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.

Lake i orest, Camornia.

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

October 26, 2023

7:30 a.m.

BOARDROOM, DISTRICT OFFICE 24251 LOS ALISOS BLVD., LAKE FOREST, CA 92630

This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the virtual component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

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/89375055831 (Meeting ID: 893 7505 5831).

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 Havens

PLEDGE OF ALLEGIANCE - Vice President Monin

ROLL CALL (Determination of a Quorum)

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.)

1. Consider Board Member's Request for Remote Participation (AB 2449)

2. <u>Presentation of Awards, Recognitions, Certifications and Introductions</u>

a. Service Awards

Mr. Cafferty will recognize and congratulate Yesenia Ocampo, Maintenance Worker I, for 5 years of service with the District.

Mr. Cafferty will recognize and congratulate Josh Perez, Electrical Systems/SCADA Supervisor for 10 years of service with the District.

Mr. Cafferty will recognize and congratulate Christopher Magill, Truck Driver, for 20 years of service with the District.

3. 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)

- Consider approving the minutes of the September 26, 2023 Special Board meeting
- b. Consider approving the minutes of the September 28, 2023 Board meeting

Recommended Action: The Board will consider approving the above Consent Calendar.

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

GENERAL MANAGER ACTION ITEMS

5. Resolution No. 23-10-2 Modifying Standing and External Organization
Board and Staff Assignments for the remainder of Calendar Year 2023
(Reference Material Included)

Staff will review and comment on Resolution No. 23-10-2 modifying Standing and External Organization Board and Staff Assignments for the remainder of calendar year 2023.

<u>Recommended Action:</u> Staff recommends approval of Resolution No. 23-10-2 modifying Standing and External Organization Board and Staff Assignments for the remainder of calendar year 2023.

RESOLUTION NO. 23-10-2

RESOLUTION OF THE BOARD OF DIRECTORS OF THE EL TORO WATER DISTRICT
MODIFYING STANDING AND EXTERNAL ORGANIZATION
BOARD AND STAFF ASSIGNMENTS
FOR THE REMAINDER OF CALENDAR YEAR 2023

GENERAL MANAGER INFORMATION ITEMS

General Manager's Monthly Report (Reference Material Included)

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

7. <u>Legislative Reports</u> (Reference Material Included)

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

- 8. <u>Public Education and Outreach Report</u> (Reference Material Included)
 - Staff will review and comment on the Public Education and Outreach report.
- 9. <u>Water Use Efficiency Report</u> (Reference Material Included)

Staff will review and comment on the Water Use Efficiency Report.

- **10. SOCWA Report** (Reference Material Included)
 - a. SOCWA Board Meeting October 5, 2023
 - b. SOCWA Engineering Committee Meeting October 12, 2023
 - c. SOCWA Special Board Meeting October 24, 2023

11. <u>Municipal Water District of Orange County (MWDOC) Report</u>

(Reference Material Included)

- a. MWDOC Planning/Operations Meeting October 2, 2023
- b. MWDOC/MET Directors Workshop October 4, 2023
- c. MWDOC Admin/Finance Meeting October 11, 2023
- d. MWDOC Board Meeting October 18, 2023
- e. MWDOC Managers Meeting October 19, 2023

12. <u>South Orange County Agencies Group Meeting</u> (Reference Material Included)

Report on the September 28, 2023 South Orange County Agencies Group Meeting.

13. Local Agency Formation Commission (LAFCO) Report

(Reference Material Included)

Report on the October 11, 2023 LAFCO meeting

14. ISDOC Meetings Report (Reference Material Included)

Report on the October 3, 2023 ISDOC Executive Committee meeting

- **15.** <u>WACO Meetings Report</u> (Reference Material Included)
 - a. Report on the October 6, 2023 WACO meeting
 - b. Report on the October 17, 2023 WACO Planning meeting

COMMITTEE AND GENERAL INFORMATION

16. <u>Dates to Remember for October/November 2023</u> (Reference Material Included)

COMMENTS REGARDING NON-AGENDA ITEMS

ATTORNEY REPORT

CLOSED SESSION

- 1. Pursuant to Government Code Section 54956.9(d)(1) to consult with legal counsel and staff regarding the following existing litigation: *Plaintiff, Marlene Jean v. Defendants, Dollar Tree Stores, Inc. et al.,* Superior Court of Los Angeles Case No. 19STCV25234.
- 2. Pursuant to Government Code Section 54957(b)(1) to conduct the General Manager's annual performance evaluation.

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 SPECIAL MEETING OF THE BOARD OF DIRECTORS September 26, 2023

At approximately 7:30 a.m. President Havens called the regular meeting to order. President Havens led in the Pledge of Allegiance to the flag.

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

Also participating were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, SHERRI SEITZ, Public Relations Manager, GILBERT J. GRANITO, General Counsel, WYATT MCCLEAN, Board Candidate, FRED ADJARIAN, Board Candidate, and POLLY WELSCH, Recording Secretary.

Oral Communications/Public Comment

There were no comments.

ETWD Board of Director Office Appointment

President Havens read the General Qualifications in order to be a candidate for Director, California Water District Board. She further stated that both Board candidates qualify for these categories.

President Havens stated that the District is 63 years old, serving approximately 48,000 customers, and maintains three services (potable water service, sewer service, and recycled water service). She further stated that the District has 61 highly valued employees, and there are committee assignments, conferences, and policy dinners that the Board members attend.

President Havens stated that the individual candidates would be requested to leave the Board room and then interviewed one at a time.

September 26, 2023 Special Bd Minutes At approximately 7:45 a.m. Ms. Welsch escorted Mr. Adjarian and Mr. McClean to the employee breakroom.

Mr. McClean was randomly chosen to be the first interview. Ms. Welsch escorted Mr. McClean from the employee breakroom back to the Board room.

Mr. McClean was asked a series of questions by each of the Board members who took individual notes during the interview. After the interview questions were answered, Ms. Welsch escorted Mr. McClean back to the employee breakroom.

At approximately 8:10 a.m. Mr. Adjarian was escorted by Ms. Welsch from the employee breakroom back to the Board room.

Mr. Adjarian was asked a series of the same questions by the Board members.

At approximately 8:45 a.m. the Board took a short recess.

At approximately 9:00 a.m. regular session resumed, and the two candidates were returned to the Board room.

President Havens asked for a Motion.

Motion: Director Freshley made a motion, seconded by Director Monin to appoint Fred Adjarian to the Board vacancy seat.

Roll Call Vote:

Director Monin aye
Director Gaskins aye
Director Freshley aye
President Havens aye

President Havens and the Board thanked the candidates for their interest in serving on the ETWD Board and for their time today in interviewing for the vacancy.

Oath of Office

At approximately 9:07 a.m. Mr. Cafferty administered the Oath of Office to Director Adjarian.

Notification to Registrar of Voters Office and to the Orange County Clerk of the Board

Mr. Cafferty stated that the District's Board Secretary would now forward the

newly appointed Director's Oath of Office form to the Orange County Clerk of the Board

and the Registrar of Voters office.

President Havens asked for a Motion.

Motion: Director Freshley made a Motion, seconded by Director Monin to

authorize the District's Board Secretary to forward the newly appointed Directors Oath

of Office form to the Orange County Clerk of the Board and Registrar of Voters office.

Roll Call Vote:

Director Monin aye

Director Gaskins aye

Director Freshley aye

Director Adjarian aye

President Havens aye

At approximately 9:08 a.m. Mr. McClean thanked the Board for their

consideration and left the meeting.

Director Adjarian thanked the Board for their support in appointing him to the

Board vacancy.

Adjournment

There being no further business the Special Board meeting was closed at

approximately 9:11 a.m.

Respectfully submitted

POLLY WELSCH

Recording Secretary

APPROVED:

KAY HAVENS, 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 REGULAR MEETING

OF THE

BOARD OF DIRECTORS

OF THE

EL TORO WATER DISTRICT

September 28, 2023

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

President Havens led in the Pledge of Allegiance to the flag.

Directors KAY HAVENS, MIKE GASKINS, MARK MONIN, FRED ADJARIAN, and KATHRYN FRESHLEY participated.

Also present were DENNIS P. CAFFERTY, General Manager, HANNAH FORD, Engineering Manager, JUDY CIMORELL, Human Resources Manager, SCOTT HOPKINS, Operations Superintendent, VISHAV SHARMA, CFO, VU CHU, Water Use Efficiency Analyst, MIKE MIAZGA, IT Manager (Zoom), VICKI TANIOUS (Zoom), GILBERT J. GRANITO, General Counsel, and POLLY WELSCH, Recording Secretary.

Determination of a Quorum

Roll Call:

Director Monin here
Director Gaskins here
Director Freshley here
Director Adjarian here
President Havens here

Five Board members were present for the meeting, therefore a quorum was determined.

Oral Communications/Public Comments

Mr. Cafferty read aloud to the Board a mailed request from a resident in Lake Forest for the Board to consider creating a policy to fine water wasters.

Items Received Too Late to be Agendized

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

Consent Calendar

President Havens asked for a Motion.

Motion: Director Freshley made a Motion, seconded by Director Monin to approve the Consent Calendar.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Director Adjarian	aye
President Havens	aye

Director Reports for Meetings Attended

Director Monin stated that he attended the CSDA conference, the ISDOC Executive Committee meeting, the WACO meeting, the MWDOC/MET Directors workshop, the CASA conference, the WACO Planning Committee, the MWDOC Admin/Finance meeting, the Special Board meeting, the OCCOG meeting, and the regular ETWD Board meetings.

Director Gaskins stated that he attended the MWDOC Planning/Operations meeting, the RRC meeting, the Board luncheon, the MWDOC/MET Directors workshop, the SOCWA Board meeting, the WACO meeting, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the ETWD Special Board meeting, the SOCWA Special

Board meeting, the South County Agencies meeting, TV-6 program, and the regular ETWD Board meetings.

Director Freshley stated that she attended the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the LAFCO meeting, the MWDOC Board meeting, the ETWD Special Board meeting, the SOCWA Special Board meeting, the SOCWA Board meeting, the SOCWA Finance meeting, the Laguna Woods City Council meeting, two Laguna Hills City Council meetings, WACO, ACWA Engineering Committee meeting, and the regular ETWD Board meetings.

President Havens stated that she attended the MWDOC Planning/Operations meeting, the Board luncheon, the MWDOC/MET Directors workshop, WACO, the MWDOC Admin/Finance meeting, the ETWD Special Board meeting, the Agenda Review meeting, the University of California Landscape Planning Irrigation Trials meeting, the MWDOC Board meeting, and the regular ETWD Board meetings.

General Manager Action Items

Election of Vice President

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Director Freshley to elect Director Monin as Vice President for the Board of Directors of the El Toro Water District to serve for the remainder of the 2023 calendar year.

Roll Call Vote:

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

General Manager Information Items

General Manager's Monthly Report

Mr. Cafferty stated that going forward staff will be modifying a few things that are currently in the General Manager's report.

Mr. Cafferty stated that staff is working on creating an Operations Report which would include the Water Quality reports and would be in the Engineering Committee meeting.

Mr. Cafferty stated that there is an error in the current Water Quality Report, of the Nitrite level of .74 that should be .074.

President Havens asked when the District experienced a spill with the techite pipe that broke. Mr. Cafferty replied that the Spill Summary should have been updated to reflect that spill, and staff will correct the Summary.

Legislative Reports

There were no comments.

Public Education and Outreach Report

Ms. Seitz stated that regarding the Adopt-a-Channel project, she emailed and is waiting on a response and signage.

Ms. Seitz stated that staff will do a reach out to our HOA's and apartment complexes with some information on runoff.

Ms. Seitz stated that the newsletters have been sent out.

Ms. Seitz stated that Mr. Cafferty conducted a history and behind the scenes look at what it takes to maintain a reservoir this large at the R-6 for the Orange Cunty Grand Jury. She further stated that the tour was part of the MWDOC/MET Water Supply and Infrastructure trip.

Ms. Seitz stated that staff will attend an information table at the LWV Gate 11 Fall meeting on September 26th. She further stated that staff will present "How water gets to your tap" at their monthly meeting on September 20th.

Ms. Seitz stated that staff will have a booth at the City of Mission Viejo South County Disaster Preparedness Expo on October 21st at the Village Green at Norman Murray Community and Senior Center.

Ms. Seitz stated that is partnering with MNWD, IRWD, SMWD, SCWD, TCWD, LBCWD and cities of Aliso Viejo, Dana Point, Laguna Beach, Laguna Hills, Laguna Niguel, Laguna Woods, Lake Forest, Mission Viejo, Rancho Santa Margarita, San Clemente, and Unincorporated Orange County for the H20 for HOA's event on October 26th.

Ms. Seitz stated that Vu Chu will conduct workshops on how to find, fix and prevent leaks in and around the home on October 24th and October 28th.

Ms. Seitz stated that ETWD is co-hosting with MWD and G3 Green Gardeners Group a series of free online landscape workshops.

Ms. Seitz stated that staff is co-hosting with MWDOC a Girl Scout Tour at the Plant on November 4th. She further stated that staff will co-host with MWDOC a Boy Scout Tour on December 9th at the Plant.

Ms. Seitz stated that ETWD will provide drought tolerant centerpieces for the City of Lake Forest Chamber of Commerce Law and Order luncheon in November. She further stated that ETWD will provide the water trailer to race attendees at the City of Lake Forest Chamber of Commerce Elf Yourself 5K Race on November 18th at the Lake Forest Sports Park.

Water Use Efficiency Report

Mr. Chu stated that consumption increased, but the effects from tropical storm Hilary was not included in this billing period. He further stated that compared to August 2022, potable consumption, single family, and LWV were up.

SOCWA Reports

Director Freshley stated that some progress is being made at SOCWA. She further stated that some of the issues are being resolved.

Mr. Cafferty stated that there was discussion on extending the PC-2 agreement to the end of the fiscal year. He further stated that they also discussed PC-15, PC-17, and the General Fund allocation.

Director Freshley stated that at the SOCWA Finance meeting they discussed OPEB costs and the responsibility of paying for it.

Ms. Ford stated that they discussed the Use Audit, and the Air Vac Replacement on the ETM for less than \$20,000 at the SOCWA Engineering Committee Meeting.

MWDOC Reports

Director Freshley stated that the long range finance report was interesting.

President Havens stated that WEROC finally got approval for their mobile EOC and is waiting on purchase.

LAFCO

Director Freshley stated that it was a short meeting with nothing to report.

ISDOC

Director Monin stated that the quarterly luncheon is approaching and is in person. He further stated that they amended the bylaws to be more streamlined, they discussed the website, and membership dues.

<u>WACO</u>

Director Monin stated that there was an ACWA update, and earthquake discussions. President Havens suggested future topics of Climate Change Whiplash in the Water Industry, and Purified author to discuss Advanced Water Treatment.

COMMITTEE AND GENERAL INFORMATION

Dates to Remember for September/October 2023

There were no comments.

Comments Regarding Non-Agenda Items

Mr. Cafferty stated that the ACWA election is complete, with Cathy Green President, and Ernie Avila as Vice President.

Mr. Cafferty stated that the SOCEC is having a Chairman's luncheon on November 3rd at the Norman P. Murray Center.

Mr. Cafferty stated that ACWA's Committee Structure is requesting who is interested in being on which of their Committees. He further stated that Director Freshley is on the Engineering/Energy Committee, Director Gaskins Water Quality, and President Havens is also interested, Director Adjarian is interested in the Business Development Committee, Director Monin is also interested in the Membership Committee.

Mr. Cafferty stated that he will fill out and submit the form to ACWA by tomorrow's deadline.

Attorney Report

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

meeting, and as such Regular Session continued.

Mr. Granito commented on the recent decision rendered by the California

Supreme Court in Pico Neighborhood Association's v. City of Santa Monica which

concerns the challenge to the City's at-large election system.

<u>Adjournment</u>

There being no further business to come before the Board, the meeting was

adjourned at 8:57 a.m.

Respectfully submitted,

POLLY WELSCH

Recording Secretary

APPROVED:

KAN HANGNO Dragidant of

KAY HAVENS, 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

RESOLUTION NO. 23-10-2

RESOLUTION OF THE BOARD OF DIRECTORS OF THE EL TORO WATER DISTRICT MODIFYING STANDING AND EXTERNAL ORGANIZATION BOARD AND STAFF ASSIGNMENTS FOR THE REMAINDER OF CALENDAR YEAR 2023

WHEREAS, the Board of Directors of the El Toro Water District deems it to be in the best interest of the District to modify the President's appointment of Board to Standing Committee assignments; and

WHEREAS, the list of appointments is attached hereto marked Exhibit "A," and made part of this Resolution.

NOW THEREFORE, IT IS HEREBY RESOLVED, as follows:

RESOLVED, that the Board of Directors of the El Toro Water District hereby confirms the Standing and External Organization Board and Staff Assignments as listed in Exhibit "A".

ADOPTED, SIGNED AND APPROVED this 26th day of October 2023.

KAY HAVENS, President
El Toro Water District and of the
Board of Directors thereof

ATTEST:

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

EXHIBIT A RESOLUTION 23-10-2

BOARD/STAFF MEMBER ORGANIZATIONAL AND STANDING COMMITTEE ASSIGNMENTS - 2023

ETWD COMMITTEE	CHAIRMAN	<u>ALTERNATE</u>	FREQUENCY
Engineering Committee	Freshley	Adjarian	Monthly (Full Board)
Finance & Insurance Committee	Gaskins	Monin	Monthly (Full Board)
Agenda Review Committee	Havens	Monin	Monthly
Regional Reclamation Committee (RRC)	Freshley	Gaskins	Monthly
Community Advisory Group (CAG)	Gaskins	Adjarian	Quarterly
ORGANIZATION	<u>REPRESENTATIVE</u>	ALTERNATE	FREQUENCY
WACO Planning	Monin	Adjarian	Monthly
SOCWA Board	Freshley	Gaskins	Monthly
SOCWA Finance Committee	Cafferty	Freshley	Monthly
ISDOC	Monin	Gaskins	Monthly
LAFCO	Freshley	Gaskins	Monthly
Santiago Aqueduct Commission	Gaskins	Adjarian	Quarterly
South OC Agencies Group	Gaskins	Havens	Bi-Monthly
South OC Watershed Management Area Executive Committee	Havens	Monin	Quarterly

ADDITIONAL COMMITTEES THAT MEET ON AN OCCASIONAL OR AS NEEDED BASIS

ETWD COMMITTEE	CHAIRMAN	<u>ALTERNATE</u>	FREQUENCY
Computer Technology	Freshley	Monin	Annual/As Required
Audit Committee	Monin	Freshley	Annual/As Required
Budget Committee	Havens	Gaskins	Annual/As Required
Human Resources Committee	Gaskins	Monin	Annual/As Required
Water Quality Committee	Gaskins	Havens	Annual/As Required
JPIA	Gaskins	Freshley	Semi-Annual
ACWA Energy/Engineering Committee	Freshley	N/A	As Required
ACWA Education/Finance Committee	Monin	N/A	As Required
ACWA Water Quality Committee	Gaskins	N/A	As Required

DIRECTORS WILL NOT BE COMPENSATED FOR ATTENDING MEETINGS NOT LISTED ABOVE UNLESS AUTHORIZED BY THE BOARD PRESIDENT, WITH THE EXCEPTION OF: OCWA Luncheon Meetings, WateReuse Luncheon Meetings, WACO, CAG, ISDOC Quarterly Luncheon, MWDOC Quarterly Policy Forum events, MWDOC/Met Directors Workshop, MWDOC Elected Officials Forum, MWDOC Board Meeting, MWDOC Administration & Finance Committee Meeting, MWDOC Planning & Operations Committee Meeting, MWDOC/OCWD Joint Planning Committee Meeting, So Cal Water Committee, South Orange County Economic Coalition, Lake Forest Chamber of Commerce Events, City Council meetings in the 5 cities served by the District, Supervisor/Congressmen meetings in the areas served by the District.

GENERAL MANAGER'S REPORT

October 2023

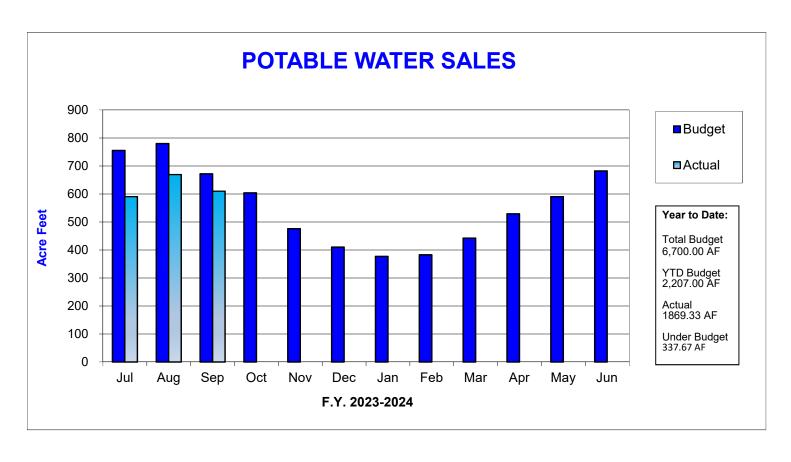
I. OFFICE OF THE GENERAL MANAGER

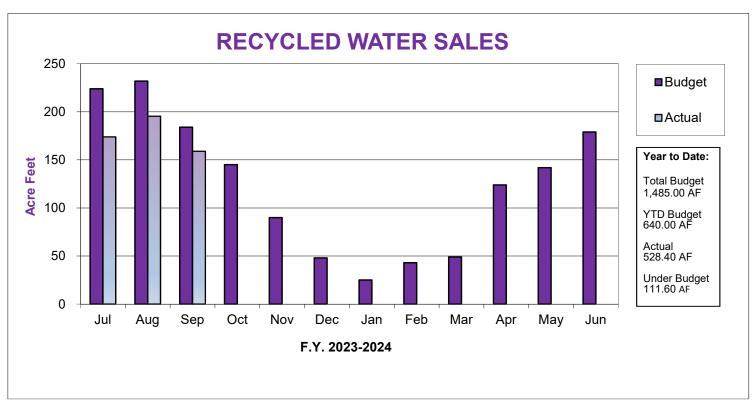
- MWDOC Board Meeting
- MWDOC A&F Committee Meeting
- MWDOC Managers Meeting
- MWDOC / OCWD Joint Planning Committee Meeting
- SOCWA Board Meeting
- MET / MWDOC AMP Shutdown Meeting
- Meeting with CSDA CEO, Finance Director and Communications Director
- City of Lake Forest Leadership Academy Presentation
- Meeting with ESource to Discuss Annual Water Audit
- Orange County Water Summit
- South Orange County Agencies Group
- InPipe Energy Meeting
- Meeting with Bob Rogers (Customer) Regarding Monthly Bills
- ETWD President / Vice President / GM Meeting
- ETWD RRC Meeting
- ETWD Agenda Review Meeting
- ETWD Regular Engineering & Finance Committee Meetings
- ETWD Regular Board Meeting

II. DOMESTIC AND RECYCLED WATER SALES

Actual domestic sales for the year-to-date as of September 30, 2023 are 1,869.33 acre-feet. This compares to year-to-date budgeted domestic sales of 2,207.00 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 337.67 acre-feet. Actual sales are 113.58 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of September 30, 2023 are 528.40 acre-feet. This compares to year-to-date budgeted recycled sales of 640.00 acrefeet. The year-to-date variation in actual to budgeted sales reflects a decrease of 111.60 acre-feet. Actual sales are 23.60 acre-feet lower than last year-to-date actual sales for the same period.





Customer Service Activity Report

Regular Service Calls	SEP 2023	SEP 2022	Telephone Calls		SEP 2023		SEP 2022
Serviceman Dispatched to Read,			Change of Service:		71		67
Connect/Disconnect Service	57	90	Connections and Disconnections				
Field Investigations:			Billing / Payments & Graph Inquires		152		200
Check for leaks - calls to CS			Assistance with online payments and		33		14
Office:(irrigation,meter,street leaks)			ETWD's portal (cc, e-checks, other.)		33		14
Customer Responsible	13	15	Mariana and Adio attended to acciding		4.0		4.4
District Responsible	7	8	Variance / Adjustment Inquiries		10		14
None found/other	8	12	Variance / Adjustment Requests Processed		6		7
High Reads Checked - High Consumption (Billing Dept.)			Ordinance Infraction / Water Waste Complaints		0		4
Cust Leaks: 16 No Leaks: 25	62	28					
Check Stopped Slowed Meters-Low Consumption (Billing)	12	7	Outside Utility Districts		47		60
Re-Check Read			Phone calls Transfer to other		28		40
	10	8	Departments within ETWD				
Ordinance Infraction	1	4	Phone calls for the Board of Directors		0		5
Recycled Water	0	0	Recycled Water		0		0
Water Quality: Taste / Odor / Color	2	4	Water Quality Taste - Odor - Color		2		10
Phone response: 2 Field response: 0	0	0	Leaks / Breaks		13		16
Construction (Hydrant) Meters issued Sewer - Odor/Stoppage/ Manhole Covers	0 1	0	Construction Meter calls (Hydrant) Sewer Problems (odor / spills)		3		1
Meter Box: 2 Lids: 5 / Covers Replaced: 1	8	4 20	Sewer Problems (odor / spilis)		2		2
ivieter Box. 2 Lius. 37 Govers Nepiaceu. 1	O	20	Backflow / Cross Connection				
Meter Box Clean, Digout	0	5	(questions or yearly testing forms) ETWD facilities inquiries:		0		6
Raised Meter Box	0	3	Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"		4		4
Trim Bushes / Meter Obstruction	2	19					
General Maintenance Response	1	11	Tyco (ADT) Calls (Alarms to ETWD facilities)		0		0
Fire Hydrants: Hit / Leaks / Caps	1	1	ATT Calls (access to tower sites)		0		8
Pressure(psi) Checks / Reads	3	2	SCE Calls (access to tower sites)		2		0
CSSOV (Angle Meter/Ball Valve/Gate	-		Pager Calls specifically for Pump				-
Valve/Globe Valve) chk,repair,replaced	6	8	Stations - SCADA		0		0
AMS angle-meter-stop replace/repair	1	0					
Bees Removed	4	1					
Backflow / Cross Connection	0	2	Payment Extensions Delinquent Payment Calls to		17		22
Fogged Registers	0	26	Customer 's prior to shut off per billing		31		30
			calendar (automatic courtesy dialer) Return Calls from customers left on				
OMCOP: Old Meter Change - Out Program	1	6	our voice mail system. Ext 500		15		6
Other: (uncommon non-maintenance calls)	10	5	Email Correspondence:		32		65
On-Call After Hrs. CS Response	19	21	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)		8		9
# Posting Notice & 24 Hr. Door Hangers	00	47	Misc. (other: employment, deliveries,		O.F.		04
Hung #Shut Offs/Disconnect for Non-Payment	83	47	sales calls)		25		21
(DNP)	5	11	Payment Processing Fee Complaints		0		0
Removed Meter	0	3	Customers Complaints non pili		1		Ö
New Meter	5	5	Billing Disputes		0		0
Unread Meters	3	4					
Total Field Investigations	325	380	Total Telephone Calls		502		611
Uncollectible Accounts:			Credit Card Payments		SEP 2023	-	SEP 2022
Budget YTD	\$ 4,251.00	\$ 5,001.00	REGULAR	1,317	_	1,087	\$182,168.33
Actual YTD	\$ 301.00	\$ 7,628.00		.,	,,,,,	,,,,,,,	, , . 55.55

Water Year 2022-2023

State Water Project Resources



 Initial SWP allocation is 5% Table A plus human health and safety

JAN 2023

- 9 atmospheric rivers landed between Dec 26 and Jan 17
- SWP allocation increases to 30%

2023

- Blizzard warning for southern
 California first time since 1989
- SWP allocation increases to 35%

MAR 2023

- 31 atmospheric rivers reached California from Oct to Mar
- DWR starts offering Article 21 water
- SWP allocation increases to 75%

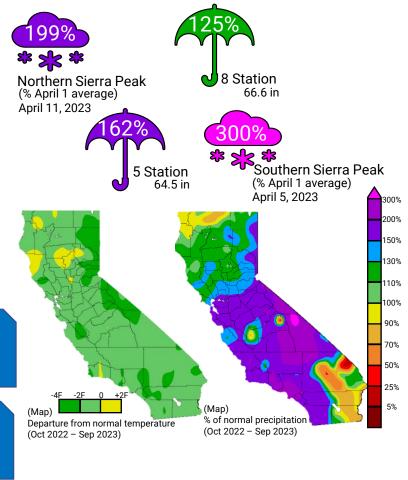
APK 2023

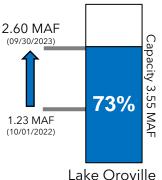
SWP allocation increases to 100% – first time since 2006

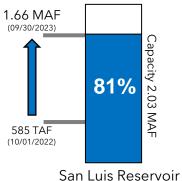
MAY 2023 DWR uses the Kern River intertie to redirect flood water into the California Aqueduct – first time since 2006

JUN 2023

DWR ends the Article 21 allocation after 14 weeks – the longest ever







Sacramento River Index Runoff (MAF)

17.7	Average (1991-2020)
24.1	2022-2023
10.8	2021-2022
6.4	2020-2021
9.7	2019-2020

San Joaquin Valley Runoff (MAF)

	Joaquiii valicy	
5.9	Ave	erage (1991-2020)
13.8		2022-2023
3.2	2021-2022	
1.8 2	2020-2021	
3.0	2019-2020	
		2022-2023 is 3 rd wettest since 190

ATER SUPPLY CONDITIONS REPORT https://www.mwdh2o.com/WSCR Produced by the Water Resource Management Group

Water Year 2022-2023

Colorado River Resources

Lake Powell water levels drop to record lows threatening power production

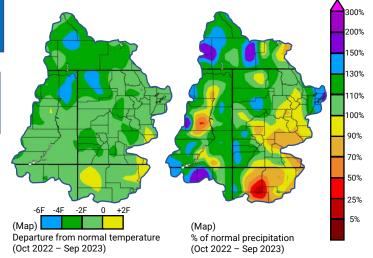
- Improved hydrologic conditions bump Lake Powell operations to balancing conditions
- · Reclamation publishes a draft Supplemental Environmental Impact Statement (SEIS) for reservoir operations between 2023 and 2026

Lower Basin states request Reclamation to consider their proposal and the draft SEIS is withdrawn

- Warmest month on record for Arizona, with 31 consecutive days of 110F or above in Phoenix
- However, the Upper Colorado River Basin was cooler than normal in water year 2022-2023 (map)



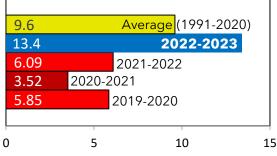
Basin-wide Peak April 6, 2023

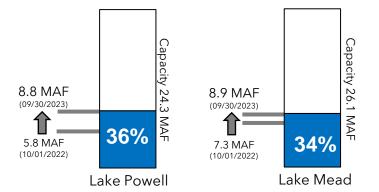


- Hurricane Hilary brings record-breaking rainfall and flooding across parts of the southwest, including the first ever tropical storm watch for southern California
- Reclamation set a Level 1 shortage for Arizona, Nevada and Mexico for calendar year 2024

Since October 2022, Lake Powell gained 44 feet while Lake Mead gained 21 feet - enough water to completely fill Lake Oroville plus the State Water Project share of San Luis Reservoir







Lake Mead Shortage/Surplus Outlook

	2024	2025	2026
Surplus	0%	0%	0%
Shortage	100%	93%	77%
Metropolitan			20%
DCP*			195 TAF

Likelihood based on results from the August 2023 CRMMS in Ensemble Mode/CRSS model run. Includes DCP Contributions.

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

WILL SERVE SUMMARY REPORT September 2023

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 sewer system	Close-Out	\$	28,785
Burger Town Sewer Connection	Addition of a 4" sewer lateral	Construction	\$	-
The Village at Laguna Hills (Demo Phase)	Demolition of the various sized water services, irrigation services, fire services, and sewer services at the former mall site.	Close-Out	\$	-
The Village at Laguna Hills (Retail Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$	-
The Village at Laguna Hills (Central Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$	-
The Village at Laguna Hills (Southern Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$	-
Womens Health Pavilion	New construction of a health pavilion with water services, irrigation services, sewer services, and fire water services.	Close-Out	\$	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	\$	-
Moulton Parkway Commercial Kitchens	Upgrade the existing domestic service, sewer service and installation of a DCDA.	Plan Check	Not Yet Ca	alculated
25376 Maximus Group Home	Upgrading the water service	Plan Check	Not Yet Ca	alculated



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

From: Natural Resource Results

RE: Monthly Board Report – September 2023

Appropriations

The government funding situation remains extremely fluid. At the moment (September 26th) it looks like the government will likely shut down at midnight on September 30th. The Senate will attempt to pass a "clean" Continuing Resolution (CR) but it seems unlikely that the House will be able to do so without using Democratic votes, which would threaten Speaker McCarthy's speakership as some members of the House Republican Caucus said that they would try to remove him if he took that path, and they potentially have the votes to do so.

We will provide a real-time update during the workshop-board meeting.

Colorado River Salinity Control Fix Act

Senator Bennet (D-CO) has introduced S. 2514, the Colorado River Salinity Control Fix Act which would increase the federal cost-share for salinity control programs and research authorized in the Colorado River Basin Salinity Control Act of 1974. The bipartisan legislation, which is supported by all seven basin states, is cosponsored by Senator Lummis (R-WY), Senator Barrasso (R-WY), Senator Padilla (D-CA), Senator Feinstein (D-CA), Senator Sinema (D-AZ), Senator Kelly (D-AZ), Senator Romney (R-UT) and Senator Hickenlooper (D-CO).

The bill is intended to address the funding challenges that have emerged for the salinity control program resulting from ongoing drought as much of the non-federal funding for the program is generated from the revenue of hydropower sales in the Colorado River Basin. Bill text and a letter of support from the Salinity Control Forum are attached.



GOVERNORS

Katie Hobbs, AZ Gavin Newsom, CA Jared Polis, CO Joe Lombardo, NV Michelle Lujan Grisham, NM Spencer Cox, UT Mark Gordon, WY

FORUM MEMBERS

Arizona

Clint Chandler Patrick Dent Erin Jordan

California

Joaquin Esquivel Bill Hasencamp, Chair Jessica Neuwerth

Colorado

Rebecca Mitchell, Vice Chair Nicole Rowan David W. Robbins

Nevada

Andrew Burns Sara Price

New Mexico

Mike Hamman Rolf Schmidt-Petersen

Utah

Candice Hasenyager John Mackey Dan Larsen

Wyoming

Jeff Cowley Chad Espenscheid David Waterstreet

EXECUTIVE DIRECTOR Don A. Barnett

226 South 200 West Farmington, UT 84025 (801) 292-4663 dbarnett@barnettwater.com www.coloradoriversalinity.org July 12, 2023

Chairwoman Stabenow Ranking Member Boozman Senate Committee on Agriculture, Nutrition, and Forestry

Dear Chairwoman Stabenow and Ranking Member Boozman:

On behalf of the seven Colorado River Basin States, through their gubernatorially appointed representatives to the Colorado River Basin Salinity Control Forum (Forum), I hereby convey our unanimous support of proposed legislation to amend the current cost-share percentages under the Colorado River Basin Salinity Control Program (Program).

The proposed changes are needed to resolve deficiencies in the cost share generated by power revenue reductions from the drought-stricken Colorado River System. The changes reflect several years of review and discussion between the Colorado River Basin States and the Federal agencies involved in Program implementation.

The Colorado River Basin Salinity Control Act (Act, 1974, as amended), authorizes the construction of projects and other activities to reduce the salt load of the Colorado River System. The Act specifies that "In recognition of Federal responsibility for the Colorado River as an interstate stream and for international comity with Mexico, Federal ownership of the lands of the Colorado River Basin from which most of the dissolved salts originate, and the policy embodied in the Federal Water Pollution Control Act Amendments of 1972" most of the expenses for implementation of the salinity control efforts are non-reimbursable. The remaining expenses are reimbursable (cost share) presently at a rate of between 25% - 30%.

The Act provides that the cost share in the Program is to be provided with moneys generated from mill levies on power revenues from the Upper Colorado River Basin Fund (Upper Basin Fund) and the Lower Colorado River Basin Development Fund (Lower Basin Fund). The Act provides that the Secretary adjust power rates to provide for the salinity cost-share

Chairwoman Stabenow Ranking Member Boozman July 12, 2023 Page 2

dollars from the Upper Basin Fund. However, salinity funding in the Lower Basin fund is fixed at 2.5 mills on specific power sales from Hoover, Parker, and Davis Dams, regardless of funding need.

Pursuant to the Act, whenever there is an appropriation or allocation of funds for Colorado River salinity control activities, there is a corresponding cost-share requirement which is met by the withdrawal of moneys from the Upper Basin Fund and the Lower Basin Fund. However, in recent years, with reduced power generation, due to prolonged drought conditions, and increased costs of implementing projects, there has been insufficient money in the Lower Basin Fund to meet the cost-share requirements.

The Basin States, through the Forum, have been working with Federal agencies for several years to determine the best solution to fix the funding imbalance. The attached legislation is the best solution to make the needed changes. The Basin States, through their gubernatorially appointed representatives on the Forum, support the legislation and respectfully request its inclusion in the 2023 Farm Bill.

Sincerely,

COLORADO RIVER BASIN SALINITY CONTROL FORUM

Bill Hasencamp, Chair

Bill Harry

attachment

118TH CONGRESS 1ST SESSION

S. 2514

To amend the Colorado River Basin Salinity Control Act to modify certain requirements applicable to salinity control units, and for other purposes.

IN THE SENATE OF THE UNITED STATES

July 26, 2023

Mr. Bennet (for himself, Ms. Lummis, Mr. Padilla, Mr. Barrasso, Mrs. Feinstein, Ms. Sinema, Mr. Romney, and Mr. Hickenlooper) introduced the following bill; which was read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

A BILL

- To amend the Colorado River Basin Salinity Control Act to modify certain requirements applicable to salinity control units, and for other purposes.
 - 1 Be it enacted by the Senate and House of Representa-
 - 2 tives of the United States of America in Congress assembled,
 - 3 SECTION 1. SHORT TITLE.
 - 4 This Act may be cited as the "Colorado River Salinity
 - 5 Control Fix Act".
 - 6 SEC. 2. SALINITY CONTROL UNITS.
 - 7 Section 205 of the Colorado River Basin Salinity
 - 8 Control Act (43 U.S.C. 1595) is amended—

1	(1) by striking the section designation and all
2	that follows through "(a) The Secretary" and insert-
3	ing the following:
4	"SEC. 205. SALINITY CONTROL UNITS; AUTHORITY AND
5	FUNCTIONS OF THE SECRETARY OF THE IN-
6	TERIOR.
7	"(a) Allocation of Costs.—The Secretary";
8	(2) by striking paragraph (1) and inserting the
9	following:
10	"(1) Nonreimbursable costs; reimburs-
11	ABLE COSTS.—
12	"(A) Nonreimbursable costs.—
13	"(i) In general.—In recognition of
14	Federal responsibility for the Colorado
15	River as an interstate stream and for
16	international comity with Mexico, Federal
17	ownership of the land of the Colorado
18	River Basin from which most of the dis-
19	solved salts originate, and the policy estab-
20	lished in the Federal Water Pollution Con-
21	trol Act (33 U.S.C. 1251 et seq.) and ex-
22	cept as provided in clause (ii), the fol-
23	lowing shall be nonreimbursable:
24	"(I) 75 percent of the total costs
25	of construction and replacement of

1	each unit or separable feature of a
2	unit authorized by section 202(a)(1)
3	including 90 percent of—
4	"(aa) the costs of operation
5	and maintenance of each unit or
6	separable feature of a unit au-
7	thorized by that section; and
8	"(bb) the total costs of con-
9	struction, operation, and mainte-
10	nance of the associated measures
11	to replace incidental fish and
12	wildlife values foregone.
13	"(II) 75 percent of the total costs
14	of construction and replacement of
15	each unit or separable feature of a
16	unit authorized by section 202(a)(2)
17	including 100 percent of—
18	"(aa) the costs of operation
19	and maintenance of each unit or
20	separable feature of a unit au-
21	thorized by that section; and
22	"(bb) the total costs of con-
23	struction, operation, and mainte-
24	nance of the associated measures

1	to replace incidental fish and
2	wildlife values foregone.
3	"(III) 75 percent of the total
4	costs of construction, operation, main-
5	tenance, and replacement of each unit
6	or separable feature of a unit author-
7	ized by section 202(a)(3), including
8	75 percent of the total costs of con-
9	struction, operation, and maintenance
10	of the associated measures to replace
11	incidental fish and wildlife values fore-
12	gone.
13	"(IV) 70 percent of the total
14	costs of construction, operation, main-
15	tenance, and replacement of each unit
16	or separable feature of a unit author-
17	ized by paragraphs (4) and (6) of sec-
18	tion 202(a), including 70 percent of
19	the total costs of construction, oper-
20	ation, and maintenance of the associ-
21	ated measures to replace incidental
22	fish and wildlife values foregone.
23	"(V) 70 percent of the total costs
24	of construction and replacement of
25	each unit or separable feature of a

1	unit authorized by section 202(a)(5)
2	including 100 percent of—
3	"(aa) the costs of operation
4	and maintenance of each unit or
5	separable feature of a unit au-
6	thorized by that section; and
7	"(bb) the total costs of con-
8	struction, operation, and mainte-
9	nance of the associated measures
10	to replace incidental fish and
11	wildlife values foregone.
12	"(VI) 85 percent of the total
13	costs of implementation of the on-
14	farm measures authorized by section
15	202(c), including 85 percent of the
16	total costs of the associated measures
17	to replace incidental fish and wildlife
18	values foregone.
19	"(ii) Special rule for nonreim-
20	BURSABLE COSTS FOR FISCAL YEARS 2024
21	AND 2025.—Notwithstanding clause (i), for
22	each of fiscal years 2024 and 2025, the
23	following shall be nonreimbursable:
24	"(I) 75 percent of all costs de-
25	scribed in clause (i)(I).

1	"(II) 75 percent of all costs de-
2	scribed in clause (i)(II).
3	"(III) 70 percent of all costs de-
4	scribed in clause (i)(V).
5	"(IV) The percentages of all
6	costs described in subclauses (III),
7	(IV), and (VI) of clause (i).
8	"(B) Reimbursable costs.—The total
9	costs remaining after the allocations under
10	clauses (i) and (ii) of subparagraph (A) shall be
11	reimbursable as provided for in paragraphs (2),
12	(3), (4), and (5).";
13	(3) in subsection (b), by striking the subsection
14	designation and all that follows through "Costs of
15	construction" in paragraph (1) and inserting the fol-
16	lowing:
17	"(b) Costs Payable From Lower Colorado
18	RIVER BASIN DEVELOPMENT FUND.—
19	"(1) In general.—Costs of construction";
20	(4) in subsection (e), by striking "(e) Costs of
21	construction" and inserting the following:
22	"(c) Costs Payable From Upper Colorado
23	RIVER BASIN FUND.—Costs of construction"; and
24	(5) in subsection (e), by striking "(e) The Sec-
25	retary is" and inserting the following:

- 1 "(e) UPWARD ADJUSTMENT OF RATES FOR ELEC-
- 2 TRICAL ENERGY.—The Secretary is".

 \bigcirc



То:	Municipal Water District of Orange County
From:	Syrus Devers Advocacy LLC
Date:	September 27th, 2023
Re:	State Legislative Report

Legislative Report

Governor Newsom still has just short of three weeks to sign or veto bills as of the day this report was prepared; below is a preview of the expected outcome. The November report will detail the final outcomes.

One item to keep in mind is that California does not have a "pocket veto". Newsom must either sign or veto a bill by midnight on October 14th. If he does nothing, the bill automatically takes effect on January 1st. Another is that there is a process after a bill leaves the Legislature and before it lands on the Governor's desk for consideration. Even though session ended on September 14th, most of the bills that passed on the last night of session were not available to the Governor for action until about a week later, which is only a few days before the date of this report. For that reason this report is somewhat speculative.

This report focuses on the bills that the water community at-large focused on, not just the bills on which MWDOC took positions. The "we" in this report, therefore, refers to the collective efforts of the lobbyists in Sacramento who represent public water agencies. In other words, this is what the lobbyists involved in water policy actually spent time working on in Sacramento.

Omitted are several good bills that required little or no effort. An example is AB 557 (Hart) on open meetings. The bill passed with unanimous support despite no campaign in support. This bill and all other priority bills will be discussed in the November report.

The Good:

We stopped or amended every water policy bill we opposed. This year started as the most significant year in Legislation in a decade, but it all went up in a legislative bonfire the first two weeks in July.

The water rights bills: SB 389 (Allen), AB 460 (Bauer-Kahan), and AB 1337 (Wicks). Although a lot of effort went into AB 460 and AB 1337, both were held in Senate Natural Resources & Water. SB 389 went on to better success after Sen. Allen agreed to remove the most objectionable parts of the bill. ACWA went neutral at the end and the bill awaits action by the Governor.

The Resource Bonds: SB 867 (Allen) and AB 1567 (Garcia) make the good list despite not being finished. There was an initial push to finish a bond bill this year and have it on the March ballot, but that came to nought and all work stopped rather abruptly. A resource bond will be on the November ballot; the final product to be worked out early next year. The critical variable is how large of a bond the Governor will support. There were many budget cuts in anticipation of funding through the bonds. Keep in mind that other areas did significantly worse in the 2023 budget than water. Transportation, in particular, took a huge hit. That all plays into what the Governor will support in each of the bonds. Do not be surprised if the final resource bond is smaller than anticipated. Newsom has opined that California can handle about \$26 billion in new debt. The total of all bond bills exceeds \$100 billion, although there is significant overlap. Nonetheless, the subset of water policy lobbyists working on the bonds did get a warm reception from legislators. The cynics among us believe they want Newsom to be the bad cop and, therefore, said "yes" to most requests.

SB 687 (Eggman): We stopped another Delta Conveyance killer bill.

The Bad:

We scored 100% on water policy legislation, but took some losses on broader issues affecting municipal entities.

AB 1484 (Zbur): this bill makes it more costly and difficult to utilize temporary employees. We tried, but it had organized labor support and we got beat.

AB 735 (Berman): this bill would have created a pipeline of future utility workers through education and job placement assistance. Good bill, but we could not get it off the dreaded Suspense File.

The Ugly:

We cannot stop all the bad bills or get all the good ones through. On some we have to compromise and roll with the punches. The result is usually a bill that we do not like, but we can hold our nose and tolerate it. Here are the top ugly compromises.

AB 1572 (Friedman): Nonfunctional turf—a lot of people would like to go a long time without hearing that phrase again. The water community wanted to kill this bill, but MWD came from nowhere and sponsored it, which all but ruled out stopping the bill in committee. The resulting negotiation consumed hundreds of hours of staff time, and the final result is questionably drafted.

SB 366 (Caballero): Few bills started with more fanfare and grand expectations, but the end was ignominious. This bill aspired to rewrite the California Water Plan and pave the way to an expanded water supply. Much money was spent. But a funny thing happened on the way to its demise in the Assembly Water, Parks & Wildlife Committee, which is chaired by Assm. Bauer-Kahan and staffed by Pablo Garza. After the water community killed Bauer-Kahan's AB 460, which Garza staffed, Garza was tasked with getting the other water rights bill through–AB 1337. But we killed that bill too. After which,

SB 366 was set for a hearing, in Bauer-Kahan's committee, and analyzed by...Pablo Garza. It was not pretty. Amendments forced on the author were so severe that the decision was made to just drop the bill.

AB 755 (Papan): This started off as a perfectly awful bill that would have required water agencies to estimate the marginal cost of providing water to major water users and publish that estimate (guess, really) in a rate study. Nobody liked the bill, but our attention was elsewhere and it slipped out of the Assembly with bipartisan votes. It was then set for a hearing in the Senate right after the water rights bills had just been held in committee. The stage was set for a serious loss. Committee members had been worked hard the previous week and were not amenable to being lobbied hard again. Fortunately, Irvine Ranch Water District took the lead and devoted significant time working out a set of amends that blunted the worst parts of the bill. The final bill makes the ugly list because no one liked it, but it was far better than what could have happened if the bill had made it out of committee without amendments—which it almost certainly would have. But not everyone saw it this way and the bill was put to three votes and numerous motions in the ACWA State Legislative Committee, which in the end remained neutral.

In a class by itself: ACA 13 (Ward)

Background: ACA 13 is in response to the Taxpayer Protection and Government Accountability Act sponsored by the California Business Roundtable, which will appear on the November, 2024 ballot. It would impose additional restrictions on enacting fees and taxes, and would invalidate any new fees or taxes passed after January 1, 2022, that did not comply with the requirements of the initiative.

What ACA 13 does: States that an initiative that imposes a higher vote threshold for fees or taxes must pass by the same percentage of votes it seeks to impose. In other words, the Taxpayer Protection and Government Accountability Act would have to be passed by two-thirds of voters casting ballots in the November election to take effect.

What ACA 13 does not do: Amend Proposition 13. The final set of amendments included the following Whereas:

The provisions of this measure are not intended to reverse or invalidate provisions of the Constitution in effect before January 1, 2024, including the provisions of Proposition 13 of 1978...

Current status: ACA 13 passed both legislative houses by the required 2/3rds vote, but was then held temporarily in order for it to appear on the November ballot, as opposed to the earlier March primary ballot. This means ACA 13 will appear on the ballot alongside the Taxpayer Protection and Government Accountability Act. ACA 13 was drafted with this in mind, so it specifically states that it would apply to measures that appear on the ballot at the same time.

Administrative Report

On October 4th, the State Water Resources Control Board will hold a public workshop on regulations implementing the "Conservation as a Way of Life" bill package.

ACKERMAN CONSULTING

Legal and Regulatory

October 4, 2023

- 1. The "Great" Salt Lake: The Great Salt Lake used to be larger than Rhode Island. Over time and drought conditions, it is one half that size. Scientists think it could be totally gone by 2030. As the Lake dries up, it gets saltier making it difficult for brine shrimp to live. That impacts millions of birds that migrate through the area. In addition, the Lakebed contains arsenic which means more toxic dust is being blown around. Utah has changed some of its laws to ease the situation. Farmers used to be in a "use it or lose it" position with respect to water rights. Now they can retain their rights without exercising their right to use it. The state is also trying to control alfalfa production which uses almost half of all water in Utah. The State is also considering putting a minimum water level into law which would protect the Lake from overdraft. Environmental groups are being highly active, but the Lake is also important to the overall economy.
- 2. **Golf and Water:** Golf courses are heavy users of water and are under more pressure to change their ways or close down. Many courses, such as The Ranch at Laguna Beach (Ben Browns), are using exclusively reclaimed water. They have also changed the type of grass and adopted other methods to save water. Nationally, 21% of courses used recycled water. Many courses around the country do not use much water as their natural rain keeps them in business. Course design is also being modified to retain natural conditions. Golf advocacy groups also remind us that golf courses are better for the environment than roads, shopping centers and houses.
- 3. Panama Canal Drought: Drought conditions in Panama are creating problems for shipping. Panama is normally one of the wettest spots in the world. But the last few years, they have seen cutbacks in the number of ships utilizing the canal. Normal wait times are 3-5 days. It is currently 11 days and was 19 days last year. Five percent of world trade uses the canal. Forty percent of US trade in ships uses the canal. The holding tank for the canal is Gatun Lake which loses 156-acre feet of water every transit cycle. The cost per boat ranges from \$150,000 to \$1 million based on size and load. This has created a situation where shippers bid for a spot paying double or triple the normal fee. Some shippers look for cheaper alternatives such as Cape Horn or the Suez Canal. Time and risk become additional factors for delivery.
- 4. **Newport Beach Water Wheel:** Newport Beach is following the lead of Baltimore Harbor in installing a trash collecting water wheel. This device collects trash and other stuff before it is dumped into the back bay and makes its way to Newport Harbor. A water wheel is attached to a platform which is anchored to the inlet bottom. The wheel collects all debris, dumps it on a conveyor belt which is transferred to a regular trash truck. It is low tech and powered by solar panels. Total cost is \$5.5 million which is being funded by local, state, and federal sources.

It will be running by late 2024. The idea for Newport came from former city council man Duffy Duffield, founder of the Duffy electric boat.

- 5. **Seafloor Desal:** Las Virgenes Municipal Water District is proposing a seafloor desal project several miles off the California coast. This "blue water farm" will put 40' cylindrical pods in 1400 feet of water off our coast. It is expected to produce 10 million gallons of fresh water per day and will use 40% less energy than normal desal. The traditional reverse osmosis process is not needed as the water is taken from the aphotic zone. That is a depth with extraordinarily little sunlight and marine life and produces no brine due to the water pressure existing at that depth. Water from the pods goes through a semi permeable filter producing freshwater. Cost and construction details were not provided.
- 6. **Arrowhead Water (Continued):** The State Water Resources Control Board ordered BlueTriton, owner of Arrowhead water, to stop using a portion of the natural springs water it had been using. Arrowhead started selling bottled water from the area in 1906 and has been continuously doing so since then. During that time, it had different channels and source spots to draw from. The Board's order covers some of those locations, but not all. There is a continuing disagreement as to what permits Arrowhead has and the validity of those permits. I am sure additional litigation will follow.
- 7. **Microbial Electrochemistry:** Wastewater treatment gets more high tech and efficient each day. A group of students from the US and Britain won an international competition is this area using microbial electrosynthesis. As you may guess this process is very complicated. It is described in the report as "a microbial electrochemical cell. In the apparatus, wastewater if fed to bacteria on the surface of an electrode, called an anode, which decomposes the organic matter via an oxidation reaction, a chemical reaction that liberates electrons." It is described by the author as a magic trick. However, it is just the result of all these reactions taking place. The process can be very efficient and produces no toxic byproducts and lowers emissions. This process is very expensive, and the next step is looking at commercial build up.
- 8. **Hand Held Water Maker:** UC Berkeley scientists have designed a hand held gadget that can make water from using only sunlight. Using MOF (metal organic framework) which is a very porous material, they produced drinkable water in Death Valley using only sunlight. This little thing produced one cup of water per day and is reusable. Scaling up studies are continuing. It will be used in remote areas and small systems where energy is lacking.
- 9. More Water in Space: The Webb telescope continues to amazing work. Researchers are looking at a young star, PDS 70, remarkably similar to our own sun. It is 370 light years away, which is a long, long, long distance from earth. We have previously reported that it is believed that water on earth came from many water carrying asteroids hitting us during our early years. Reviews of PDS 70 system's planet forming disk show the presence of water. The amount is large and will ultimately end up on one or more of the planets associated with PDS 70. Since water is the building block for all life, we may have some neighbors some time in the future a very long ways away.

- 10. **Saudi Arabia Water LIV:** Saudi Arabia is investing over \$6 billion in a new Global Water Organization centered in Riyadh. Its purpose is to "integrate and encourage global efforts to achieve water sustainability." They intend to work with other countries, share advanced technologies and prioritize projects on a global scale. Water and sanitation projects will be evaluated all over the globe. Stay tuned.
- 11. **Folsom Lake Evaporation:** Lake officials are not concerned with the 6500-acre feet of water lost to evaporation every month. The reservoir whose capacity of 900,000-acre feet is presently 73% of capacity. The loss is not consequential in their everyday operations and plan for supplying needs downstream. They do track the loss and monitor the amount.
- 12. **Making Lithium Batteries Safer:** Lithium batteries are being used more and more due to their increased power, longer life, and lighter weight. However, they are not without concerns particularly when it comes to fire incidents. By their nature they are more of a fire hazard than other batteries. Also, they are harder to extinguish. One of the main reasons is the electrolyte ingredients which include organic solvents such as ethylene carbonate. Battery manufacturers are now looking at adding water to the electrolyte. This would mean a much safer battery, but it would also add weight. However, in larger battery applications such as building backup, weight is not a factor. Water may make the high-tech lithium product a better product.
- 13. Tulare Lake Going: At the height of our latest rains, Tulare Lake covered about 120,000 acres. At the present time it is under 50,000 and expected to continue to downward trend. Locals expect it to be all gone by the end of this winter. The damage caused by it will remain and is being dealt with.



October 6, 2023

TO: MWDOC Board of Directors

FROM: Peter Whittingham

SUBJECT: September 2023 Report

While the month of September saw the typical flurry of activity in Sacramento, many cities, water districts and other agencies in Orange County were also back to business as summer wound to a close. Following are a few of the more notable developments and issues of the month:

- Thanks to a \$31.8 million grant from the California Coastal Conservancy, a 103-acre portion of the Los Cerritos Wetlands in Seal Beach will be restored for conservation purposes. The Los Cerritos Wetland Authority a joint powers agency comprised of the cities of Long Beach and Seal Beach, the state conservancy itself, and the California Rivers and Mountain Conservancy will use the grant to initiate the Southern Los Cerritos Wetlands Restoration Project, a vision that has been in the works for decades.
- Work is underway to enhance two Mesa Water District reservoirs. The upgrades include implementation of a reservoir chemical management system that will allow the district to store up to an additional 15 million gallons of water and updating pump stations to improve the Mesa Water District's distribution system. These upgrades, which will increase the reliability of Mesa Water District operations, are expected to be completed in Fall 2025.
- Orange County Water District General Manager Mike Markus has announced his retirement, effective January 26, 2024. Mr. Markus has enjoyed a distinguished 45-year career in water resource management and has served as GM of OCWD since 2007, only the sixth general manager in the District's 90-year history. He first joined OCWD in 1988 as a construction manager and ascended through the organization's management ranks. Congratulations Mike!
- Six teams responded to South Coast Water District's Request For Qualifications for Doheny Desalination Plant project in Dana Point. SCWD also updated the projected cost of water from the Project, which received unanimous last fall, to \$2,058 per acre-foot the first year of operation, versus the prior estimate of \$1,589

per acre-foot. The plant is now expected to cost \$175 million, up from the prior estimate of \$140 million; one-fifth of that cost is already covered by state and federal grants, and the district continues to seek additional grant funding. The city of San Clemente, Laguna Beach Water District, Eastern Municipal Water District in Perris, and Elsinore Valley Municipal Water District are all reviewing commitment letters provided by SCWD, which is seeking partners to share in the initial five MGD production of the proposed facility.

• The City of Anaheim is moving forward with development of the OC River Walk, an estimated \$100 million project that would include the expansion of trails in and around the river, construction of a 350-foot pedestrian and cycling bridge across the river that would connect the cities of Anaheim and Orange. In addition, a 150-foot bridge would extend across Katella Avenue, connecting ARTIC transit center with the Honda Center. The project is moving forward with a \$5 million grant from the U.S. Department of Transportation and is being advanced concurrent to but separate from the ocV!be mixed-use entertainment district that has begun its initial phase of development surrounding the Honda Center.

It is a pleasure to work with you and to represent the Municipal Water District of Orange County.

Sincerely,

Peter Whittingham

It white

Municipal Water District of Orange County

Bill Matrix, October 4, 2023

Item No. 2e

A. Priority Support/Oppose

AB 334 (Rubio, Blanca D) Public contracts: conflicts of interest.

Status: 9/5/2023-Enrolled and presented to the Governor at 3 p.m.

Summary: Current law prohibits members of the Legislature and state, county, district, judicial district, and city officers or employees from being financially interested in any contract made by them in their official capacity, or by any body or board of which they are members. Current law authorizes the Fair Political Practices Commission to commence an administrative or civil action against persons who violate this prohibition, as prescribed, and includes provisions for the collection of penalties after the time for judicial review of a commission order or decision has lapsed, or if all means of judicial review of the order or decision have been exhausted. Current law identifies certain remote interests in contracts that are not subject to this prohibition and other situations in which an official is not deemed to be financially interested in a contract. Existing law makes a willful violation of this prohibition a crime. This bill would establish that an independent contractor, who meets specified requirements, is not an officer for purposes of being subject to the prohibition on being financially interested in a contract.

Position Priority
Support A. Priority
Support/Oppose

Notes 1: Support position adopted June 7th

AB 460 (Bauer-Kahan D) State Water Resources Control Board: water rights and usage: interim relief: procedures.

Status: 7/14/2023-Failed Deadline pursuant to Rule 61(a)(10). (Last location was N.R. & W. on 6/7/2023)(May be acted upon Jan 2024)

Summary: Current law authorizes the State Water Resources Control Board to investigate all streams, stream systems, lakes, or other bodies of water, take testimony relating to the rights to water or the use of water, and ascertain whether water filed upon or attempted to be appropriated is appropriated under the laws of the state. Current law requires the board to take appropriate actions to prevent waste or the unreasonable use of water. This bill would authorize the board, in conducting specified investigations or proceedings to inspect the property or facilities of a person or entity, as specified. The bill would authorize the board, if consent is denied for an inspection, to obtain an inspection warrant, as specified, or in the event of an emergency affecting public health and safety, to conduct an inspection without consent or a warrant.

Position Priority
Opposition A. Priority
Support/Oppose

AB 557 (Hart D) Open meetings: local agencies: teleconferences.

Status: 9/15/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: The Ralph M. Brown 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, and that at least a quorum of the legislative body participate from locations within the boundaries of the local agency's jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. Current law, until January 1, 2024, authorizes the legislative body of a local agency to the

teleconferencing without complying with those specified teleconferencing requirements in specified circumstances when a declared state of emergency is in effect. Those circumstances are that (1) state or local officials have imposed or recommended measures to promote social distancing, (2) the legislative body is meeting for the purpose of determining whether, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees, or (3) the legislative body has previously made that determination. If there is a continuing state of emergency, or if state or local officials have imposed or recommended measures to promote social distancing, existing law requires a legislative body to make specified findings not later than 30 days after the first teleconferenced meeting, and to make those findings every 30 days thereafter, in order to continue to meet under these abbreviated teleconferencing procedures. This bill would revise the authority of a legislative body to hold a teleconference meeting under those abbreviated teleconferencing procedures when a declared state of emergency is in effect.

Position Priority
Support A. Priority
Support/Oppose

Notes 1: Support adopted April 5th

AB 735 (Berman D) Workforce development: utility careers.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2023)(May be acted upon Jan 2024)

Summary: Would establish the High Road Utility Careers (HRUC) program, to be administered by the California Workforce Development Board, to connect existing resources with individuals interested in careers in the utility sector and ensure a continued reliable workforce for California utilities. The bill would require the board to administer the HRUC program through partnerships with statewide water, wastewater, and energy utility associations and to coordinate the program with existing and future programs and initiatives administered by the board, including high road training partnerships, in order to align interested individuals with available resources. The bill would require the HRUC program, upon appropriation by the Legislature, to dedicate funding and resources toward accomplishing specified goals, including connecting workers to high-quality jobs or entry-level work with defined routes to advancement and increasing skills and opportunities while expanding pipelines for low-income populations.

Position Priority
Support A. Priority
Support/Oppose

Notes 1: Support adopted April 5th

AB 755 (Papan D) Water: public entity: water usage demand analysis.

Status: 9/19/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: Current law authorizes a public entity that supplies water at retail or wholesale within its service area to adopt, in accordance with specified procedures, and enforce a water conservation program. This bill would require a public entity, as defined, to conduct a water usage demand analysis, as defined, prior to completing, or as part of, a cost-of-service analysis conducted to set fees and charges for water service that are consistent with applicable law. The bill would require a public entity to identify, within the water usage demand analysis, the costs of water service for the highest users, as defined, incurred by the public entity, and the average annual volume of water delivered to high water users.

Position Priority
Watch A. Priority
Support/Oppose

Notes 1: Oppose position adopted May 3rd. Amended in the Senate. ACWA neutral on final version.

AB 838 (Connolly D) California Water Affordability and Infrastructure Transparency Act of 2023.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/19/2023)(May be acted upon Jan 2024)

Summary: The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law declares it to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. The act prohibits a person from operating a public water system unless the person first submits an application to the state board and receives a permit to operate the system, as specified. The act requires a public water system to submit a technical report to the state board as a part of the permit application or when otherwise required by the state board, as specified, and to submit the report in the form and format and at intervals specified by the state board. This bill would require, beginning January 1, 2025, and thereafter at intervals determined by the state board, public water systems to provide specified information and data related to customer water bills and efforts to replace aging infrastructure to the state board.

Position Priority

Opposition A. Priority
Support/Oppose

AB 1337 (Wicks D) State Water Resources Control Board: water diversion curtailment.

Status: 7/14/2023-Failed Deadline pursuant to Rule 61(a)(10). (Last location was N.R. & W. on 6/7/2023)(May be acted upon Jan 2024)

Summary: Under existing law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would expand the instances when the diversion or use of water is considered a trespass. This bill contains other related provisions and other existing laws.

Position Priority
Opposition A. Priority
Support/Oppose

Notes 1: Oppose adopted April 5th

AB 1572 (Friedman D) Potable water: nonfunctional turf.

Status: 9/20/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: Would make legislative findings and declarations concerning water use, including that the use of potable water to irrigate nonfunctional turf is wasteful and incompatible with state policy relating to climate change, water conservation, and reduced reliance on the Sacramento-San Joaquin Delta ecosystem. The bill would direct all appropriate state agencies to encourage and support the elimination of irrigation of nonfunctional turf with potable water.

Position Priority
Oppose unless A. Priority
amended Support/Oppose

Notes 1: OUA adopted April 5th

AB 1594 (Garcia D) Medium- and heavy-duty zero-emission vehicles: public agency utilities.

Status: 9/21/2023-Enrolled and presented to the Governor at 3:30 p.m.

Summary: Current law establishes the Air Quality Improvement Program that is administered by the State Air Resources Board for purposes of funding projects related to, among other things, the reduction of criteria air pollutants and improvement of air quality, and establishes the Medium- and Heavy-Duty Zero-Emission Vehicle Fleet Purchasing Assistance Program within the Air Quality Improvement Program to make financing tools and nonfinancial supports available to operators of medium- and heavy-duty vehicle fleets to enable those operators to transition their fleets to zero-emission vehicles. This bill would require any state regulation that seeks to require, or otherwise compel, the procurement of medium- and heavy-duty zero-emission vehicles to authorize public agency utilities to purchase replacements for traditional utility-specialized vehicles that are at the end of life when needed to maintain reliable service and respond to major foreseeable events, including severe weather, wildfires, natural disasters, and physical attacks, as specified. The bill would define a public agency utility to include a local publicly owned electric utility, a community water system, a water district, and a wastewater treatment provider, as specified.

Position Priority
Support A. Priority
Support/Oppose

Notes 1: Support adopted May 3rd

SB 23 (Caballero D) Water supply and flood risk reduction projects: expedited permitting.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/15/2023)(May be acted upon Jan 2024)

Summary: Current law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, except under specified conditions, including requiring the entity to send written notification to the Department of Fish and Wildlife regarding the activity in the manner prescribed by the department. This bill would require a project proponent, if already required to submit a notification to the department, to submit to the department the certified or adopted environmental review document, as applicable, for the activity in the notification. The bill would require the department, under prescribed circumstances, to take certain actions within specified timelines, or within a mutually agreed-to extension of time.

Position Priority
Support A. Priority
Support/Oppose

Notes 1: Support position approved on 3/1/2023

SB 366 (Caballero D) The California Water Plan: long-term supply targets.

Status: 7/14/2023-Failed Deadline pursuant to Rule 61(a)(10). (Last location was W.,P. & W. on 6/8/2023)(May be acted upon Jan 2024)

Summary: Current law requires the Department of Water Resources to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as "The California Water Plan." Current law requires the department to include a discussion of various strategies in the plan update, including, but not limited to, strategies relating to the development of new water storage facilities, water conservation, water recycling, desalination, conjunctive use, water transfers, and alternative pricing policies that may be pursued in order to meet the future needs of the state. Current law requires the department to establish an advisory committee to assist the department in updating the plan. This bill would revise and recast certain provisions regarding The California Water Plan to, among other things, require the department to instead establish a stakeholder advisory committee and to expand the membership of the committee to include tribes, labor, and environmental justice interests. The bill would require the department to coordinate with the California Water Commission, the State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified long-term water supply targets established by the bill for purposes of The California Water Plan. The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all beneficial uses.

Position Priority
Support A. Priority
Support/Oppose

SB 389 (Allen D) State Water Resources Control Board: investigation of water right.

Status: 9/20/2023-Enrolled and presented to the Governor at 4:30 p.m.

Summary: Current law provides generally for the appropriation of water. Existing law authorizes the State Water Resources Control Board to investigate bodies of water, to take testimony in regard to the rights to water or the use of water, and to ascertain whether or not water is appropriated lawfully, as provided. Under current law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would instead authorize the board to investigate and ascertain whether or not a water right is valid. The bill would authorize the board to issue an information order in furtherance of an investigation, as executed by the executive director of the board, as specified. The bill would authorize a diversion or use of water ascertained to be unauthorized to be enforced as a trespass, as specified.

Position Priority

Watch A. Priority
Support/Oppose

Notes 1: Oppose adopted April 5th. Amended in the Assembly. ACWA and CMUA moved to a WATCH on the final version.

SB 687 (**Eggman** D) Water Quality Control Plan: Delta Conveyance Project.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/8/2023)(May be acted upon Jan 2024)

Summary: Would require the State Water Resources Control Board to adopt a final update of the 1995 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, as provided, before the board may consider a change in point diversion or any other water rights permit or order for the Delta Conveyance Project. The bill would also, if, after completing the update of the plan and in compliance with existing law, the board approves a change in point of diversion or any other water rights permit or order associated with the Delta Conveyance Project, prohibit the operation of the Delta Conveyance Project unless and until the updated plan is fully implemented. The bill would specify that these provisions do not constitute an authorization for or approval of funding for the Delta Conveyance Project or any other project that includes isolated Delta conveyance facilities, and do not reduce any statutory or other regulatory conditions or permit requirements for Delta conveyance projects.

Position Priority
Opposition A. Priority
Support/Oppose

Notes 1: Oppose adopted per Policy Principles.

B. Watch

AB 30 (Ward D) Atmospheric rivers: research: reservoir operations.

Status: 9/1/2023-Approved by the Governor. Chaptered by Secretary of State - Chapter 134, Statutes of 2023. **Summary:** Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources. Current law requires the department, upon an appropriation for purposes of the program, to research climate forecasting and the causes and impacts that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would rename that program the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program. The bill would require the department to research, develop, and implement new observations, prediction models, novel forecasting methods, and tailored decision support systems to improve predictions of atmospheric rivers and their impacts on water supply, flooding, post-wildfire debris flows, and environmental conditions.

Position Priority
Watch B. Watch

AB 62 (Mathis R) Statewide water storage: expansion.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2023)(May be acted upon Jan 2024)

Summary: Current law establishes within the Natural Resources Agency the State Water Resources Control Board and the California regional water quality control boards. Current law requires the work of the state board to be divided into at least 2 divisions, known as the Division of Water Rights and the Division of Water Quality. This bill would establish a statewide goal to increase above- and below-ground water storage capacity by a total of 3,700,000 acre-feet by the year 2030 and a total of 4,000,000 acre-feet by the year 2040. The bill would require the Department of Water Resources, in consultation with the state board, to take reasonable actions to promote or assist efforts to achieve the statewide goal, as provided. The bill would require the department, beginning July 1, 2027, and on or before July 1 every 2 years thereafter until January 1, 2043, in consultation with the state board, to prepare and submit a report to the Legislature on the progress made to achieve the statewide goal.

Position Priority
Watch B. Watch

AB 66 (Mathis R) Natural Resources Agency: water storage projects: permit approval.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/19/2023)(May be acted upon Jan 2024)

Summary: Current law establishes the Natural Resources Agency, composed of departments, boards, conservancies, and commissions responsible for the restoration, protection, and management of the state's natural and cultural resources. Current law establishes in the agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require the agency, and each department, board, conservancy, and commission within the agency, to take all reasonable steps to approve the necessary permits for specified projects that meet certain employment conditions within 180 days from receiving a complete permit application.

Position Priority B. Watch

AB 249 (Holden D) Water: schoolsites: lead testing.

Status: 9/20/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: Existing law, the California Safe Drinking Water Act, requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. The act requires the state board to establish a grant program, in consultation with the State Department of Education, to award grants to local educational agencies for the purposes of improving access to, and the quality of, drinking water in public schools serving kindergarten or any of grades 1 to 12, inclusive, and preschools and child daycare facilities located on public school property. This bill would require a community water system that serves a schoolsite, as defined, to test for lead in the potable water system outlets of the schoolsite before January 1, 2027, except as provided. This bill contains other related provisions and other existing laws.

Position Priority
Watch B. Watch

AB 277 (Rodriguez D) Extreme Weather Forecast and Threat Intelligence Integration Center.

Status: 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/21/2023)(May be acted upon Jan 2024)

Summary: Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program within the department to, upon appropriation of special fund moneys, research climate forecasting and the causes and impacts that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection in the state, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would establish the State-Federal Flood Operations Center within the Department of Water Resources and would authorize the department to administer the center in the department's divisions, offices, or programs. The bill would provide that the purpose of the center is to function as the focal point for gathering, analyzing, and disseminating flood and water-related information to stakeholders and would authorize the center to take specified actions for that purpose, including to function during emergency situations to enable the department to centrally coordinate statewide emergency responses.

Position Priority
Watch B. Watch

AB 305 (Villapudua D) California Flood Protection Bond Act of 2024.

Status: 6/14/2023-Referred to Coms. on N.R. & W. and GOV. & F.

Summary: Would enact the California Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,500,000,000 pursuant to the State General Obligation Bond Law for flood protection projects, as specified. The bill would provide for the submission of these provisions to the voters at the November 5, 2024, statewide general election.

Position Priority
Watch B. Watch

AB 338 (Aguiar-Curry D) Fuel reduction work.

Status: 9/20/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: Existing law establishes the Department of Forestry and Fire Protection in the Natural Resources Agency and establishes the State Board of Forestry and Fire Protection within the department. Existing law requires the department to administer fire prevention programs and activities and requires the state board to adopt regulations implementing minimum fire safety standards. This bill would, commencing July 1, 2026, require fuel reduction work, done under contract and paid for in whole or in part out of public funds, as specified, to meet several standards, including that all workers performing work within an apprenticeable occupation in the building and construction trades be paid at least the general prevailing rate of per diem wages. The bill would authorize the Labor Commissioner to enforce the requirement to pay prevailing wages. The bill would exempt from these requirements, among other things, contracts in the amount of \$500,000 or less. This bill contains other related provisions and other existing laws.

Position Priority
Watch B. Watch

AB 340 (Fong, Vince R) California Environmental Quality Act: grounds for noncompliance.

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/9/2023)(May be acted upon Jan 2024)

Summary: The California Environmental Quality Act (CEQA) prohibits an action or proceeding from being brought in a court to challenge the approval of a project by a public agency unless the alleged grounds for noncompliance are presented to the public agency orally or in writing by a person during the public comment period provided by CEQA or before the close of the public hearing on the project before the issuance of the notice of determination. This bill would require the alleged grounds for noncompliance with CEQA presented to the public agency in writing be presented at least 10 days before the public hearing on the project before the issuance of the notice of determination. The bill would prohibit the inclusion of written comments presented to the public agency after that time period in the record of proceedings and would prohibit those documents from serving as basis on which an action or proceeding may be brought.

Position Priority
Watch B. Watch

AB 676 (Bennett D) Water: general state policy.

Status: 9/15/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: Would specify that the use of water for domestic purposes includes water use for human consumption, cooking, sanitary purposes, care of household livestock, animals, and gardens, fire suppression and other safety

Page 29 of 71

purposes, and a purpose determined to be a domestic purpose as established by the common law.

Position Priority
Watch B. Watch

AB 1072 (Wicks D) Water conservation and efficiency: low-income residential customers.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/17/2023)(May be acted upon Jan 2024)

Summary: Would declare the policy of the state that all residents have access to water conservation and efficiency programs. The bill would also set forth related findings including that reaching the state's environmental justice goals and commitments requires designing climate adaptation programs so that all households may participate.

Position Priority
Watch B. Watch

AB 1205 (Bauer-Kahan D) Water rights: sale, transfer, or lease: agricultural lands.

Status: 9/14/2023-Failed Deadline pursuant to Rule 61(a)(14). (Last location was INACTIVE FILE on 9/11/2023)(May be acted upon Jan 2024)

Summary: Current law declares that, because of the conditions prevailing in this state, the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of the water is to be exercised with a view to the reasonable and beneficial use of the water in the interest of the people and for the public welfare. This bill would require the State Water Resources Control Board to, on or before January 1, 2027, conduct a study and report to the Legislature and appropriate policy committees on the existence of speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater right previously put to beneficial use on agricultural lands, as specified. The bill would repeal this provision on January 1, 2031.

Position Priority
Watch B. Watch

AB 1567 (Garcia D) Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024.

Status: 6/14/2023-Referred to Coms. on N.R. & W. and GOV. & F.

Summary: Would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,995,000,000 pursuant to the State General Obligation Bond Law to finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, clean energy, and workforce development programs.

Position Priority
Watch B. Watch

AB 1573 (Friedman D) Water conservation: landscape design: model ordinance.

Status: 9/14/2023-Failed Deadline pursuant to Rule 61(a)(14). (Last location was INACTIVE FILE on 9/7/2023)(May be acted upon Jan 2024)

Summary: The Water Conservation in Landscaping Act provides for a Model Water Efficient Landscape Ordinance that is adopted and updated at least every 3 years by the Department of Water Resources, unless the department makes a specified finding. Current law requires a local agency to adopt the model ordinance or to adopt a water efficient landscape ordinance that is at least as effective in conserving water as the updated model ordinance, except as specified. Current law specifies the provisions of the updated model ordinance, as provided. Current law includes a related statement of legislative findings and declarations. This bill would require the updated model ordinance to include provisions that require that plants included in a landscape design plan be selected based on their adaptability to climatic, geological, and topographical conditions of the project site, as specified. The bill would also exempt landscaping that is part of a culturally specific project, as defined, ecological restoration projects that do not require a permanent irrigation system, mined-land reclamation projects that do not require a permanent irrigation system, and existing plant collections, as part of botanical gardens and arboretums open to the public, from the model ordinance. The bill would require the updated model ordinance to include provisions that, among other changes, prohibit the use of traditional overhead sprinklers on all new and rehabilitated landscapes and require that new and rehabilitated landscapes use only water efficient irrigation devices.

Position Priority
Watch B. Watch

AB 1637 (Irwin D) Local government: internet websites and email addresses.

Status: 9/21/2023-Enrolled and presented to the Governor at 3:30 p.m.

Summary: Would, no later than January 1, 2029, require a local agency, as defined, that maintains an internet website for use by the public to ensure that the internet website utilizes a ".gov" top-level domain or a ".ca.gov" second-level domain and would require a local agency that maintains an internet website that is noncompliant with that requirement to redirect that internet website to a domain name that does utilize a ".gov" or ".ca.gov" domain. This bill, no later than January 1, 2029, would also require a local agency that maintains public email addresses to ensure that each email address provided to its employees utilizes a ".gov" domain name or a ".ca.gov" domain name. By adding to the duties of local officials, the bill would impose a state-mandated local program.

Position Priority
Watch B. Watch

Notes 1: No longer applies to special districts

AB 1648 (Bains D) Water: Colorado River conservation.

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/16/2023)(May be acted upon Jan 2024)

Summary: Would prohibit the Metropolitan Water District of Southern California and the Department of Water and Power of the City of Los Angeles from achieving a reduction in, or conservation of, Colorado River water consumption required by an agreement with specified entities through increased water deliveries or imports from other regions of California, including the San Joaquin Valley and the Sacramento-San Joaquin Delta. The bill would require the Colorado River Board of California, the Department of Water Resources, and the State Water Resources Control Board to use their existing authority to enforce these provisions. The bill would specify that these provisions apply retroactively to January 1, 2023, and apply to any agreement entered into on or after that date.

Position Priority
Watch B. Watch

ACA 2 (Alanis R) Public resources: Water and Wildfire Resiliency Act of 2023.

Status: 4/20/2023-Referred to Coms. on W., P., & W. and NAT. RES.

Summary: Would establish the Water and Wildfire Resiliency Fund within the State Treasury, and would require the Treasurer to annually transfer an amount equal to 3% of all state revenues that may be appropriated as described from the General Fund to the Water and Wildfire Resiliency Fund. The measure would require the moneys in the fund to be appropriated by the Legislature and would require that 50% of the moneys in the fund be used for water projects, as specified, and that the other 50% of the moneys in the fund be used for forest maintenance and health projects, as specified.

Position Priority
Out for Analysis B. Watch

SB 3 (Dodd D) Discontinuation of residential water service: covered water system.

Status: 9/15/2023-Enrolled and presented to the Governor at 3 p.m.

Summary: Current law establishes the Safe Drinking Water Account to be available to the State Water Resources Control Board, upon appropriation by the Legislature, for the purpose of providing funds necessary to administer the California Safe Drinking Water Act. This bill would expand the use of available funds in the account to be used by the state board, upon appropriation by the Legislature, to include the administration of the Water Shutoff Protection Act.

Position Priority
Out for Analysis B. Watch

SB 48 (Becker D) Building Energy Savings Act.

Status: 9/21/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: Current law requires each utility to maintain records of the energy usage data of all buildings to which they provide service for at least the most recent 12 complete calendar months, and to deliver or otherwise provide that aggregated energy usage data for each covered building, as defined, to the owner, as specified. Current law requires the State Energy Resources Conservation and Development Commission (Energy Commission) to adopt regulations providing for the delivery to the Energy Commission and public disclosure of benchmarking of energy use for covered buildings, and specifies that this requirement does not require the owner of a building with 16 or fewer residential utility accounts to collect or deliver energy usage information to the Energy Commission. This bill would additionally specify that the requirement does not require the owner of a building with less than 50,000 square feet of gross floor space to collect or deliver energy usage information to the Energy Commission.

Position Priority

Watch B. Watch

SB 57 (Gonzalez D) Utilities: disconnection of residential service.

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E. U., & C. on 3/22/2023)(May be acted upon Jan 2024)

Summary: Would require an electrical corporation, local publicly owned electric utility, gas corporation, local publicly owned gas utility, water corporation, or local agency that owns a public water system to postpone the disconnection of a customer's residential service for nonpayment of a delinquent account when the temperature will be 32 degrees Fahrenheit or cooler, or 95 degrees Fahrenheit or warmer, within the utility's service area during the 24 hours after that service disconnection would occur, as specified. The bill would require each of those utilities to notify its residential ratepayers of that requirement and to create an online reporting system available through its internet website, if it has one, that enables its residential ratepayers to report when their utility service has been disconnected in violation of that requirement, as specified. The bill would require the PUC to establish a citation program to impose a penalty on an electrical corporation or gas corporation that violates that requirement, and require each local publicly owned electric utility and local publicly owned gas utility to annually report to the State Energy Resources Conservation and Development Commission the number of residential service connections it disconnected for nonpayment of a delinquent account. The bill would authorize the State Water Resources Control Board to enforce the requirement that a water corporation and local agency that owns a public water system postpone a disconnection of a customer's residential service, as specified.

Position Priority
Watch B. Watch

SB 66 (Hurtado D) Water Quality, Supply, and Infrastructure Improvement Act of 2014: Drinking Water Capital Reserve Fund: administration.

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.Q. on 3/29/2023)(May be acted upon Jan 2024)

Summary: The Water Quality, Supply, and Infrastructure Improvement Act of 2014 bond act provides that the sum of \$260,000,000 is to be available for grants and loans for public water system infrastructure improvements and related actions to meet safe drinking water standards, ensure affordable drinking water, or both, as specified. Current law requires the State Water Resources Control Board to deposit up to \$2,500,000 of the \$260,000,000 into the Drinking Water Capital Reserve Fund, to be available upon appropriation by the Legislature. Current law requires the state board to administer the Drinking Water Capital Reserve Fund for the purpose of serving as matching funds for disadvantaged communities and requires the state board to develop criteria to implement this provision. This bill would require the state board to provide an analysis of the criteria to implement that provision to the Senate Committee on Natural Resources and Water and Assembly Committee on Water, Parks, and Wildlife on January 1, 2025, and every 2 years thereafter.

Position Priority
Watch B. Watch

SB 69 (Cortese D) California Environmental Quality Act: local agencies: filing of notices of determination or exemption.

Status: 9/13/2023-Enrolled and presented to the Governor at 4 p.m.

Summary: The California Environmental Quality Act (CEQA) requires a local agency that approves or determines to carry out a project subject to CEQA to file a notice of determination with the county clerk of each county in which the project will be located, as provided. CEQA authorizes a local agency that determines that a project is not subject to CEQA to file a notice of exemption with the county clerk of each county in which the project will be located, as provided. CEQA requires the county clerk to make the notice available for public inspection and post the notice within 24 hours of receipt in the office or on the internet website of the county clerk, as specified. CEQA requires an action or proceeding challenging an act or decision of a public agency, including a local agency, on the grounds of noncompliance with CEQA to be commenced within certain time periods, as specified. This bill would require a local agency to file a notice of determination with the State Clearinghouse in the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would authorize a local agency to file a notice of exemption with the State Clearinghouse in the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would require the notice, including any subsequent or amended notice, to be posted both in the office and on the internet website of the county clerk and by the Office of Planning and Research on the State Clearinghouse internet website within 24 hours of receipt. The bill would specify that the posting of the notice by the Office of Planning and Research would not affect the applicable time periods to challenge an act or decision of a local agency, as described above.

Position Priority
Watch B. Watch

SB 231 (Hurtado D) Department of Water Resources: water supply forecasting.

Status: 9/1/2023-Failed Deadline pursuant to Rule 61(a)(11). (Last location was APPR. SUSPENSE FILE on 8/23/2023)(May be acted upon Jan 2024)

Summary: Would require the Department of Water Resources, on or before December 31, 2025, to establish a formal process for annually evaluating and improving the accuracy of its water supply forecasts, adopt a new water supply forecasting model that better addresses the effects of climate change, and implement a formal policy and procedures for documenting its operational plans for the state's water supply and its rationale for its operating procedures. The bill would require the department, by December 1, 2024, to prepare, and submit to the Legislature, a report on its progress toward meeting these requirements.

Position Priority
Watch B. Watch

SB 272 (Laird D) Sea level rise: planning and adaptation.

Status: 9/18/2023-Enrolled and presented to the Governor at 3 p.m.

Summary: Would require a local government, as defined, lying, in whole or in part, within the coastal zone, as defined, or within the jurisdiction of the San Francisco Bay Conservation and Development Commission, as defined, to develop a sea level rise plan as part of either a local coastal program, as defined, that is subject to approval by the California Coastal Commission, or a subregional San Francisco Bay shoreline resiliency plan that is subject to approval by the San Francisco Bay Conservation and Development Commission, as applicable, on or before January 1, 2034, as provided. By imposing additional requirements on local governments, the bill would impose a state-mandated local program. The bill would require local governments that receive approval for a sea level rise plan to be prioritized for funding, upon appropriation by the Legislature, for the implementation of sea level rise adaptation strategies and recommended projects in the local government's approved sea level rise plan. The bill would require, on or before December 31, 2024, the California Coastal Commission, in close coordination with the Ocean Protection Council and the California Sea Level Rise State and Regional Support Collaborative, to establish guidelines for the preparation of the sea level rise plan. The bill would also require, on or before December 31, 2024, the San Francisco Bay Conservation and Development Commission, in close coordination with the California Coastal Commission, the Ocean Protection Council, and the California Sea Level Rise State and Regional Support Collaborative, to establish guidelines for the preparation of the sea level rise plan. The bill would make the operation of its provisions contingent upon an appropriation for its purposes by the Legislature in the annual Budget Act or another statute. This bill contains other related provisions and other existing laws.

Position Priority
Watch B. Watch

SB 315 (Hurtado D) Groundwater: groundwater sustainability agencies: probationary basins.

Status: 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/1/2023)(May be acted upon Jan 2024)

Summary: The Sustainable Groundwater Management Act authorizes the State Water Resources Control Board to designate specified basins as probationary basins if certain conditions are met, including, but not limited to, that the Department of Water Resources, in consultation with the board, determines that a groundwater sustainability plan is inadequate or that the groundwater sustainability program is not being implemented in a manner that will likely achieve the sustainability goal. Current law requires the board, if it designates a basin as a probationary basin pursuant to specified conditions, to identify the specific deficiencies and potential remedies. Current law authorizes the board to request the department, within 90 days of the designation, to provide technical recommendations to local agencies to remedy the deficiencies and to develop an interim plan for the probationary basin one year after the designation, as specified. This bill would require any groundwater sustainability agency that hires a third-party consulting firm to ensure that the integrity of the science being used to develop a groundwater sustainability plan is protected and the data is not sold. The bill would delete the authorizations for the board to request technical recommendations from the department. The bill would additionally place various requirements on the board in working with a groundwater sustainability agency, including, among other things, requiring the board to provide clear benchmarks and guidance for groundwater sustainability agencies to improve their groundwater management plans.

Position Priority
Watch B. Watch

SB 865 (Laird D) Municipal water districts: automatic exclusion of cities.

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was GOV. & F. on 3/1/2023)(May be acted upon Jan 2024)

Summary: Current law authorizes a governing body of a municipal water district to adopt an ordinance excluding any territory annexed to a metropolitan water district organized under the Metropolitan Water District Act, if the territory is annexed prior to the effective date of the formation of the municipal water district. Current law requires the Secretary of State to issue a certificate reciting the passage of the ordinance and the exclusion of the area from the municipal water Page 33 of 71

district within 10 days of receiving a certified copy of the ordinance. This bill would extend the number of days the Secretary of State has to issue a certificate to 14 days.

Position Priority
Watch B. Watch

SB 867

(Allen D) Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024.

Status: 7/6/2023-July 10 hearing postponed by committee.

Summary: Would enact the Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,500,000,000 pursuant to the State General Obligation Bond Law to finance projects for drought, flood, and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate smart agriculture, park creation and outdoor access, and clean energy programs.

Position Priority
Watch B. Watch

C. Spot Bill

AB 422 (Alanis R) Natural Resources Agency: statewide water storage: tracking.

Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 2/9/2023)(May be acted upon Jan 2024)

Summary: Would require the Natural Resources Agency, on or before June 1, 2024, to post on its publicly available internet website information tracking the progress to increase statewide water storage, and to keep that information updated.

Position Priority
Watch C. Spot Bill

Total Measures: 40

Total Tracking Forms: 40

Item No. 2f

Metropolitan Water District of Southern California State Legislation Matrix September 11, 2023 – First Year of Legislative Session

Rill Number	Amended Date	Title-Summary	MWD Position	Fffects on Metropoliton
Author	Location			
AB 400	Amended	Local agency design-build projects:	Support	Metropolitan's current authority to use design-build
B. Rubio (D-	6/13/23	authorization.	,	under AB 1845 (Calderon, CH. 275, 2022) will sunset
Baldwin Park)			Based on	on January 1, 2028. The provisions of this bill would
		This measure would extend the existing sunset	October 2021	allow Metropolitan to use design-build for future
Sponsors:		date to January 1, 2031, for the use of design-	Board Action	projects through January 1, 2031.
California State	Pending	build as a delivery method for public works		
Association of	Governor's	contracts.		
Counties,	Signature			
League of California Cities				
AB 1567	Amended	Safe Drinking Water, Wildfire Prevention,	Support, if	This measure is consistent with Metropolitan's
Garcia (D-	5/26/2023	Drought Preparation, Flood Protection,	amended	current policy priorities and supports the objectives of
Coachella)		Extreme Heat Mitigation, Clean Energy, and		Metropolitan's Climate Adaptation Master Plan.
`		Workforce Development Bond Act of 2024.	Based on June	•
	Senate Natural	,	2023 Board	Metropolitan is seeking amendments to increase
	Resources and	This measure would authorize a \$15.995 billion	Action	funding for recycled water, dam safety, regional
	Water Committee	general obligation bond for the March 5, 2024,		conveyance, drought and conservation projects.
		ballot to fund a broad range of resource-based		
		programs that will assist California to improve its climate resiliency		
AB 1572	Amended	Potable water: nonfunctional turf.	Co-Sponsor	Based on input from the Board and member agencies,
Friedman (D -	9/5/2023		•	Metropolitan sought amendments to exclude multi-
Glendale)		This measure prohibits the use of potable water	Based on	family residential buildings and protect the authority
		for the irrigation of non-functional turf located	April 2023	and local control of public water systems. The June
Co-Sponsors:	Senate Floor	on commercial, industrial, institutional. This	Board action	19 version reflects these amendments and
Metropolitan,		measure provides the State Water Resources		Metropolitan is a "Co-Sponsor" of this measure.
Heal the Bay,		Control Board with the authority to postpone		
Ational Resources		compliance dates as prescribed.		
Defense Council				
5 of				

Metropolitan Water District of Southern California State Legislation Matrix

	ession	
	e S	
	ıtiv	
	Legisla	
	of L	
	Year	
)	First	
	, 2023 -]	
	20	
	11,	
	otember	
	Sel	

rvation: landscape design: model rvation: landscape design: model would odel water efficient landscape					
Location	Bill Number	Amended Date	Title-Summary	MWD Position	Effects on Metropolitan
Mater conservation: landscape design: model 9/1/2023 Senate Floor This measure would update the model water efficient landscape ordinance for new or renovated nonresidential areas to require at least 2.5% local native plants alopted beginning January 1, 2026. This measure would also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. Amended Water: Colorado River Conservation Oppose 13.16/2023 This measure would specifically prohibit required reductions on Colorado River resources Priorities and with increased water deliveries from other regions of California, including the Delta, December 2022 diversion of flood flows for groundwater Signed by the recharge do not require an appropriative water CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of December 2023 (CEQA) specified actions related to the implementation of Colorado River water	Author	Location			
Senate Floor This measure would 2023 Legislative update the model water efficient landscape ordinance for new or renovated nonresidential areas to require at least 25% local native plants areas to require at least 25% local native plants also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. Amended Water: Colorado River Conservation Oppose 3/16/2023 This measure would specifically prohibit required reductions on Colorado River resources with increased water deliveries from other retroactively as of January 1, 2023. December 2022 adopted retroactively as of January 1, 2023. December 2022 regions of California, including the Delta, December 2022 regions of California, including the Delta, December 2022 regions of God flows for groundwater diversion of flood flows for groundwater diversion of flood flows for groundwater Governor right if specified conditions regarding the Prioriples, diversion are met. These provisions exempt from 10 colorado River water conservation of Colorado River water conservation agreements with the US Bureau of Devaluation of Colorado River water conservation agreements with the US Bureau of	AB 1573 Friedman	Amended on	Water conservation: landscape design: model	Support	This measure is consistent with Metropolitan's effort
Senate Floor This measure would update the model water efficient landscape ordinance for new or renovated nonresidential areas to require at least 25% local native plants beginning January 1, 2026. This measure would also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. Amended Water: Colorado River Conservation Oppose 3/16/2023 This measure would specifically prohibit Legislative required reductions on Colorado River resources with increased water deliveries from other retroactively as of January 1, 2023. Amended Flood Flow Streamlining Amendments Principles, regions of California, including the Delta, rectoage do not require an appropriative water diversion of flood flows for groundwater diversion of flood flows for groundwater Governor right if specified conditions regarding the hords. Signed by the recharge do not require an appropriative water Governor right if specified conditions regarding the Polta, the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Donomerical and policy policy and policy and policy policy policy and policy polic	(D - Glendale)	9/1/2023	ordinance.		to reduce nonfunctional turf within its service area.
Senate Floor This measure would update the model water efficient landscape priorities and ordinance for new or renovated nouresidential areas to require at least 25% local native plants adopted also problibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. This measure would also problibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. Amended Water: Colorado River Conservation Oppose 716/2023 This measure would specifically prohibit Based on 2023 Metropolitan and LADWP to offset federally required reductions on Colorado River resources regions of California, including the Delta, adopted retroactively as of January 1, 2023. December 2022 Amended Flood Flow Streamlining Signed by the recharge do not require an appropriative water recharge do not require an appropriative water right if specified conditions regarding the Delta, diversion are met. These provisions exempt from adopted April Statutes of 2023 the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Dealerantin and Dealerantic conservation agreements with the US Bureau of Dealerantic CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Dealerantic CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Dealerantic CEQA) specified actions related to the conservation agreements with the US Bureau of Dealerantic CEQA) specified actions related to the conservation agreements with the US Bureau of Dealerantic CEQA) specified actions related to the conservation agreements with the US Bureau of CEQA or C				Based on	Metropolitan staff initially identified implementation
update the model water efficient landscape ordinance for new or renovated nonresidential areas to require at least 25% local native plants areas to require at least 25% local native plants also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. Amended Water: Colorado River Conservation Water Colorado River Conservation Two Year Bill required reductions on Colorado River resources regions of California, including the Delta, retroactively as of January 1, 2023. Amended Flood Flow Streamlining Amended Flood Flow Streamlining Provisions in this trailer bill provide that diversion of flood flows for groundwater Signed by the recharge do not require an appropriative water Governor Chapter 51, diversion are met. These provisions exempt from statutes of 2023 GCEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Dealerment or part of the colorado River water conservation agreements with the US Bureau of	Sponsor:	Senate Floor	This measure would	2023 Legislative	challenges but were able to work with the author's
areas to require at least 25% local native plants adopted beginning January 1, 2026. This measure would also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. Amended Water: Colorado River Conservation Oppose 3/16/2023 This measure would specifically prohibit Based on 2023 Metropolitan and LADWP to offset federally Legislative required reductions on Colorado River resources Priorities and with increased water deliveries from other retroactively as of January 1, 2023. December 2022 regions of California, including the Delta, December 2022 Rhoot Flow Streamlining Amended Flood Flow Streamlining Based on 2023 Giversion of flood flows for groundwater Based on 2023 Giversion of flood flows for groundwater Based on 2023 Giversion of flood flows regarding the diversion are met. These provisions exempt from diversion are met. These provisions exempt from diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of December 2023 and Dece	Earth Advocacy		update the model water efficient landscape	Priorities and	office to bring Metropolitan to a support position.
areas to require at least 25% local native plants beginning January 1, 2026. This measure would also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026. Amended Water: Colorado River Conservation Two Year Bill required reductions on Colorado River resources regions of California, including the Delta, retroactively as of January 1, 2023. Amended Flood Flow Streamlining Seek Amended Flood Flows for groundwater Governor right if specified conditions regarding the diversion are met. These provisions exempt from adopted April Statutes of 2023 (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of December 2022 CEQA) specified actions related to the implementation of Colorado River water Conservation agreements with the US Bureau of	and California		ordinance for new or renovated nonresidential	Principles,	
Amended Ame	Native Plant		areas to require at least 25% local native plants	adopted	Metropolitan's requested amendments included: (1)
Amended Water: Colorado River Conservation Amended Water: Colorado River Conservation Amended Water: Colorado River Conservation Two Year Bill This measure would specifically prohibit required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, retroactively as of January I, 2023. Amended Flood Flow Streamlining Amendments Provisions in this trailer bill provide that diversion of flood flows for groundwater diversion are met. These provisions exempt from diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of	Society		beginning January 1, 2026. This measure would	December 2022	removal of the .3 plant factor, (2) a phased approach
Amended Water: Colorado River Conservation Amended Water: Colorado River Conservation This measure would specifically prohibit arequired reductions on Colorado River resources This measure would specifically prohibit arequired reductions on Colorado River resources This measure would specifically prohibit arequired reductions on Colorado River resources This measure would specifically prohibit arequired reductions on Colorado River resources This measure would specifically prohibit and LADWP to offset federally arequired reductions of California, including the Delta, adopted aretroactively as of January 1, 2023. Amended Flood Flow Streamlining Amendments Provisions in this trailer bill provide that diversion of flood flows for groundwater appropriative water diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Departmentation agreements with the US Bureau of			also prohibit the use of nonfunctional turf in		implementation of native plant requirement, and (3)
Amended Water: Colorado River Conservation Oppose 3/16/2023 This measure would specifically prohibit Two Year Bill required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, retroactively as of January 1, 2023. Amended Flood Flow Streamlining Amendments Provisions in this trailer bill provide that diversion of flood flows for groundwater Governor right if specified conditions regarding the diversion are met. These provisions exempt from adopted April Statutes of 2023 (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Bool and Statutes of Bool and Statutes of Statutes			nonresidential landscape projects after January 1,		require water efficient irrigation methods. The
Amended Water: Colorado River Conservation 3/16/2023 This measure would specifically prohibit Two Year Bill required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, retroactively as of January 1, 2023. Amended Flood Flow Streamlining Seek 6/26/2023 Provisions in this trailer bill provide that diversion of flood flows for groundwater Signed by the recharge do not require an appropriative water Governor right if specified conditions regarding the Principles, diversion are met. These provisions exempt from Statutes of 2023 Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from Statutes of 2023 Chapter 51, diversion are met. These statutes of 2023			2026.		current version of the bill reflects these requested
Amended Water: Colorado River Conservation 3/16/2023 This measure would specifically prohibit Based on 2023 Metropolitan and LADWP to offset federally Legislative required reductions on Colorado River resources Principles, regions of California, including the Delta, adopted retroactively as of January 1, 2023. Amended Flood Flow Streamlining Amendments Provisions in this trailer bill provide that diversion of flood flows for groundwater Based on 2023 Signed by the recharge do not require an appropriative water diversion are met. These provisions exempt from adopted April Statutes of 2023 Chapter 51, diversion are met. These provisions exempt from adopted April (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Dealmortion					changes.
This measure would specifically prohibit Two Year Bill required reductions on Colorado River resources Two Year Bill required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, adopted retroactively as of January 1, 2023. Amended Flow Streamlining Amended Flow Streamlining Signed by the recharge do not require an appropriative water diversion are met. These provisions exempt from adopted April Statutes of 2023 the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Booling and Departments.	AB 1648	Amended		Oppose	This measure affects Metropolitan's flexibility with
This measure would specifically prohibit Metropolitan and LADWP to offset federally Two Year Bill required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, retroactively as of January 1, 2023. Amended Flood Flow Streamlining Amended Flood Flow Streamlining Provisions in this trailer bill provide that diversion of flood flows for groundwater Signed by the recharge do not require an appropriative water Governor right if specified conditions regarding the right if specified conditions regarding the diversion are met. These provisions exempt from diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water CEQA) specified actions related to the implementation of Colorado River water CODSTANTING CODSTANTING CODSTANTING Rased on 2023 Governor right if specified actions related to the implementation of Colorado River water CODSTANTING CODSTANTING CODSTANTING Rased on 2023 GOVERNOR CODSTANTING CODSTANTING CODSTANTING CODSTANTING CODSTANTING CODSTANTING Rased on 2023 GOVERNOR CODSTANTING CODSTANTING Rased on 2023 GOVERNOR CODSTANTING CODSTANTI	Bains (D -	3/16/2023			its entire water portfolio, including the Integrated
Two Year Bill required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, adopted retroactively as of January 1, 2023. Amended Flood Flow Streamlining Amended Flood Flow Streamlining Amended G/26/2023 Provisions in this trailer bill provide that diversion of flood flows for groundwater Water Rights recharge do not require an appropriative water Water Rights diversion are met. These provisions exempt from adopted April Statutes of 2023 CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Basil Designation of Colorado River water conservation agreements with the US Bureau of	Bakersfield)		This measure would specifically prohibit	Based on 2023	Water Resources Plan and the Annual Operating Plan.
Two Year Bill required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, regions of California, including the Delta, adopted retroactively as of January 1, 2023. Amended Flood Flow Streamlining Seek Amended Flood Flow Streamlining Amended G/26/2023 Provisions in this trailer bill provide that diversion of flood flows for groundwater Based on 2023 recharge do not require an appropriative water Governor right if specified conditions regarding the right if specified conditions regarding the April Statutes of 2023 the California Environmental Quality Act CO23 (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Declaration Provided April Declaration			Metropolitan and LADWP to offset federally	Legislative	Metropolitan's reliability and its ability to meet
with increased water deliveries from other regions of California, including the Delta, adopted retroactively as of January 1, 2023. Amended Flood Flow Streamlining Seek Amendments Provisions in this trailer bill provide that diversion of flood flows for groundwater diversion of flood flows for groundwater an appropriative water right if specified conditions regarding the diversion are met. These provisions exempt from adopted April the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of		Two Year Bill	required reductions on Colorado River resources	Priorities and	demands would also be impaired by restrictions on
Amended Flood Flow Streamlining Seek Amended Flood Flow Streamlining Amended G/26/2023 Provisions in this trailer bill provide that diversion of flood flows for groundwater Governor right if specified conditions regarding the Chapter 51, the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Declaration agreements with the US Bureau of			with increased water deliveries from other	Principles,	partnerships with its State Water Project and
Amended Flood Flow Streamlining Seek Amended Flood Flow Streamlining Seek Amended G/26/2023 Provisions in this trailer bill provide that diversion of flood flows for groundwater Based on 2023 recharge do not require an appropriative water right if specified conditions regarding the Chapter 51, diversion are met. These provisions exempt from diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of			regions of California, including the Delta,	adopted	Colorado River Basin stakeholders.
Amended Flood Flow Streamlining Seek Amendments Provisions in this trailer bill provide that diversion of flood flows for groundwater Based on 2023 Signed by the recharge do not require an appropriative water right if specified conditions regarding the Governor diversion are met. These provisions exempt from diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of			retroactively as of January 1, 2023.	December 2022	
Frovisions in this trailer bill provide that diversion of flood flows for groundwater diversion of flood flows for groundwater an appropriative water right if specified conditions regarding the Chapter 51, diversion are met. These provisions exempt from diversion are met. These provisions exempt from adopted April the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of	SB 122	Amended	Flood Flow Streamlining	Seek	The no-permit authorization poses a significant
Signed by the recharge do not require an appropriative water diversion of flood flows for groundwater Governor right if specified conditions regarding the diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of	Senate Committee	6/26/2023		Amendments	concern to Metropolitan's State Water Project
Signed by the recharge do not require an appropriative water Governor right if specified conditions regarding the Ghapter 51, diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of	on Budget and		Provisions in this trailer bill provide that		supplies. There is no process for protesting, no
Signed by the recharge do not require an appropriative water right if specified conditions regarding the Governor diversion are met. These provisions exempt from adopted April Statutes of 2023 (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of	Fiscal Review		diversion of flood flows for groundwater	Based on 2023	requirement that diverters avoid harm to other legal
Governor right if specified conditions regarding the Chapter 51, diversion are met. These provisions exempt from adopted April the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of		Signed by the	recharge do not require an appropriative water	Water Rights	water users with water rights senior to the flood flow
Chapter 51, diversion are met. These provisions exempt from adopted April Statutes of 2023 the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of		Governor	right if specified conditions regarding the	Principles,	diverter, and no protection of SWP and CVP rights to
Statutes of 2023 the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of		Chapter 51,	diversion are met. These provisions exempt from	adopted April	divert "excess flows" when they exist in the system
implementation of Colorado River water conservation agreements with the US Bureau of		Statutes of 2023	the California Environmental Quality Act	2023	up to the full capacity of the projects. Metropolitan
implementation of Colorado River water conservation agreements with the US Bureau of	Pa		(CEQA) specified actions related to the		will work with the administration to address these
	age		implementation of Colorado River water		issues as the program is implemented.
	÷ 36		conservation agreements with the US Bureau of		
	6 0		Reclamation.		

Metropolitan Water District of Southern California State Legislation Matrix

September 11, 2023 – First Year of Legislative Session	J
- First Year of Legislative	ssion
— I	Se
— I	islative
— I	Leg
— I	\mathbf{of}
— I	Year
September 11, 2023 -	- First
September 11,	2023 -
September	11,
	September

		September 11) = 0=0 1 1130 1 cm of February September	0	
Bill Number	Amended Date	Title-Summary	MWD Position	Effects on Metropolitan
Author	Location			
SB 124	Amended	Green Financing Programs for Federal IRA	Support	For the State Water Project, DWR's direct investment
Senate Committee	6/26/2023	Funding	l I	in qualifying projects could lower its capital costs,
on Budget and			Based on	which would ultimately be passed on to Metropolitan
Fiscal Review		This measure contains various provisions to	2023 Legislative	and other SWP contractors.
	Signed by the	implement the 2023 State Budget Act, which	Priorities and	
	Governor	includes authorizing the State Infrastructure and	Principles,	
	Chapter 53,	Economic Development Bank and DWR to	adopted	
	Statutes of 2023	access and utilize federal funding in the Inflation	December 2022	
		greenhouse emissions.		
SB 146	Amended	Public resources: infrastructure: contracting.	Support	By utilizing PDB and awarding a project contract
Gonzalez (D-Long	6/26/2023			prior to the completion of all design work, DWR can
Beach)		This measure is part of the negotiated	Based on	potentially reduce overall costs and execute shorter
	Signed by the	infrastructure trailer bill package and authorizes	October 2021	project delivery schedules. This could lead to reduced
	Governor	DWR to use the progressive design-build project	Board Action	costs for SWP-related projects-resulting in cost
	Chapter 58,	delivery method for up to eight public works		savings being passed on to Metropolitan.
	Statutes of 2023	projects that exceed \$25 million. The Delta		
		conveyance facilities and seawater desalination		
		are expressly prohibited under this measure.		
SB 147	Amended	Fully protected species: California	Support and	While this alternative may have benefits over current
Ashby (D-	6/26/2023	Endangered Species Act: authorized take	Amended	FPS regulations, the requirements are extensive and
		This measure is part of the negotiated	Based on	and could create other litigation risks for permittees.
	Signed by the	infrastructure trailer bill package and authorizes	2023 Legislative	Combined, these aspects make it unlikely
	Governor	the take of fully protected species for certain	Priorities and	Metropolitan would seek to use this method.
	Chapter 59,	infrastructure projects if specified conditions are	Principles,	
	Statutes of 2023	met. Eligible projects include the maintenance,	adopted	
		repair and improvement of the State Water	December 2022	
Pá		Project, as well as critical regional and local		
age		water infrastructure.		
4				

Metropolitan Water District of Southern California State Legislation Matrix September 11, 2023 – First Year of Legislative Session

		be become till aver till at teat of degislative eession	or registative	Desgrain
Bill Number	Amended Date	Title-Summary	MWD Position	Effects on Metropolitan
Author	Location			
SB 149	Amended	California Environmental Quality Act:	Support and	Administrative Records Streamlining: Overall, the
Caballero (D-	6/28/2023	administrative and judicial procedures:	Amend	provisions would be beneficial to Metropolitan as
Merced)		record of proceedings: judicial streamlining.		they could lower CEQA litigation costs and shorten
			Based on	litigation timelines.
	Signed by the	This measure is part of the negotiated	2023 Legislative	
	Governor	infrastructure trailer bill package and makes	Priorities and	Expedited Judicial Review: The process for preparing
	Chapter 60,	various changes to CEQA. This bill provides	Principles,	the administrative record for any governor-certified
	Statutes of 2023	clarification for what is considered as part of the	adopted	infrastructure project must follow certain extensive
		administrative record, as well as allowing a	December 2022	and potentially costly specifications. While expedited
		public agency to deny a request to prepare the		judicial review is beneficial in concept, unless
		record of proceedings. This bill also provides for		amended, the prerequisites may be infeasible or costly
		expedited judicial review for specified energy		to implement.
		and transportation projects.		•
SB 150	Amended	Construction: workforce development: public	Support	This bill is intended to help develop procurement
Durazo (D-Los	6/26/2023	contracts.		models to enhance the state's training and access
Angeles)			Based on	pipeline for jobs while ensuring community benefits
		This measure is part of the negotiated	2023 Legislative	on infrastructure and manufacturing investments.
	Signed by the	infrastructure trailer bill package and focuses on	Priorities and	
	Governor	strengthening the state's workforce and	Principles,	This bill is aligned with Metropolitan's values and
	Chapter 61,	community benefits with infrastructure	adopted	would benefit the district by building the next
	Statutes of 2023	investments through California's share of federal	December 2022	generation of the state's construction workforce.
		funds.		

Metropolitan Water District of Southern California State Legislation Matrix

	Session	
	f Legislative	
)	First Year of	
	11, $2023 - Fi$	
	September	
		۱

			0	
Bill Number	Amended Date	Title-Summary	MWD Position	Effects on Metropolitan
Author	Location			
SB 366	Amended	The California Water Plan: long-term supply	Support, if	The intent of this bill is to help modernize
Caballero (D -	6/29/2023	targets.	amended	California's water management practices and provide
Merced)		This measure would revise the California Water		long-term reliable supplies in response to the current
		Plan to require the DWR to update the California		climate challenges. Metropolitan is seeking clarifying
Sponsors:		Water Plan by December 31, 2028, and every	Based on	amendments to ensure the 2050 target reflects
California	Two-year bill	five years after, to include a long-term water	2023 Legislative	statewide, regional, and local planning efforts.
Municipal Utilities		supply target for 2050 and discussion on the	Priorities and	
Association,		development of specified water supply sources	Principles,	Recent amendments related to the Delta environment
California Council		to meet demand.	adopted	are not consistent with the purpose of the California
for Environmental			December 2022	Water Plan.
and Economic				
Balance, California				
State Association of Counties				
SB 659	Amended	California Water Supply Solutions Act of	Support, if	This bill will further elevate the importance of
Ashby (D –	9/1/2023	2023.	Amended	groundwater in the state's planning efforts.
Sacramento)				
		This bill would require DWR to develop a	Based on 2023	Metropolitan is requesting amendments to add
Sponsors:	Assembly Floor	groundwater recharge plan by January 1, 2026,	Legislative	clarifying language to the definition of stormwater
Sacramento		to create additional groundwater recharge	Priorities and	capture and merge this plan into the development of
Regional Water		capacity and include the plan as part of the 2028	Principles	the California Water Plan to remove duplication of
Authority		update to the California Water Plan.	adopted	effort and ensure more comprehensive planning.
			December 2022.	
SB 687	Amended	Water Quality Control Plan: Delta	Oppose	Metropolitan supports updating the Water Quality
Eggman (D -	5/2/2023	Conveyance Project.		Control Plan to protect beneficial uses in the Delta.
Stockton)			Based on	However, this bill would result in halting or delaying
	T 1.:11	I his measure will require the State water	2023 Legislative	planning efforts on the Delta Conveyance Project and
Pag	ı wo-year biii	resources control board to adopt a final update of the Bay-Delta Water Onality Control Plan	Principles	potentially prevent the project from operating it approved
e 3		before the Board considers a change in the point	adopted	
9 of		of diversion or any other water rights permit or	December 2022	
71		order for the Delta Conveyance Project.		

Metropolitan Water District of Southern California State Legislation Matrix September 11, 2023 – First Year of Legislative Session

		Schember 11, 2023 - First Car of Englishante Session		
Bill Number	Amended Date	Title-Summary	MWD Position	Effects on Metropolitan
Author	Location			
SB 706	Amended	Public contracts: progressive design-build:	Support	Currently, progressive design-build eligible projects
Caballero (D-	6/28/23	local agencies.		are limited to wastewater treatment facilities, park and
Merced)			Based on	recreational facilities, solid waste management
		This bill would provide additional authority,	2023 Legislative	facilities and water recycling facilities. However, this
Sponsors:		until January 1, 2023, for cities, counties, and	Priorities and	bill will now authorize Metropolitan to address other
CA State	Pending	special districts to use progressive design-build	Principles,	physical structures and needs to further support
Association of	Governor's	authority for up to 10 public works projects that	adopted	Metropolitan's operations for reliable water supply
Counties; County of	Signature	are in excess of \$5 million. In addition, any	December 2022	deliveries throughout its service area.
San Diego; Design		local agency that uses this authorized		
Build Institute of		progressive-design build process must submit a		
America Western		report to the Legislature.		
Pacific Chapter;				
League of				
California Cities				
SB 867	Amended	Drought, Flood and Water Resilience,	Support, if	This measure is consistent with Metropolitan's
Allen (D-Santa	6/22/2023	Wildfire and Forest Resilience, Coastal	amended	current policy priorities and supports the objectives of
Monica)		Resilience, Extreme Heat Mitigation,		Metropolitan's Climate Adaptation Master Plan.
	Assembly Natural	Biodiversity and Nature-Based Climate		
	Resources	Solutions, Climate Smart Agriculture, Park	Based on June	Metropolitan is seeking amendments to increase
	Committee	Creation and Outdoor Access, and Clean	2023 Board	funding for recycled water, dam safety, regional
		Energy Bond Act of 2024.	Action	conveyance, drought, and conservation projects.
		This measure would authorize a \$15.5 billion		
		general obligation bond for a range of resource-		
		based programs that will improve California's		
		climate resiliency. If approved, this measure		
		would be on the iviaion 3, 2024 statewide ballot.		



118TH CONGRESS 1ST SESSION

S. 2514

To amend the Colorado River Basin Salinity Control Act to modify certain requirements applicable to salinity control units, and for other purposes.

IN THE SENATE OF THE UNITED STATES

July 26, 2023

Mr. Bennet (for himself, Ms. Lummis, Mr. Padilla, Mr. Barrasso, Mrs. Feinstein, Ms. Sinema, Mr. Romney, and Mr. Hickenlooper) introduced the following bill; which was read twice and referred to the Committee on Agriculture, Nutrition, and Forestry

A BILL

- To amend the Colorado River Basin Salinity Control Act to modify certain requirements applicable to salinity control units, and for other purposes.
 - 1 Be it enacted by the Senate and House of Representa-
 - 2 tives of the United States of America in Congress assembled,
 - 3 SECTION 1. SHORT TITLE.
 - 4 This Act may be cited as the "Colorado River Salinity
 - 5 Control Fix Act".
 - 6 SEC. 2. SALINITY CONTROL UNITS.
 - 7 Section 205 of the Colorado River Basin Salinity
 - 8 Control Act (43 U.S.C. 1595) is amended—

1	(1) by striking the section designation and all
2	that follows through "(a) The Secretary" and insert-
3	ing the following:
4	"SEC. 205. SALINITY CONTROL UNITS; AUTHORITY AND
5	FUNCTIONS OF THE SECRETARY OF THE IN-
6	TERIOR.
7	"(a) Allocation of Costs.—The Secretary";
8	(2) by striking paragraph (1) and inserting the
9	following:
10	"(1) Nonreimbursable costs; reimburs-
11	ABLE COSTS.—
12	"(A) Nonreimbursable costs.—
13	"(i) In general.—In recognition of
14	Federal responsibility for the Colorado
15	River as an interstate stream and for
16	international comity with Mexico, Federal
17	ownership of the land of the Colorado
18	River Basin from which most of the dis-
19	solved salts originate, and the policy estab-
20	lished in the Federal Water Pollution Con-
21	trol Act (33 U.S.C. 1251 et seq.) and ex-
22	cept as provided in clause (ii), the fol-
23	lowing shall be nonreimbursable:
24	"(I) 75 percent of the total costs
25	of construction and replacement of

1	each unit or separable feature of a
2	unit authorized by section 202(a)(1)
3	including 90 percent of—
4	"(aa) the costs of operation
5	and maintenance of each unit or
6	separable feature of a unit au-
7	thorized by that section; and
8	"(bb) the total costs of con-
9	struction, operation, and mainte-
10	nance of the associated measures
11	to replace incidental fish and
12	wildlife values foregone.
13	"(II) 75 percent of the total costs
14	of construction and replacement of
15	each unit or separable feature of a
16	unit authorized by section 202(a)(2)
17	including 100 percent of—
18	"(aa) the costs of operation
19	and maintenance of each unit or
20	separable feature of a unit au-
21	thorized by that section; and
22	"(bb) the total costs of con-
23	struction, operation, and mainte-
24	nance of the associated measures

1	to replace incidental fish and
2	wildlife values foregone.
3	"(III) 75 percent of the total
4	costs of construction, operation, main-
5	tenance, and replacement of each unit
6	or separable feature of a unit author-
7	ized by section 202(a)(3), including
8	75 percent of the total costs of con-
9	struction, operation, and maintenance
10	of the associated measures to replace
11	incidental fish and wildlife values fore-
12	gone.
13	"(IV) 70 percent of the total
14	costs of construction, operation, main-
15	tenance, and replacement of each unit
16	or separable feature of a unit author-
17	ized by paragraphs (4) and (6) of sec-
18	tion 202(a), including 70 percent of
19	the total costs of construction, oper-
20	ation, and maintenance of the associ-
21	ated measures to replace incidental
22	fish and wildlife values foregone.
23	"(V) 70 percent of the total costs
24	of construction and replacement of
25	each unit or separable feature of a

1	unit authorized by section 202(a)(5),
2	including 100 percent of—
3	"(aa) the costs of operation
4	and maintenance of each unit or
5	separable feature of a unit au-
6	thorized by that section; and
7	"(bb) the total costs of con-
8	struction, operation, and mainte-
9	nance of the associated measures
10	to replace incidental fish and
11	wildlife values foregone.
12	"(VI) 85 percent of the total
13	costs of implementation of the on-
14	farm measures authorized by section
15	202(c), including 85 percent of the
16	total costs of the associated measures
17	to replace incidental fish and wildlife
18	values foregone.
19	"(ii) Special rule for nonreim-
20	BURSABLE COSTS FOR FISCAL YEARS 2024
21	AND 2025.—Notwithstanding clause (i), for
22	each of fiscal years 2024 and 2025, the
23	following shall be nonreimbursable:
24	"(I) 75 percent of all costs de-
25	scribed in clause (i)(I).

1	"(II) 75 percent of all costs de-
2	scribed in clause (i)(II).
3	"(III) 70 percent of all costs de-
4	scribed in clause (i)(V).
5	"(IV) The percentages of all
6	costs described in subclauses (III),
7	(IV), and (VI) of clause (i).
8	"(B) Reimbursable costs.—The total
9	costs remaining after the allocations under
10	clauses (i) and (ii) of subparagraph (A) shall be
11	reimbursable as provided for in paragraphs (2),
12	(3), (4), and (5).";
13	(3) in subsection (b), by striking the subsection
14	designation and all that follows through "Costs of
15	construction" in paragraph (1) and inserting the fol-
16	lowing:
17	"(b) Costs Payable From Lower Colorado
18	RIVER BASIN DEVELOPMENT FUND.—
19	"(1) In general.—Costs of construction";
20	(4) in subsection (c), by striking "(c) Costs of
21	construction" and inserting the following:
22	"(c) Costs Payable From Upper Colorado
23	RIVER BASIN FUND.—Costs of construction"; and
24	(5) in subsection (e), by striking "(e) The Sec-
25	retary is" and inserting the following:

- 1 "(e) UPWARD ADJUSTMENT OF RATES FOR ELEC-
- 2 TRICAL ENERGY.—The Secretary is".

 \bigcirc



STAFF REPORT

To: Board of Directors Meeting Date: October 26, 2023

From: Sherri Seitz, Public Affairs Manager

Subject: Public Education and Outreach Report

Bill Message

Customer October/November bill message:

Fall is the perfect time to refresh your landscape. Nearly half of residential water is used outdoors, and as much as half of that is wasted or lost to overwatering, runoff and evaporation. Visit www.ETWD/conservation/landscape-workshops for more information on upcoming leak detection and landscape workshops.

El Toro Regional Reservoir Outreach

Following this report is the most recent El Toro Regional Reservoir construction alert flyer sent to the customers surrounding the Reservoir.

Press Release

Staff distributed a press release announcing the appointment of Director Fred Adjarian.

Past Events

Laguna Woods Village Gate 11 Fall Meeting (CH 2)

On September 26, Vu Chu and Sherri Seitz staffed an information table at the Laguna Woods Village Gate 11 Fall meeting. The meeting drew approximately 100 attendees.

Public Education and Outreach Report Page 2



Laguna Woods Village College Club

On September 20, 2023, Sherri Seitz and Vu Chu presented on "How water gets to your tap" to the College Club at their monthly meeting. Approximately 50 village residents attended.



Public Education and Outreach Report Page 3



City of Lake Forest Leadership Academy

Each year the City of Lake Forest holds an eight-week leadership academy for citizens to learn about their city. Dennis Cafferty along with representatives from SCE and IRWD presented on October 18, 2023. Dennis's presentation included information on ETWD services, water supply and the current challenges we face as a water district. Approximately 20 residents were registered for the academy course.



Upcoming Community Events

South County Disaster Preparedness Expo

Staff will staff a booth and provide water from ETWD's emergency water trailer at the City of Mission Viejo South County Disaster Preparedness Expo on Saturday, October 21, 2023 from 9 am to 12 pm at the Village Green at the Norman Murray Community and Senior Center.

H2O for HOAs

ETWD staff is partnering with MNWD, IRWD, SMWD, SCWD, TCWD, LBCWD and the cities of Aliso Viejo, Dana Point, Laguna Beach, Laguna Hills, Laguna Niguel, Laguna Woods, Lake Forest, Mission Viejo, Rancho Santa Margarita, San Clemente and Unincorporated Orange County to hold this year's H20 for HOA event on Thursday, October 26, 2023 from 8 a.m. to 12 p.m. at the Norman P. Murray Community Center in Mission Viejo. Donna Rane-Szostak of Laguna Woods Village will participate as a panelist this year on the "How to Push Through a Successful Project" from an HOA perspective.

ETWD "Pipe Patrol - Leak Detection and Prevention" Workshops

Vu Chu will conduct 2 "Pipe Patrol – Leak Detection and Prevention" Workshops at ETWD headquarters. These workshops will provide customers information on how to find, fix and prevent leaks in and around the home. The first workshop is scheduled for Tuesday, October 24 from 6:30 p.m. to 8 p.m. and the second workshop is Saturday, October 28 from 9 a.m. to 10:30 a.m.

MWD Landscape Workshops

ETWD is co-hosting a series of free online landscape workshops with MWD and run by G3 Green Gardeners Group. For each class, ETWD will be able to provide an introduction for each workshop. Schedule is as follows:

October 18 – 6 pm to 7 pm – Good Bye Grass – Qualify for a Turf Removal Rebate
October 21 – 9 am – 10 am – Deciphering Your Irrigation Controller
November 2 – 6 pm to 7 pm – CA Friendly Native Plant Landscape
November 7 – 6 pm to 7 pm - Irrigation & Water Use Efficiency
November 8 – 6 to 7:30 pm – Garden Design

November 14– 6 pm to 7 pm – Drip Irrigation

Girl Scouts Tour

ETWD is co-hosting a Girl Scout tour with MWDOC at the ETWD Water Recycling Plant on Saturday, November 4, 2023 from 9 a.m. – 11 a.m.

City of Lake Forest/Lake Forest Chamber of Commerce

Law & Order O.C – Legislative Luncheon

ETWD will provide drought tolerant centerpieces for the City of Lake Forest/Lake Forest Chamber of Commerce Law & Order O.C. Legislative Luncheon in November.

Elf Yourself 5K

ETWD staff will provide water from ETWD's water trailer to race attendees at the upcoming City of Lake Forest/Lake Forest Chamber of Commerce Elf Yourself 5K Race on Saturday, November 18, 2023 at the Lake Forest Sports Park. A flyer follows this report.

Boy Scout Tour

ETWD is co-hosting a Boy Scout tour with MWDOC at the ETWD Water Recycling Plant on Saturday, December 9, 2023 from 8 a.m. – 12 noon.



CONSTRUCTION ALERT

EL TORO REGIONAL RESERVOIR FLOATING COVER AND LINER REPLACEMENT PROJECT

PROJECT UPDATE

Thank you for your patience during the El Toro Reservoir Liner and Cover Replacement Project. The liner and cover replacement is now complete, and the reservoir is filled.

RESERVOIR PERIMETER ROAD REPAIR

During the next two months, El Toro Water District will be replacing the asphalt road around the perimeter of the reservoir.

SHELL CASINGS

ETWD has found multiple pellet gun/BB gun pellets with sharp tips on and around the reservoir. These sharp tips can cause damage to the reservoir by poking a hole in the cover. As a reminder, it is illegal to discharge a pellet/BB gun within the City of Mission Viejo.

If you have any information regarding these incidents, you are encouraged to call ETWD at **(949) 837-0660** or the Orange County Sheriff at **(949) 770-6011**. We thank you for your attention to this matter.



THERE WILL BE NO IMPACT TO RESIDENTS' WATER SERVICE.

CONSTRUCTION START DATE:

OCT. 25, 2023



EL TORO REGIONAL RESERVOIR SITE MAP

CONSTRUCTION IMPACTS

- Work Hours: 7 a.m. to 5 p.m.
- Monday through Friday, except holidays

During the project, residents near the reservoir can expect:

- Increased construction noise during the day.
- Increased construction traffic in and around the site, including entering the site off La Glorieta and exiting the site onto Alicia Parkway next to the Living World Lutheran Church and Laguna Parent Participation School.
- · Larger vehicles moving on and off the property.

For more information on this project call (949) 837-0660, or visit etwd.com/eltororeservoir.



STAFF REPORT

To: Board of Directors Meeting Date: October 26, 2023

From: Vu Chu, Water Use Efficiency Analyst

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 Municipal Water District of Orange County and ETWD.

The following tables reflect the ETWD customer device rebates available to customers from July 2022 through June 30, 2024.

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			\$35
(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.	\$0.25 sq. ft.	\$0.75 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 Rebates Analysis:

The following ETWD residential customer and commercial customer device rebates were approved by the Metropolitan Water District and the Municipal Water District of Orange County during the month of September 2023.

Residential Device Rebates	Rebates Approved September 2023	ETWD Amount Paid	MET Amount Paid	Total Rebate Paid
High Efficiency Clothes Washer	2	\$230	\$170	\$400.00
Rain Barrel	1			\$35.00

The following ETWD rebates for Turf Removal Program and Spray-To-Drip Program that have been paid during the current fiscal year 2023/2024 through the end of September 2023.

Turf Removal Program	Total sq.ft. Paid	ETWD Supplemental Amount	ETWD Supplemental Rebate Total
Turf Removal Residential & Commercial	6,733	\$1 sq. ft.	\$6,733.00
Spray-To-Drip Residential & Commercial	4,185	\$0.25 sq. ft.	\$1,046.25

Water Use Efficiency Plan Update:

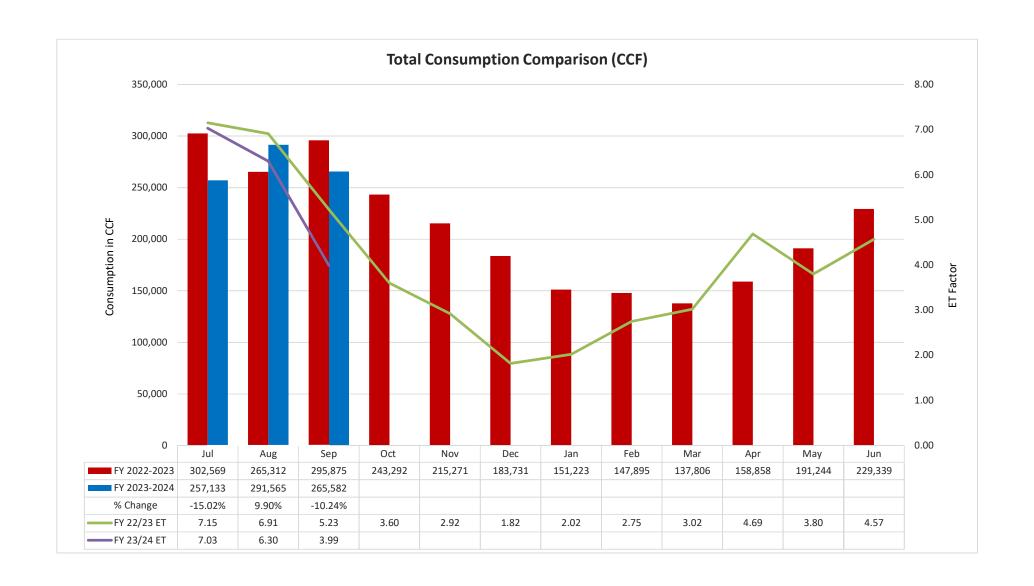
The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). During September 2023, residential customers accounted for 64.4% of Tier 3 usage and dedicated irrigation accounted for 35.6%. For Tier 4, residential customers accounted for 49.2% and dedicated irrigation accounted for 50.8% during the same period.

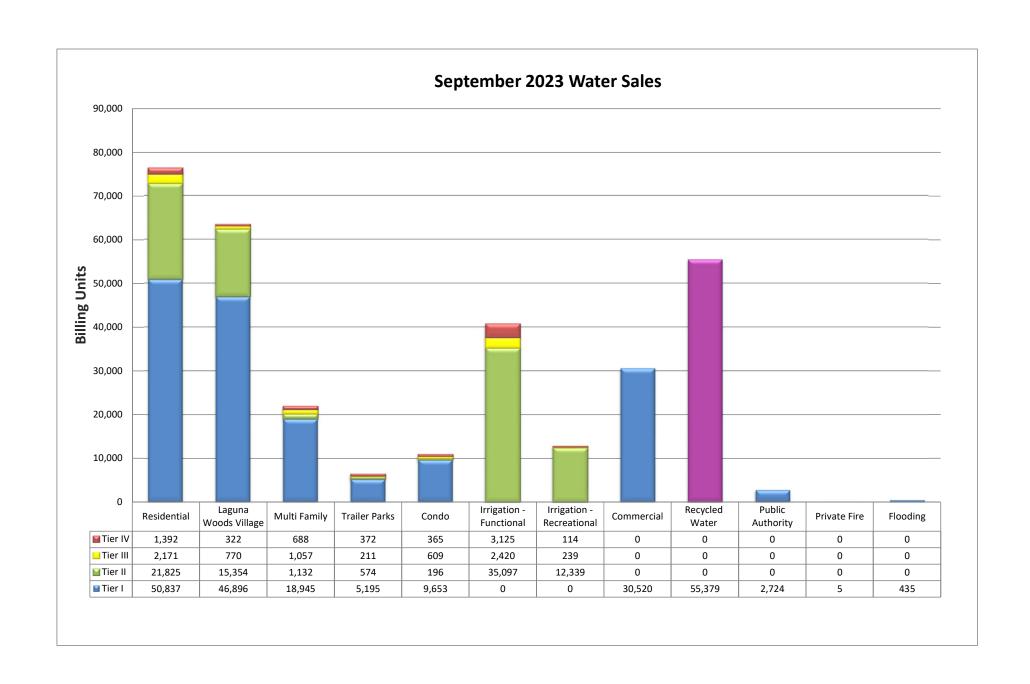
<u>Total Consumption Comparison to Evapotranspiration (ET) Factor:</u>

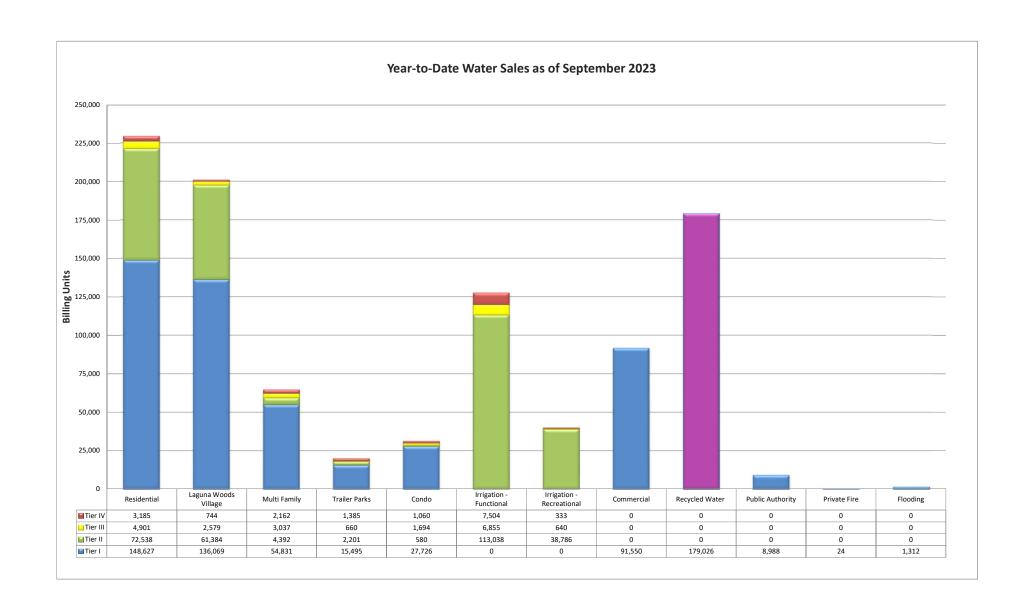
Included in this month's Water Use Efficiency Report is a chart comparing the current fiscal year consumption and ET factor to the fiscal 2022/23 consumption and ET factor. Total potable water consumption decreased 10.24% in September 2023 versus September 2022. The ET factor decreased from 5.23 to 3.99 during the same period.

ETWD Tier Consumption Information and Usage Information Compared to Previous Years:

The following graphs highlight ETWD year-to-date consumption and consumption by tier for the current fiscal year compared to 2022-2023 fiscal year. ETWD water consumption compared to 2013 and 2020 are also included.

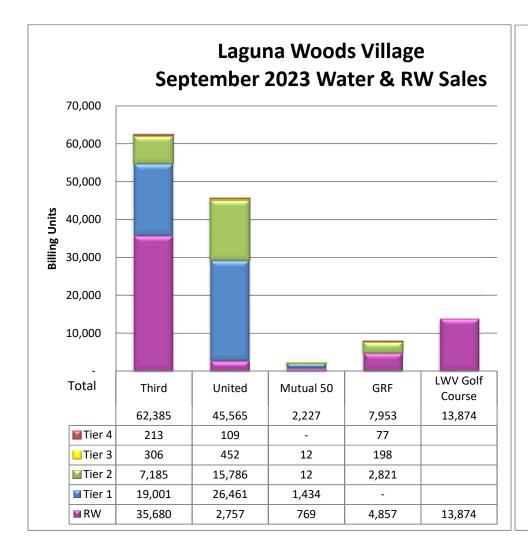


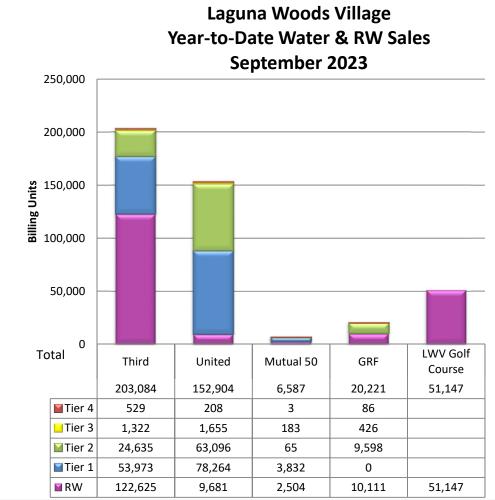


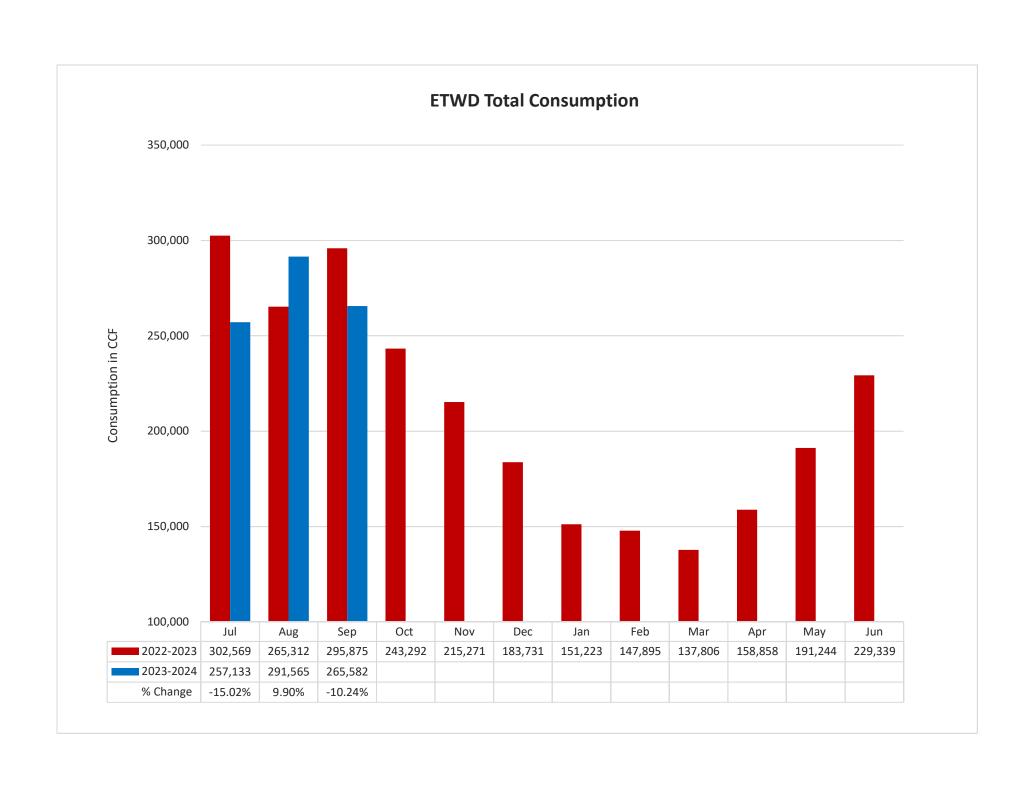


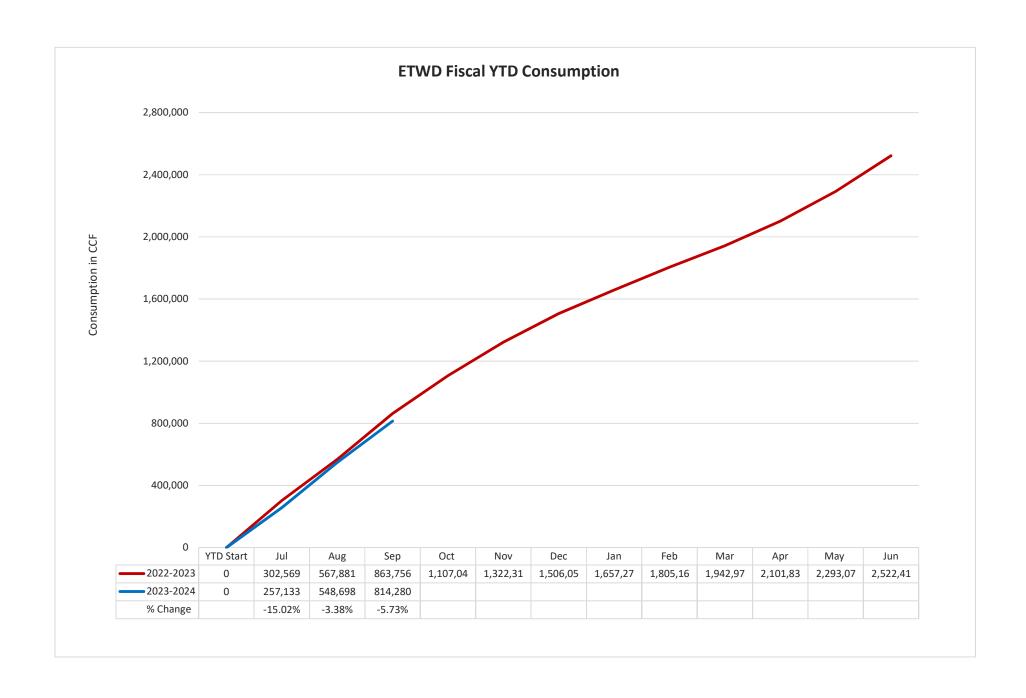


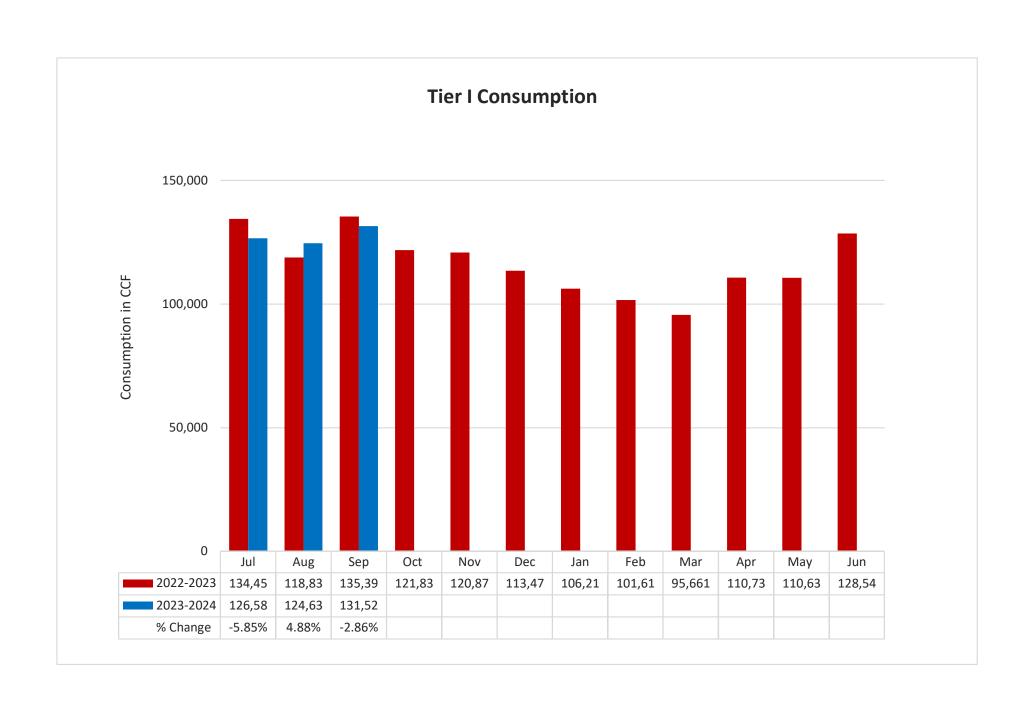


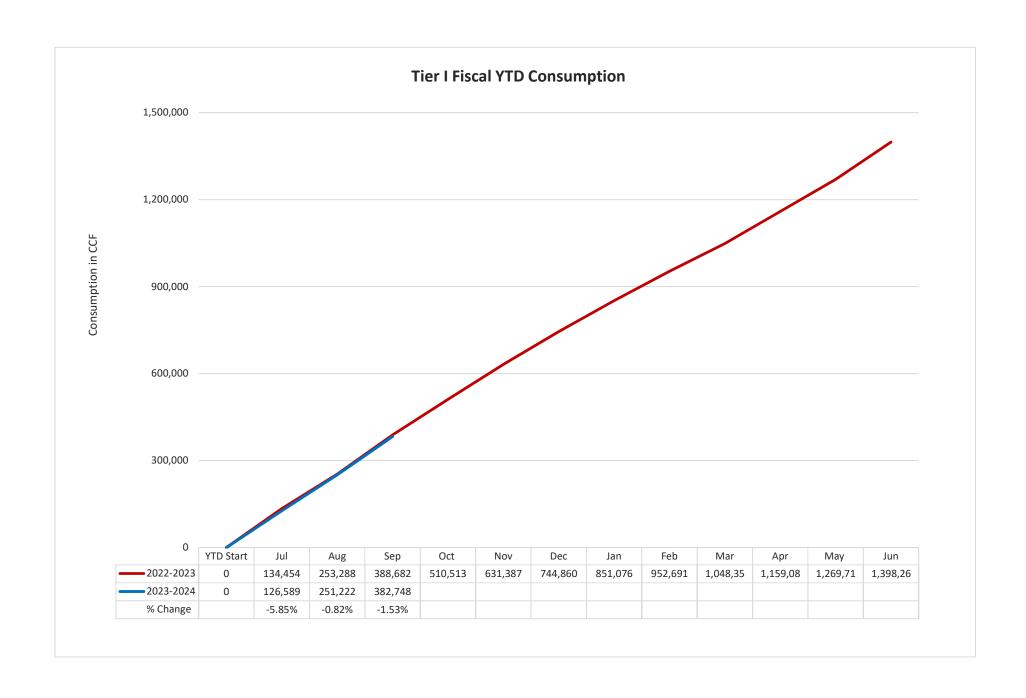


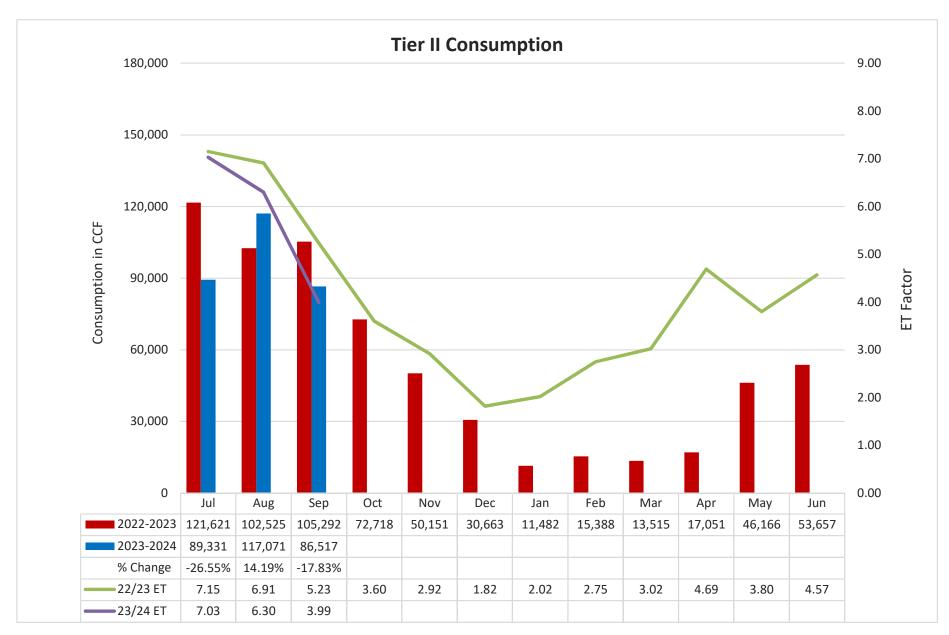




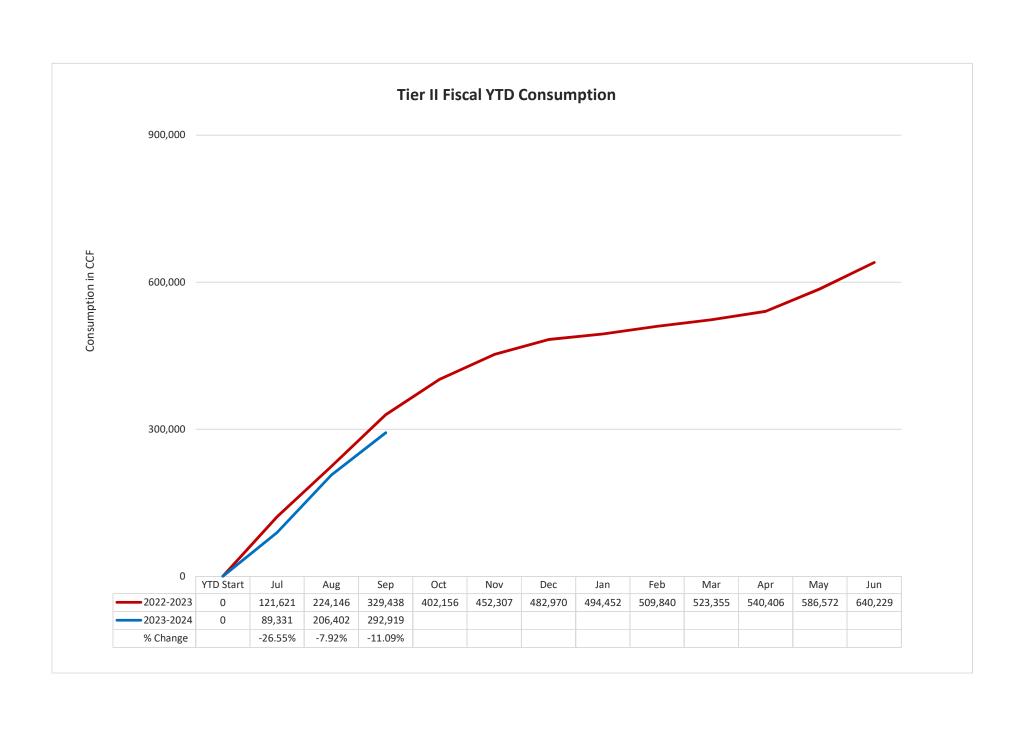


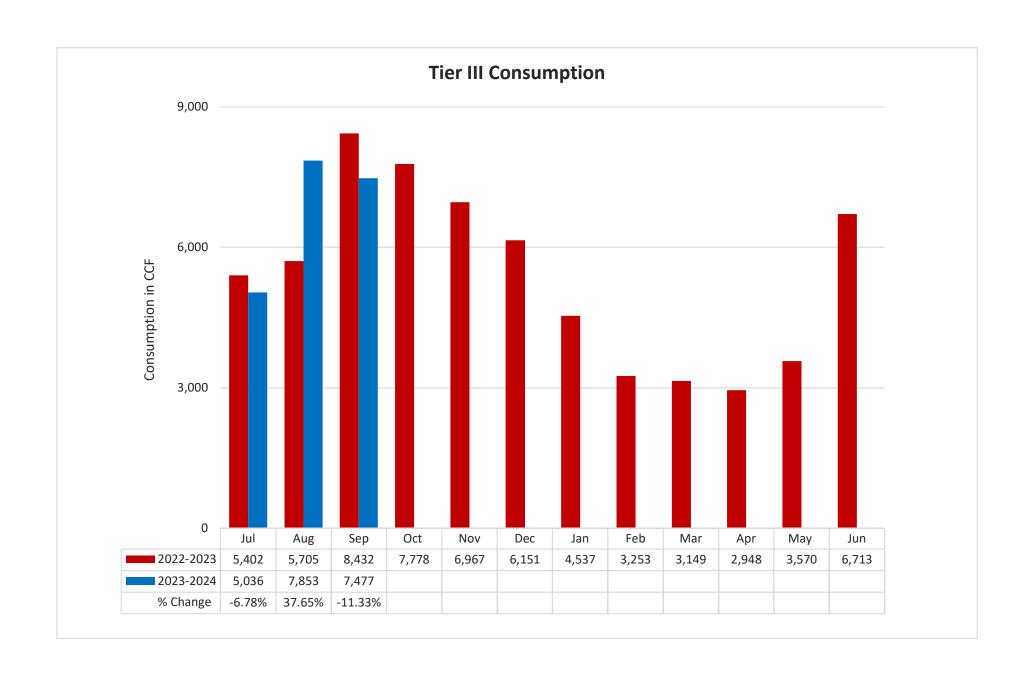


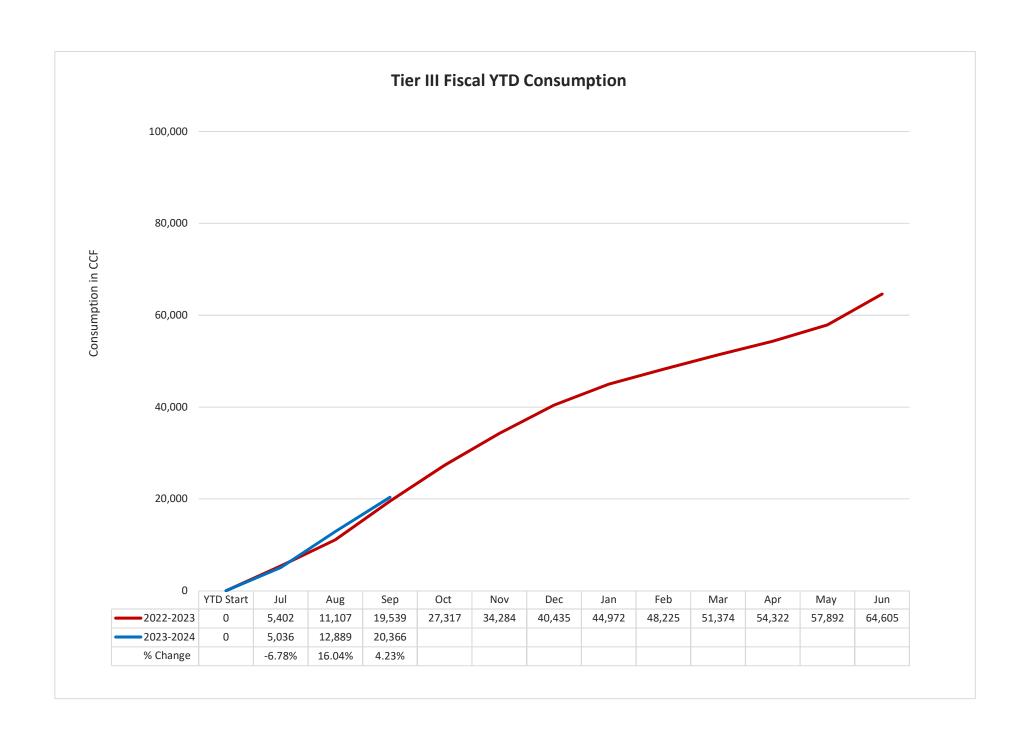


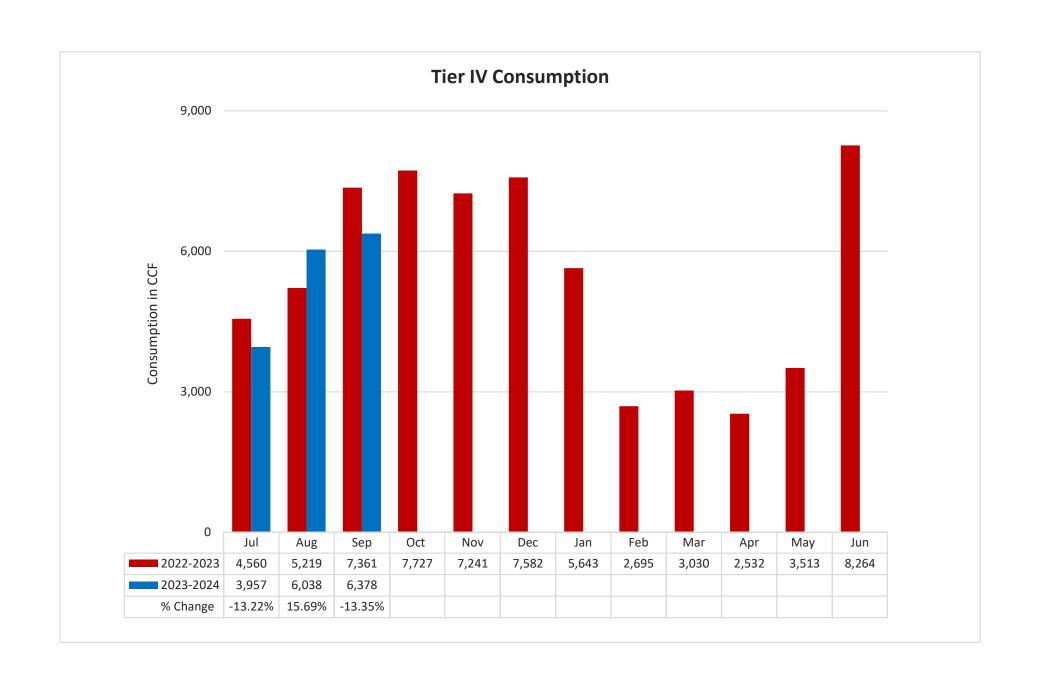


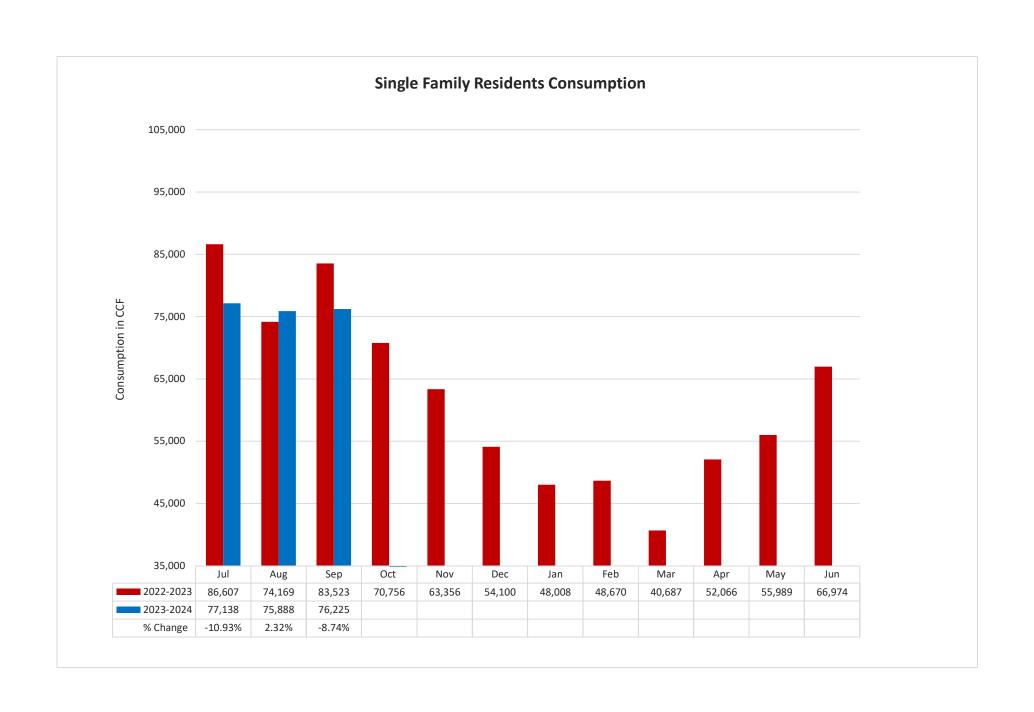
^{*}Impact of Tropical Storm Hilary that occured end of August 2023 is reflected in this billing cycle.

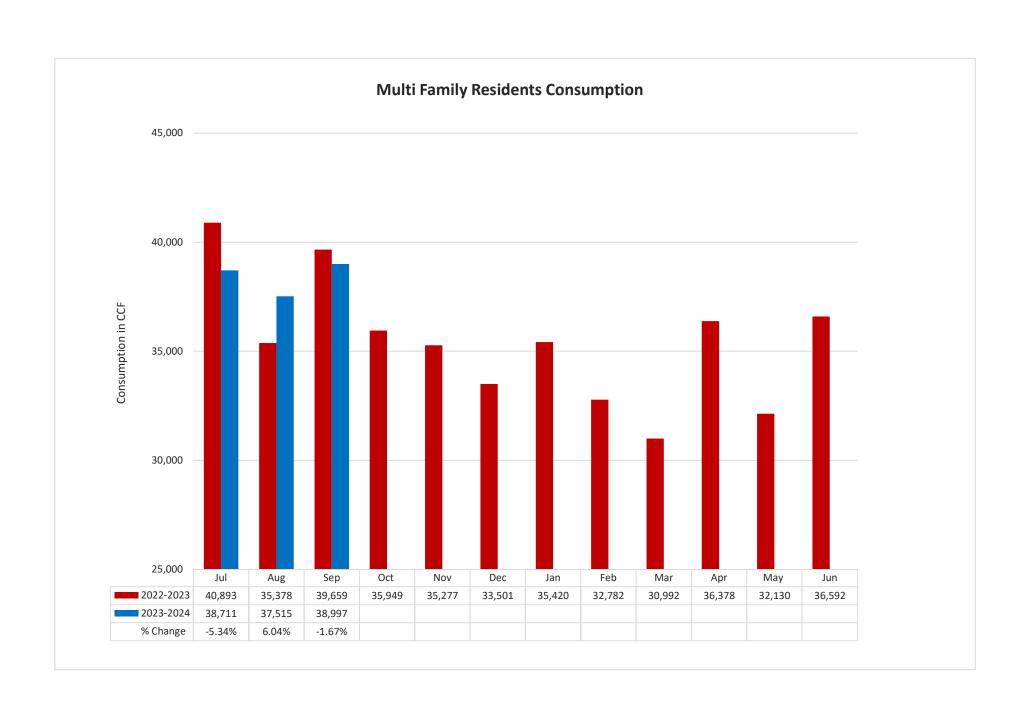


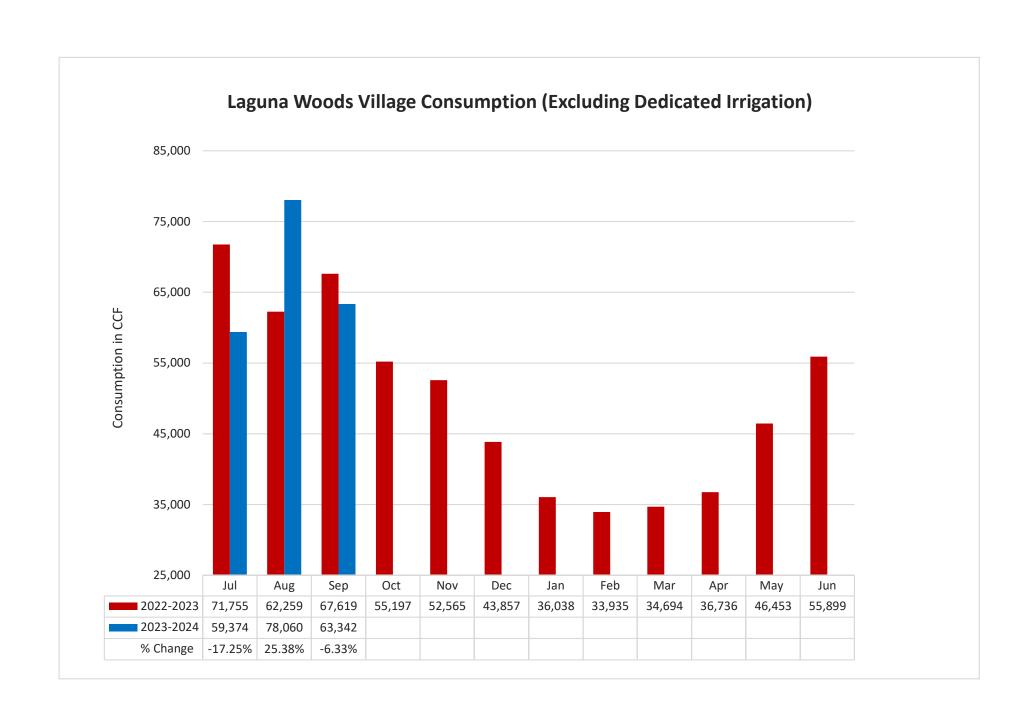


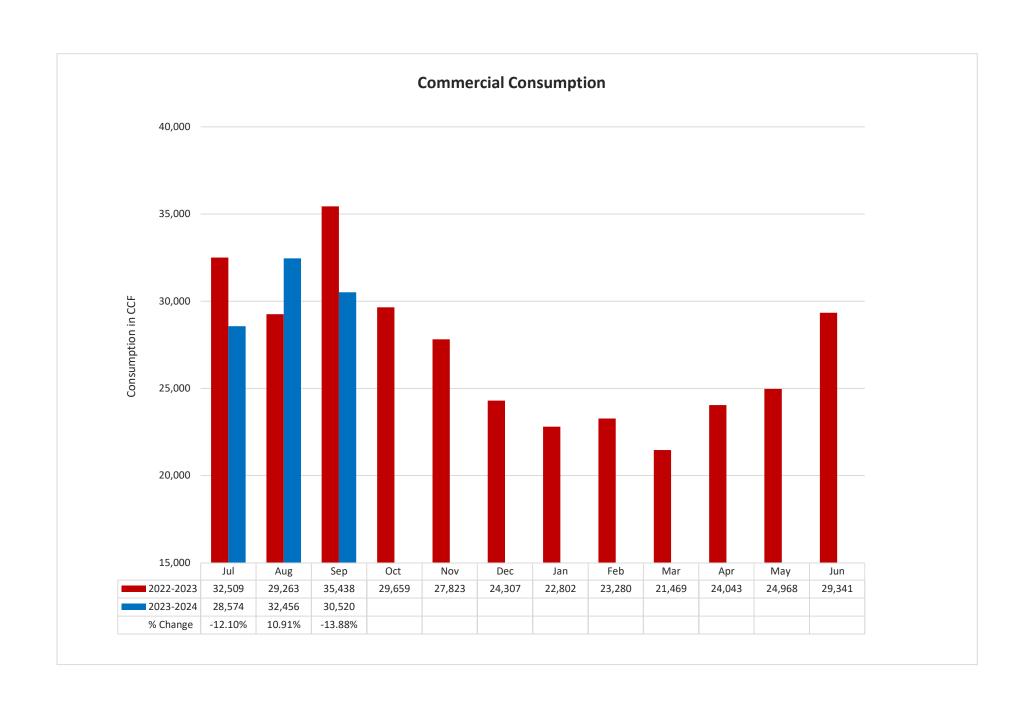


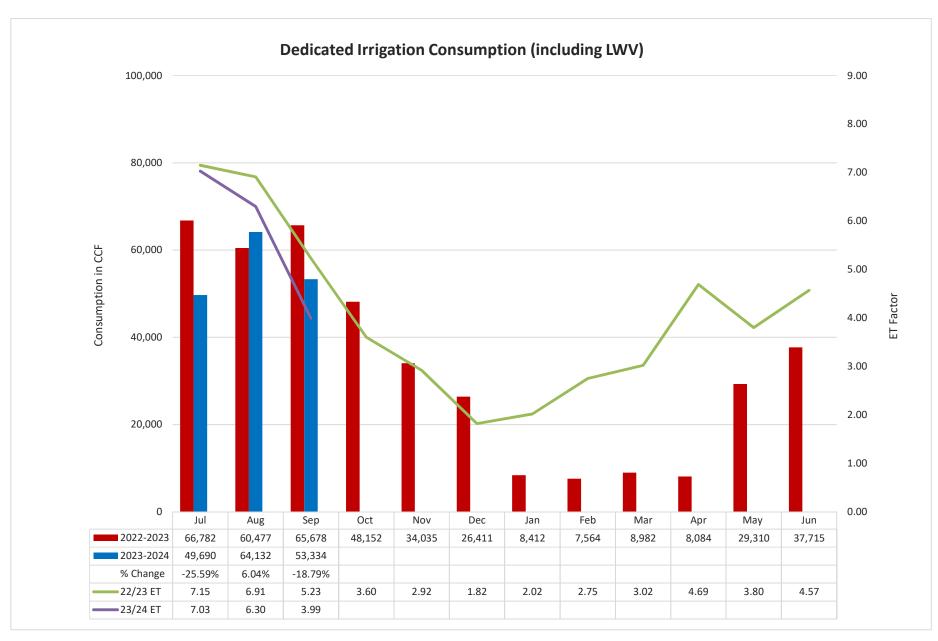




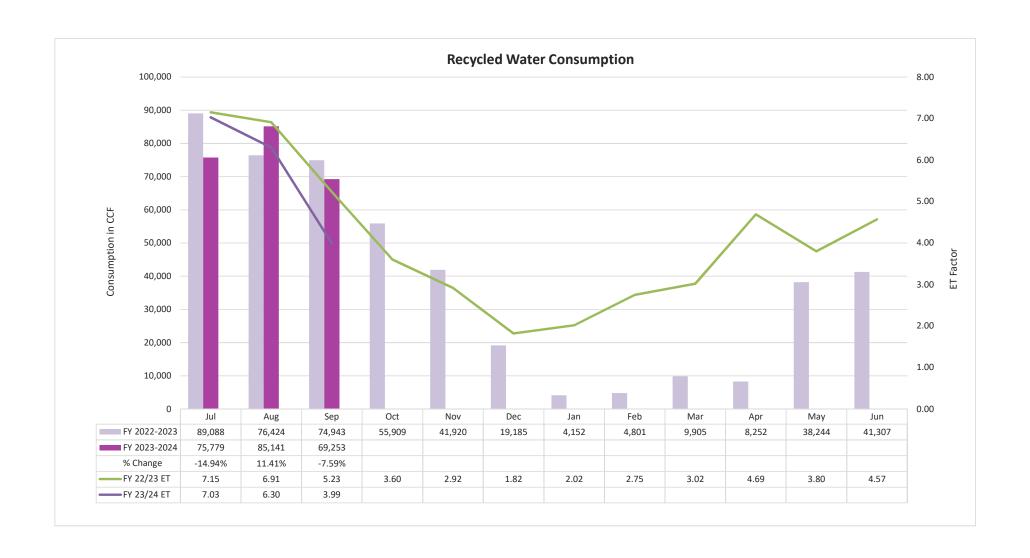


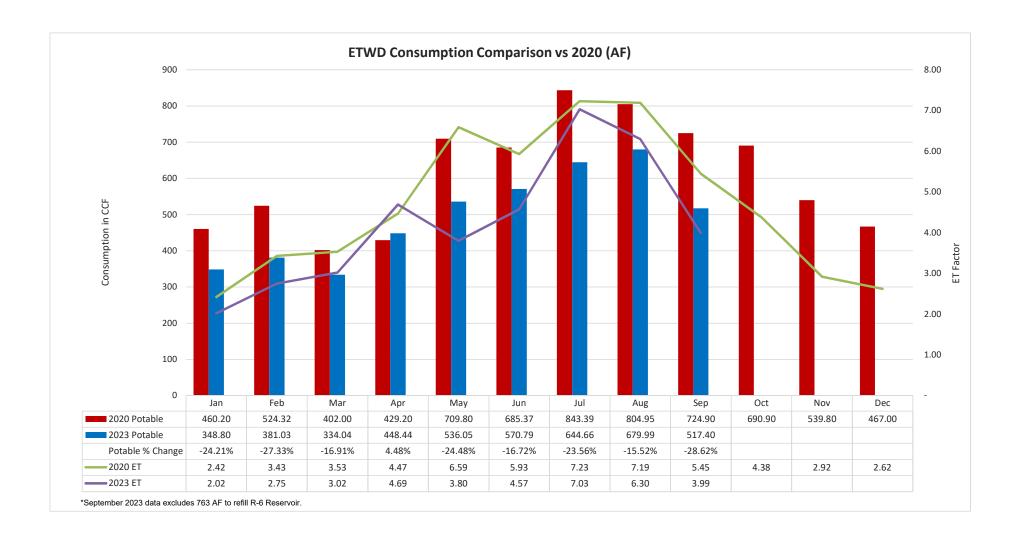


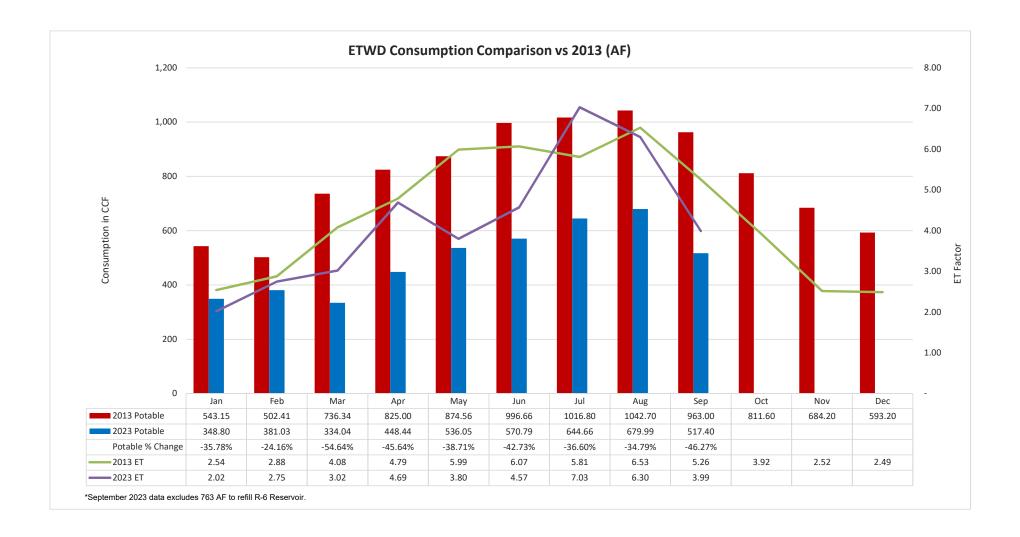




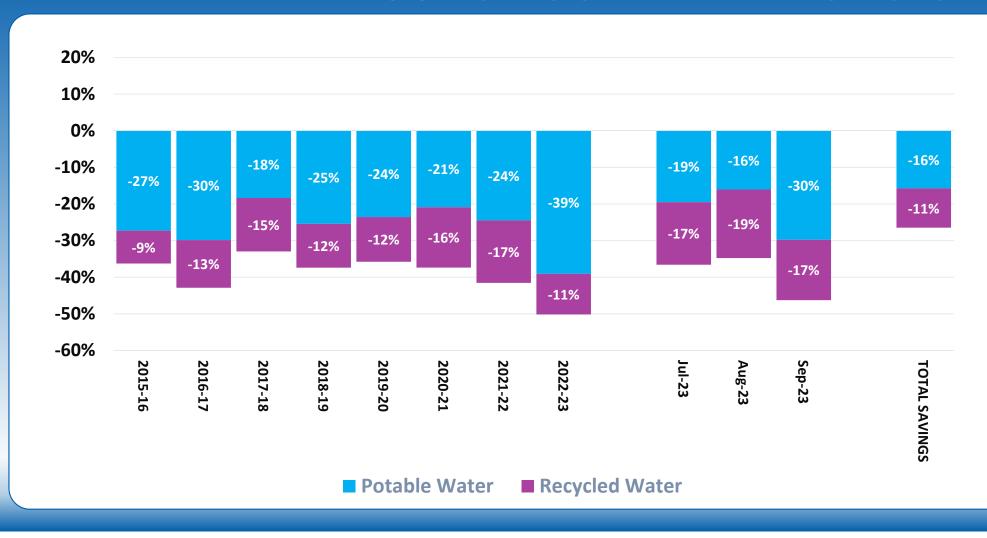
^{*}Impact of Tropical Storm Hilary that occured end of August 2023 is reflected in this billing cycle.







ETWD WATER USAGE COMPARED TO 2013



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

Danita Hirsh, Assistant Secretary SOCWA and the Board of Directors thereof

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

> > October 5, 2023 8:30 a.m.

PHYSICAL MEETING LOCATION: South Orange County Wastewater Authority 34156 Del Obispo Street Dana Point, CA 92629

THE BOARD OF DIRECTORS MEETING ROOM IS WHEELCHAIR ACCESSIBLE. 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 SUCH 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. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). 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. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK, ONCE THE MEETING HAS COMMENCED. THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

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 FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE BOARD OF DIRECTORS AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE THE CALL IN PHONE NUMBERS BELOW AND FOR VIDEO USE THE ZOOM LINK BELOW.

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

Meeting ID: 825 5659 9386 Passcode: 759774

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) Find your local number: https://socwa.zoom.us/u/krJP7x89i

<u>Agenda</u>

1.	CALL TO ORDER	
2.	PLEDGE OF ALLEGIANCE	
3.	ORAL COMMUNICATIONS	
	Members of the public may address the board regarding an item on the agenda or reserve this opportunity during the meeting at the time the item is discussed by the b There will be a three-minute limit for public comments.	
4.	APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION	
	ACTION Board Discussion/Direction and Action.	
5.	CONSENT CALENDAR	PAGE NO
	A. Minutes of Board of Directors	1
	 Board of Directors Meeting of September 7, 2023 	
	ACTION The Board will be requested to approve the subject Minutes.	
	B. Minutes of Engineering Committee	6
	Engineering Committee Meeting of August 10, 2023	
	ACTION The Board will be requested to receive and file the subject Minutes.	
	C. Minutes of Finance Committee	10
	 Finance Committee Meeting of June 20, 2023 	
	ACTION The Board will be requested to receive and file the subject Minutes.	
	D. Preliminary Financial Reports for the Month of June 2023 (Close of Fiscal Year) and Financial Report for the Month of July 2023	
	 June 2023 preliminary reports included are as follows: a. Budget vs. Actual Expenses (June 2023) Poperations and Environmental Summary (Exhibit E-1) Operations and Environmental by PC (E-1.2) Residual Engineering, after transfer to Capital (Exhibit E-2) Administration (Exhibit E-3) Information Technology (IT) (Exhibit E-4) Q4 Fringe Pool and Fringe Rate (Exhibit E-5) 	

<u>Agenda</u>

	a. Sur b. Sch c. Sc d. Cap	in property included are as follows: In mary of Disbursements for July 2023 (Exhibit A-1): In edule of Funds Available for Reinvestment (Exhibit B) Local Agency Investment Fund (LAIF) Inhedule of Cash and Investments (Exhibit C) In pital Schedule (Exhibit D) Capital Projects – Graph (Exhibit D-1) Idget vs. Actual Expenses: Operations and Environmental Summary (Exhibit E-1) Operations and Environmental by PC (E-1.2) Residual Engineering, after transfer to Capital (Exhibit E-2) Administration (Exhibit E-3) Information Technology (IT) (Exhibit E-4)	
	ACTION	The Finance Committee recommends that the Board of Directors (i) receive and file the June 2023 (Preliminary) Financial Reports, (ii) ratify the June disbursements for the period from June 1, 2023, through June 30, 2023, totaling \$2,041,032, and (iii) ratify the July 2023 disbursements for the period from July 1, 2023, through July 31, 2023, totaling \$3,348,611.	
E.	Operations Re	port (August)4	9
	 SOCW Quarte Beach Recycle 	y Operational Report A Ocean Outfall Discharges by Agency rly Report on Key Operational Expenses Ocean Monitoring Report ed Water Report atment Report (August)	
	ACTION	The Board will be requested to receive and file subject reports as submitted.	
F.	Capital Improv	rement Program Status Report (September)92	<u> </u>
	ACTION	Information item.	
G.		rement Construction Projects Progress and Change Order mber) [Project Committees 2, 15, 17, & 24]95	5
	ACTION	The Engineering Committee recommends that the PC 15 Board of Directors approve Change Order 1 for \$4,345 to DC Hubbs Construction for the CTP AWMA Guardrail Replacement project.	

Agenda

			<u>PAC</u>	<u>GE NO</u>
6.	<u>EN</u>	GINEERING	MATTERS	
	A.		nendment for Design of Effluent Transmission Main Air Valve nt Project [Project Committee 21]	110
		ACTION	The Engineering Committee recommends that the PC 21 Board of Directors approve the contract amendment to Tetra Tech for a total of \$55,200 for additional design services for the ETM Air Valve Replacement Project.	
	В.		ard for Engin\eering Services During Construction for Coastal Treatment Aeration Diffuser Replacement Project [Project Committee 15]	112
		ACTION	The Engineering Committee recommends to the Board of Directors approval of the contract to Hazen and Sawyer for a total of \$68,580 for Engineering Services During Construction for the CTP Aeration Diffuser Replacement Project.	
7.	<u>G</u>	ENERAL MAN	NAGER'S REPORT	
	A.		er District Water District Potable Reuse Strategic Plan Support for F Planning and Profect Design Grant Application for FY 2023-24	114
		ACTION	Staff recommends that the SOCWA Board to sign the letter in support of the ETWD grant application.	
	B.		chConnect Support Agreement Renewal (via OneSource Distributors 992.00 [Project Committees 2, 15, & 17]	116
		ACTION	Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to execute the Rockwell TechConnect Support Agreement with OneSource Distributors Inc. to renew SOCWA's SCADA system licenses in the amount of \$76,992.00.	
	C.	Discussion or	n the SCWD/SMWD Proposal Framework	
			5 Update (Dir. Dunbar) eering staffing discussion (Dir. Goldman)	
	А	CTION E	Board Discussion/Direction and Action.	

Agenda

8. CLOSED SESSION

ACTION

- A. Closed Session Conference with Legal Counsel Significant Exposure to Litigation (Gov. Code 54956.9(d)(2)) One potential case
- B. Report out of Closed Session

Information Item.

9. OTHER MATTERS

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

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING NOVEMBER 2, 2023

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

October 12, 2023 8:30 a.m.

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held on **October 12, 2023, at 8:30 a.m.** SOCWA staff will be present and conducting the meeting at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, 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 SUCH 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. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). 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. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME. THE ITEM YOU WISH TO SPEAK ABOUT. AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

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 FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE ENGINEERING COMMITTEE AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE THE CALL IN PHONE NUMBERS BELOW AND FOR VIDEO USE THE ZOOM LINK BELOW.

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

Meeting ID: 826 1000 5512 Passcode: 863335

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)

Find your local number: https://socwa.zoom.us/u/kdu2FoHrfJ

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.

	PAGE NO.
3.	Approval of Minutes
	Engineering Committee Minutes of September 14, 2023
	Recommended Action: Staff requests that the Engineering Committee approve subject Minutes as submitted.
4.	Operations Report5
	Recommended Action: Information Item.
5.	J.B. Latham Treatment Plant Package B Project Update [Project Committee 2]
	Recommended Action: Information Item.
6.	Capital Improvement Construction Projects Progress and Change Orders Report (October) [Project Committees 2, 15, 17, & 24]
	Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 2 Board of Directors approve Change Orders 73 through 80 for \$\$482,878.33 to Olsson Construction for the JBL Package B project.
7.	Contract Award for Coastal Treatment Plant (CTP) Diffuser Replacement Project [Project Committees 15]
	Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 15 Board of Directors award the contract to Filanc in the amount of \$1,022,250 for the CTP Aeration Diffuser Replacement Project with a contingency of \$122,000.

	<u>P</u>	AGE NO.
8.	Contract Award for J.B. Latham Treatment Plant (JBL) Centrate Line Upgrades Project [Project Committees 2]	20
	Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 2 Board of Directors award the contract to SS Mechanical in the amount of \$148,455 for the JBL Centrate Line Upgrades Project with a contingency of \$14,850.	
9.	Effluent Transmission Main Trail Bridge Crossing Project Update [Project Committees 21, Reach D]	22
	Recommended Action: Staff requests that the Engineering Committee recommend that the PC-21 Reach D Board of Directors approve the Tetra Tech Amendment No. 3 in the amount of \$53,571 for a total revised contract amount of \$557,138 for the final design of the Effluent Transmission Main Trail Bridge Crossing Project.	<u> </u>
10	. Regional Treatment Plant Standby Generator Study [Project Committees 17]	28
	Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 17 Board of Directors provide direction on moving forward with the MCC replacement design.	

<u>Adjournment</u>

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 72 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 72 hours prior to the time of the above-referenced Engineering Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 5th day of October 2023.

Danita Hirsh, Assistant Secretary

SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

Jointly with the

PLANNING & OPERATIONS COMMITTEE

October 2, 2023, 8:30 a.m.

This meeting will be held in person at 18700 Ward Street, Fountain Valley, California, 92708 (Conference Room 101). As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

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

https://zoom.us/j/8828665300

Telephone Audio: (669) 900 9128 fees may apply

(877) 853 5247 Toll-free

Webinar ID: 882 866 5300#

P&O Committee:
Director McVicker, Chair
Director Nederhood
Director Seckel

Staff: H.De La Torre, J. Berg, V. Osborn, T. Dubuque, D. Micalizzi, H. Baez, M. Baum-Haley, C. Busslinger,

T. Baca

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.

ACTION ITEMS

LETTER OF INTENT – WEROC EMERGENCY OPERATIONS CENTER

DISCUSSION ITEM

MWDOC LEGISLATIVE POLICY PRINCIPLES ANNUAL UPDATE

- INFORMATION REGARDING RECENT ORANGE COUNTY NITRIFICATION EVENT
- 4. WATER USE EFFICIENCY POTENTIAL AND OPPORTUNITIES STUDY RESULTS

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

- 5. 2023 OC WATER SUMMIT UPDATE
- PUBLIC AFFAIRS HIGHLIGHTS
- MWDOC K-12 CHOICE SCHOOL PROGRAMS UPDATE
- 8. DEPARTMENT ACTIVITIES REPORTS
 - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
 - b. WEROC
 - c. Water Use Efficiency Projects
 - d. Public and Government Affairs
- 9. REVIEW OF ISSUES RELATED TO PLANNING OR ENGINEERING PROJECTS, WEROC, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, PUBLIC AFFAIRS PROGRAMS AND EVENTS, PUBLIC INFORMATION PROJECTS, PUBLIC INFORMATION CONSULTANTS, DISTRICT FACILITIES, and MEMBER-AGENCY RELATIONS

ADJOURNMENT

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

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

WORKSHOP MEETING OF THE BOARD OF DIRECTORS WITH MET DIRECTORS MUNICIPAL WATER DISTRICT OF ORANGE COUNTY 18700 Ward Street, Conference Room 101, Fountain Valley, California October 4, 2023, 8:30 a.m.

This meeting will be held in person at 18700 Ward Street, Fountain Valley, California, 92708 (Conference Room 101). As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

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

https://zoom.us/j/8828665300

Telephone Audio: (669) 900 9128 fees may apply

(877) 853 5247 Toll-free Webinar ID: 882 866 5300#

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC PARTICIPATION/COMMENTS

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

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

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

NEXT RESOLUTION NO. 2143

PRESENTATION/DISCUSSION ITEMS

1. PRESENTATION ON THE COLORADO RIVER BASIN SALINITY CONTROL FORUM BY EXECUTIVE DIRECTOR DON BARNETT

Recommendation: Review and discuss the information presented.

2. LEGISLATIVE ACTIVITIES

- a. Federal Legislative Report (NRR)
- b. State Legislative Report (SDA)
- c. Legal and Regulatory Report (Ackerman)
- d. County Legislative Report (Whittingham)
- e. MWDOC Legislative Matrix
- f. Metropolitan Legislative Matrix

Recommendation: Review and discuss the information presented.

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

Recommendation: Receive input and discuss the information presented.

ACTION ITEMS

4. S. 2514 (BENNET, D-CO) - COLORADO RIVER BASIN SALINITY CONTROL ACT

Recommendation: Vote to adopt a support position on S. 2514 (Bennet, D-CO).

INFORMATION ITEMS

- **MET ITEMS CRITICAL TO ORANGE COUNTY** (The following items are for informational purposes only a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director).
 - a. MET's Finance and Rate Issues
 - b. MET's Water Supply Condition Update
 - c. Water Quality Update
 - d. Colorado River Issues
 - e. Delta Conveyance Activities and State Water Project Issues

Recommendation: Review and discuss the information presented.

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

- a. Summary regarding September MET Board Meeting
- b. MET 4-Month Outlook on Upcoming Issues (tentative)
- c. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

ADJOURNMENT

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

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

Jointly with the

ADMINISTRATION & FINANCE COMMITTEE

October 11, 2023, 8:30 a.m.

Teleconference Site: 1620 NW Mulholland Drive Roseburg, OR 97470

Director McVicker will participate from the teleconference location.

Members of the public may attend and participate in the meeting at both in-person locations.

This meeting will be held in person at 18700 Ward Street, Fountain Valley, California, 92708 (Conference Room 101). As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

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:Staff: H. De La Torre, C. Harris,Director Dick, ChairH. Chumpitazi, M. Baum-Haley,Director ThomasK. Davanaugh

Director Crane

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.

PRESENTATION ITEMS

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

SUMMARY OF ORANGE COUNTY FY 2022-23 IMPORTED WATER SALES

PROPOSED BOARD CONSENT CALENDAR ITEMS

- 3. TREASURER'S REPORT
 - a. Revenue/Cash Receipt Report September 2023
 - b. Disbursement Approval Report for the month of October 2023
 - c. Disbursement Ratification Report for the month of September 2023
 - d. GM Approved Disbursement Report for the month of September 2023
 - e. Consolidated Summary of Cash and Investment August 2023
 - f. OPEB and Pension Trust Fund statement
- 4. FINANCIAL REPORT Combined Financial Statements and Budget Comparative for the Period Ending August 31, 2023

ACTION ITEMS

5. AWARD OF CONTRACT FOR DISTRICT CLASSIFICATION AND BENEFITS STUDY

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.)

- INDIVIDUAL CHARGES DISCLOSURE REPORT
- 7. DISPOSAL OF FIXED ASSETS
- 8. CALPERS ANNUAL VALUATION REPORT AS OF JUNE 30, 2022
- DEPARTMENT ACTIVITIES REPORTS
 - a. Administration
 - b. Finance and Information Technology
- 10. MONTHLY WATER USAGE DATA AND WATER SUPPLY INFORMATION

OTHER ITEMS

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

ADJOURNMENT

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

Accommodations for the <u>Disabled.</u> 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.

3

REGULAR MEETING OF THE BOARD OF DIRECTORS MUNICIPAL WATER DISTRICT OF ORANGE COUNTY 18700 Ward Street, Board Room, Fountain Valley, California October 18, 2023, 8:30 a.m.

This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

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.

NEXT RESOLUTION NO. 2143

CONSENT CALENDAR (Items 1 to 6)

(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. September 6, 2023 Workshop Board Meeting
- b. September 20, 2023 Regular Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: September 5, 2023
- b. Administration & Finance Committee Meeting: September 13, 2023
- c. Executive Committee Meeting: September 21, 2023

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of September 30, 2023
- b. Disbursement Registers (September/October)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of August 31, 2023
- 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 August 31, 2023

Recommendation: Receive and file as presented.

5. AWARD OF CONTRACT FOR DISTRICT CLASSIFICATION AND BENEFITS STUDY

Recommendation: Authorize the Interim General Manager to enter into a

professional services contract with Ralph Andersen and Associates to conduct the Classification and Benefits

Study, in the amount of \$42,800.

6. LETTER OF INTENT – WEROC EMERGENCY OPERATIONS CENTER

Recommendation: Approve the Letter of Intent with the Moulton Niguel

Water District, subject to non-substantive changes approved by legal counsel and; authorize the Interim General Manager to execute the Letter of Intent.

End Consent Calendar

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

7. GENERAL MANAGER'S REPORT, OCTOBER (ORAL AND WRITTEN)

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

8. 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.



GENERAL MANAGER REPORT OF STAFF ACTIVITIES

October 2023

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

MEMBER AGENCY MANAGERS MEETING

The Member Agency Managers Meeting scheduled for September 21, 2023, was canceled.

Next meeting is tentatively scheduled for October 19, 2023.

ENGINEERING & PLANNING

LEAD AND COPPER RULE REVISIONS – LEAD SERVICE LINE INVENTORY CHOICE PROGRAM

In mid-March 2023, multiple agencies requested MWDOC's assistance in complying with US EPA Lead and Copper Rule Revisions (LCRR) - Service Line Inventories, which all water systems are required to complete and submit to the primacy agency (for California, it is the State Water Boards) by October 16, 2024.

On May 24, 2023, MWDOC hosted an initial meeting with (18) OC agencies and the State Division of Drinking Water staff regarding the LCRR – Lead Service Line Inventory compliance requirements.

On June 19, 2023, MWDOC posted an RFP for technical assistance with multiple agencies' service line inventories and received five (5) proposals. The MWDOC Board approved a contract award to Hazen and Sawyer (Hazen) on September 20, 2023.

MWDOC staff have been hosting one-on-one meetings with interested agencies to answer agency-specific questions related to the LCRR compliance approach, costs, and data needs to help agencies navigate the process.

To date, the program has 13 Participating Agencies who are in the process of selecting program services. MWDOC staff and Hazen will meet with each agency to finalize their program services selections. This will provide the Scope of Work and pricing agencies can take to their governing body for approval.

The project is scheduled to begin issuing Notices to Proceed on a first-come, first-served basis in October 2023.

MNWD PUMP-IN TO EOCF #2 TECHNICAL STUDY

MWDOC continues to support MNWD's technical study of a potential pump-in project to East OC Feeder #2 from the City of Santa Ana's East Station. MWDOC has hosted multiple meetings with staff from MET's Water Quality, Operations, and Engineering Groups, Moulton Niguel Water District (MNWD), City of Santa Ana, OCWD, and MNWD's consultant Brown & Caldwell.

MWDOC will host a 4th technical meeting on October 16, 2023, between MET staff, MWDOC, MNWD, and consultant Brown & Caldwell.

DOHENY OCEAN DESALINATION PROJECT

South Coast Water District (SCWD) continues to develop the Doheny Ocean Desalination Project. SCWD estimates an online date of 2028 if approved by the SCWD Board.

At the SCWD Board Meeting on June 22, 2023, Clean Energy Capital (CEC) provided an update on the financial implications of the project. CEC presented updated cost projections for a 5 MGD project where SCWD would take 2 MGD.

The updated estimated 1st-year water cost is \$2,597/AF (in 2028\$) or \$2,058/AF (discounted to 2023\$), which is a \$469/AF increase vs. CEC's 2021 estimate. The increase is largely driven by increases in energy costs (with energy costs making up 60% of the overall cost increase).

SCWD Unit Cost of Water (\$/AF)

MWDOC Average of High and Low	\$2,100
5 MGD Plant	\$2,701
Difference	\$ 601
SCWD Residential Average Monthly Cost	
No Desal	\$141.63
With 5 MGD Plant	\$145.64
Difference	\$4.01
CEC estimates of Construction Costs:	
Escalated to a Feb 1, 2025, construction start date	\$137,642,914
Total Grants	(\$ 30,423,241)1
Total Development & Financing Costs	<u>\$ 30,685,350</u>
Total Capitalized Costs	\$137,905,023

SCWD Staff Report is located here:

https://scwd.granicus.com/MetaViewer.php?view id=3&clip id=2790&meta id=180312

CEC Presentation slides are located here:

https://scwd.granicus.com/MetaViewer.php?view id=3&clip id=2790&meta id=180313

On July 27, 2023, SCWD released the Request for Qualifications for the Progressive Design Build Operate and Maintain (DBOM) Project and has received several proposals.

¹As of September 2023, SCWD has secured \$32.4M in grant funding for the Project, including \$10M from the California Department of Water Resources Desalination Construction Grant, \$20M from the U.S. Bureau of Reclamation Water Infrastructure Improvement for the Nation (WIN) Act Grant, and \$2.4M from the U.S. Environmental Protection Agency Grant.

SHUTDOWNS

R6 Reservoir Rehabilitation

El Toro Water District (ETWD) shut down the 275-million-gallon R6 Reservoir to replace the aging reservoir liner and cover in November 2022. ETWD started refilling the R6 Reservoir on September 11, 2023, and is on track to complete the refill and return to service by October 6, 2023. MWDOC has been coordinating with MET and the South Orange County agencies to return R6 to service in time for the AMP Prestressed Concrete Cylinder Pipe (PCCP) Inspection shutdown scheduled for October 29 through November 4, 2023.

AMP Prestressed Concrete Cylinder Pipe (PCCP) Inspection

MWDOC coordinated with ETWD, MET, and the SOC agencies to move the scheduled shutdown of the AMP down-gradient of OC-70 to October 29 through November 4, 2023, to accommodate the R6 reservoir return to service. R6 is needed to support SOC agencies during the AMP Shutdown.

MET is conducting a periodic inspection of the PCCP sections of the AMP to monitor the condition of the high tensile strength prestressed structural steel wire in the pipe. A rehabilitation project for the AMP to add a structural steel liner to the PCCP sections of the pipeline is currently in design with an estimated start date of late 2027, which will require a series of shutdowns over a 2–3-year period.

Diemer Water Treatment Plant

MET has scheduled a 7-day shutdown of the Diemer WTP to repair a broken chlorine solution line from January 5-11, 2024. Finding a suitable window for this shutdown presented challenges due to numerous maintenance shutdowns by MET and retail agencies and fire danger concerns.

During the Diemer shutdown, the following pipelines will be down for repairs:

- Allen-McColloch Pipeline
- East Orange County Feeder No.1
- East Orange County Feeder No.2
- Lower Feeder Treated and Untreated
- Second Lower Feeder (portions)

EMERGENCY PREPAREDNESS

SEPTEMBER INCIDENTS/EVENTS

• No Significant Events to Report

Vicki can provide additional information on this event as warranted.

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

- On 9/5, Vicki conducted the monthly coordination/information call with member agencies.
- On 9/6, Vicki attended the IRWD TTX Exercise After Action Report meeting.
- On 9/7, Janine attended the Orange County Emergency Management Organization (OCEMO) meeting at the Health Care Agency Warehouse. Presentations included an overview of the Medical/Health Operational Area Coordination (MHOAC) Program, an overview of the planned revision cycle for the Unified County of Orange and Orange County Operational Area Emergency Operations Plan, and the Orange County Operational Area Recovery Plan.
- On 9/8, Vicki gave her monthly update to the WACO meeting.
- On 9/11, Vicki attended the California Office of Emergency Services, Emergency Management Mutual Aid SEMS Technical Subcommittee, where Vicki represents Region One.
- On 9/12, Janine attended the USACE Fullerton and Carbon Canyon Dam Workshop training.
- On 9/14, Vicki attended the FEMA DEI & Mitigation Webinar held virtually.
- On 9/18, Vicki attended the Southern California Roadside Ignition meeting with Alex H and MET.
- On 9/21, Vicki attended the OCEMO Leadership monthly meeting to coordinate the activities for the rest of 2023.
- On 9/22, Vicki participated in a planning meeting, where she was asked to sit on a presentation panel regarding emergency management and water planning. The date of this presentation has not been finalized at this time.
- On 9/22, Vicki attended the monthly CESA State Board meeting in which she is still a member at large for the southern region.
- On 9/26, Vicki attended the first MET Member Agency Emergency Coordinator Meeting. The meeting discusses communications and coordination and future exercises.

PLANNING AND PROGRAM EFFORTS

EOC Readiness & EOC Project

WEROC EOC Project - Refer to Action item #1 on the October P&O Committee Meeting, Agenda.

Contact lists and SOPs are being updated to reflect current changes to phone numbers and personnel changes.

IT & Cyber Security

WEROC continues to send out important information to the Cyber Security Distribution Group as received from DHS or the OCIAC.

On September 19th, WEROC hosted the Cyber Security Working Group meeting. Fifty-four people attended to hear briefings by the FBI, CISA, and OCIAC. Presentations included the Discovery Bay Water Facility Attack, an AI overview, and an overview of current threats and IT Information presented to the group/

Member Agency and County/Operational Area Plan Review

Vicki reviewed or revised the following plans this month:

- SCWD Palisades Dam Emergency Response Plan (CalOES has returned the plan requesting additional information. A meeting is being scheduled at the beginning of October to discuss the change requests.) Vicki is assisting with crafting the dam language needed for the plan.
- Orange County Operational Area Recovery Plan
- Unified County of Orange and Orange County Operational Area Emergency Operations Plan
- California Office of Emergency Services Emergency Management Mutual Aid Plan and Training Guidance.

Regional Fuel Project

Vicki has been conducting research and collecting data from member agencies. The requested deadline for information was August 31st, in which 2/3rds have responded.

Regional Mapping Project

Janine continues to work on a revision of the 2017 WEROC Map Atlas and Public Safety Power Shut (PSPS) Off map updates. MWDOC Engineering has been assisting with the collaboration with CDR and providing input to the project.

Resource Requests and Member Agency Inventory Lists

Janine has collected this information from each agency and is finishing correlating the information received.

State Preparedness Report and Threat and Hazard Identification and Risk Assessment (THIRA)

WEROC will be attending UASI meetings for the preparation of the annual State Preparedness Report required each year.

- October 10, 2023, Emergency Management Session #1
- October 17, 2023, Emergency Management Session #2

Participation in the SPR workshop is vital in identifying gaps in training, exercises, equipment, etc. The workshops assist the Anaheim-Santa Ana UASI in assessing the information and allocating funds to address gaps in critical areas.

Training and Exercises

On 9/18, Vicki conducted a virtual 800Mhz training for the WEROC Member agencies.

On 9/19, Vicki conducted an ICS 100/700 and Standardized Emergency Management System (SEMS) training for the upper management at SMWD.

Vicki attended an ICS 300 course September 13-19. Vicki needs to update her training certification for ICS 300, ICS 400, and G191 ICP/EOC Interface. So, she can continue to teach and provide free training to water agencies.

Vicki created a Workshop/Tabletop Exercise (TTX) Situation Manual for SCWD to be delivered on two different days, October 26th & November 2nd. Vicki will be facilitating this TTX on behalf of the agency.

WEROC Planning Efforts in the Development Stage

- Regional Water Distribution Plan
- WEROC Logistics Plan
- Regional Fuel Plan

MET ITEMS CRITICAL TO ORANGE COUNTY

MET FINANCE AND RATE ISSUES

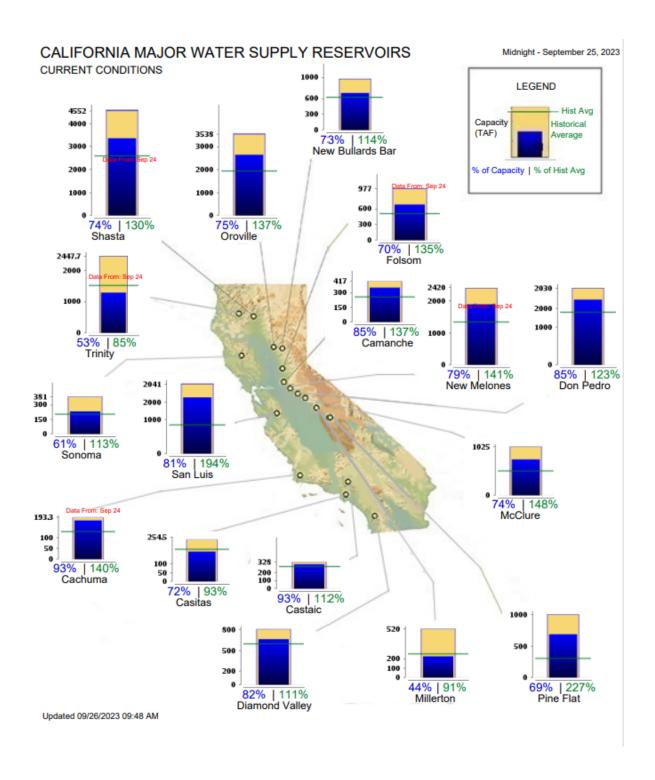
Water Transactions for July 2023 (for water delivered in May 2023) totaled 93.4 thousand acre-feet (TAF), which was 31.3 TAF lower than the budget of 124.7 TAF and translates to \$95.4 million in receipts for July 2023, which was \$27.4 million lower than the budget of \$122.8 million.

MET'S SUPPLY CONDITION UPDATE

The 2022-23 Water Year (2022-23 WY) officially started on October 1, 2022. Thus far, Northern California accumulated precipitation (8-Station Index) reported *66.0. inches or* 132% of normal as of September 25th. The Northern Sierra Snow Water Equivalent peaked at 59.1 inches on April 9th, which is 215% of normal for that day. Due to the barrage of atmospheric rivers in January and March, the Department of Water Resources (DWR) has increased the State Water Project (SWP) "Table A" allocation to 100%. This allocation provides Metropolitan with approximately 1,911,500 AF in SWP deliveries this water year. In Addition, Article 21 supplies (approximately 148,000 AF) were made to SWP contractors on March 24th, 2023. DWR's SWP Allocation considers several factors, including existing storage in SWP, conservation reservoirs, SWP operational, regulatory constraints, and the 2023 contractor demands. Metropolitan also received 134,000 AF for Human Health and Safety Supply in CY 2022.

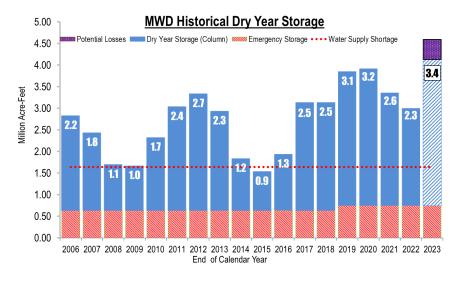
The Upper Colorado River Basin accumulated precipitation is reporting 33.9 inches or 114% of normal as of September 25th. On the Colorado River system, snowpack is measured across four states in the Upper Colorado River Basin. The Upper Colorado River Basin Snow Water Equivalent peaked at 26.2 inches as of April 10th, which is 131% of normal for that day. Due to the below-average inflows into Lake Powell over the past several years, the United States Bureau of Reclamation declared a shortage at Lake Mead that has been ongoing since January 1st, 2022. As of September, there is a 100% chance of shortage continuing in CY 2024 and a 20% chance that Metropolitan will see a 195,000 AF reduction in Colorado River water supplies in CY 2026.

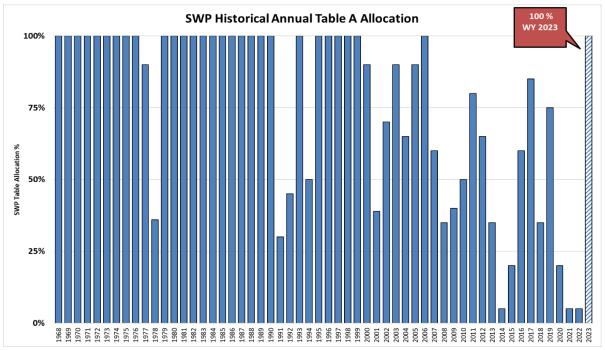
As of September 25^{th,} Lake Oroville storage is at **75% of total capacity and 137% of normal.** As of September 25^{th,} San Luis Reservoir has a current volume of **81% of the reservoir's total capacity and is <u>194% of normal.</u>**



With CY 2023 estimated total demands and losses of 1.54 million acre-feet (MAF) and with a 100% SWP Table A Allocation, Metropolitan is projecting that supplies will exceed demand levels in Calendar Year (CY) 2023. Based on this, Metropolitan's estimated dry-year storage at the end of **CY 2023 will increase to approximately 3.4 MAF.**

A projected dry-year storage supply of 3.4 MAF would be the highest level in MWD History. Unfortunately, due to the 100% SWP Table A Allocation, there is potential that MWD will not be able to store approximately 457 TAF. A large factor in maintaining a high-water storage level is lower than expected water demands. We are seeing regional water demands reaching a 40-year low. However, with a majority of MWD's water supplies stored in Lake Mead and still a 5-year shortage projection at Lake Mead, there remains a lot of uncertainty about where supply balances will be in the future.





MET'S WATER QUALITY UPDATE

Water System Operations

Metropolitan member agency water deliveries were 109,700 acre-feet (AF) for August, with an average of 3,500 AF per day, which was about 100 AF per day lower than in July. In addition, Metropolitan delivered 17,700 AF to Cyclic and Conjunctive Use Programs. Treated water deliveries were similar to those in July for a total of 69,600 AF, or 54 percent of total deliveries for the month. The Colorado River Aqueduct (CRA) pumped a total of 60,000 AF in August. CRA deliveries were lower this month due to the Hurricane Hilary storm event. Metropolitan temporarily reduced pumps on the CRA from five to three pumps because of reduced demands during this event. State Water Project (SWP) imports averaged 4,400 AF per day, totaling about 137,700 AF for the month. The target SWP blend is around 75 percent for the Weymouth and Diemer plants and 55 percent for the Skinner plant.

Water Treatment and Distribution

The State Water Project (SWP) target blend entered the Weymouth and Diemer plants at 75 to 80 percent in August. The Mills plant continued to receive a blend of water from Silverwood Lake and Lake Perris in August due to low alkalinity in the East Branch SWP. The SWP target entering Lake Skinner fluctuated to accommodate multiple operational needs and to maximize water delivery from the SWP. The SWP blend leaving Lake Skinner was relatively stable, at about 50 percent.

Flow-weighted running annual averages for total dissolved solids from July 2022 through June 2023 for Metropolitan's treatment plants capable of receiving a blend of supplies from the SWP and the Colorado River Aqueduct were 523, 535, and 608 mg/L for the Weymouth, Diemer, and Skinner plants, respectively.

Elevated nitrite levels at multiple locations demonstrated that nitrification occurred in parts of the distribution system, specifically in the West Basin service area, the Oak Street PCS, the Second Lower Feeder area, and the Orange County area. Operational changes to control nitrification and improve water quality in the affected areas included increased monitoring of nitrite and chlorine residuals, modifying operations to increase flow in the impacted parts of the system, increasing plant effluent pH at some of the treatment plants, and extensive flushing of the distribution system at multiple locations. Metropolitan staff met with impacted Member Agencies to discuss monitoring results and operational strategies for improving water quality.

Metropolitan staff is performing repair work on the west backwash piping at the Diemer plant. The backwash piping was damaged in May 2022 by a backwash valve failure. The failure resulted in water flooding the filter gallery, forcing the plant to operate with a reduced capacity. The Diemer plant can return to full capacity upon completion of the repair work.

Future Legislation and Regulation

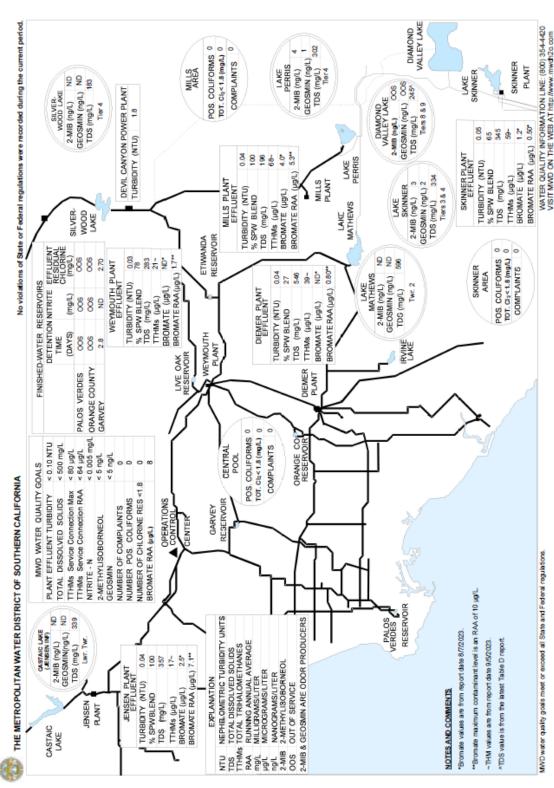
On July 28, Metropolitan staff sent Senators Feinstein and Padilla a letter asking them to support a tailored exemption for water and wastewater treatment facilities from liability under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This is the second letter in recent weeks seeking to influence the Senate Environment and Public Works Committee's draft bill on PFAS. The letter emphasized that absent an exemption, the Environmental Protection Agency's (EPA's) proposals to designate certain PFAS as hazardous substances under CERCLA may unintentionally burden water and wastewater utilities with cleanup costs for contamination that they did not cause or contribute to. Metropolitan staff will continue to engage Congress and EPA in regulating PFAS. On August 3, Metropolitan staff submitted comments to the EPA regarding whether to designate the precursors to PFOA and PFOS and seven additional PFAS as hazardous substances under CERCLA. The seven additional PFAS are PFBS, PFHxS, PFNA, Gen X, PFBA, PFHxA, and PFDA. Metropolitan staff commented that the EPA should consider updated occurrence data and develop robust and reliable analytical methods before making any regulatory determination for the affected PFAS. In addition, Metropolitan staff requested that the EPA explore other regulatory pathways for PFAS rather than CERCLA, as well as follow the "Polluter Pays" principle and make additional funding available for treatment and cleanup costs. Metropolitan staff will continue to monitor and engage in potential actions to regulate PFAS.

On August 15, Metropolitan staff submitted written comments to the State Water Resources Control Board's Division of Drinking Water in response to the state's proposed maximum contaminant level (MCL) for hexavalent chromium of 10 micrograms per liter (µg/L). While offering support for the proposed MCL and the two-to-four-year compliance period, the letter raised concerns about the true cost of compliance the availability of funding to ensure full compliance and recommended the inclusion of an alternative treatment technology to make compliance easier for some utilities. Metropolitan staff will continue to monitor and engage in this rulemaking process. Metropolitan submitted a comment letter on August 15, responding to the state's proposed maximum contaminant level (MCL) of 10 parts per billion for hexavalent chromium.

Weekly Water Quality System Status

Wednesday, September 20, 2023

Generated On:9/20/2023 11:56:57 AM

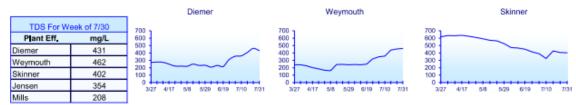


Water Quality Section Weekly TDS Report

For the week of 7/30/2023

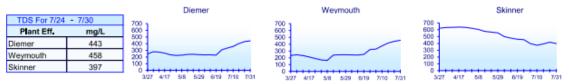
Percent SPW Needed to Achieve TDS Goal of 500 mg/L			Estimated TDS for Reservoirs			
Source Water TDS		SPW Required	Reservoir (Effluent)		Date mg/L	
CRW	SPW	Percent	Lake Havasu (Table D)	6/14/23	660	
606	179	25%	Lake Mathews (DFPI-LWRFDR)	7/31/23	606	
606	179	25%	Lake Skinner (Outlet Structure)	7/31/23	366	
656	179	33%	Castaic Lake (JFPI)	7/30/23	345	
656	138	30%	Silverwood (Mills Inf)	7/30/23	179	
CRW for Diemer and Weymouth is Lake Mathews and San Ja			Lake Perris	7/31/23	138	
			DVL Outlet (Table D)	6/7/23	256	
_	TDS CRW 606 606 656 656	TDS CRW SPW 606 179 606 179 656 179 656 138	TDS SPW Required CRW SPW Percent 606 179 25% 606 179 25% 656 179 33% 656 138 30%	TDS SPW Required Reservoir (Effluent)	TDS SPW Required Reservoir (Effluent) Date CRW SPW Percent Lake Havasu (Table D) 6/14/23 606 179 25% Lake Mathews (DEPHLWRFDR) 7/31/23 606 179 25% Lake Skinner (Outlet Structure) 7/31/23 656 179 33% Castaic Lake (JFPI) 7/30/23 656 138 30% Silverwood (Mills Inf) 7/30/23 Lake Matherws and San Jaicinto - West Portal for Skinner. Lake Perris 7/31/23	

SUNDAY COMPOSITE ESTIMATED TDS FOR 03/26/23 - 07/30/23



Sunday composite estimated TDS measured from plant effluent composite samples collected on Sunday and analyzed for hardness and electrical conductivity.

WEEKLY COMPOSITE ESTIMATED TDS FOR 03/26/23 - 07/30/23



Weekly composite estimated TDS measured from plant effluent composite samples collected Monday through Sunday and analyzed for hardness and electrical conductivity.

MONTHLY COMPOSITE CALCULATED TDS FOR July 2022 - June 2023



Monthly calculated TDS calculated from plant effluent monthly composite sample for total anions and cations. These results are also used for Table D.

FLOW WEIGHTED RAA TDS FOR July 2022 - June 2023



Page 6b

The Metropolitan Water District of Southern California

Weekly Operations Plan for 9/21/2023 - 9/28/2023

For additional information, please contact James Bodnar at (213) 217-6099

- 1. COLORADO RIVER AQUEDUCT: The CRA is at a 3-pump flow.
- EAST BRANCH SPW: Rialto Pipeline will average a flow between 1,300 and 1,500 AF/day. Santa Ana Valley Pipeline will be at 125 – 175 AF/day. Inland Feeder flow will be at 1,400 – 1,700 AF/day.
- WEST BRANCH SPW: The flow from Castaic Lake will range between 700 and 1,000 AF/day. Flow to SCVWA (formerly CLWA) is currently at 90 AF/day.

4. TERMINAL RESERVOIRS:

Reservoir	Current Storage* (AF)	Percent of Capacity
Lake Mathews	161,400	89%
Lake Skinner	38,400	87%
DVL	663,400	82%

^{*}as of 9/20/2023

5. WATER QUALITY:

Plant	Targeted Blend (% SPW)	TDS (mg/L)	TTHMs (μg/L)
	As of 9/20/2023	As of 9/20/2023	As of 8/21/2023
Weymouth	80	283	47
Diemer	25	546	41
Skinner	70	345	21
Jensen	100	357	40
Mills	100	196	64

- WATER DELIVERIES: September deliveries are forecasted to be about 122 TAF. As of September 21, 2023, total system demands are about 4,300 AF/day, a decrease of 100 AF/day from last week.
- HYDROELECTRIC GENERATION: As of September 20, 2023, the total daily average generation for the week was about 20.0 MW, with 4 of 15 hydroelectric plants in operation.

COLORADO RIVER ISSUES

Lower Basin States Agreement on Colorado River Conservation Actions

In the initial step in the NEPA process for developing the post-2026 Colorado River guidelines, Reclamation solicited comments from interested parties on the scope of the EIR to analyze the new guidelines' impacts. Comments were due to Reclamation on August 15. Metropolitan staff participated in a 7-state process to develop a consensus response to Reclamation's request for input. Those discussions led to a 7-state letter and a Lower Basin letter to Reclamation. The Chair of the Colorado River Board of California, JB Hamby, signed both letters on behalf of California. The states agreed that the scope should be limited to focusing on Lake Powell and Lake Mead's reservoir operations and providing sufficient water use reductions to address the current and project supply-demand imbalance on the river. The states also affirmed their commitment to work toward a 7-state consensus alternative that can be included in the analysis of the draft EIS.

Metropolitan's General Manager also signed a letter with the General Managers of Southern Nevada Water Authority and Central Arizona Project highlighting the unique needs of Lower Basin states in the urban areas. Specifically, the letter highlighted the need to protect human health and safety deliveries, protect and incentivize water storage opportunities in Lake Mead, consider reasonable and beneficial water use standards, and provide for interstate participation in new water supply augmentation projects, like Pure Water Southern California. The letter also recognized the long history of collaboration among urban agencies over the last two decades. Reclamation will consider the comments received and develop a scoping report, which will guide the development of the new guidelines. Reclamation anticipates issuing a draft EIS in December of 2024, with a Record of Decision made in time for the Annual Operating Plan development for 2027. With the scoping letters submitted, the Basin States are now focusing on developing an alternative to be included in the draft EIS.

DELTA CONVEYANCE ACTIVITIES AND STATE WATER PROJECT ISSUES

Delta Conveyance

The California Department of Water Resources (DWR) released a draft Environmental Impact Report (EIR) to comply with the California Environmental Quality Act for a public review that ended on December 16, 2022. DWR received more than 700 unique comment letters with over 6,000 individual comments. DWR is in the process of developing responses to the comments received. The Final EIR is expected at the end of 2023. It will include responses to all substantive comments on the Draft EIR and edits to the Draft EIR, as appropriate, to respond to the comments.

The U.S. Army Corps of Engineers (USACE), as part of its permitting review under the Clean Water Act and Rivers and Harbors Act, released a draft Environmental Impact Statement (EIS) to comply with the National Environmental Policy Act for a public

review that ended on March 16, 2023. USACE is in the process of developing responses to the comments received.

Delta Conveyance related Joint Powers Authorities

At the August 17 regularly scheduled Delta Conveyance Design and Construction Authority (DCA), the DCA Board of Directors adopted a resolution amending the Purchasing and Procurement Policy. This amendment adds new language to guide the procurement of information technology services, clarifies and defines the current procurement practices, and updates the definition section to include definitions for emergency procurements, interagency agreements, and a definition for material change.

The DCA Board of Directors also adopted a resolution to revise the Allowable Travel Expenses Policy. This revision authorizes the Executive Director to provide approvals, including potential deviations, from the policy. It would clarify that all foreign travel would require prior written DCA approval and be subject to applicable federal General Services Administration requirements.

The August 17 regularly scheduled Delta Conveyance Finance Authority meeting was canceled.

Sites Reservoir

At the joint Sites Project Authority Board and Sites Reservoir Committee Meeting on August 18, the Reservoir Committee and Authority Board authorized the Executive Director to execute a cooperative agreement between the Sites Project Authority and Reclamation District No. 108 regarding the use of existing partner facilities and development and operation of new infrastructure. This collaborative agreement centers around the planned use of existing facilities, including the Colusa Basin Drain south of the Balsdon Wier, Knights Landing ridge cut, Knights Landing outfall gates, and the Wallace Weir. The cooperative agreement outlines support and assistance on several activities, including planning, design, permitting, construction of new infrastructure and facility improvements, and coordinating integration into existing facilities.

Science Activities

In August, Metropolitan science staff reached a major milestone in the Reorienting to Recovery (R2R) Project Structured Decision-Making process, completing modeled bookend scenarios to test combinations of management actions to recover salmonids in the Central Valley. Metropolitan staff also participated in planning the 2024 Interagency Ecological Program Workshop. The Delta Independent Science Board interviewed them on modeling predation in the Bay-Delta Ecosystem and how modeling can be used to inform water management actions.

The Reorienting to Recovery (R2R) Project seeks to collaboratively identify preferred recovery scenarios that advance salmonid recovery in the Central Valley while balancing other social, cultural, and economic interests in the region. In early August, the R2R Project presented results of the "bookend" scenarios that were generated to test distinct combinations of intense management actions focused around one action type (either flows, harvest, hatcheries, or habitat) to the structured decision-making (SDM) workgroup. These modeled bookends aim to explore how the model responds to different inputs so that the group can explore refined scenarios. The model is a coarse tool, and while modifications can be made to improve logic, inputs, and outputs, results are most appropriate and informative when compared among scenarios. They can aid in the development of refined scenarios and model updates.

Overall, no singular bookend met all biological salmonid recovery targets. Multiple scenarios met recovery targets for productivity, but none met targets for spatial structure and genetic diversity. Since each scenario represents implementing only one type of management action and was not designed to achieve recovery, these results are expected and indicate multiple factors hindering recovery that will require multiple types of management actions. The workgroup brainstormed additional scenarios that balance salmonid recovery goals with other interests for the next round of modeling. The R2R Project team will spend the next few months sorting through these ideas, refining scenarios, and modeling these scenarios for presentation at a future R2R workshop in Winter 2023.

Metropolitan staff participated in the planning and implementing of the Interagency Ecological Program Workshop for 2024. The workshop showcases a range of topics that will be used to inform the management of the Bay-Delta watershed. Topics include water operations, restoration, listed species management, and contaminants.

The Delta Independent Science Board interviewed Metropolitan staff regarding modeling and predation to be used for informing actions to improve the management of the Bay Delta Ecosystem and its water supply. The interviews will be used to develop two workshops for 1) Exploring scientific and management implications of upper trophic level interactions in Delta food webs and 2) Bay-Delta Modeling Framework/Collaborative.

Delta Island Activities

In preparation for the October board action to amend the Capital Investment Plan to include the Webb Tract Mosaic Landscape Project and to award three agreements to begin design and environmental planning, Metropolitan staff is negotiating grant terms and conditions that will be included in the board letter to inform the Board before the grant agreement is executed. If approved, grant execution is expected soon after the October board action.

PUBLIC/GOVERNMENT AFFAIRS

MEMBER AGENCY SUPPORT

Public Affairs Staff:

- Shared Mesa Water's Water Use Efficiency and Education Coordinator job opening with various networks
- Provided the City of Tustin MWDOC Department of Motor Vehicle rebate videos with their logo on them to share in their lobby and on their cable channel

COMMUNITY AND SPECIAL EVENTS

Public Affairs Staff:

- Speakers Bureau Coordinated and attended a speaking opportunity with Director Seckel at Leisure World for 44 Sunshine Club members
- Continue to participate in the planning and coordination of the OC Water Summit
- Planned and coordinated the first MWDOC Water Resources & Conservation
 Patch Clinic at the City of Seal Beach's Lampson Well site for 21 Orange County
 Girl Scouts
- Planned for Girl Scouts STEM Expo on October 23 and prepared promotional/conservation items for the event
- Provided a Ricky the Raindrop appearance at the City of Westminster's Fall Festival and interacted with 225 local residents
- Met with Orange Coast College to discuss event logistics for the Orange County Children's Book Festival

Government Affairs Staff:

- Participated in the OCBC Governmental Affairs Committee meeting
- Distributed the Legislative Policy Principles to the member agencies for review and feedback
- Along with Joe Berg, met with staff at ACC-OC to discuss the rulemaking and implementation of Making Conservation a California Way of Life and engaging Orange County cities
- Circulated the monthly Grants Tracking and Acquisition report to member agencies
- Along with Joe Berg, met with staff at the League of Cities to discuss the rulemaking and implementation of Making Conservation a California Way of Life and engaging Orange County cities
- Met with staff from ACC-OC to outline and prepare for a special meeting with a panel discussion on the rulemaking for Making Conservation a California Way of Life

K-12 WATER EDUCATION

Public Affairs Staff:

- Provided information regarding MWDOC K-12 Choice School Programs to East Orange County Water District, City of Fullerton, City of Garden Grove, and El Toro Water District
- Provided all water providers participating in the MWDOC Choice School Programs with login information for the shared Google Calendar of scheduled visits
- Met twice with MWDOC 3-12 Choice School Program contractor, Orange County Department of Education's Inside the Outdoors, to discuss program direction, goals, and new opportunities to engage students
- Met with Child Creativity Lab to compare education programs and discuss areas for collaboration

WORKFORCE INITIATIVE

Public Affairs Staff:

- Sent a 1-question survey to Water Energy Education Alliance members to gain insight on industry workforce priorities. Received 65 responses to date.
- Participated in the California Municipal Utilities Association's Statewide Advisory Council Meeting in support of their \$4M High Roads Training Partnerships grant
- Met with Generation: Now! to discuss career pathways and potential Orange County partnership opportunities
- Provided support to the Centers of Excellence for Labor Market Research for their application to the California Community College Chancellor's Office for funding
- Proofed and provided input on a draft media alert from the Association of California Water Agencies and the California Water Environment Association on careers in water for Water Professionals Appreciation Week

DIGITAL COMMUNICATIONS, PUBLICATIONS, AND MEDIA ENGAGEMENT

Public Affairs Staff:

- Prepared and distributed content for social media
- Submitted content to the Association of California Water Agencies newsroom
 - MWDOC Offers STEM-Based Merit Badge Clinics for OC Scouts
- Updated the MWDOC website as requested by several departments
- Worked with Hashtag Pinpoint and Orange County Water District to film OC Water Summit emcee Fritz Coleman's event introduction
- Provided an interview and proofread an article by the California Special Districts Association (CSDA) for the Westminster Watersmart Conservation Garden project. The first of several articles will appear in their November/December green issue.

SPECIAL PROJECTS

Public Affairs Staff:

- Sent signed "Thank You" letters to the Orange County Grand Jury who attended the local infrastructure inspection trip
- Met with the Wyland Foundation to discuss next steps for the City of San Clemente landscape transformation project
- Attended the Nature-based Solutions, Climate Resiliency, and Equity webinar hosted by BAYWORK
- Provided education content to CSDA by request for their social media pages

Governmental Affairs Staff:

- Coordinated and submitted all documents requested to OC LAFCO for the Focused MSR
- Staffed the ISDOC Executive Committee meeting
- Responded to various ISDOC inquiries regarding membership upcoming meetings and updated/edited the Executive Committee minutes
- Staffed the WACO meeting on earthquake preparedness
- Met with Soto Resources to discuss the grants program
- Staffed the WACO Planning Committee meeting

OUTREACH METRICS

Public Affairs Staff:

- Google Performance Analytics (September 2023)
 - 151 business profile interactions
 - o 1,729 people viewed the business profile
- Website Analytics (GM report timeframe)
 - 10k pageviews + 39 OC Water-Smart Parks Microsite site sessions
 - Top pages for this date range
 - MWDOC Homepage 1.5k
 - Water-Use-Efficiency 1.1k
 - Turf removal 768
 - Residential Rebates 609
 - Board Meetings 411
- ocwatersmartgardens.com Analytics (August 2023)
 - o 512 sessions
 - Top pages for this date range
 - Landing Page
 - Helpful Plant List Common Questions
 - Garden Resources
- Social Media (August 3 August 29)

According to Hootsuite – the global leader in social media management –a good engagement rate is between 1% to 5%.

For this period, MWDOC's engagement rate is at 17.85%

- o 34,197 Post reach (number of people)
- o 6,104 Post engagement (actions taken likes, shares, etc.)

LEGISLATIVE AFFAIRS

Governmental Affairs Staff:

- Worked with Metropolitan staff to respond to an inquiry from Congresswoman Porter's office regarding a boil order in the City of Coronado
- Attended the ACWA State Legislative Committee meeting
- Participated in the CCEEB WCW Committee meeting
- Attended the ACWA Federal Affairs Committee meeting
- Participated in the CMUA Regulatory Committee meeting
- Met with Director Crane to review the Legislative and Regulatory Policy Principles
- Drafted a letter to Governor Newsom to sign AB 1594 (Garcia) zero-emission medium and heavy-duty vehicles
- Along with Director Seckel and Harvey, met with Assembly Member Diane Dixon
- Along with Director Crane and Harvey, met with Assembly Member Valencia and Assembly Member Petrie-Norris
- Participated in the Metropolitan Member Agency Legislative meeting

WATER USE EFFICIENCY

ORANGE COUNTY DATA ACQUISITION PARTNERSHIP (OCDAP) STEERING AND TECHNICAL ADVISORY COMMITTEE (STAC)

On September 12, Rachel Waite attended the OCDAP STAC. 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:

- Consent Calendar
- Cycle 2 Deliverables Feedback
- Extension of Cycle 1 ConnectExplorer
- Discussion on Cycle 3 RFP and Membership Costs
- OCDAP Data Sharing/Efforts/Projects Underway and Cycle Derived Products
- OC GIS User Group Update

The next meeting is scheduled for October 17.

ORANGE COUNTY WATER USE EFFICIENCY WORKGROUP MEETING

On September 14, Joe Berg, Beth Fahl, Rachel W., Sam Fetter, and Tina Fann hosted the Orange County Water Use Efficiency Workgroup meeting. Items on the agenda included:

- Discussion Items
 - MWDOC Updates
 - Agency Roundtable
- Water Use Efficiency Standards/Framework Update
 - Presentation Final Recommendations for Making Conservation a California Way of Life
 - Panel Discussion and Q&A
- Water Use Efficiency Updates
 - Update on Trees
 - Board Approval on MET's Treebate
 - Trees as a Sustainability Feature Pilot
 - Local Tree Lists
 - Turf Removal Program Update
 - Changes to Work Order to Include Trees
 - Grant Funding/Turf Activity
- CalWEP Update
 - o Winter Plenary December 13th in San Francisco
- Future Agenda Items

The next meeting is scheduled for October 12.

PROJECT AGREEMENT (PA) 22 ADVISORY WORKGROUP

On September 18, Rachel W. joined the PA 22 Advisory Workgroup hosted by the Santa Ana Watershed Project Authority. Topics on the agenda included:

- Prop 1 Enhanced Decision Support Tool Update
- SARCCUP Water Budget Assistance

The next meeting is scheduled for October 16.

METROPOLITAN WATER USE EFFICIENCY WORKGROUP

On September 21, Joe, Rachel W., Beth, Sam, and Tina attended the Metropolitan Water Use Efficiency Workgroup meeting. Items on the agenda included:

- Introduction of New Team Member
- Native Plant Kits
- MWD Board Meeting Updates
- External Affairs Update
- Legislative Update
 - o AB 1573
 - Long-Term Framework Letter
- MWD Conservation Program Updates
 - Regional Program Addendum
 - Grant Updates
 - o Member Agency Administered Program Invoicing
- Member Agency Roundtable

The next meeting is scheduled for October 19.

CALIFORNIA WATER EFFICIENCY PARTNERSHIP (CALWEP) RESEARCH AND EVALUATION (R&E) COMMITTEE MEETING

On September 20, Rachel W. co-hosted the CalWEP R&E Committee meeting. Topics on the agenda included:

- Legislative Updates
- Research Project Updates
- Making Conservation a California Way of Life Framework Updates
- Presentations: State of the Union on AMI
- Alliance For Water Efficiency Research Committee Updates

The next meeting is scheduled for November 15.

UC LANDSCAPE PLANT IRRIGATION TRIALS™ (UCLPIT) FALL OPEN HOUSE

On September 20, Tina attended the UC Landscape Plant Irrigation Trials™ Fall Open House at the South Coast Research and Extension Center. The UCLPIT™ evaluates landscape plants under varying irrigation levels to determine the best level for optimal plant performance. Data may also be used to supplement the Water Use Classification of Landscape Species (WUCOLS) when creating water budgets required by California's Model Water Efficient Landscape Ordinance (MWELO). The UCLPIT™ Open House participants evaluated the aesthetic quality of 60 plants in the trial. The full trial report will be available in the Spring of 2024.

2023 CALIFORNIA LANDSCAPE CONTRACTORS ASSOCIATION (CLCA) ORANGE COUNTY (OC) CHAPTER BEAUTIFICATION AWARDS GALA

On September 23, Tina attended the 2023 CLCA OC Chapter Beautification Awards Gala. The CLCA hosts the Beautification Awards competition to recognize industry professionals who display excellence in landscape construction and maintenance. The Orange County Green Single-Family Residential Award, sponsored by MWDOC, was presented to Midwest Landscaping.

ALLIANCE FOR WATER EFFICIENCY (AWE) LARGE LANDSCAPE EVALUATION MEETING

On September 26, Rachel W. met with AWE staff to discuss the collaborative large landscape research effort. Discussion focused on MWDOC's Turf Removal implementation, terms, conditions, participation rates, marketing, and more. The next steps were also discussed, including site selection and site consumption data collection.

Follow-up meetings will be scheduled as needed.

WHOLESALE WATER PROVIDERS GROUP MEETING

On September 27, Beth and Rachel W. participated in the Wholesale Water Providers Group meeting hosted by the San Diego County Water Authority and attended by water use efficiency staff from other Metropolitan wholesale water providers. Topics on the agenda included:

- What are your Regional Programs? What will you Continue/Stop?
- The Programs Each Wholesale Water Provider Runs that Everyone Should Run
- Future MAAP Funding/Non-Documented Savings Projects
- Percentage of Customers Completing Turf Rebate Projects. Your Agency's Completion Rate Versus MWD's Completion Rate
- Would you consider a Pressure Regulator Program? Residential, Multi-Family, or Commercial?
- MWDOC's New (DRAFT) Stormwater Sustainability Feature Sizing Tool

The next meeting for this Group has not yet been scheduled.

ANNUAL WATER SMART INNOVATIONS CONFERENCE AND EXPOSITION

Between October 2 – 5, Sam and Tina attended the Water Smart Innovations Conference and Exposition in Las Vegas, Nevada. Sam presented on Cooling Towers: Aerial Imagery Validation. During the conference, Sam and Tina attended professional sessions that covered the following topics:

- Hotel Cooling Towers and Facilities Tour
- Water Conservation and Incentive Programs
- Working with the CII Sector
- Water Efficient Landscaping
- Marketing and Outreach
- Water Efficient Codes and Policies

CONSERVATION FRAMEWORK STATE WATER RESOURCES CONTROL BOARD (SWRCB) PUBLIC HEARING

On October 4, Joe attended the SWRCB public hearing/workshop on the Conservation Framework proposed standards in Sacramento. The workshop included informational presentations on the proposed standards, selected panel discussions, and a public comment period. Joe provided comments that touched on the following points:

- Extreme Costs to Orange County Water Suppliers.
- Concern that the Standardized Regulatory Impact Assessments (SRIA) Under-Estimates Costs and Over-Estimates Benefits.
- Proposed Landscape Efficiency Standards are not Feasible, particularly within the Proposed Timeline.
- Commercial, Industrial, and Institutional (CII) Performance Measures must be Simplified.
- Water Suppliers should be Recognized for Making Good Faith Efforts to Meet the Standards.

ACWA WORKING GROUPS

Throughout the period of this report, staff attended fifteen ACWA working group meetings focused on the Framework. These workgroups are collaborative efforts to understand the proposed regulations and unify comments and feedback to the State.



Street Address: 18700 Ward Street Fountain Valley, California 92708

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

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

Megan Yoo Schneider, P.E. President

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

> Randall Crane, Ph.D. Director

> > Larry D. Dick Director

Al Nederhood Director

Karl W. Seckel, P.E. Director

Jeffery M. Thomas Director

Harvey De La Torre Interim 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/89568244331

Meeting ID: 895 6824 4331

Passcode: 868020

Dial-in option: (669) 900-9128

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

DRAFT AGENDA

1. Opportunity to add and discuss items not aiready listed.
Page #/Link
2. General Meeting Information/Discussion Items:
2-1. Draft Board Agendas(Link)
2-2. MWDOC Board Strategic Priorities(<u>Link</u>)
2-3. Conservation as a California Way of Life(<u>Link</u>)
2-4. MET Update
a. Pure Water Southern California Cost Recovery Alternatives(Link)
2-5. Engineering Update
3. Announcements:
3-1. Future Supply Actions Program(<u>Link</u>)
4. Report Items
4-1. Monthly GM Report
4-2. Legislative Reports
4-3. WEROC Matrix
4-5. Additional Reports or Materials(<u>Link</u>)
5. Next meeting tentatively scheduled for Nevember 16
 Next meeting tentatively scheduled for November 16 No Meeting in December
- No Meeting in December

January 18th - In-person

SOUTH ORANGE COUNTY AGENCIES GROUP JOINT MEETING with MUNICIPAL WATER DISTRICT OF ORANGE COUNTY (MWDOC) and ORANGE COUNTY WATER DISTRICT (OCWD) THURSDAY, SEPTEMBER 28, 2023

12:00 P.M. to 1:30 P.M. AGENDA

EL TORO WATER DISTRICT 24251 LOS ALISOS BLVD., LAKE FOREST, CA 92630

- 1. Welcome and Introductions
- 2. MWDOC Update/Discussion
 - a. MWDOC Current Issues
 - b. Other Matters
- 3. MET Update/Discussion
 - a. MET Current Issues
 - b. MET Water Supply Issues
 - c. Colorado River Negotiations
 - d. Other Matters
- 4. OCWD Update/Discussion
 - a. A. Current Issues
 - b. Other Matters
- 5. Legislative/Regulatory Update
 - a. Local
 - i. OC-LAFCO Matters
 - b. State
 - c. Federal
- 6. Regional Project Interests/Updates
 - a. Regional Recycled Water Discussion
 - b. South County Emergency GW Supply Project
 - c. Doheny Ocean Desalination Project Update
 - d. San Juan Watershed Project
 - e. R-6 Reservoir Floating Cover and Liner Replacement Project
 - f. Other Project Interests/Updates
- 7. Any Agency/City Updates
- 8. Adjournment

LOCAL AGENCY FORMATION COMMISSION OF ORANGE COUNTY

REGULAR MEETING AGENDA

Wednesday, October 11, 2023 8:15 a.m.

County Administrative North (CAN)
First Floor Multipurpose Room 101
400 W. Civic Center Drive, 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 (Communications 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.) September 13, 2023 Regular Commission Meeting Minutes
 The Commission will consider approval of the September 13, 2023 meeting minutes.
- b.) Fiscal Year 2023-24 Quarterly Financial Report (First Quarter)
 The Commission will receive the first quarter financial report for Fiscal Year 2023-24.
- c.) Legislative Report (October 2023)

The Commission will receive a report on legislation of LAFCO interest reviewed by the Commission during the 2023 legislative session.

7. PUBLIC HEARING

No public hearing items scheduled.

8. COMMISSION DISCUSSION AND ACTION

a.) Policy and Procedures for the Initiation of Proposals by the Orange County Local Agency Formation Commission

The Commission will consider proposed amendments to the OC LAFCO policy that outlines the legal requirements and procedures for proposals initiated by the Commission.

b.) Personnel Policies and Procedures of the Orange County Local Agency Formation Commission (Part 4 – Time Off)

The Commission will consider a proposed amendment to the "time off" section of the personnel policy involving employee vacation accrual.

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 a brief report on activities of the Executive Officer since the last meeting.

11. INFORMATIONAL ITEMS & ANNOUNCEMENTS

No informational items and announcements scheduled.

12. CLOSED SESSION

a.) PUBLIC EMPLOYEE PERFORMANCE EVALUATION Pursuant to Government Code section 54957 Title: Executive Officer

b.) CONFERENCE WITH LABOR NEGOTIATORS

Pursuant to Government Code Section 54957.6

Agency designated representative: Commission Chair

Unrepresented employee: Executive Officer

c.) CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
 Significant exposure to litigation pursuant to Government Code section
 54956.9(d)(2)

Number of potential cases: 1

13. ADJOURNMENT OF REGULAR COMMISSION MEETING

The next Regular Commission Meeting will be held on Wednesday, November 8, 2023, at 8:15 a.m. at the County Administrative North (CAN), First Floor Multipurpose Room 101, 400 W. Civic Center Drive, Santa Ana, CA 92701.

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, October 3, 2023 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.

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. Greg Mills Serrano Water District

1st Vice President Hon. Bob McVicker Municipal Water District Orange County

2nd Vice President Hon. Paul Mesmer Surfside Colony Community Services District

3rd Vice President Hon. Scott Nelson Placentia Library District

Secretary Vacant

Treasurer Hon. Saundra Jacobs Santa Margarita Water District

Immediate Past President Hon. Mark Monin El Toro Water District

Staff Administration

Heather Baez *Municipal Water District of Orange County*

Tina Dubuque *Municipal Water District of Orange County*

Join Zoom Meeting

https://us06web.zoom.us/j/3840960436

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

AGENDA

I. Welcome, Introductions

[Please mute yourself when not speaking. Please raise hand on Zoom if you have a question or comment.]

- II. Approval of Minutes
 - Approval of September 5, 2023
- III. Public Comments on items not on the agenda
- **IV. New Business**
 - Ad-Hoc Committee Update: Dues structure collection discussion
 - Pros and Cons of formation of 501(c)(3)
- V. Old Business
 - ISDOC Annual Audit Update
- VI. Treasurer's Report Director Jacobs
 - Report of accounts
- VII. CSDA Report Director Schafer or Chris Palmer
 - Receive, discuss and file the CSDA Report
- VIII. LAFCO Report Director Fisler
 - Receive, discuss and file the LAFCO report

IX. ACWA Report – Director Jacobs

• Receive, discuss and file the ACWA report

X. OCCOG Report – Director Scheafer

• Receive, discuss and file OCCOG report

XI. California Association of Sanitation Agencies (CASA) Report – OCSD Representative

• Receive, discuss and file the CASA report

XII. Subcommittee Reports

- Programs Director McVicker
- Membership Director Mesmer
- Legislative Trustee Nelson

XIII. Adjourn



Executive Committee Meeting (Virtual Meeting via Zoom)

Tuesday, September 5, 2023, 7:30 a.m.

MEETING MINUTES

I. WELCOME:

Acting President Bob McVicker called the meeting to order at 7:30 a.m. and welcomed all.

DIRECTORS PRESENT:

Bob McVicker	1 st Vice President	Municipal Water District of Orange County (MWDOC)
Paul Mesmer	2nd Vice President	Surfside Colony Community Services District
Vacant	Secretary	
Saundra F. Jacobs Treasurer		Santa Margarita Water District (SMWD)
Mark Monin	Immediate Past President	El Toro Water District (ETWD)

DIRECTORS ABSENT:

Greg Mills	President	Serrano Water District (SWD)
Scott Nelson	3 rd Vice President	Placentia Library District

SUPPORT STAFF PRESENT:

Heather Baez	MWDOC
Tina Dubuque	MWDOC
Sharon Brimer	Recording Secretary

OTHERS PRESENT:

Amber Baylor	South Orange County Wastewater Authority (SOCWA)	
Ed Mandich	Trabuco Canyon Water District (TCWD)	
Gavin Centeno	Orange County Local Agency Formation Commission (OC LAFCO)	
Jeanette Contreras	Placentia Library District	
Jerry Legg	Five Star Bank	
Jeremy Yamaguchi	Placentia Library District	
Jim Fisler	Mesa Water District (MWD)	
John Withers	Irvine Ranch Water District (IRWD)	
Mike Gaskins	ETWD	
Mike Scheafer	Costa Mesa Sanitary District (CMSD)	
Stacy Taylor	MWD	
Stephen Faessel	Orange County Sanitation District (OCSD)	

II. MEETING MINUTES:

MOTION:

Motion by Director Jacobs, second Director Mesmer, to approve the meeting minutes of August 1, 2023, Executive Committee Meeting. The motion passed unanimously.

III. PUBLIC COMMENTS:

Ms. Taylor asked for the status of the scholarships. Director Jacobs responded there were no applicants for the scholarships.

IV. NEW BUSINESS:

- Secretary Vacant Position
- Amendment to the Bylaws

Ms. Baez reported that President Mills would like the membership to consider allowing a nonelected member to fill the position of Secretary. The bylaws would need to be amended to allow for this, and then voted on by the full membership.

Director Jacobs offered to serve on the Bylaws Amendment ad-hoc Committee, and the topic will be agendized for a future meeting. An ad hoc Committee was formed consisting of President Mills and Director Jacobs.

V. OLD BUSINESS:

• Website Maintenance ad-hoc Website Committee

Director Mesmer reported Placentia Public Library Jeremy Yamaguchi is the IT support for the ISDOC standalone website.

Mr. Yamaguchi gave an update on the development. The \$750 Streamline fee was for the set-up and migration of information from the MWDOC website.

Director Jacobs offered she is working with Mr. Yamaguchi to implement online payments.

Director Mesmer offered the plan is to keep the MWDOC site active for meeting dates and posting agendas and include a link to the standalone website. The standalone website will be more comprehensive. The goal is to bring the standalone website live January 1, 2024. At some point, the MWDOC site would contain only skeleton ISDOC information and a link to the ISDOC standalone site.

There was a request for members to send photos to enhance the website. Photos should be sent to Director Mesmer, Jeanette Contreras, or Jeremy Yamaguchi.

An update was requested for next month.

Members' Dues ad-hoc Committee Update

Directors Mesmer and Monin attended the CSDA chapter roundtable that addressed dues and brought back information that could help ISDOC formulate its policy.

A discussion ensued on the amount of dues to collect and the advantages/disadvantages of forming a 501 (c) (3). This topic will be on the October 2023 agenda.

A suggestion was made for the ad-hoc Committee to present a recommendation on initiating a dues structure for the next Executive Committee.

VI. TREASURER'S REPORT: DIRECTOR JACOBS

Director Jacobs reported the August 31, 2023, bank balance was \$8,416.09. There was one expense of \$750 paid to Streamline. The OCCOG dues invoice for \$1,000 has not been paid.

Director Jacobs noted the Bylaws state the need for an annual audit. Director McVicker asked for members to reach out to their Finance Departments for a volunteer to perform the ISDOC Annual Audit. Contact Director Jacobs with volunteer information.

VII. CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) REPORT – DIRECTOR SCHAFER OR CHRIS PALMER

No report for this meeting

VIII. LAFCO REPORT: DIRECTOR FISLER

Director Fisler reported the next meeting was scheduled for September 13, 2023. On the upcoming agenda:

- Legislative Report
- Policy and Guidelines for Conducting Protest Hearings
- Second Amendment to Professional Services Agreement with Berkson and Associates

Fiscal Indicators have been added to the Municipal Service Reviews (MSR) with the fourth cycle of MSRs established for Year 2023-24. There are links on the OC LAFCO website to the MSR schedule.

IX. ACWA REPORT: DIRECTOR JACOBS

Director Jacobs reported:

- The voting deadline is September 15, 2023, and winners will be announced on September 17, 2023.
- Cathy Green, Director of Orange County Water District, is running for ACWA President.
- Ernesto A. Avila, Director of Contra Costa Water District, is running for ACWA Vice President.
- Michael Saunders, Georgetown Divide Public Utility District, is running for ACWA Vice President.
- Region 10 ballots were emailed out.
- Committee appointments are not automatic, and anyone wishing to serve on a committee must submit their name for consideration by September 30, 2023.
- ACWA State Legislative Committee meeting to discuss AB 755 (Papan) is scheduled for September 6, 2023.. This will be a Zoom meeting.
- ACWA Paving Standards Working Group is working to address paving and underground utilities standards.
- The Housing Densification Working Group is developing a webpage to provide information to elected officials about the utility implications of Alternate Dwelling Units (ADUs).
- Region 6 and 7 tours are scheduled for October. It will start and end at Harris Ranch.

- The ACWA Fall Conference is November 28 30, 2023, in Indian Wells, CA.
- Tani Cantil-Sakauye is the new president and CEO of the Public Policy Institute of California (PPIC) and will be the headline speaker at the ACWA Conference.

Ms. Taylor offered that AB 755 erodes local control and rate-making authority. It would require agencies to perform calculations they might not otherwise do on just 10% of the largest water users.

X. ORANGE COUNTY COUNCIL OF GOVERNMENTS (OCCOG) REPORT: DIRECTOR SCHEAFER

Director Scheafer reported OCCOG Executive Director Marnie O'Brien Primmer offered to attend an ISDOC Executive Committee meeting to provide the ISDOC members with information about OCCOG and its value to ISDOC members.

Director Scheafer reported that the Court addressed the OCCOG lawsuit against the Southern California Association of Governments (SCAG) housing needs assessment, and it ruled that the Department of Housing and Community Development methods were appropriate. OCCOG is proceeding with litigation to the Supreme Court

Director Scheafer provided an update on SB 617 (Newman). This bill gives authority to water districts to use progressive design-build for water conveyances. OCCOG supports this bill.

It was requested that Ms. Primmer attend the October meeting to present on the benefits of OCCOG membership.

XI. CALIFORNIA ASSOCIATION OF SANITATION AGENCIES (CASA) REPORT

South Orange County Wastewater Authority Director of Environmental Compliance Amber Baylor provided an update:

• The CASA Engineering and Research Committee is preparing a new statewide water research roadmap or strategic plan.

XII. SUBCOMMITTEE REPORTS:

• Programs – Director McVicker

Invitations to the September 28, 2023, Quarterly Meeting were sent last week. As of September 5, 2023, 17 people have registered. The speaker will be Orange County Transportation Authority CEO Darrell Johnson, and the subject is OCTA 101. This event will be catered by Mendocino Farms Restaurant and Catering.

Membership – Director Mesmer

There were no new Associate Members this month.

Associate member Complete Paper Solutions will be one presenter at the September 28, 2023, quarterly meeting.

Legislative Update – Trustee Nelson.

Placentia Library District Library Director Jeanette Contreras provided the following information:

- Ballot Initiative 21-0042A1 9 (AKA 1935) "Taxpayer Protection and Government
 Accountability Act" sponsored by California Business Roundtable. This initiative has
 qualified for the ballot. It limits the ability of the state and local governments to enact,
 modify, or expand taxes, assessments, fees, and property-related charges. If passed,
 public agencies could face a drastic rise in litigation that could severely restrict their
 ability to meet essential services and infrastructure needs and the ability of voters to raise
 revenues. It would affect State, County, and Special Districts. It would be retroactive to
 January 2021. CSDA takes no position on this initiative.
- Viable grants for districts to consider: AmeriCorps, which is due January 4, 2024, and well as the Forest Service Inflation Reduction Act, which is due August 21, 2024. Check the CSDA website for available grants.

XIII. ADJOURN:

Acting President McVicker thanked the attendees and staff for their participation and assistance. The meeting was adjourned at 8:25 a.m.

The next Quarterly Meeting is September 28, 2023, at 11:30 a.m., and it is in-person at OCWD/MWDOC facility in Fountain Valley, CA.

The next ISDOC Executive Committee meeting is scheduled for Tuesday, October 3, 2023, at 7:30 a.m. via Zoom.

Signed:

Robert R M. Viche

ISDOC 1st Vice President, Robert R. McVicker



Virtual Water Advisory Committee of Orange County (WACO) Meeting

Friday, October 6, 2023 7:30 a.m. – 9:00 a.m.

Zoom Registration:

https://us06web.zoom.us/meeting/register/tZ0qfu6vrzspE90ilDOiPDIYIvSrVxIbU4BR#/registration

<u>Officers</u>

Chair Hon. Mark Monin El Toro Water District

Vice Chair Hon. Greg Mills Serrano Water District

Staff Contacts

Medha Paliwal / Dani Berch
Orange County Water District (OCWD)
(714) 378-3200
www.ocwd.com/news-events/events/waco

Heather Baez / Christina Hernandez Municipal Water District of Orange County (MWDOC) (714) 963-3058 www.mwdoc.com/waco

AGENDA

......

1. Welcome & Announcements

Mark Monin, El Toro Water District

2. Reports

- Water Emergency Response of Orange County (WEROC) – Vicki Osborn, MWDOC
- Metropolitan Water District of Southern California (MET)
 Linda Ackerman, MWDOC
- Association of California Water Agencies (ACWA) Cathy Green, OCWD

3. Program

4. Adjourn

Airborne Electromagnetic Surveys to Support the Recharge of California's Groundwater

Speaker: Professor Rosemary Knight, Stanford University

-

Next WACO Meeting

Friday, November 3, 2023 at 7:30 a.m. via Zoom

Next WACO Planning Committee Meeting

Tuesday, October 17, 2023 at 7:30 a.m. via Zoom



WACO Planning Committee Tuesday, October 17, 2023 at 7:30 A.M.

Join Zoom Meeting: https://zoom.us/j/92882659982
Meeting ID: 928 8265 9982

Phone Audio: 669-900-9128

AGENDA

WELCOME

ACTION ITEMS

1. Confirmed: November 3, 2023 WACO Meeting

o Reports: WEROC, MET, ACWA

- Program: OC San's Supercritical Water Oxidation Pilot Project, Advanced Treatment and Contaminants of Emerging Concern (such as microplastics)
- Speaker: Rob Thompson, P.E., General Manager, Orange County Sanitation District
- 2. Confirmed: December 8, 2023 WACO Meeting (2nd Friday of the month):
 - Reports: WEROC, MET, CSDA, ACWA
 - Program: Colorado River/IID
 - Speakers: JB Hamby, Board of Directors Vice President, IID/Chairman of the Colorado River Board of California and Tina Shields, Water Department Manager, IID
- 3. Tentative: January 5, 2024 WACO Meeting
 - o Reports: WEROC, MET, ACWA
 - o Program: Snowpack/Snow Melt: How Did We Do? (speakers TBD)

DISCUSSION ITEMS

- Review draft 2024 WACO meeting dates (see attachment and highlighted areas for discussion)
- 2. Annual Chair and Vice Chair elections process
- 3. Discuss potential topics for future meetings:
 - Salton Sea w/ members from the Salton Sea Authority
 - o Aggregation of water rights
 - San Joaquin blueprint
 - Groundwater storage
 - California Irrigation Management Information System (CIMIS)
 - San Joaquin Valley Water Collaborative Action Program (CAP) (Tim Quinn)
 - Offshore desalination, subsea reverse osmosis (SSRO) technology w/ Ocean Well Water (Tim Quinn)
 - Hawaii Case Study: What Happened and How Do We Avoid it Here?
 - Weather issues: El Nino, hotter temperatures, mega floods possible speakers:
 - Daniel Swain, UCLA Climate Scientist
 - Jay Lund, CALVIN Model
 - Media training/crisis communications
 - o LAFCO situation in San Diego what happened, where did it end up
 - o Electrification, advanced car fleets, air quality
 - o Desal in CA: Present & Future CalDesal Executive Director Glenn Farrel
 - Global Warming: Natural or Manmade? w/ speaker Roy Spencer, Ph.D.,
 Climatologist, Author & Former NASA Scientist (can also speak to related topics such as Urbanizations Effects on Temperatures and Colorado River shortages)
 - Updating California Water Laws to Address Drought and Climate Change w/ Holly Doremus, Professor of Law, Berkeley

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

Chair Hon. Mark Monin El Toro Water District

Vice Chair Hon. Greg Mills Serrano Water District

Staff Contacts:

Medha Paliwal/Dani Berch Orange County Water District

Heather Baez/Christina Hernandez Municipal Water District of Orange County 4. Discussion of October 6 meeting: Airborne Electromagnetic Surveys to Support the Recharge of California's Groundwater

INFORMATIONAL ITEMS

- 1. WACO meetings: Zoom meeting ID and meeting link change monthly
- 2. Planning meetings: Zoom link is the same every month
- 3. Meeting materials are posted at: https://www.mwdoc.com/waco/

ADJOURN

DATES TO REMEMBER

OCTOBER/NOVEMBER 2023

- 1. Oct 27 12 noon Pres/VP/GM Meeting
- 2. Nov 1 8:30 a.m. MWDOC/MET Directors Workshop
- 3. Nov 3 7:30 a.m. WACO
- 4. Nov 3 11:30 a.m. SOCEC Lunch (Norman Murray Center)
- 5. Nov 3 DISTRICT OFFICE CLOSED
- 6. Nov 5 DAYLIGHT SAVINGS TIME ENDS (Fall Back 1 Hour)
- 7. Nov 6 8:30 a.m. MWDOC Planning/Operations
- 8. Nov 6 1:30 p.m. SOCWMA Management Committee
- 9. Nov 7 7:30 a.m. ISDOC Executive Committee
- 10. Nov 8 8:15 a.m. LAFCO
- 11. Nov 8 8:30 a.m. MWDOC Admin/Finance
- 12. Nov 9 11:30 a.m. CAG
- 13. Nov 9 2:30 p.m. South OC Watershed Management Meeting
- 14. Nov 10 Veterans Day Holiday DISTRICT OFFICE CLOSED
- 15. Nov 13 11:00 a.m. Agenda Review
- 16. Nov 15 8:30 a.m. MWDOC Board Meeting
- 17. Nov 16 10:30 a.m. MWDOC Managers Meeting
- 18. Nov 17 DISTRICT OFFICE CLOSED
- 19. Nov 20 7:30 a.m. Regular Engineering/Finance Committee
- 20. Nov 21 7:30 a.m. Regular Board Meeting
- 21. Nov 21 12 noon South County Agencies Meeting
- 22. Nov 23 24 THANKSGIVING HOLIDAY/DISTRICT CLOSED
- 23. Nov 27 30 ACWA FALL CONFERENCE (Indian Wells)

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.