun 9 8:30 a.m. SOCWA Engineering Committee Meeting
- 17. Jun 10 12 noon Pres/VP/GM Meeting
- 18. Jun 13 9:00 a.m. Agenda Review
- 19. Jun 15 8:30 a.m. MWDOC Board Meeting
- 20. Jun 16 8:30 a.m. Santiago Aqueduct Committee (SAC)
- 21. Jun 16 10:30 a.m. MWDOC Managers Meeting
- 22. Jun 17 DISTRICT OFFICE CLOSED
- 23. Jun 20 7:30 a.m. Regular Engineering/Finance Committee Meeting
- 24. Jun 21 7:30 a.m. WACO Planning Committee Meeting
- 25. Jun 21 10:30 a.m. SOCWA Finance Committee Meeting

- 26. Jun 23 7:30 a.m. Regular Board Meeting
- 27. Jun 23 2:30 p.m. SOCWMA Executive Committee Meeting
- 28. Jun 24 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 know 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 untendered 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.

Evapotransporation: 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 if 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.