

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



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



**AGENDA**  
**EL TORO WATER DISTRICT**  
**REGULAR MEETING OF THE BOARD OF DIRECTORS**  
**March 23, 2023**  
**7:30 a.m.**

---

Members of the public who wish to comment on any item within the jurisdiction of the District or on any item on the agenda, may attend the meeting in person at the District's office or may observe and address the Meeting by joining at this link: <https://us02web.zoom.us/j/86306328795> (Meeting ID: 863 0632 8795).

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 – President Havens**

**ORAL COMMUNICATIONS/PUBLIC COMMENTS**

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

## ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

### 1. **Presentation of Awards, Recognitions, Certifications and Introductions**

#### a. Certifications

Mr. Cafferty will recognize and congratulate Garth Botha, Crew Chief, for obtaining his D-4 Water Certification from the State Water Resources Control Board.

### 2. **Consent Calendar**

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

a. Consider approving the minutes of the January 26, 2023 Board meeting

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

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

## GENERAL MANAGER ACTION ITEMS

### 4. **Nomination of a Candidate to the California Special Districts Association Board of Directors, Southern Network – Seat C** (Reference Material Included)

Staff will comment on the potential nomination of a candidate to the California Special Districts Association Board of Directors, Southern Network, Seat C, and the requirement to submit the nomination by the March 31, 2023 deadline.

**Recommended Action:** The Board will consider nominating a candidate to the California Special Districts Association Board of Directors, Southern Network, Seat C, and submit the nomination by the March 31, 2023 deadline.

## GENERAL MANAGER INFORMATION ITEMS

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

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

6. **Legislative Reports** (Reference Material Included)  
Staff and General Counsel will review and comment on the Legislative reports.
7. **Public Education and Outreach Report** (Reference Material Included)  
Staff will review and comment on the Public Education and Outreach report.
8. **Water Use Efficiency Report** (Reference Material Included)  
Staff will review and comment on the Water Use Efficiency Report
9. **SOCWA Report** (Reference Material Included)
  - a. SOCWA Board Meeting – March 2, 2023
  - b. SOCWA Engineering Committee Meeting – March 9, 2023
  - c. SOCWA Special Board Meeting – March 15, 2023
  - d. SOCWA Finance Committee Meeting – March 21, 2023
10. **Municipal Water District of Orange County (MWDOC) Report** (Reference Material Included)
  - a. MWDOC/MET Directors Workshop – March 1, 2023
  - b. MWDOC Special Board Meeting – March 3, 2023
  - c. MWDOC Planning/Operations Meeting – March 6, 2023
  - d. MWDOC Admin/Finance Meeting – March 8, 2023
  - e. MWDOC Board Meeting – March 15, 2023
  - f. MWDOC Managers Meeting – March 16, 2023
11. **South Orange County Watershed Management Area Meetings** (Reference Material Included)
  - a. Report on the March 6, 2023 Management Committee Meeting
  - b. Report on the March 9, 2023 Executive Committee Meeting
12. **Local Agency Formation Commission (LAFCO) Report** (Reference Material Included)  
Report on the March 8, 2023 meeting
13. **ISDOC Meetings Report** (Reference Material Included)  
Report on the March 7, 2023 meeting
14. **WACO Meetings Report** (Reference Material Included)
  - a. Report on the March 3, 2023 WACO meeting
  - b. Report on the March 21, 2023 WACO Planning meeting

## COMMITTEE AND GENERAL INFORMATION

15. Dates to Remember for March/April 2023 (Reference Material Included)

## COMMENTS REGARDING NON-AGENDA ITEMS

## ATTORNEY REPORT

## CLOSED SESSION

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

1. Pursuant to Government Code Section 54956.9 (d) (2) to consult with legal counsel and staff – Potential Litigation (one matter).
2. Pursuant to Government Code Section 54956.9(a) to consult with legal counsel and staff. *Plaintiff, Marlene Jean v. Defendants, Dollar Tree Stores, et al./Cross-Complainant, Park Aliso Commercial Center, Ltd, et al. v. Cross-Defendant, El Toro Water District, et al.*, Superior Court of Los Angeles Case No. 19STCV25234. [Government Code Section 54956.9(a)] – Pending Litigation (one matter).

## REGULAR SESSION

## REPORT ON CLOSED SESSION (Legal Counsel)

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

## ADJOURNMENT

*The agenda material for this meeting is available to the public at the District's Administrative Office, which is located at 24251 Los Alisos Blvd., Lake Forest, Ca. 92630. If any additional material related to an open session agenda item is distributed to all or a majority of the board of directors after this agenda is posted, such material will be made available for immediate public inspection at the same location.*

### Request for Disability-Related Modifications or Accommodations

*If you require any disability-related accommodation, including auxiliary aids or services, in order to participate in this public meeting, please telephone the District's Recording Secretary, Polly Welsch at (949) 837-7050, extension 225 at least forty-eight (48) hours prior to said meeting. If you prefer, your request may be submitted in writing to El Toro Water District, P.O. Box 4000, Laguna Hills, California 92654, Attention: Polly Welsch.*

MINUTES OF THE REGULAR MEETING  
OF THE  
BOARD OF DIRECTORS  
OF THE  
EL TORO WATER DISTRICT  
February 23, 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, KATHRYN FRESHLEY, and JOSE VERGARA participated.

Also present were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, SHERRI SEITZ, Public Affairs Manager, VU CHU, Water Use Efficiency Analyst, JASON HAYDEN, CFO (zoom), MIKE MIAZGA, IT Manager, GILBERT J. GRANITO, General Counsel, and POLLY WELSCH, Recording Secretary.

SCOTT HOPKINS, Operations Superintendent was absent.

Oral Communications/Public Comments

There were no comments.

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

Roll Call Vote:

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

Director Reports for Meetings Attended

Director Vergara stated that he attended the WACO meeting, the WACO Planning Committee meeting, the Pres/VP/GM meetings, the MWDOC Planning/Operations meeting, the Lake Forest City Council meeting, the MWDOC Admin/Finance meeting, the WaterReuse meeting, the Agenda Review meeting, and the regular ETWD Board meetings.

Director Monin stated that he attended the ISDOC Executive Committee meeting, the MWDOC Planning/Operations meeting, the MWDOC Admin/Finance meeting, the CAG meeting, the MWDOC Water Policy Dinner, the MWDOC Board meeting, the OCWA luncheon, the WACO Planning Committee meeting, and the regular ETWD Board meetings.

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

meeting, the MWDOC Water Policy Dinner, the RRC meeting, and the regular ETWD Board meetings.

President Freshley stated that she attended the MWDOC Planning/Operations meeting, the RRC meetings, the MWDOC Admin/Finance meeting, the MWDOC/MET Directors workshop, the MWDOC Board meeting, the MWDOC Water Policy Dinner, the OCWA luncheon, the CAG meeting, the SOCWA Board meetings, the SOCWA Finance meeting, the ACWA Energy Committee meeting, the Laguna Woods City Council meeting, the WACO meeting, and the regular ETWD Board meetings.

President Havens stated that she attended the Agenda Review meeting, the Pres/VP/GM meetings, the MWDOC/MET Directors workshop, the WACO meeting, the MWDOC Planning/Operations meeting, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the MWDOC Water Policy Dinner, the CAG meeting, the OCWA luncheon, and the regular ETWD Board meetings.

#### General Manager Action Items

#### Virtual or Hybrid Board Meetings per AB 361

Mr. Cafferty stated that staff recommends that the Board extend Resolution No. 22-7-4 for the continuation of virtual or hybrid meetings for the next 30 days.

Mr. Cafferty stated that AB 361 is set to expire on February 28, 2023.

President Havens asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins and unanimously carried across the Board to reaffirm the findings and determinations under Assembly Bill 361 and extend Resolution No. 22-7-4 for the continuation of virtual or hybrid meetings for the next 30 days based on the findings that 1) it has reconsidered

the circumstances of the state of emergency for COVID-19, and 2) state and local officials continue to impose or recommend measures to promote social distancing.

Roll Call Vote:

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

AB 2449

Mr. Cafferty stated that Assembly Bill 2449 revises Brown Act requirements relative to virtual or remote attendance of ETWD Board meetings. He further stated that this bill provides alternatives for remote participation in the event it is not recognized that the need existed prior to posting the agenda.

Mr. Cafferty stated that there are two incidences where this can occur; the first is “just cause” which is defined as being child care or care giving need of a child, parent, grandparent, grandchild, sibling, spouse, or domestic partner that requires them to participate remotely. He further stated that it also may include: a contagious illness, a physical or mental disability, or travel while on official District business.

Mr. Cafferty stated that “just cause” can only be used for two meetings per calendar year. He further stated that the second means by which a Board member can participate remotely without having to agendize is due to emergency circumstances such as a physical or family medical emergency, and the Board member must provide a general description of the circumstances, and the Board must take action to approve the request. He also stated that if the request does not allow sufficient time to place proposed action on the request, the Board must take action to

add the request to the agenda at the beginning of the meeting.

Mr. Cafferty stated that if a Board member is participating remotely due to “just cause” or “emergency circumstances”, the Board shall publicly disclose at the beginning of the meeting before any action is taken whether any individuals 18 or older are present at the remote location with the member and the general nature of the relationship of such individuals. He further stated that the Board member shall participate through both audio and visual technology, and no Board Member may participate solely by teleconference for a period of more than three consecutive months or 20 percent of the regular meetings within a calendar year.

#### General Manager’s Monthly Report

Director Freshley asked about the the Will Serve charts and when do we determine what the fee is going to be. Mr. Cafferty replied that the Capital Facilities Fee is based on the size of the water meter for the Water Capital Facilities Fee, and on the size and type of business for the Sewer Capital Facilities Fee. Mr. Cafferty further stated that Capital Facilities Fees are collected near the end of a project prior to occupancy.

#### Legislative Reports

There were no comments.

#### Public Education and Outreach Report

Ms. Seitz stated that Mr. Cafferty presented at the CAG meeting on water supply challenges and water/wastewater infrastructure improvement projects.

Ms. Seitz stated that Mr. Cafferty participated as a panelist at the South Orange County Economic Coalition and discussed how South County water districts efforts

locally and regionally have better prepared the water agencies to overcome water related challenges.

Ms. Seitz stated that Director Gaskins will be speaking in March at the Concerned Citizens meeting.

Ms. Seitz stated that staff will host a booth at the City of Mission Viejo Earth Day on Saturday, April 22<sup>nd</sup>.

Ms. Seitz stated that an announcement of the new Board officers will be distributed to the public, on the website, and social media.

Ms. Seitz stated that ETWD will be entering the newsletter into the Public Relations Society of America's Bronze Anvil Tactical Awards.

#### Water Use Efficiency Report

Mr. Chu provided an update on the Water Use Efficiency report, rebates, and water usage compared to 2020.

#### SOCWA Reports

Mr. Cafferty stated that he attended the PC-2 meeting where they discussed consideration and action on South OC Wastewater Optimization Blueprint with presentations by SMWD and MNWD. He further stated that they also discussed a proposal for the Latham Plant.

Mr. Cafferty discussed the IRWD Assignment of SOCWA rights to ETWD, and the Trabuco Canyon exit from SOCWA.

#### MWDOC Reports

Mr. Cafferty stated that at the MWDOC Admin/Finance meeting they discussed an update to the MWDOC Reserves Policy.

Director Gaskins stated that at the MWDOC Board meeting they discussed an employment contract for an interim General Manager.

#### OC WaterReuse Meeting

Vice President Vergara stated that they had a presentation on MNWD's project, RAIN Treatment Center.

#### South Orange County Agencies Group Meeting

Director Gaskins stated that they discussed MWDOC and MET's current issues, reserves, and Colorado River negotiations. He further stated that they also discussed regional projects.

#### LAFCO

Director Freshley stated that the February meeting was canceled.

Mr. Cafferty stated that LAFCO is currently reviewing the District's MSR which has been drafted between the consultant and LAFCO staff, so we should see it soon.

#### ISDOC

Director Monin stated that there are still vacancies for Secretary and Third Vice President, and they hired a part-time Secretary to do the minutes.

#### WACO

Director Monin stated that they had a presentation on a Federal Update, Deciphering the New Congress by Eric Sapirstein, President of ENS Resources.

### COMMITTEE AND GENERAL INFORMATION

#### Dates to Remember for February/March 2023

There were no comments.

### Comments Regarding Non-Agenda Items

Director Freshley stated that at the last LAFCO meeting, Carol Moore was elected as the Alternate City Member.

### Attorney Report

Mr. Granito reported that there is a need for a Closed Session with regard to both items of today's Closed Session agenda.

### Recess

At approximately 9:10 a.m. the Board took a short recess.

### Regular Session

At approximately 9:15 a.m. the Board returned to Regular Session.

### Closed Session

At approximately 9:15 a.m. the Board went into Closed Session with regard to both items on the Closed Session agenda. Also at this time, everyone left the meeting except the Board members, the General Manager, and General Counsel.

### Open Session Report

At approximately 9:50 a.m. Regular Session resumed. Also at this time Ms. Welsch returned to the meeting.

Mr. Granito reported that the Board did go into Closed Session with regard to both items of today's Closed Session agenda, and during the first phase of the Closed Session the District's General Counsel and General Manager led a discussion on Item #1 potential litigation (one matter). No reportable action was taken.

Mr. Granito reported that during the second phase of the Closed Session, the General Manager led a discussion with General Counsel and the Board on Item #2 the Dollar Tree litigation. No reportable action was taken.

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 9:50 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



**California Special  
Districts Association**

*Districts Stronger Together*

**DATE:** January 30, 2023  
**TO:** CSDA Voting Member Presidents and General Managers  
**FROM:** CSDA Elections and Bylaws Committee  
**SUBJECT: CSDA BOARD OF DIRECTORS CALL FOR NOMINATIONS  
SEAT C**

---

The Elections and Bylaws Committee is looking for Independent Special District Board Members or their General Managers who are interested in leading the direction of the California Special Districts Association for the 2024 - 2026 term.

The leadership of CSDA is elected from its six geographical networks. Each of the six networks has three seats on the Board with staggered 3-year terms. Candidates must be affiliated with an independent special district that is a CSDA Regular Member in good standing and located within the geographic network that they seek to represent.  
(See attached CSDA Network Map)

The CSDA Board of Directors is the governing body responsible for all policy decisions related to CSDA's member services, legislative advocacy, education and resources. The Board of Directors is crucial to the operation of the Association and to the representation of the common interests of all California's special districts before the Legislature and the State Administration. Serving on the Board requires one's interest in the issues confronting special districts statewide.

**Commitment and Expectations:**

- Attend all Board meetings, usually 4-5 meetings annually, at the CSDA office in Sacramento.
- Participate on at least one committee, meets 3-5 times a year at the CSDA office in Sacramento.  
*(CSDA reimburses Directors for their related expenses for Board and committee meetings as outlined in Board policy).*
- Attend, at minimum, the following CSDA annual events: Special Districts Legislative Days - held in the spring, and the CSDA Annual Conference - held in the fall.  
*(CSDA does **not** reimburse expenses for the two conferences even if a Board or committee meeting is held in conjunction with the event)*
- Complete all four modules of CSDA's Special District Leadership Academy within 2 years of being elected.  
*(CSDA does **not** reimburse expenses for the Academy classes even if a Board or committee meeting is held in conjunction with the event).*

**Nomination Procedures:** Any Regular Member in good standing is eligible to nominate one person, a board member or managerial employee (as defined by that district's Board of Directors), for election to the CSDA Board of Directors. **A copy of the member district's resolution or minute action and Candidate Information Sheet must accompany the nomination. The deadline for receiving nominations for the Northern, Sierra, Coastal and Southern Networks is April 6, 2023. Where there is no incumbent running in the Bay Area and Central Networks the deadline for receiving nominations is April 17, 2023. Nominations and supporting documentation may be mailed or emailed.**

Mail: 1112 I Street, Suite 200, Sacramento, CA 95814  
Fax: 916.442.7889  
E-mail: [amberp@csda.net](mailto:amberp@csda.net)

***Once received, nominees will receive a candidate's letter. The letter will serve as confirmation that CSDA has received the nomination and will also include campaign guidelines.***

CSDA will begin electronic voting on June 5, 2023. All votes must be received through the system no later than 5:00 p.m. July 14, 2023. The successful candidates will be notified no later than July 18, 2023. All selected Board Members will be introduced at the Annual Conference in Monterey, CA in August 2023.

#### **Expiring Terms**

(See enclosed map for Network breakdown)

<b>Northern Network</b>	Seat C – Fred Ryness, Burney Water District*
<b>Sierra Network</b>	Seat C – Pete Kampa, Groveland Community Services District*
<b>Bay Area Network</b>	Seat C – <i>Vacant</i>
<b>Central Network</b>	Seat C – Steve Perez, GM, Rosamond Community Services District
<b>Coastal Network</b>	Seat C – Vince Ferrante, Moss Landing Harbor District*
<b>Southern Network</b>	Seat C – Arlene Schafer, Costa Mesa Sanitary District*

(\* = Incumbent is running for re-election)

**CSDA will be using a web-based online voting system allowing your district to cast your vote easily and securely. *Electronic Ballots will be emailed to the main contact in your district June 5, 2023.*** All votes must be received through the system no later than 5:00 p.m. July 14, 2023.

*Districts can opt to cast a paper ballot instead; but you must contact Amber Phelen by e-mail [amberp@csda.net](mailto:amberp@csda.net) by **April 6, 2023** in order to ensure that you will receive a paper ballot on time.*

**CSDA will mail paper ballots on June 5, 2023 per district request only.**

If you have any questions, please contact Amber Phelen at [amberp@csda.net](mailto:amberp@csda.net).



**California Special  
Districts Association**  
*Districts Stronger Together*

## 2023 BOARD OF DIRECTORS NOMINATION FORM

Name of Candidate: \_\_\_\_\_

District: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Network: \_\_\_\_\_ (see map)

Telephone: \_\_\_\_\_

(PLEASE BE SURE THE PHONE NUMBER IS ONE WHERE WE CAN REACH THE CANDIDATE)

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Nominated by (optional): \_\_\_\_\_

**Return this form, a Board resolution/minute action supporting the candidate, and Candidate Information Sheet by mail or email to:**

CSDA  
Attn: Amber Phelen  
1112 I Street, Suite 200  
Sacramento, CA 95814  
(877) 924-2732

amberp@csda.net

***DEADLINE FOR RECEIVING NOMINATIONS:***

***March 31, 2023 at 5:00 p.m.***



**California Special  
Districts Association**  
*Districts Stronger Together*

## 2023 CSDA BOARD CANDIDATE INFORMATION SHEET

The following information **MUST** accompany your nomination form and Resolution/minute order:

Name: \_\_\_\_\_

District/Company: \_\_\_\_\_

Title: \_\_\_\_\_

Elected/Appointed/Staff: \_\_\_\_\_

Length of Service with District: \_\_\_\_\_

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.):

---

---

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.):

---

---

3. List local government involvement (such as LAFCo, Association of Governments, etc.):

---

---

4. List civic organization involvement:

---

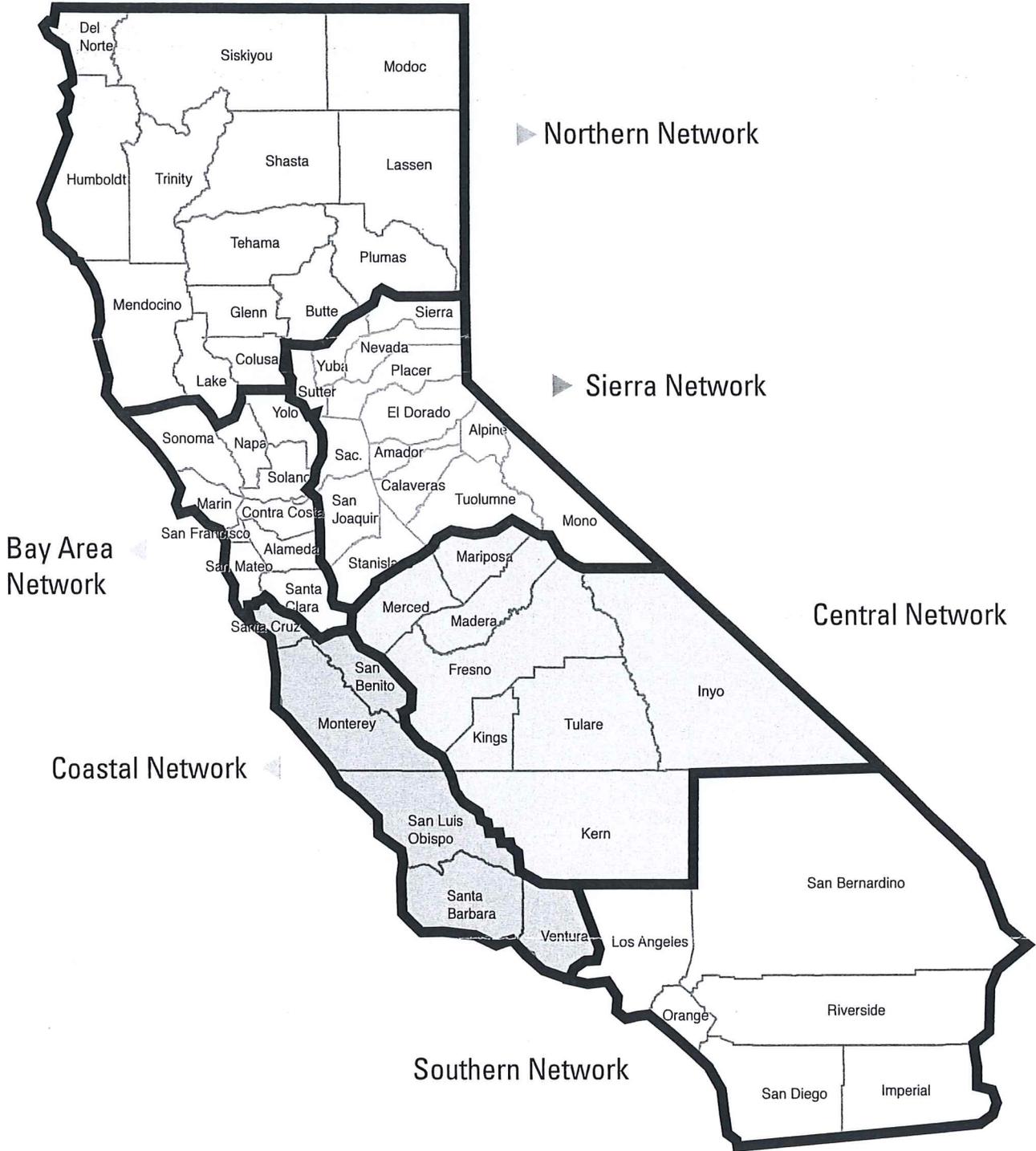
---

**\*\*Candidate Statement** – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. **Any statements received in the CSDA office March 31, 2023, after 5:00 p.m. will not be included with the ballot.**



California Special Districts Association

# DISTRICT NETWORKS



# GENERAL MANAGER'S REPORT

March 2023

## I. OFFICE OF THE GENERAL MANAGER

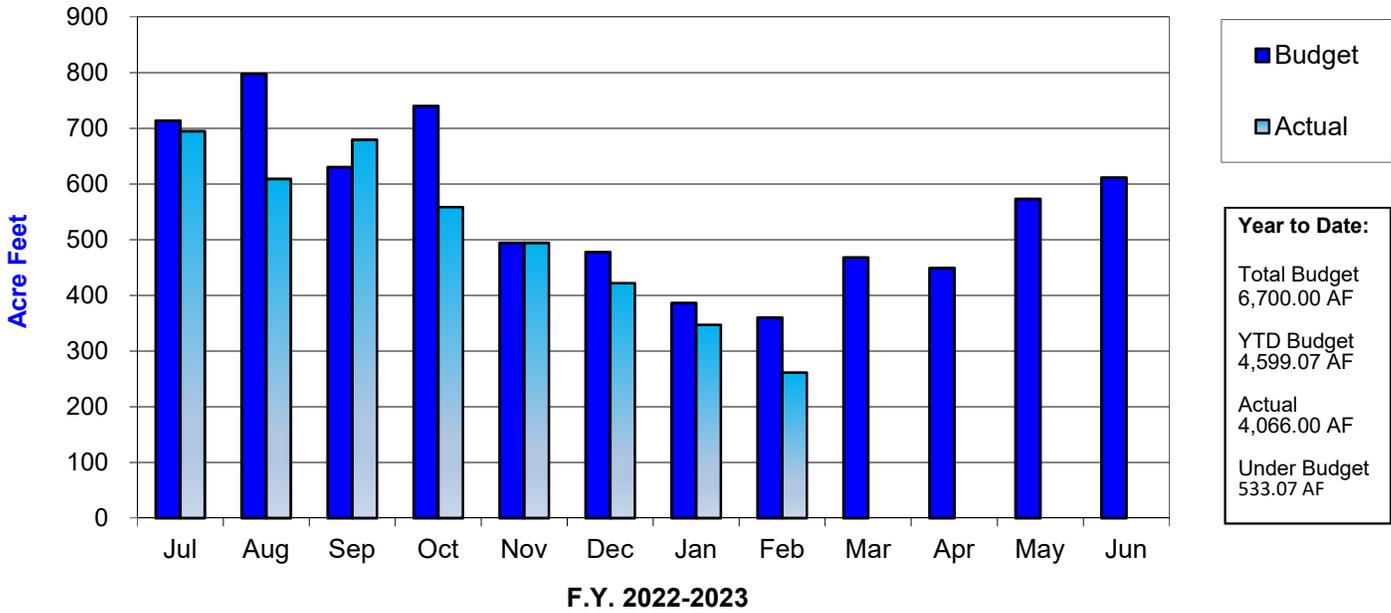
- MWDOC Planning & Operations Committee Meeting
- MWDOC Administration & Finance Committee Meeting
- MWDOC/MET Directors Workshop
- MWDOC Managers Meeting
- WACO Meeting
- TCWD SOCWA Withdrawal Agreement Discussion Meeting
- SOCWMA Management Committee Meeting
- SOCWMA Executive Committee Meeting
- SOCWA Board Meeting
- SOCWA Special Board Meeting
- SOCWA Engineering Committee Meeting
- SOCWA Finance Committee Meeting
- Laguna Woods Village Concerned Citizens Meeting
- Alliance Recruiting Status Report Meeting
- R-6 Cover & Liner Replacement Project Construction Meetings
- Trussel Tech TM Review Meeting
- ETWD Agenda Review Meeting
- ETWD RRC Meeting
- ETWD President/VP/GM Meeting
- ETWD Regular Engineering & Finance Committee Meetings
- ETWD Special Board Meeting
- ETWD Regular Board Meeting
- ETWD All Employee Meeting

## II. DOMESTIC AND RECYCLED WATER SALES

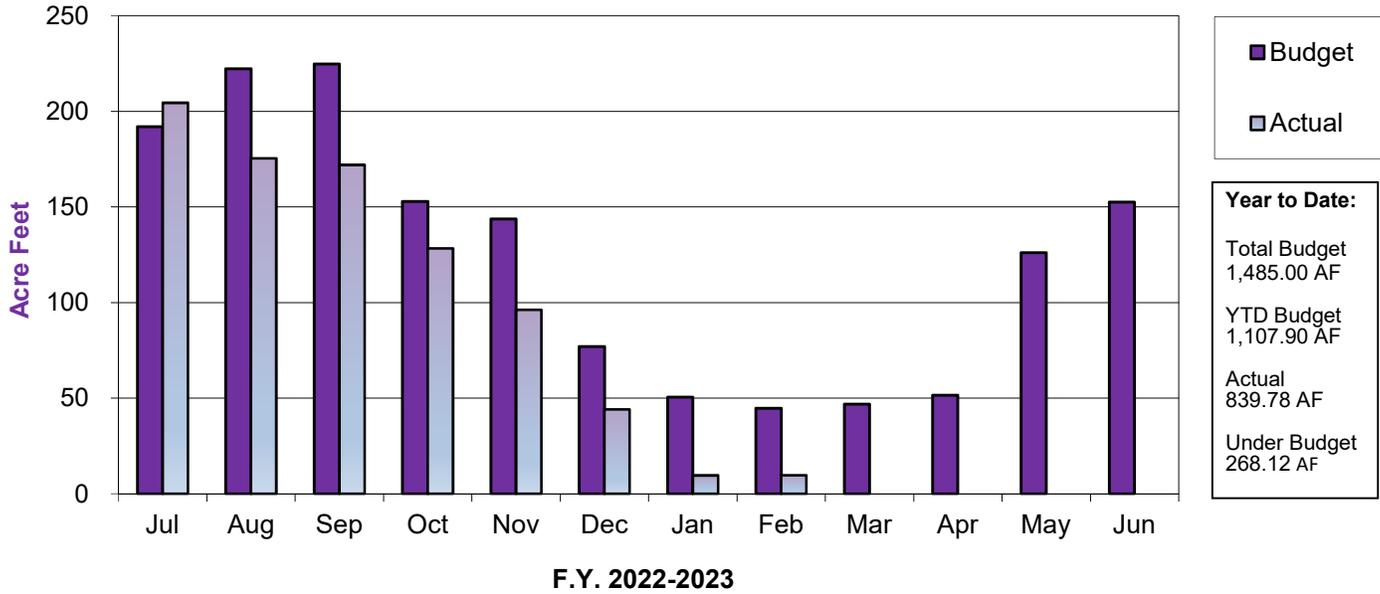
Actual domestic sales for the year-to-date as of February 28, 2023 are 4,066.00 acre-feet. This compares to year-to-date budgeted domestic sales of 4,599.07 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 533.07 acre-feet. Actual sales are 476.87 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of February 28, 2023 are 839.78 acre-feet. This compares to year-to-date budgeted recycled sales of 1,107.90 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 268.12 acre-feet. Actual sales are 205.13 acre-feet lower than last year-to-date actual sales for the same period.

## POTABLE WATER SALES



## RECYCLED WATER SALES



**Customer Service Activity Report**

Regular Service Calls	FEB 2023	FEB 2022	Telephone Calls	FEB 2023	FEB 2022
Serviceman Dispatched to Read, Connect/Disconnect Service	91	36	Change of Service: Connections and Disconnections	45	47
<b>Field Investigations:</b>			Billing / Payments & Graph Inquires	275	83
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	7	3
Customer Responsible	7	15	Variance / Adjustment Inquiries	21	12
District Responsible	1	6	Variance / Adjustment Requests Processed	12	6
None found/other	0	3	Ordinance Infraction / Water Waste Complaints	0	1
High Reads Checked - High Consumption (Billing Dept.)	31	27	Outside Utility Districts	36	31
Cust Leaks: _24 No Leaks: 7			Phone calls Transfer to other Departments within ETWD	49	31
Check Stopped Slowed Meters-Low Consumption (Billing)	3	9	Phone calls for the Board of Directors	0	0
Re-Check Read	8	10	Recycled Water	0	0
Ordinance Infraction	0	0	Water Quality Taste - Odor - Color	0	1
Recycled Water	0	0	Leaks / Breaks	18	8
Water Quality: Taste / Odor / Color	0	3	Flooding Meter calls (Hydrant)	0	0
Phone response: _0_ Field response: _1_			Sewer Problems (odor / spills)	3	3
Flooding (Hydrant) Meters issued	1	0	Backflow / Cross Connection (questions or yearly testing forms)	8	0
Sewer - Odor/Stoppage/ Manhole Covers	1	3	ETWD facilities inquiries:		
Meter Box: Lids / Covers Replaced	6	7	Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	0	1
Meter Box Clean, Digout	1	2	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	0
Raised Meter Box	0	2	ATT Calls (access to tower sites)	0	0
Trim Bushes / Meter Obstruction	0	1	SCE Calls (access to tower sites)	1	0
General Maintenance Response	9	1	Pager Calls specifically for Pump Stations - SCADA	0	0
Fire Hydrants: Hit / Leaks / Caps	1	1	Payment Extensions	32	3
Pressure(psi) Checks / Reads	0	0	Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	52	221
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	3	4	Return Calls from customers left on our voice mail system. Ext 500	13	5
AMS angle-meter-stop replace/repair	0	1	Email Correspondence:	28	43
Bees Removed	4	3	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	4	7
Backflow / Cross Connection	8	2	Misc. (other: employment, deliveries, sales calls)	10	13
Fogged Registers	11	0	Payment Processing Fee Complaints	0	0
OMCOP: Old Meter Change - Out Program	0	3	Customers Complaints non bill related.	2	
Other: (uncommon non-maintenance calls)	0	10	Billing Disputes	1	
On-Call After Hrs. CS Response	17	18			
# Posting Notice & 24 Hr. Door Hangers Hung	104	0			
#Shut Offs/Disconnect for Non-Payment (DNP)	13	0			
Removed Meter	0	0			
New Meter	1	0			
Unread Meters	1	5			
<b>Total Field Investigations</b>	<b>322</b>	<b>172</b>	<b>Total Telephone Calls</b>	<b>617</b>	<b>519</b>

**Uncollectible Accounts:**

			Credit Card Payments		
	FEB 2023	FEB 2022		FEB 2023	FEB 2022
Budget YTD	\$ 13,333.00	\$ 13,333.00	REGULAR	1319.00	\$215,938.53 1,026
Actual YTD	\$ 9,756.00	\$ 1,199.00			\$173,577.83

# (WRP) Tertiary Treatment Plant

February-23

## Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q, MGD	0.085	0.288	0.094	0.467
Total Q, MG	2.377	8.050	2.620	13.047
Total Acre Feet	7.295	24.705	8.040	40.040

**Note: No potable water was used to supplement the demand for recycled water in February**

# Weekly Water Quality System Status

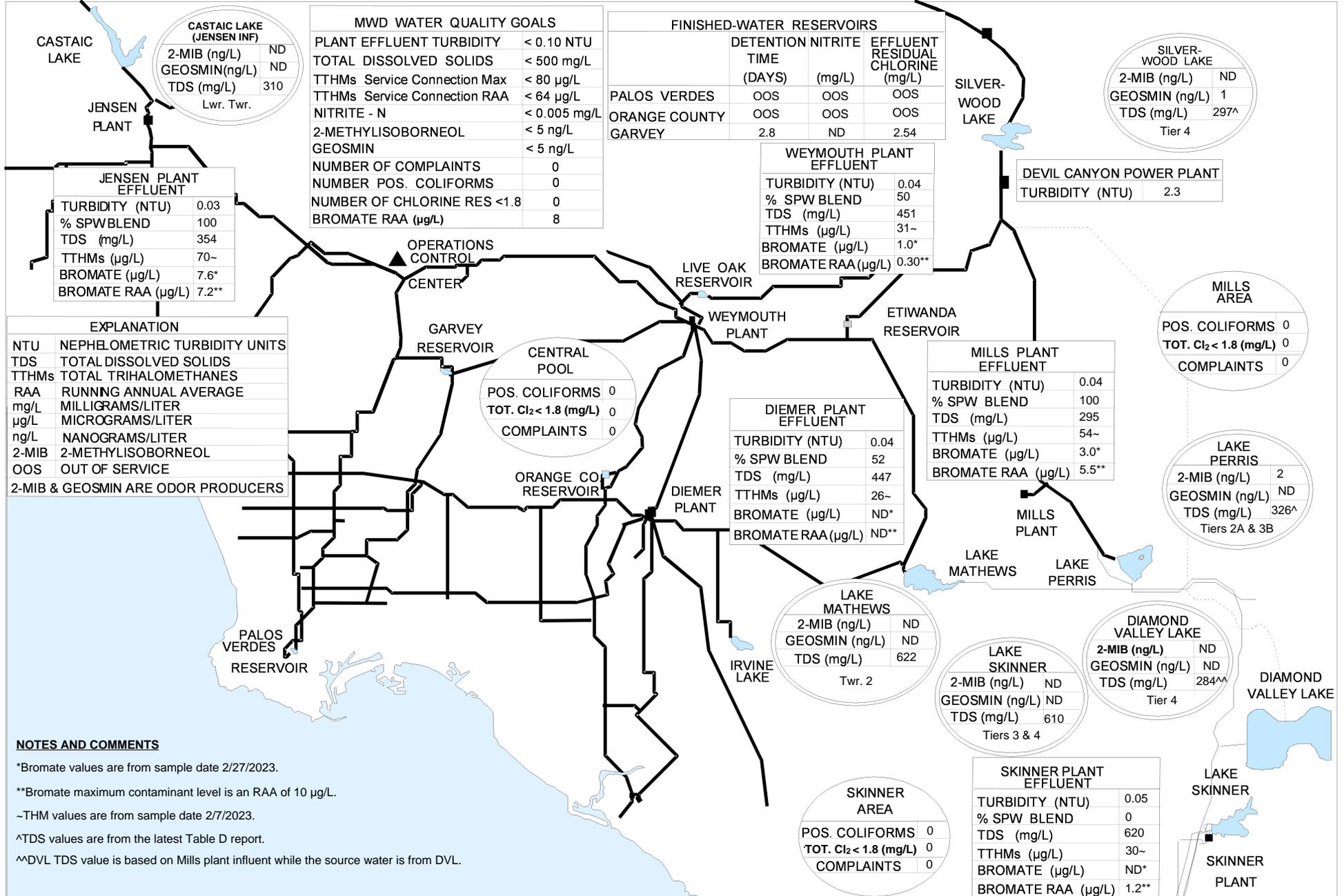
Wednesday, March 8, 2023

Generated On:3/8/2023 9:55:01 AM



THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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



**NOTES AND COMMENTS**

- \*Bromate values are from sample date 2/27/2023.
- \*\*Bromate maximum contaminant level is an RAA of 10 µg/L.
- ~THM values are from sample date 2/7/2023.
- ^TDS values are from the latest Table D report.
- ^^DVL TDS value is based on Mills plant influent while the source water is from DVL.

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

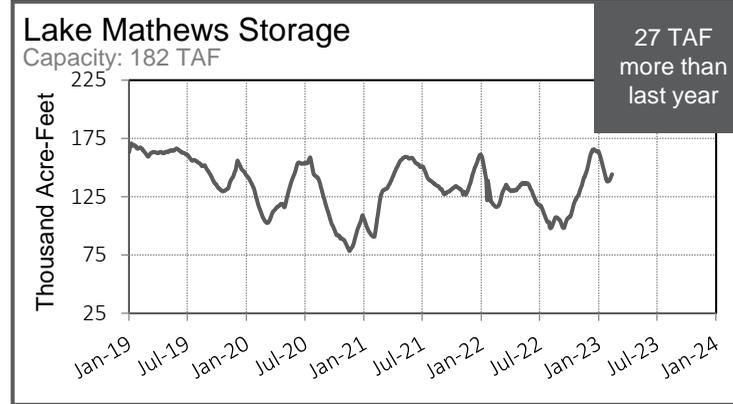
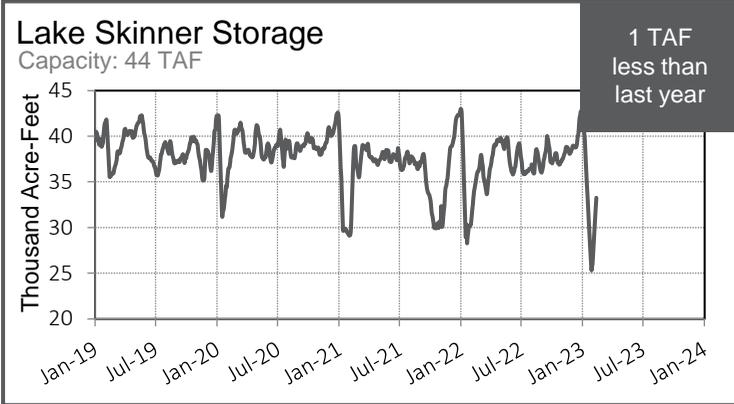
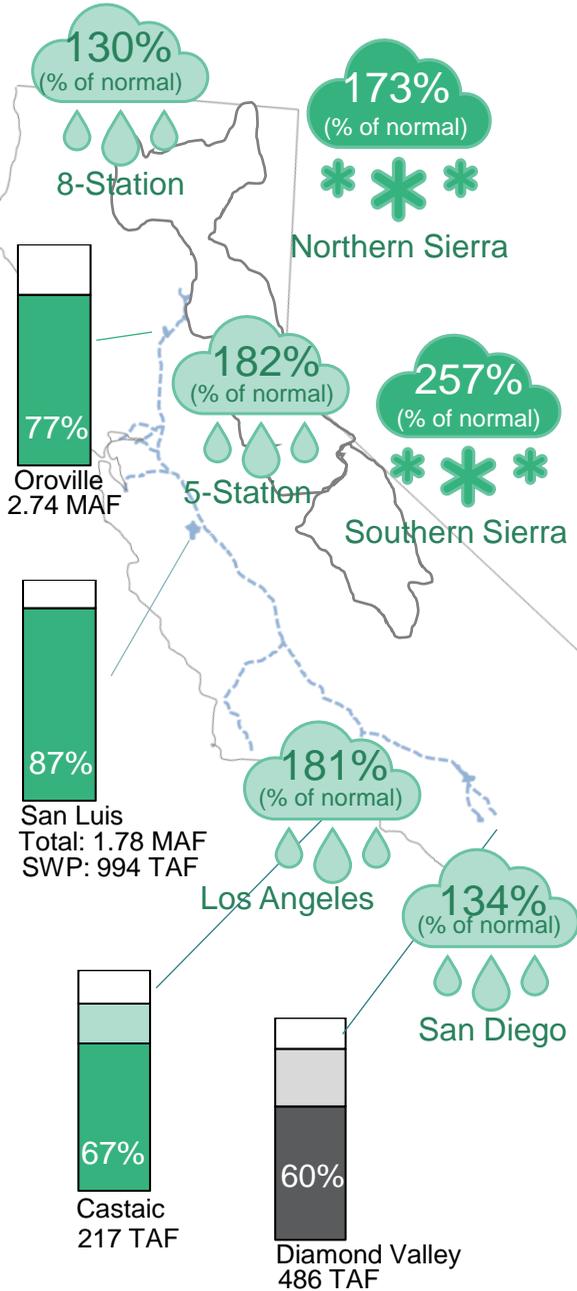
WATER QUALITY INFORMATION LINE: (800) 354-4420  
VISIT MWD ON THE WEB AT <http://www.mwdh2o.com>



SWP Table A – 35% - 669,025 AF

Projected CRA Diversions – 991,000 AF

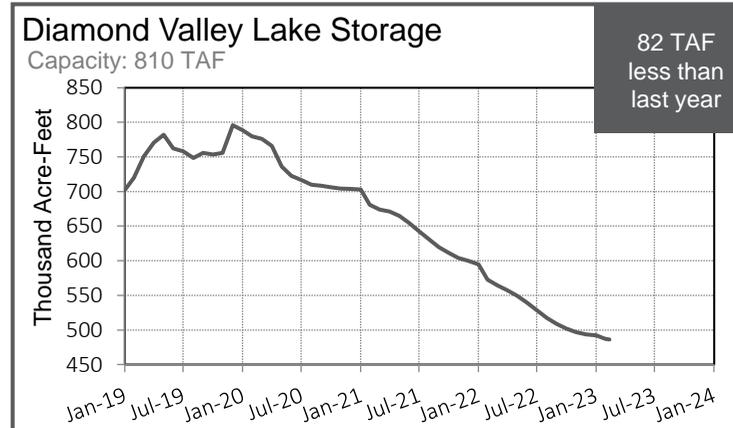
## Metropolitan Resources



### MWD WSDM Storage

Calendar Year 2023

	2023 Take Capacity
Colorado River Aqueduct Delivery System	TBD
State Water Project System	158 TAF
In-Region Supplies and WSDM Actions	329 TAF
Other Programs	40 TAF
<b>Total WSDM Projected Storage Take</b>	<b>527 TAF</b>



## Highlights

- Northern Sierra snowpack is at 166% of April 1 average or 173% for this day
- Oroville Reservoir is at 77% of capacity or 1.12 MAF more than this day last year
- SWP share of San Luis Reservoir is at 994 TAF or 94% of the SWP capacity



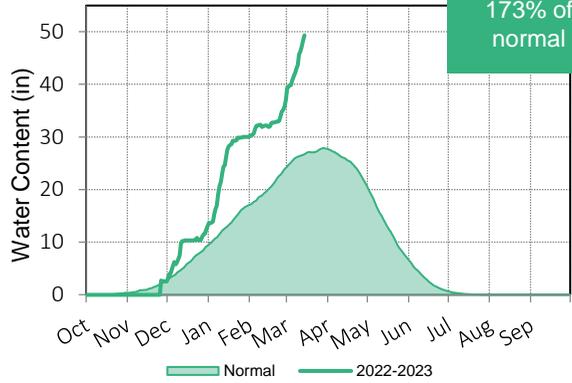
This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. Questions? Email [mferreira@mwdh2o.com](mailto:mferreira@mwdh2o.com)

# State Water Project Resources

As of: 03/13/2023

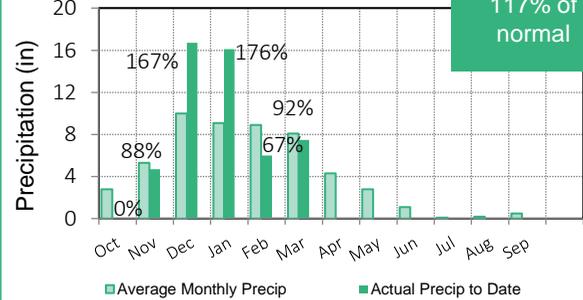
## Northern Sierra Snowpack

48.4 in  
173% of normal



## 8 Station Index Precipitation

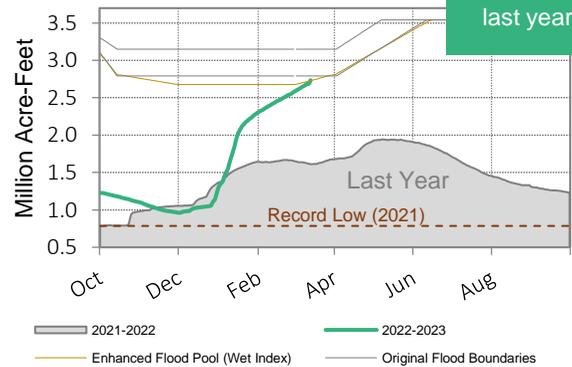
42.3 in  
117% of normal



## Oroville Reservoir Storage

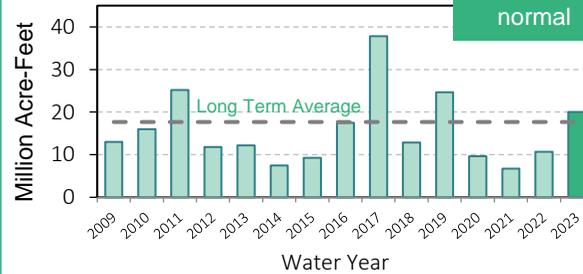
Capacity: 3.54 MAF

1.12 MAF  
more than last year



## Sacramento River Runoff

Forecast:  
114% of normal



## Other SWP Supplies

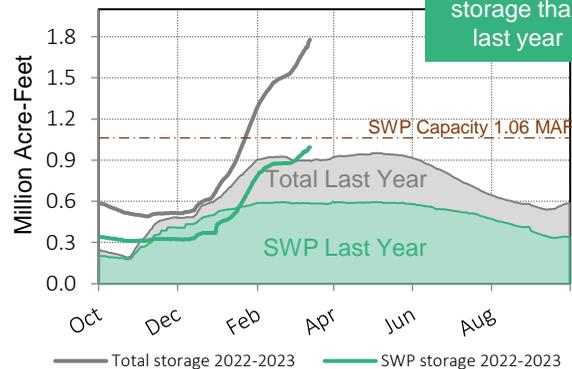
Calendar Year 2023

Carryover 31,000 AF

## San Luis Reservoir Storage

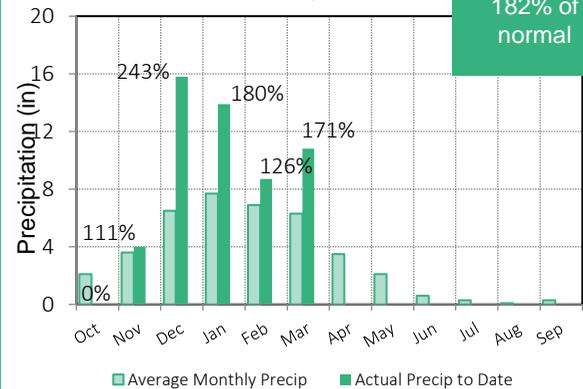
Capacity: 2.04 MAF

407 TAF  
more SWP  
storage than last year



## 5 Station Index Precipitation

53.2 in  
182% of normal

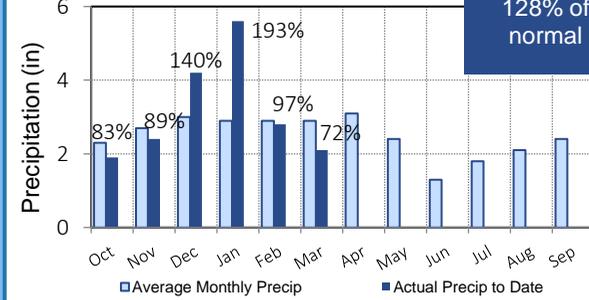


# Colorado River Resources

As of: 03/13/2023

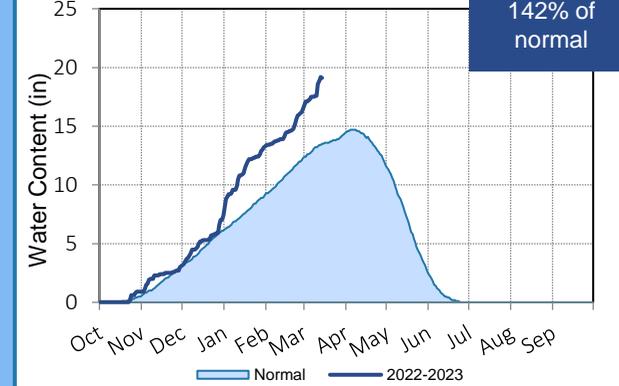
## Upper Colorado Precipitation

19.0 in  
128% of normal



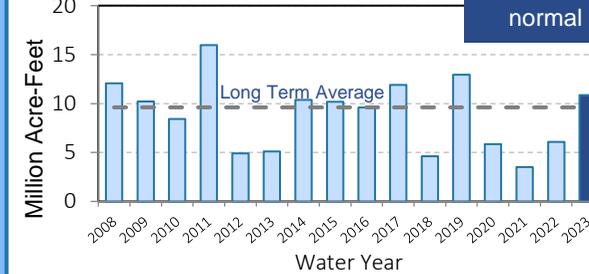
## Upper Colorado Snowpack

19.2 in  
142% of normal



## Powell Unregulated Inflow

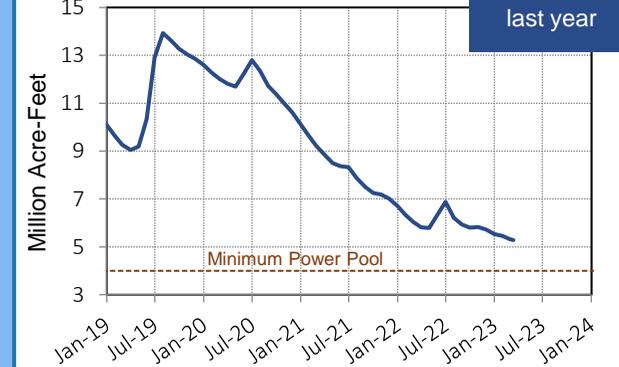
Forecast:  
113% of normal



## Lake Powell Storage

Capacity: 24.3 MAF

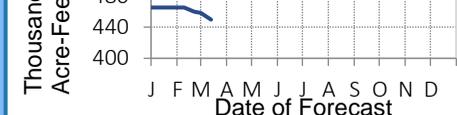
650 TAF  
less than last year



## PVID/Yuma Agricultural Use

Annual Forecasted for 2023

Forecasted  
Use for 2023:  
449 TAF



## Projected Lake Mead ICS

Calendar Year 2023

Put (+) / Take (-)  
Zero

## Lake Mead Surplus/Shortage Outlook

	2023	2024	2025	2026
Surplus	0%	0%	0%	0%
Shortage	100%	93%	93%	93%
Metropolitan		60%	67%	60%
DCP*		250 TAF	263 TAF	278 TAF

Likelihood based on results from the January 2023 CRMS in Ensemble Model/CRSS model run. Includes DCP Contributions.  
\* Chance of required DCP contribution by Metropolitan. Volume is average contribution when needed.

## Lake Mead Storage

Capacity: 26.1 MAF

1.40 MAF  
less than last year



# MICROBIOLOGICAL MONITORING

## February 2023

### PRESSURE ZONE LEGEND

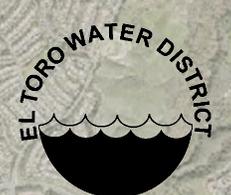
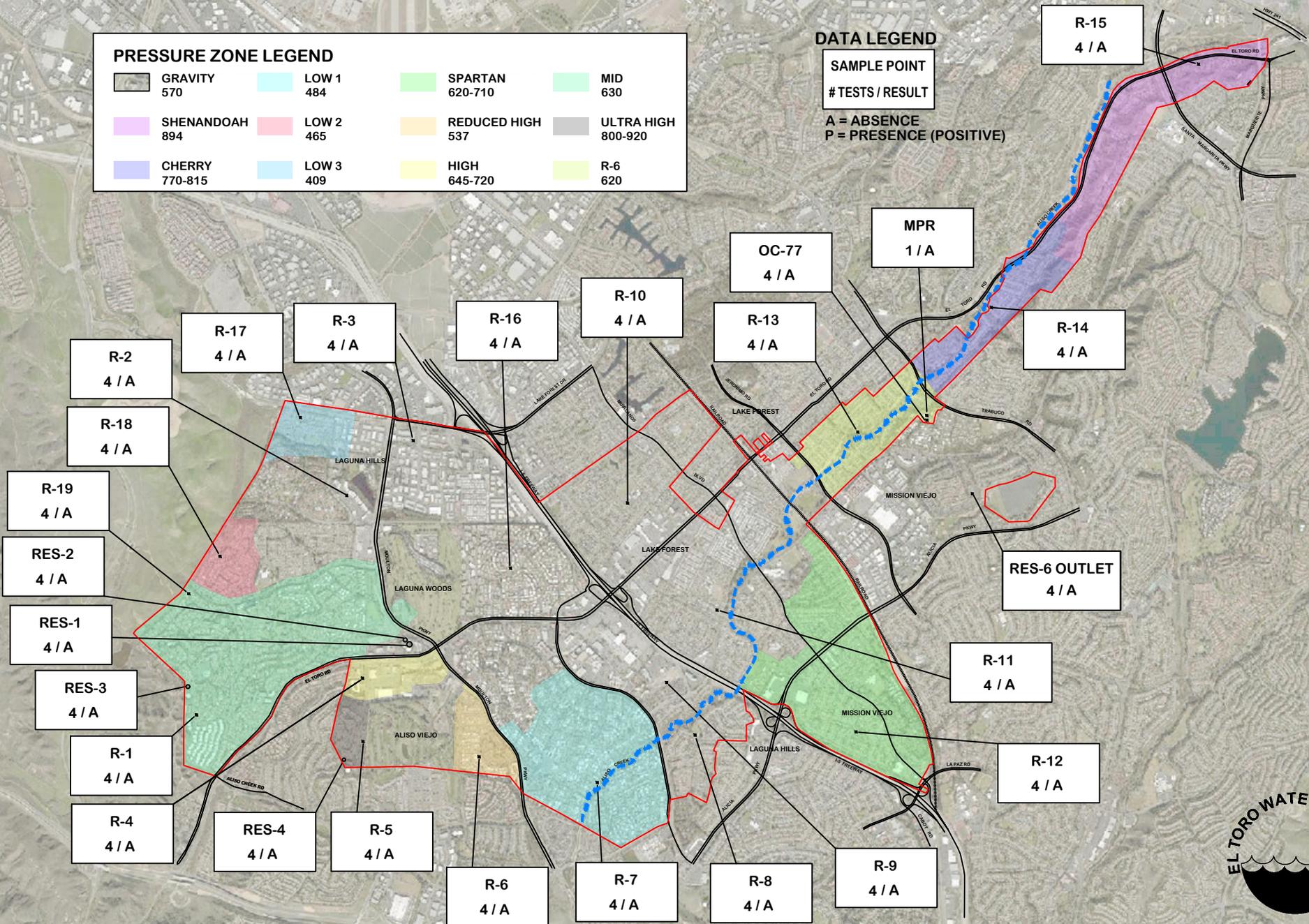

### DATA LEGEND

#### SAMPLE POINT

# TESTS / RESULT

A = ABSENCE

P = PRESENCE (POSITIVE)



# CHLORINE RESIDUAL MONITORING

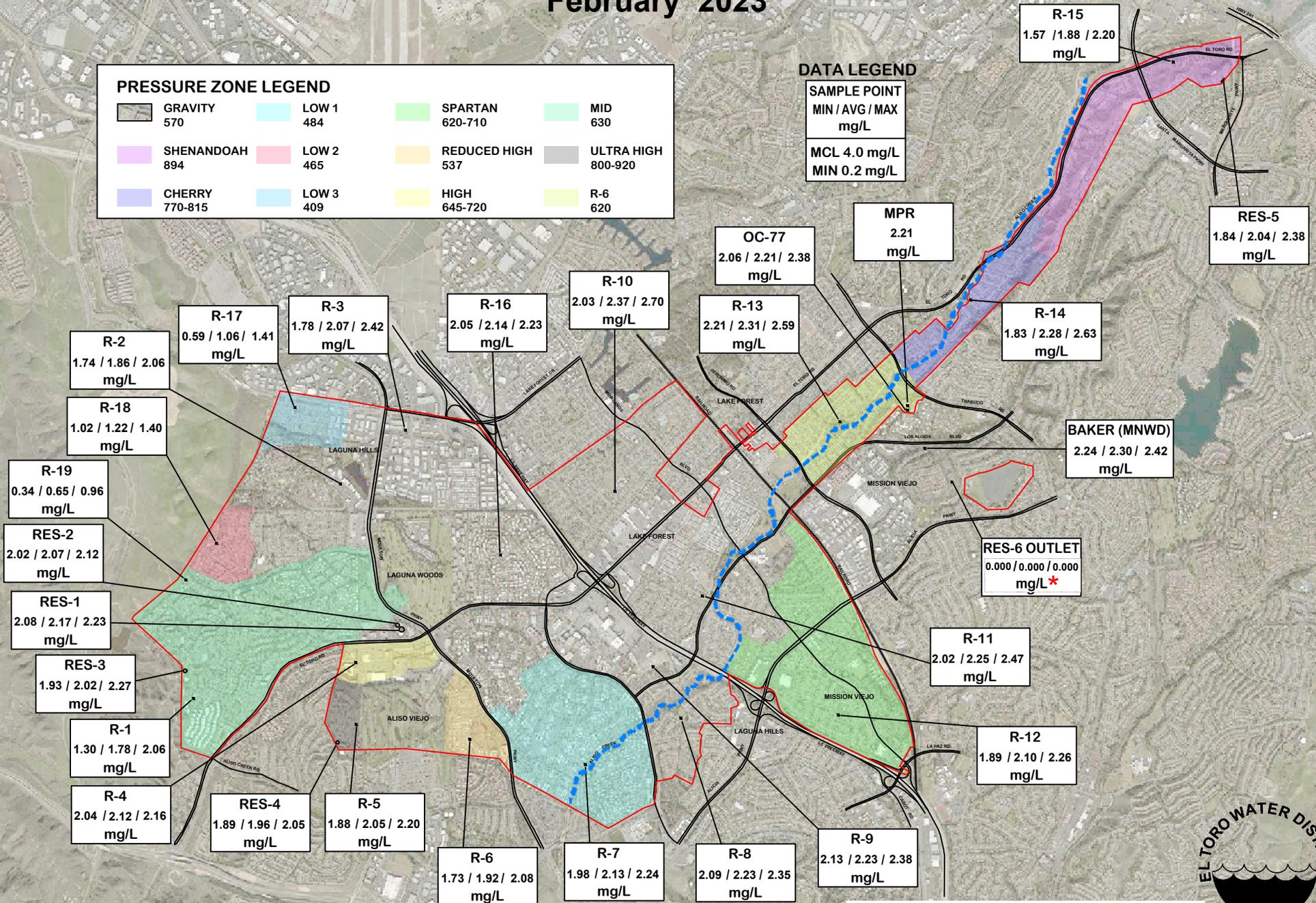
## February 2023

### PRESSURE ZONE LEGEND

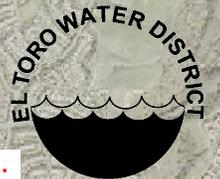
GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

### DATA LEGEND

<b>SAMPLE POINT</b>
MIN / AVG / MAX
mg/L
<b>MCL 4.0 mg/L</b>
<b>MIN 0.2 mg/L</b>



\* Res-6 is offline due to CIP project:  
"R-6 Reservoir Floating Cover"



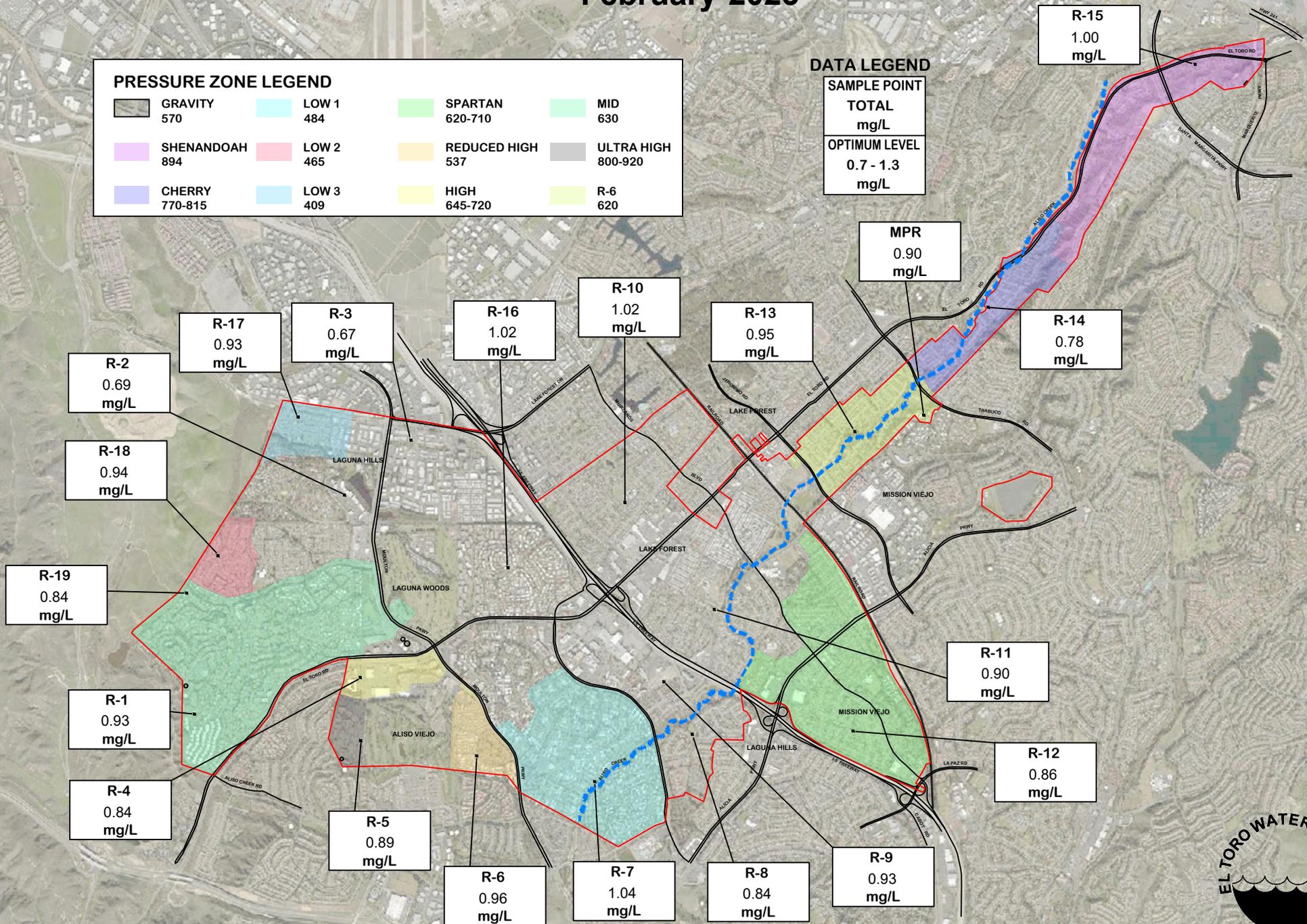
# FLUORIDE MONITORING

## February 2023

PRESSURE ZONE LEGEND			

### DATA LEGEND

SAMPLE POINT
TOTAL mg/L
OPTIMUM LEVEL 0.7 - 1.3 mg/L



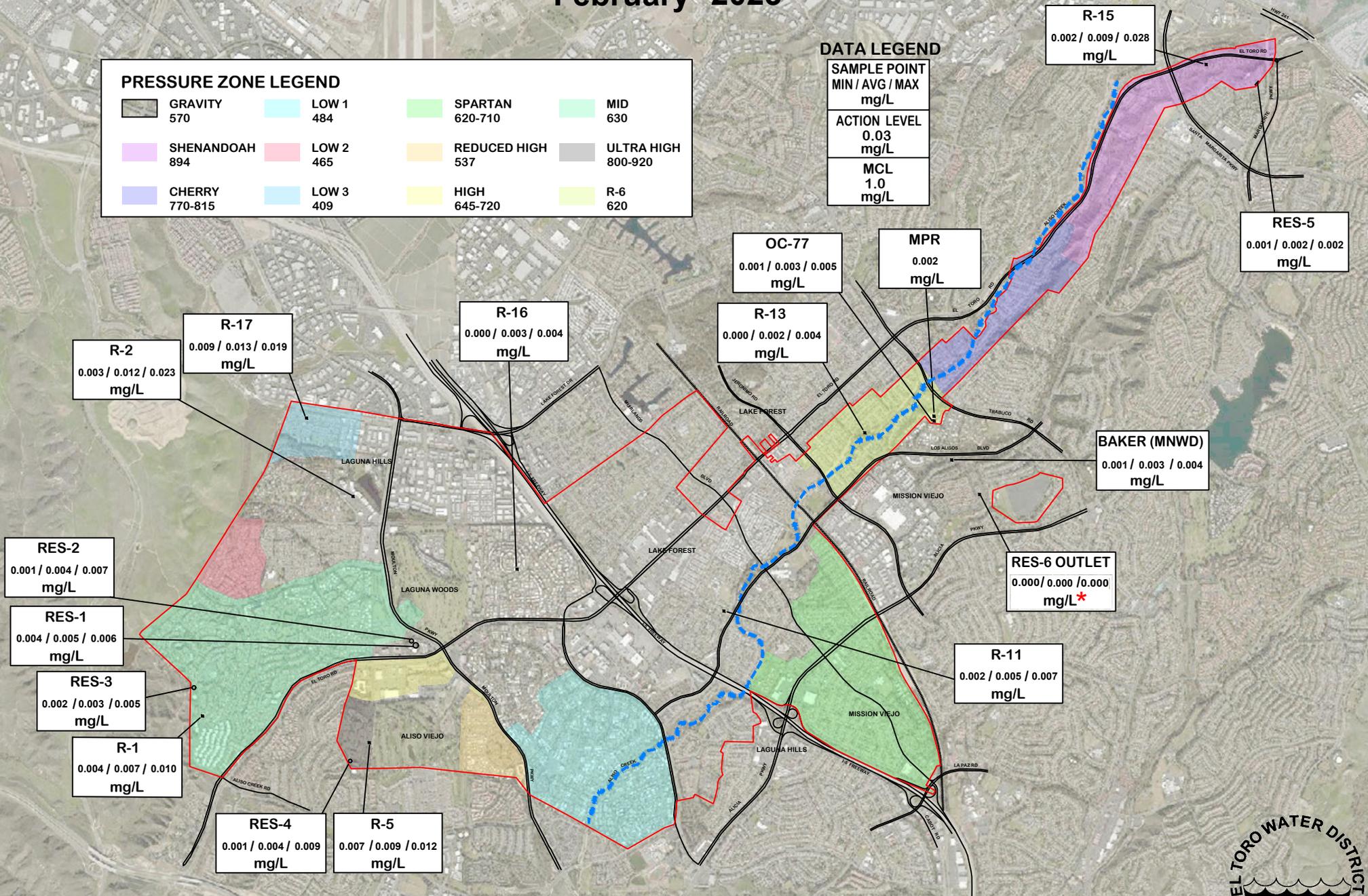
# NITRITE MONITORING

February 2023

PRESSURE ZONE LEGEND			

## DATA LEGEND

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



\* Res-6 is offline due to CIP project: "R-6 Reservoir Floating Cover"



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

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

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

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

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

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

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

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

EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS					
CONSTITUENT ANALYSIS	MONTH:	FEBRUARY		YEAR : 2023	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	140	Absence		Average
2 Chlorine (ppm) In Field	Detectable Resid	94	Average = 1.93 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb				ppm
3 HAA5 (ppb) (Stage 2)	60 ppb				ppm
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.01 to 0.08 Res.		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	59°F To 65°F		
5 Nitrite (Alert/Action level) ppm	0.015 to 0.030 ppm	92	0.000 to 0.028		

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

**Abbreviations:**

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



**INFORMATION ITEM**  
March 8, 2023

**TO: Administration & Finance Committee**  
(Directors Crane, Dick, Thomas)

**FROM: Harvey De La Torre, Interim General Manager**

Staff Contact: Kevin Hostert

**SUBJECT: Monthly Water Usage Data and Water Supply Info.**

**STAFF RECOMMENDATION**

---

Staff recommends the Administration & Finance Committee receive and file this information.

**COMMITTEE RECOMMENDATION**

---

Committee recommends (To be determined at Committee Meeting)

**REPORT**

---

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

- OC Water Usage, Monthly by Supply **OCWD Groundwater was the main supply in January.**
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in January **2023 was below average compared to the last 5 years.** We are projecting a decrease in overall water usage compared to FY 2021-22. On July 8<sup>th</sup> 2021, state officials have ask California residents to voluntary reduce their water usage by 15% compared to 2020 levels.
- Historical OC Water Consumption Orange County M & I water consumption is **projected to be 515,000 AF in FY 2022-23** (this includes ~11 TAF of agricultural usage and non-retail water agency usage). This is about **31,500 AF less than FY 2021-22** and is about **45,000 AF less than FY 2020-21**. Water usage per person is projected to be slightly lower in **FY 2022-23 for Orange County at 145 gallons per day** (This includes recycled water usage). Although OC population has increased

<b>Budgeted (Y/N):</b> N	Budgeted amount: N/A	Core <u>X</u>	Choice <u>__</u>
<b>Action item amount:</b> N/A		Line item:	
<b>Fiscal Impact (explain if unbudgeted):</b>			

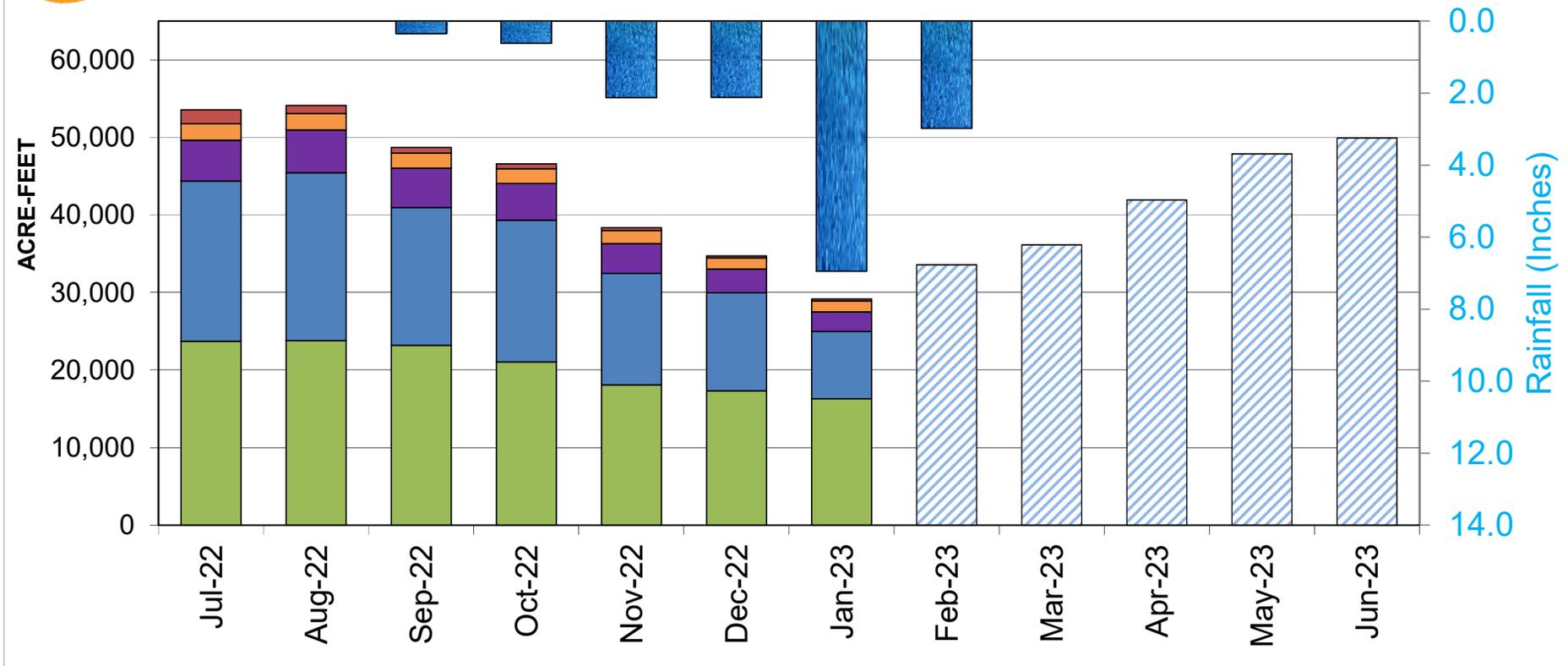
20% over the past two decades, water usage has not increased, on average. A long-term decrease in per-capita water usage is attributed mostly to Water Use Efficiency (water conservation) efforts. ***O.C. Water Usage has declined significantly since the FY 2013-14. Since FY 2013-14 average O.C. Annual Water usage is 535,000 AF, a decline of 86,500 AF since FY 2013-14.***

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

- Orange County's accumulated precipitation through ***early March was above average*** for this period. Water year to date rainfall in Orange County is ***15.39 inches***, which is ***162% of normal***.
- Northern California accumulated precipitation through ***early March was 124% of normal for this period***. Water Year 2022 was 48% of normal while water year 2021 was 86% of normal. The ***Northern California snowpack was 157% as of March 1<sup>st</sup>, 2023. As of late February, 84.63%*** of California is experiencing ***moderate to severe drought conditions***. ***0.0%*** of California is experiencing ***extreme to exceptional drought conditions***. The State Water Project Contractors Table A Allocation was increased to 35% as of February for WY 2023.
- Colorado River Basin accumulated precipitation through ***early March was 120% of normal*** for this period. The ***Upper Colorado Basin snowpack was 122% of normal*** as of March 1<sup>st</sup> 2023. ***Lake Mead and Lake Powell*** combined have about ***38.0% of their average storage volume*** for this time of year and are at ***25.5% of their total capacity***. For the first time on the Colorado River, Lake Mead's ***levels have fallen below the "trigger" limit of 1,075 ft. at the end of a calendar year***. The US Bureau of Reclamation (USBR) has declared a shortage at Lake Mead, impacting Colorado River water deliveries to the Lower Basin states. Lake Mead as of early February was ***27.98' BELOW the "trigger" limit***. The USBR has declared a ***shortage on the Colorado River that started on January 1<sup>st</sup> 2022. There is a 93% chance of shortage continuing in 2024, 93% in 2025 and 93% in 2026***. Lake Mead as of early March was ***2.98' ABOVE the State of California "trigger" limit. There is a 60% chance of mandatory cutbacks for California in 2023 (-250 TAF), 67% in 2025 (-263 TAF) and 60% in 2026 (-278 TAF)***.



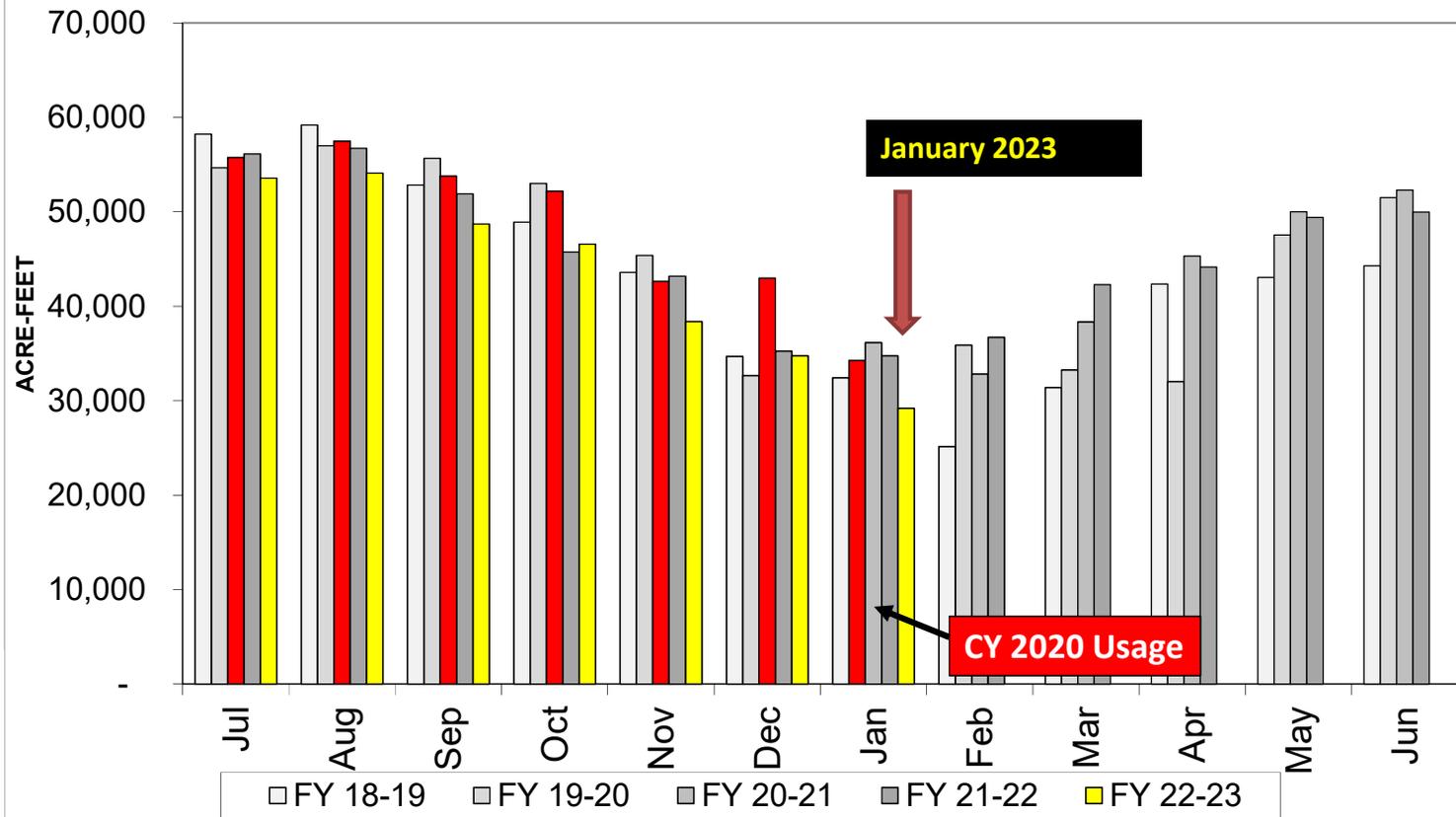
**Fig. 1 OC Water Usage, Monthly by Supply with projection to end of fiscal year**



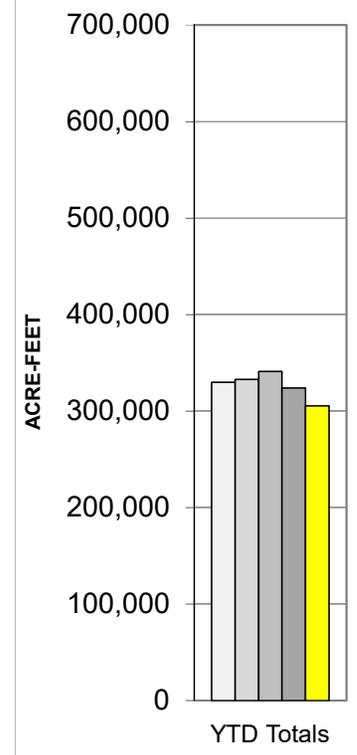
- [1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water and deliveries into Irvine Lake.
- [2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '22-23 is 85%.
- [3] MWDOC's estimate of monthly demand is based on the projected 5 Year historical retail water demand and historical monthly demand patterns.
- [4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.



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



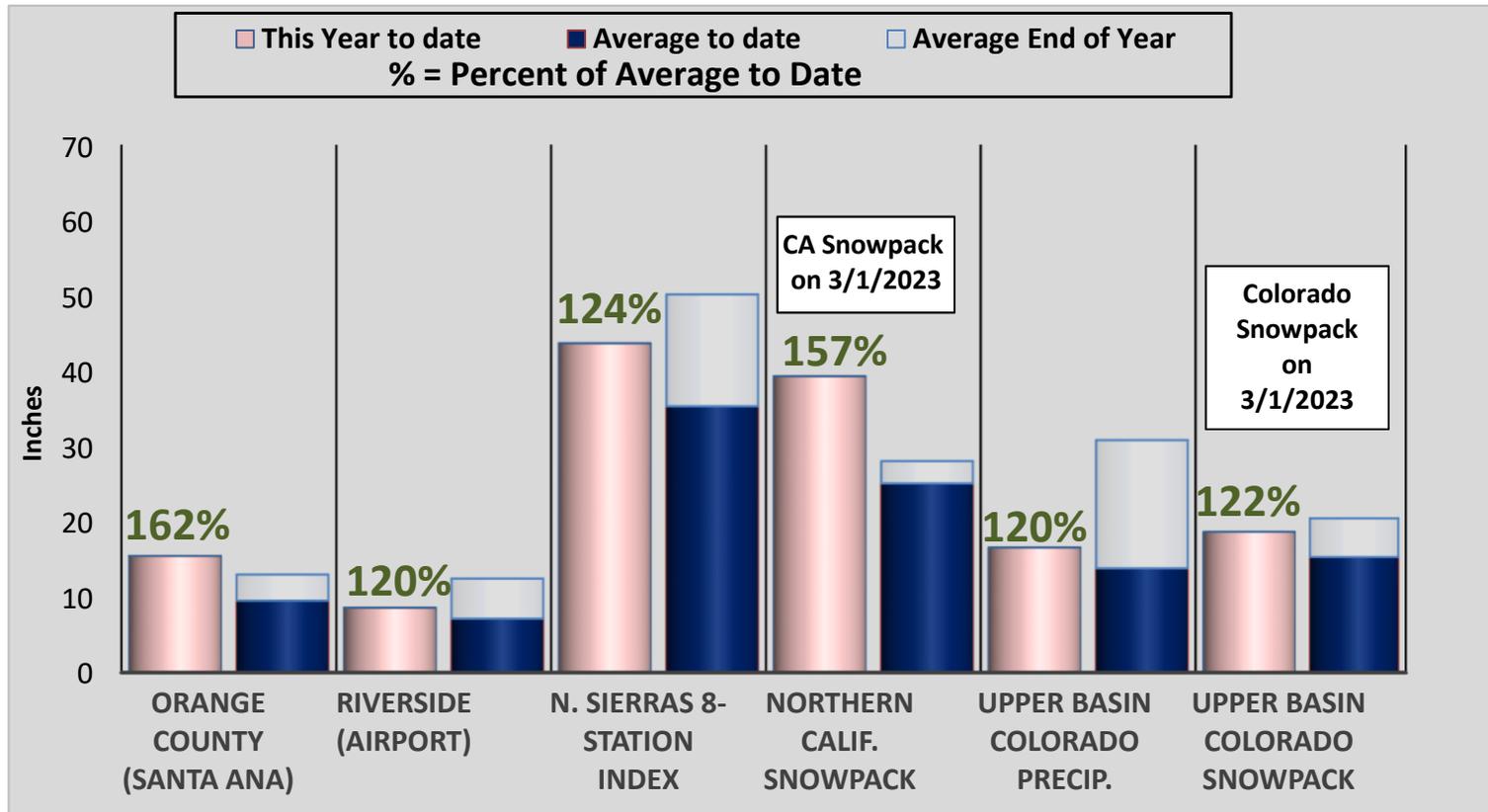
**Partial Year Subtotals**



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

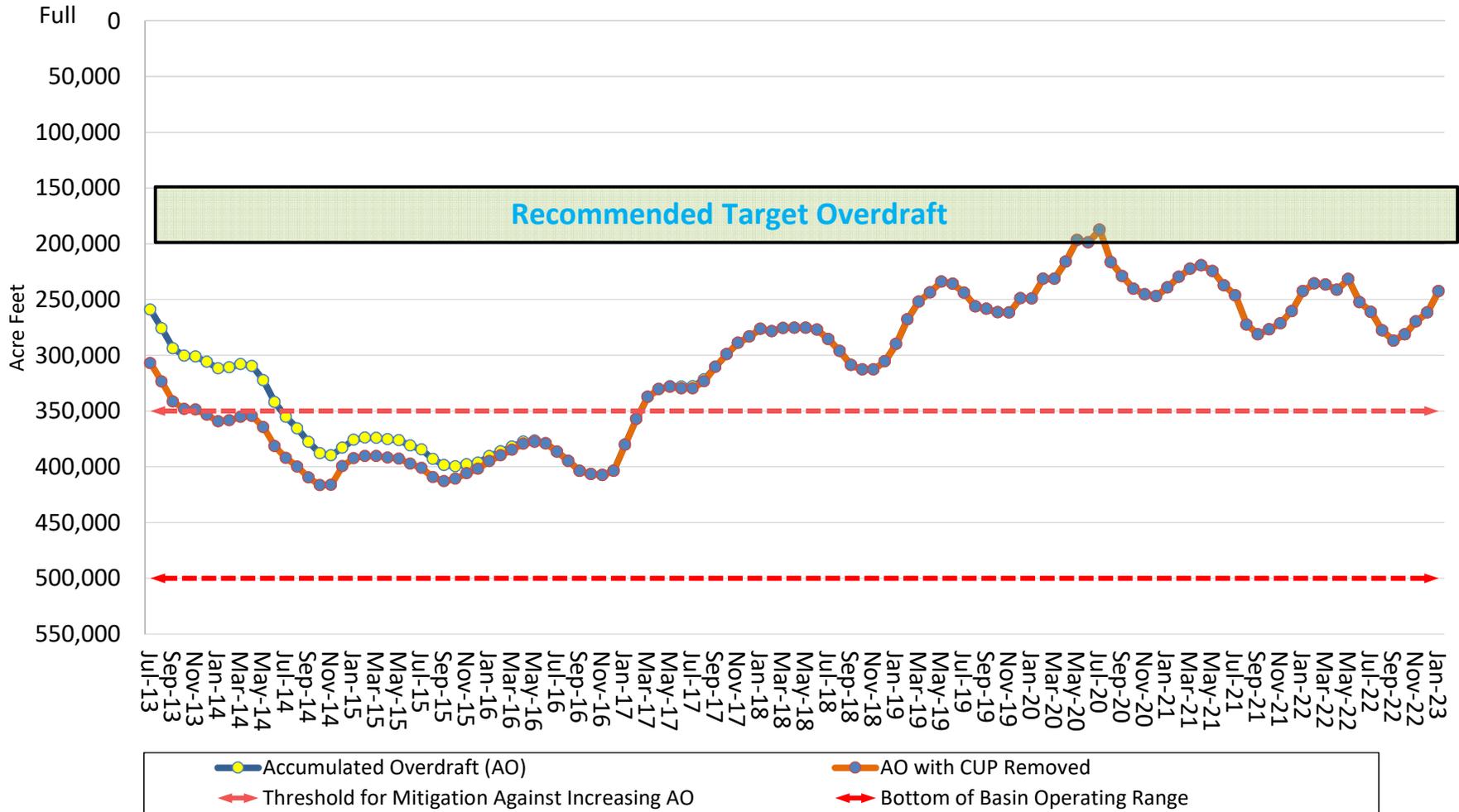
# Accumulated Precipitation

## for the Oct.-Sep. water year, early of March 2023



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

## Accumulated Overdraft of the OCWD Groundwater Basin as of January 2023



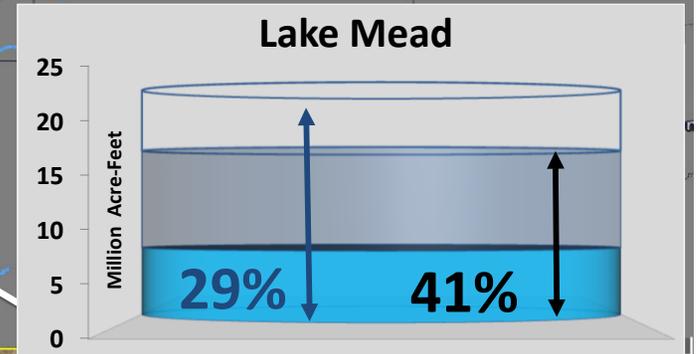
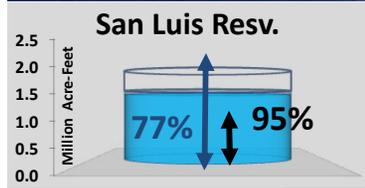
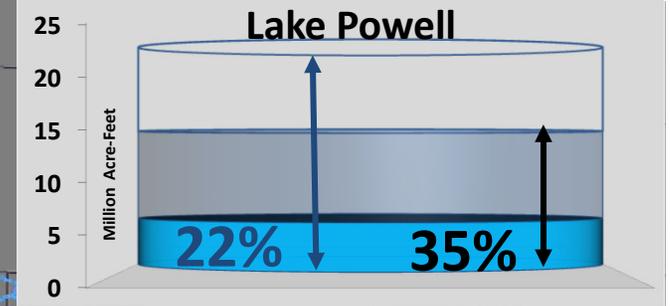
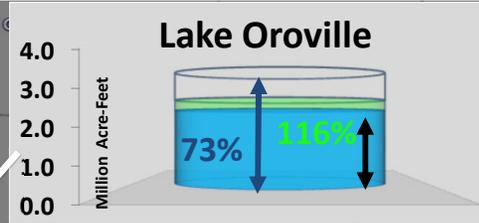
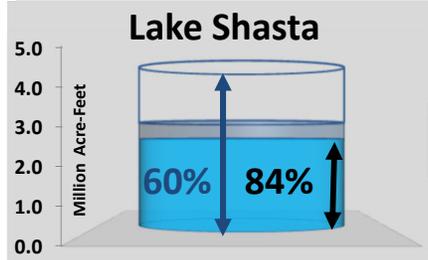
	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
AO (AF)	246,350	272,443	281,354	276,909	271,455	260,387	242,511	235,744	236,708	241,450	231,699	252,348
AO w/CUP removed (AF)	246,350	272,442	281,354	276,909	271,455	260,387	242,510	235,744	236,708	241,450	231,699	252,348
	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
AO (AF)	261,145	277,756	286,988	281,407	269,746	261,614	242,610					
AO w/CUP removed (AF)	261,145	277,756	286,986	281,407	269,746	261,614	242,610					

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

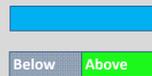


# State Water Project, Colorado River, and MWD Reservoir Storage

as of March 1, 2023



Reservoir Storage  
 Historical Reservoir Storage

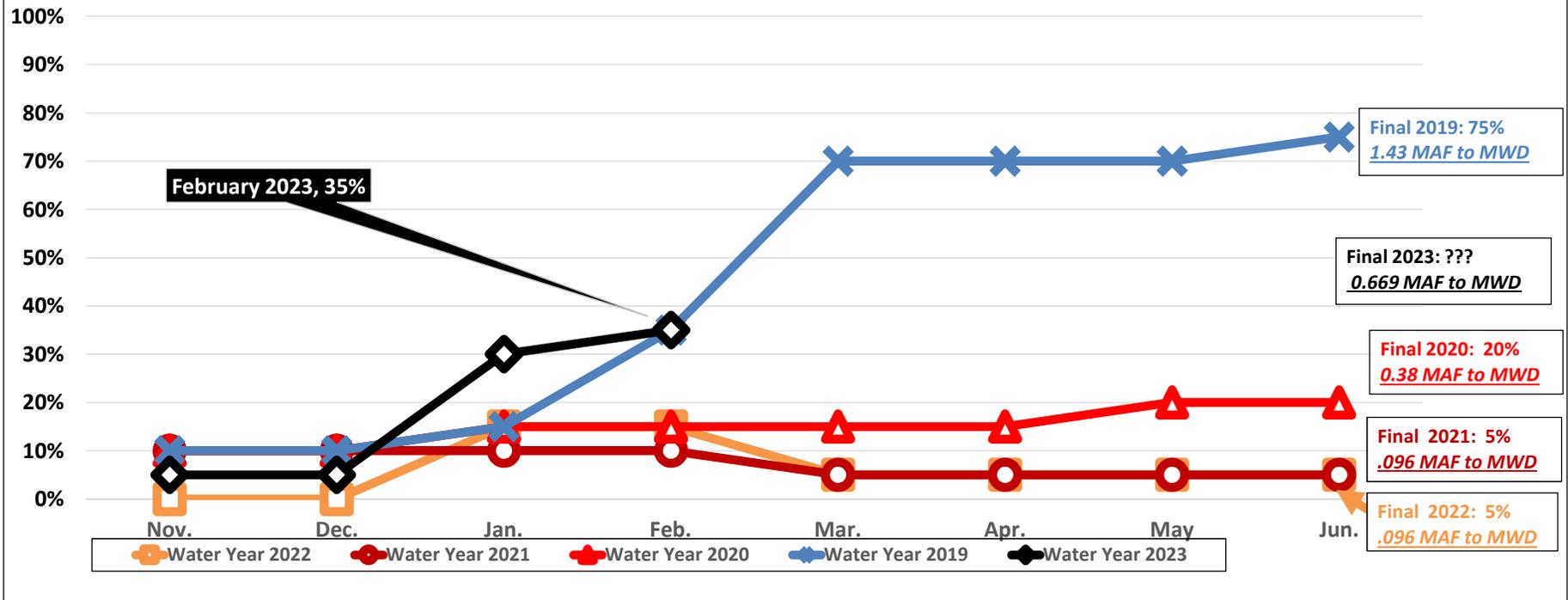


SWP Take Capacity = 0.096 MAF  
 CRA Take Capacity = TBD MAF  
 In Region Take Capacity = 0.355 MAF

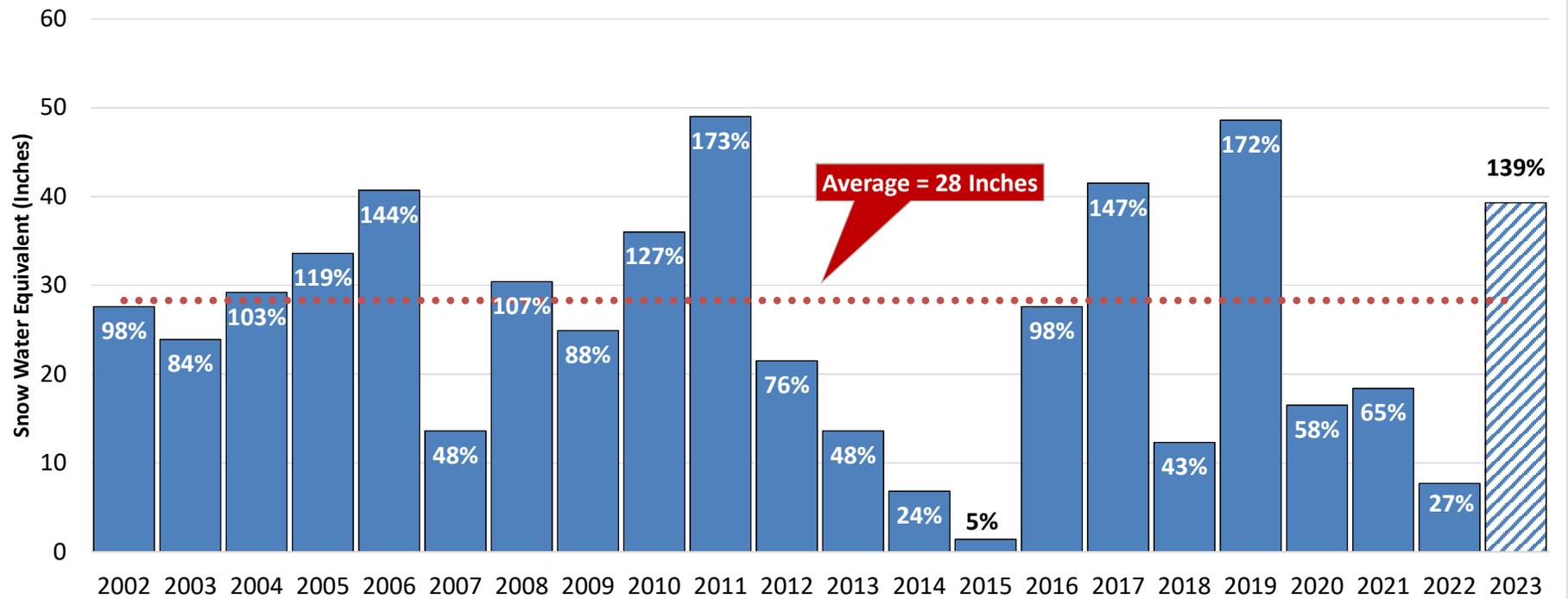


# SWP TABLE A ALLOCATION PERCENTAGE

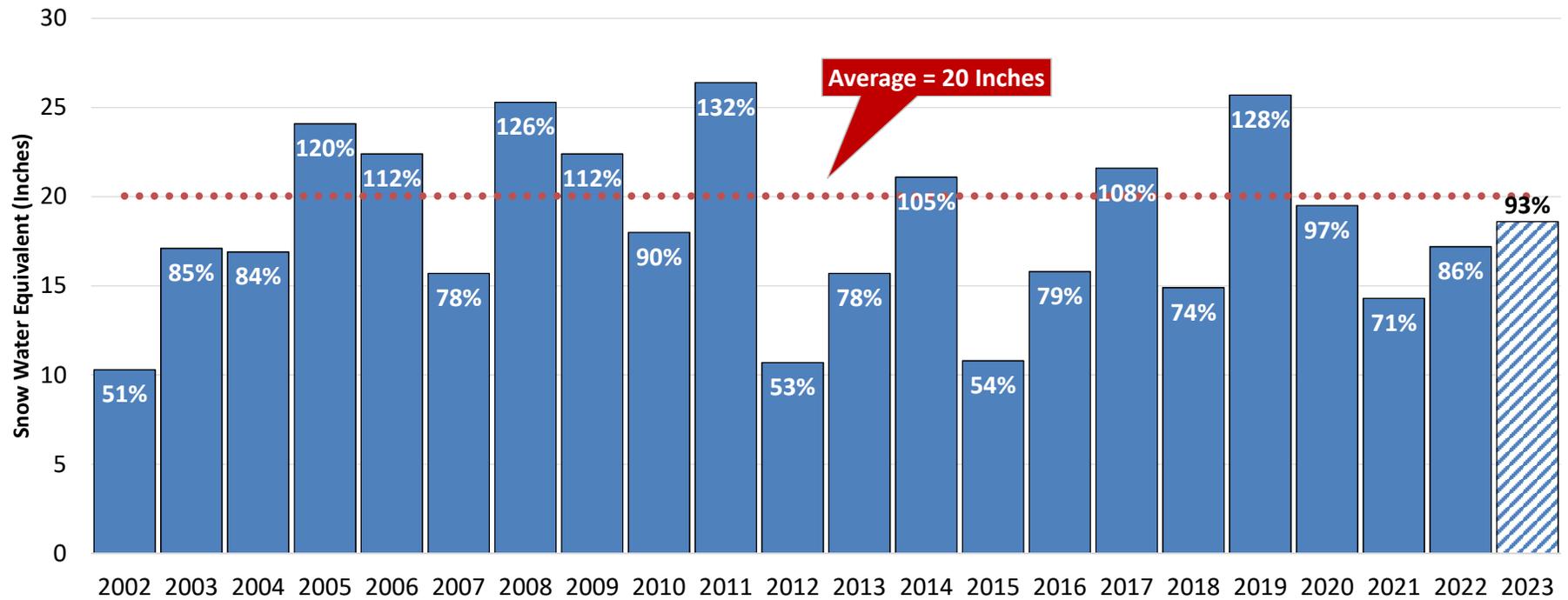
FOR STATE WATER PROJECT CONTRACTORS



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



### Historical Colorado Basin April 15th Peak Snow Water Equivalent

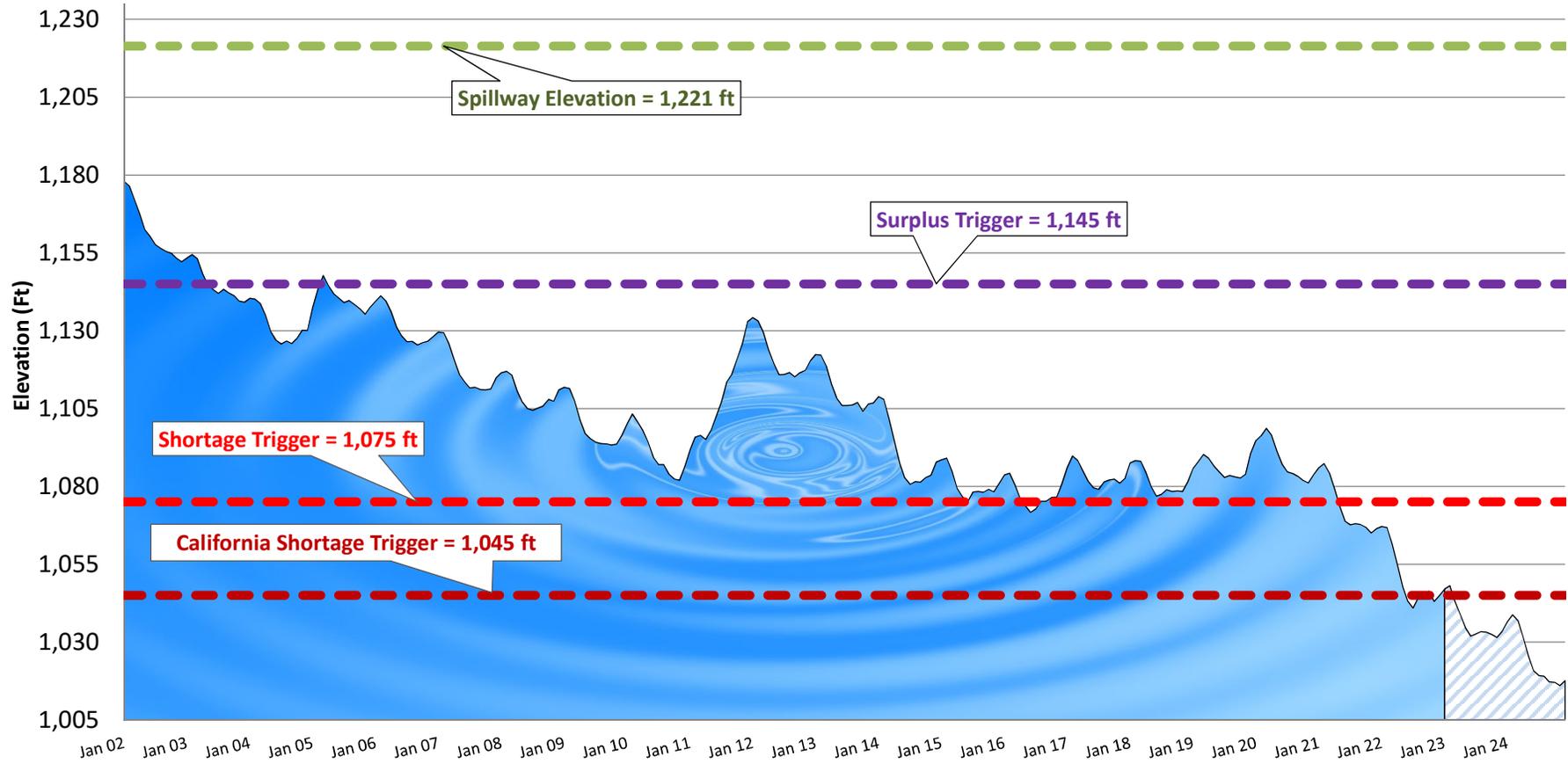




# Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study

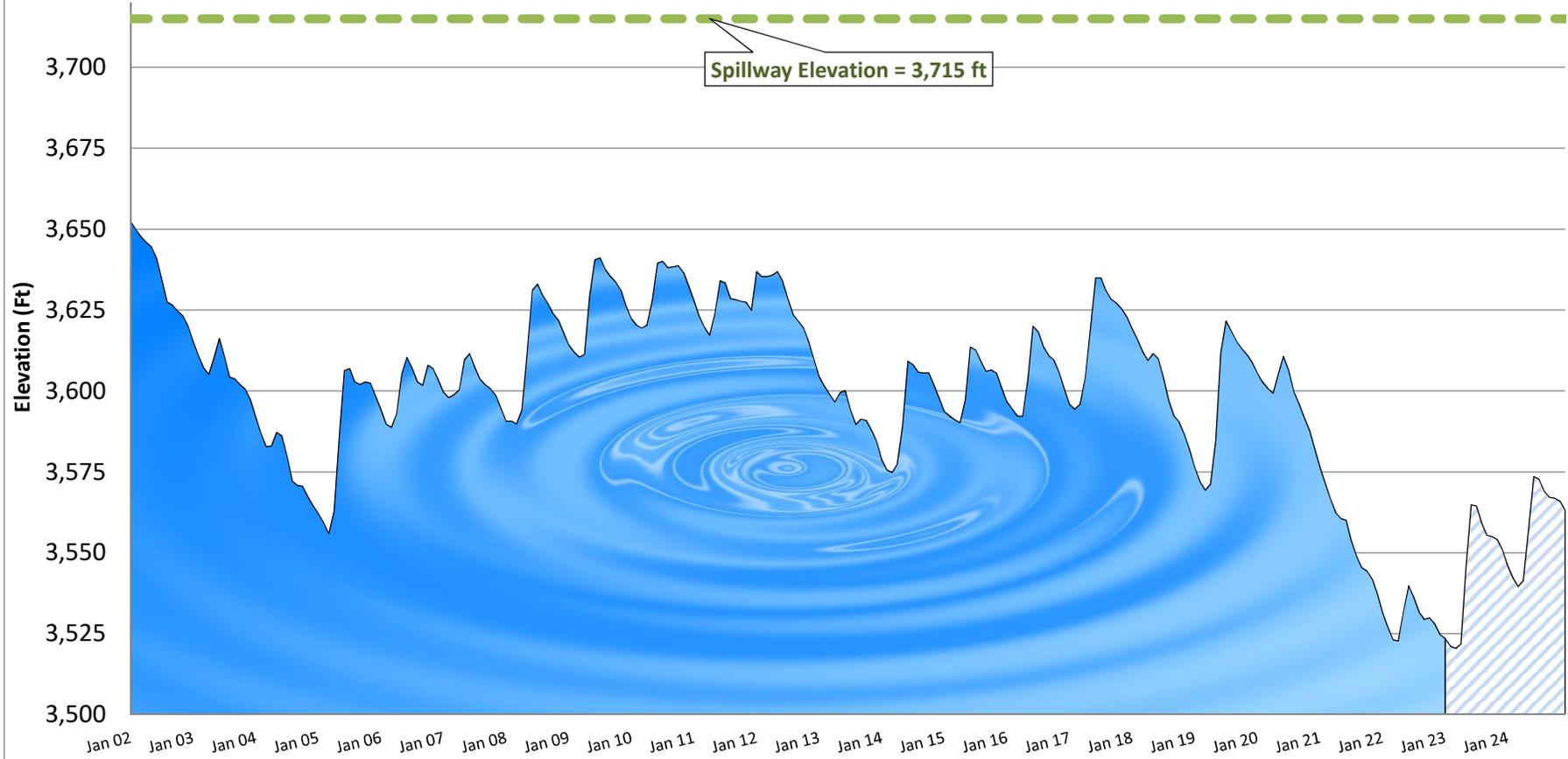


Projected  
Historical

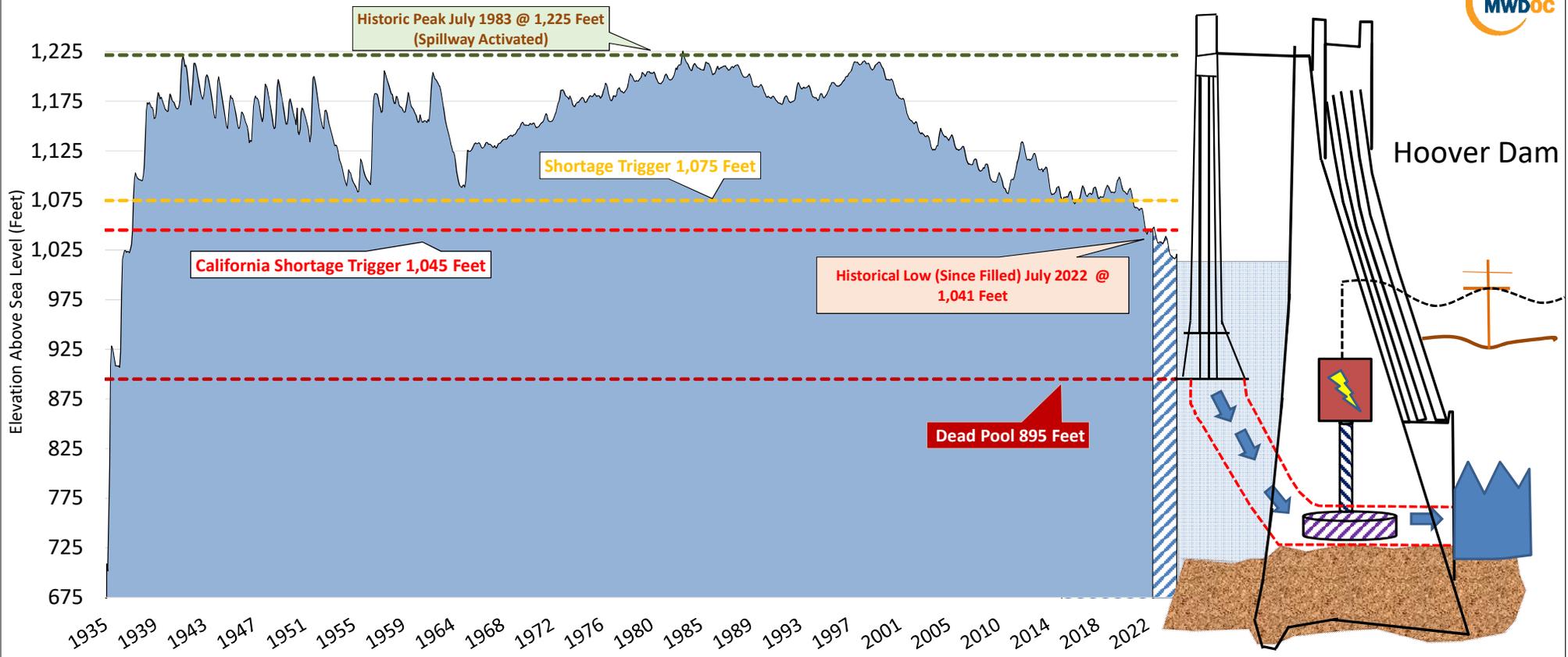


## Lake Powell Levels: Historical and Projected projection per USBR 24-Month Study

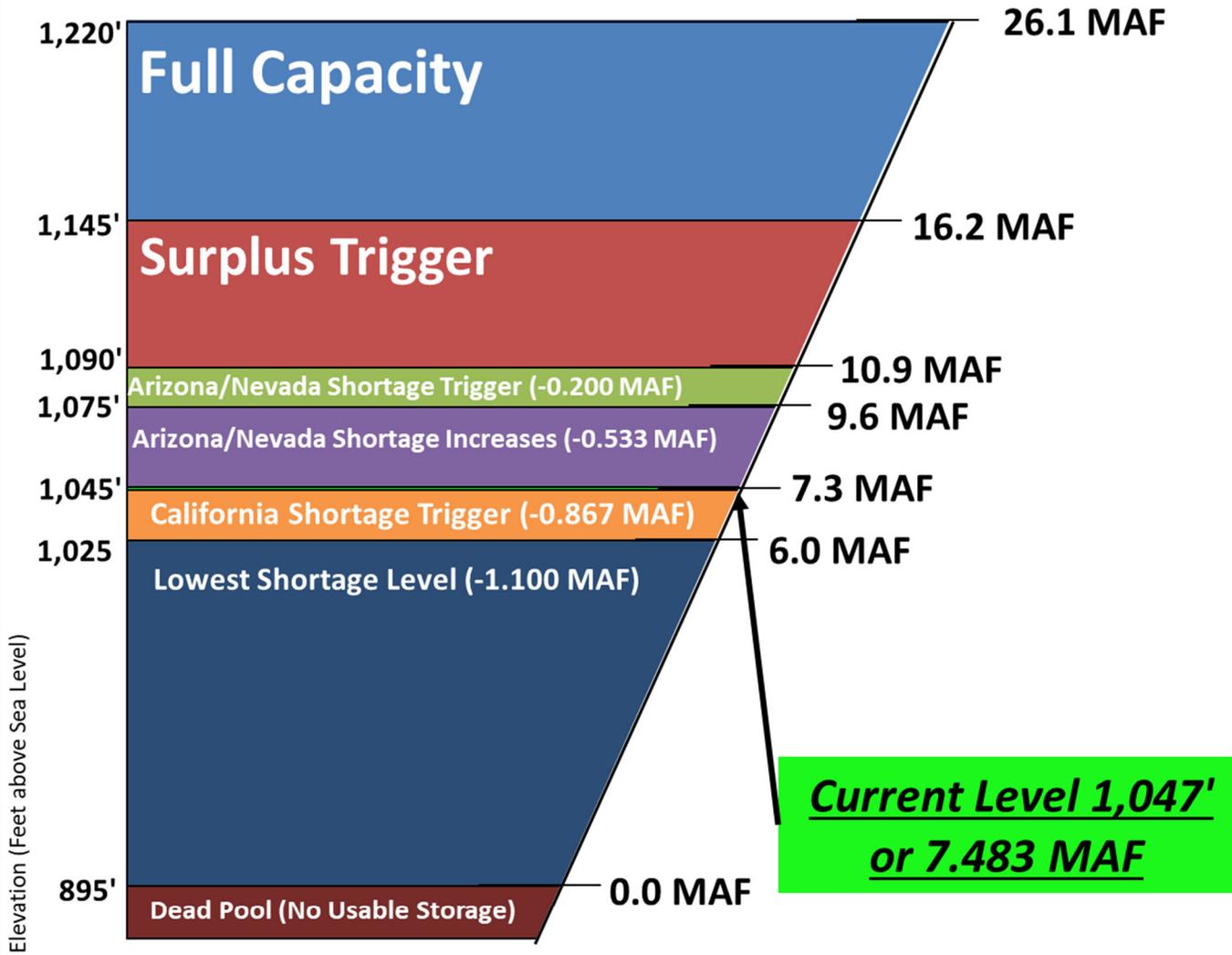
■ Historical □ Projected



## Lake Mead Historical Water Elevation Level



# Lake Mead Storage Level



**Current Level 1,047'**  
**or 7.483 MAF**

## WILL SERVE SUMMARY REPORT

### February 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 private sewer service	Construction	\$ 28,785
Burger Town Sewer Connection	Addition of a 4" sewer lateral	Construction	\$ -
Laguna Woods City Hall-Library Project	Addition of a 2,100 sq ft single story library with relocated fire service and relocating a fire hydrant	Construction	\$ 4,391
Target	Addition of an irrigation service, fire services, and potable water services	Construction	\$ 28,960
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.	Construction	\$ 21,856
Laguna Hills Inn Fire Sprinkler Upgrade	Fire System upgrades including conversion of a fire hydrant to private and addition of a 6-inch DCDA	Construction	\$ -

**WILL SERVE SUMMARY REPORT**  
**February 2023**

<b>PROJECT NAME</b>	<b>PROJECT DESCRIPTION</b>	<b>PHASE</b>	<b>CFF</b>
Mercado El Rey Expansion	Expansion of the market	Plan Check	Not Yet Calculated

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

**MONTH ENDING:** February 2023

<b>ODOR COMPLAINTS</b>	<b>NUMBER</b>	<b>LOCATION, ORIGIN, ACTION:</b>		
Outside Laguna Woods Village				
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
Private System				
Other: WRP				
<b>TOTAL</b>	<b>0</b>			
<b>ROOT FOAMING</b>	<b>FOOTAGE</b>	<b>CHEMICAL USED</b>	<b>CHEMICAL COST</b>	<b>COMMENTS:</b>
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
Other				
<b>TOTAL</b>	<b>0</b>			
<b>ROOT CUTTING</b>	<b>FOOTAGE</b>	<b>COMMENTS:</b>		
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
<b>TOTAL</b>	<b>0</b>			
<b>HYDRO-CLEANING</b>	<b>FOOTAGE</b>	<b>COMMENTS:</b>		
Outside Laguna Woods Village	9,905			
Laguna Woods Village	15,667			
New World				
Private System				
Hot Spots	18,539			
<b>ETWD TOTALS:</b>	<b>44,111</b>			
<b>SANTA MARGARITA TOTALS:</b>				
<b>COMBINED TOTALS:</b>	<b>44,111</b>			
<b>TV INSPECTIONS</b>	<b>FOOTAGE</b>	<b>COMMENTS:</b>		
Outside Laguna Woods Village	12,659			
Laguna Woods Village				
New World				
Private System				
Other				
<b>TOTAL</b>	<b>12,659</b>			
<b>Wet Wells</b>	<b>Number</b>	<b>3</b>	<b>MATHIS, LA PAZ, DELTA</b>	
<b>Flow Meter/Sampling</b>	<b>Number</b>			
<b>WATER TANK FILLS</b>	<b>44</b>	<b>44,000</b>		



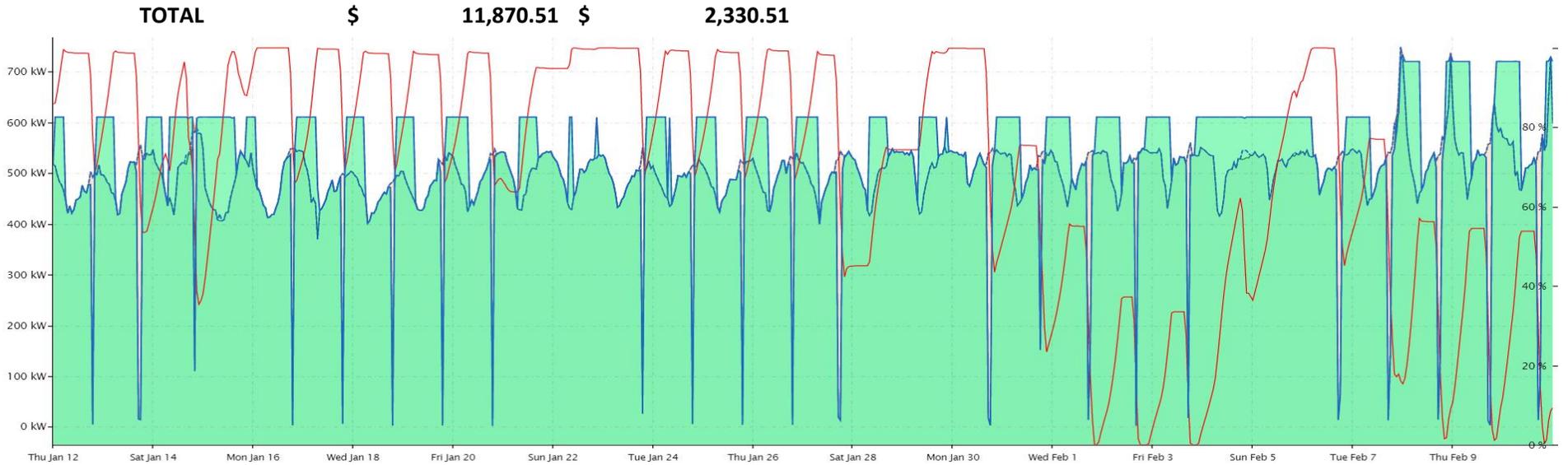
# WRP BATTERY STORAGE SYSTEM

## MONTHLY REPORT

February , 2023

Year 4

BILLING PERIOD	BILL SAVINGS	NET SAVINGS
08/12/22 - 09/12/22	\$ 8,142.76	\$ 6,552.76
09/13/22 - 10/12/22	\$ 2,943.86	\$ 1,353.86
10/13/22 - 11/13/22	\$ 2,083.92	\$ 493.92
11/13/22 - 12/13/22	\$ 1,960.66	\$ 370.66
12/14/22 - 01/12/23	\$ (3,571.97)	\$ (5,161.97)
01/12/23 - 02/12/23	\$ 311.28	\$ (1,278.72)



## Sewerage Treatment Plant



23542 Moulton Pkwy, Laguna Woods, CA 92637

### Savings Report - 2023-02

Jan 12, 2023 - Feb 11, 2023

SCE TOU 8 Option D (< 2kV)

Demand Charges	Before Storage		After Storage		Savings	
Maximum Demand Charges	752kW	\$15,956.00	737kW	\$15,634.90	15kW	\$321.10
Winter Mid-Peak (Weekdays)	644kW	\$6,474.08	648kW	\$6,518.88	(4)kW	\$(44.80)
Sub-total		\$22,430.08		\$22,153.78		\$276.30
Energy Charges	Before Storage		After Storage		Savings	
Winter Mid-Peak	78,769kWh	\$10,390.45	47,440kWh	\$6,257.84	31,329kWh	\$4,132.61
Winter Off-Peak	166,605kWh	\$21,888.51	193,098kWh	\$25,369.22	(26,493)kWh	\$(3,480.70)
Winter Super Off-Peak	114,552kWh	\$9,826.29	121,744kWh	\$10,443.22	(7,192)kWh	\$(616.93)
Sub-total		\$42,105.24		\$42,070.27		\$34.98
Other Monthly Charges	Before Storage		After Storage		Savings	
Customer and Other		\$349.79		\$349.79		\$ -
Sub-total		\$349.79		\$349.79		\$ -
Total	Before Storage		After Storage		Savings	
		\$64,885.11		\$64,573.83		\$311.28

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

**EL TORO WATER DISTRICT  
UNAUTHORIZED DISCHARGE SUMMARY  
YEAR OF 2023**

DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	PREVIOUS MAINTENANCE		POST-INCIDENT PREVENTIVE MEASURES	RWQCB	DISCHARGED TO	SPILL VOLUME (PUBLIC) Gallons		SPILL VOLUME (PRIVATE) Gallons		REGULATORY NOTIFICATION AND RESPONSE	
						CLEANING	TV				CONTAINED	SPILLED	CONTAINED	SPILLED		
January			No Spill													
February			No Spill													
<b>LEGEND</b>											<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>		
S.DC = San Diego Creek		RES. = Residential		R.S. = Rocks												
S.D. = Storm Drain		C. = Commercial		C.W.D. = Calcium Water Deposits												
A.C. = Aliso Creek		S.B. = Siphon		B.P. = Broken Pipe												
G.B. = Grease Blockage		P.F. = Power Failure		U.W. = Untreated Water												
S. = Sticks		P. = Paper		R. = Roots												

## Dennis Cafferty

---

**From:** David Eggerton <Dave.Eggerton@acwa.com>  
**Sent:** Wednesday, March 15, 2023 12:30 PM  
**To:** Donna Pangborn  
**Subject:** ACWA 2023 BOARD OFFICERS' ELECTION - Authorized Voting Representative Form  
**Importance:** High

# MEMORANDUM

**TO:** ACWA Member Agency Leadership  
*(sent via email)*

**CC:** ACWA Board of Directors

**FROM:** ACWA Executive Director

**DATE:** March 15, 2023

**SUBJECT:** ACWA 2023 BOARD OFFICERS' ELECTION – Authorized Voting Representative Form

---

ACWA has launched two separate but concurrent election processes for the 2024-'25 term: the Board officers' election for President and Vice President and the region board elections. **This memo provides a summary of the Board officers' election process, including key dates and changes being implemented this year.**

The biggest change to the election process is that voting will no longer take place during conference. Instead, voting will take place electronically July 17 - Sept. 15. Ballots will be distributed July 17 and include all qualified candidates, in addition to the Election Committee's preferred candidates. All candidates will also be listed on the ACWA website and invited to participate in a town hall style webinar in which members can ask the candidates questions.

Each member agency in good standing may vote in the election for President and Vice President. **Member agencies must designate the agency's one voting representative by submitting an Authorized Voting Representative Form to [donnap@acwa.com](mailto:donnap@acwa.com) by June 16. The form is available [online](#).**

ACWA will be using a web-based online voting system called Simply Voting, which will independently tabulate the votes and provide verified results in a timely manner while keeping individual votes confidential. Designating your agency's voting representative is an important step to ensure the ballot is sent to the correct person.

### Important Officers Election Dates

- Call for candidates begins: **Monday, April 17**
- Deadline to submit Authorized Voting Representative Forms: **Friday, June 16**
- Deadline to submit candidate nominations: **Friday, June 16**

- Election begins: **Monday, July 17**
  - Authorized voting representatives who are voting electronically will receive an email from Simply Voting with a link to the ballot for President and Vice President.
  - Authorized voting representatives who have requested a paper ballot will be sent a ballot by first class mail to their member agency's address.
- Deadline to submit ballots: **Friday, September 15**
- Announcement of ACWA President and Vice President for 2024-'25 term: **September 27**
- Introduction of ACWA President and Vice President at fall conference: **November 29**

For more details about the election process, please visit [www.acwa.com/elections](http://www.acwa.com/elections). Additional questions can be directed to ACWA Senior Clerk of the Board Donna Pangborn at 916-669-2425 or [donnap@acwa.com](mailto:donnap@acwa.com).

## Dave Eggerton

Executive Director

Association of California Water Agencies

916.441.4545 | [DaveE@acwa.com](mailto:DaveE@acwa.com) | [www.acwa.com](http://www.acwa.com)





**To:** Board of Directors, *Municipal Water District of Orange County*  
**From:** Natural Resource Results  
**RE:** Monthly Board Report – March 2023

---

### **Rep. Harder Tunnel Legislation**

On February 9<sup>th</sup>, Congressman Harder reintroduced a bill to prohibit the Army Corps of Engineers from issuing a 404 permit under the Clean Water Act for the Delta Conveyance Project. The bill has three Democratic cosponsors – Garamendi, Thompson, and DeSaulnier – and mirrors the same bill that Congressman Harder introduced in the 117<sup>th</sup> Congress.

The bill was referred to the House Transportation and Infrastructure Committee where it is unlikely to receive much attention due to the stark differences of opinion on Delta Conveyance among the California congressional delegation (Congresswoman Napolitano is the Ranking Member of the relevant subcommittee).

### **Fiscal Year 2024 Appropriations**

President Biden is expected to transmit his fiscal year 2024 budget to Congress on March 9<sup>th</sup>. This is roughly a month later than the budget is typically sent to Congress and the Administration points to the fact that the fiscal year 2023 omnibus did not pass until December, which delayed the fiscal year 2024 budget development.

Congress will hold significant oversight hearings in both the appropriations and authorizing committees to closely examine various aspects of the budget. Congress will then begin the process of drafting the fiscal year 2024 appropriations bill which will certainly be a challenge in the House given the significant budget cuts that many Republicans are demanding. There are several Republicans that would like to cap spending at the fiscal year 2022 levels which translates to roughly a 10% cut across the board from the fiscal year 2023 level. However, there are programs and projects that Republicans have said are off limits for such cuts such as defense spending. This means that most of the cuts will come from discretionary programs and agencies like the EPA, which often is seen as a target for cuts.

At the moment it is unclear what those cuts will mean for drought related programs but it is important to remember that the Bureau of Reclamation has significant funding in hand due to the infrastructure bill and the Inflation Reduction Act. The Democratic Senate and the Administration are not going to support the level of cuts that the House will propose, likely setting up a standoff towards the end of the fiscal year.

### **Colorado River**

On Monday, February 27th, Congresswoman Napolitano and Congressman Calvert are hosting a briefing for all California House members on the status of the Colorado River and ongoing negotiations in the Basin. Representatives from IID, Met and the Six Agencies will be presenting to Hill staff. This will be an opportunity for staff to hear about the California proposal and the differences between it and the six states proposal as well as the timeline for the Supplemental Environmental Impact Statement process.

### **CVP Biological Opinion**

Reclamation is currently working through the process of rewriting the biological opinion (BO) for the Long-Term Operations of the CVP. We are hearing that Reclamation is targeting April for the release of a draft biological assessment. Completing the biological opinion is a top priority for this Administration as the CVP is currently operating under an interim operations plan (IOP) that creates very challenging conditions for water management. Because of this dynamic, any other projects that need biological opinions are being told that they have to wait until the LTO BO is complete.



**BEST BEST & KRIEGER** ☰  
ATTORNEYS AT LAW

To:	Municipal Water District of Orange County
From:	Syrus Devers, Best Best & Krieger
Date:	March 1st, 2023
Re:	State Government Affairs Monthly Report

### The Legislature

The deadline to introduce new bills for the 2023/2024 biennial legislative session has come and gone. As is typical for Sacramento, approximately 50% of new bills for the session were introduced in the last week ending on the 17th. Legislators introduced 2,632 bills this year, which is above the average of 2,500 per year. Although there will be many bills yet to come, here are a few early ones to look at:

SB 23 (Caballero) - This ACWA sponsored bill seeks to streamline permitting for water storage projects by putting a 6 month limit on state agency review, and arbitration if the two sides cannot reach agreement on a plan to mitigate environmental impacts. The bill is well intentioned and merits support, but similar measures in other industries have not had the impact the proponents hoped for. If a state agency wishes to be obstructionist, they have several tools at their disposal to slow down the permitting process. Nonetheless, it is a positive step forward and is up for consideration on the March agenda.

SB 414 (Allen) - The bill would prohibit turf removal rebates from being used to install artificial turf. It was brought to the attention of BB&K staff when visiting the author's staff in Sacramento. No bill sponsored was mentioned and it may be an issue the author wishes to pursue on his own.

AB 1572 (Freidman) - Speaking of turf, this bill would prohibit watering nonfunctional turf with potable water. As this subject falls within the unique resources of MWDOC, it has already been brought to the attention of staff and will be treated to a higher level of review. ACWA has put out a special request for feedback on this bill.

AB 460 (Bauer-Kahan) - This will probably be the major bill of the year. The author is the Chair of the Assembly Water, Parks, & Wildlife Committee, and the lieutenant of the incoming Speaker of the Assembly Robert Rivas. The bill gives the SWRCB powers similar to a court to temporarily enjoin water permit violations and/or regulations. That may not sound like something shocking, the SWRCB is a "quasi-judicial" agency with enforcement powers after all, but the power to temporarily enjoin activity prior to a party's right to due process is similar to a court's power to issue an injunction, but without the legal history that limits when a court can use those powers. And there is more: SWRCB could use those powers to enforce "public trust" issues. The Public Trust Doctrine comes from common law (read, not

enacted by the Legislature) and holds that the state must protect water for the benefit of the public. All well and good if a party is in a court of law with the full array of legal rights to protect their interest; it is an altogether different matter in front of a state agency which is politically appointed and acts by majority vote. This issue falls under the 2023 buzz word of the year of “modernizing” water rights.

SB 366 (Caballero) - This is still a spot bill, which would usually not be covered in this monthly report, but this one merits an exception. Sponsored by the California Municipal Utilities Association (CMUA), it purports to do nothingless than rewrite the California Water Plan. It certainly does not lack ambition, but it deserves early attention because it does have an impressive list of water districts coming together to try and actually expand the state’s water portfolio.

### **The Administration**

First some recent history: DWR is still smarting from 2021/2022 when the state received record rain for two months only to be followed by the driest three months on record. On their own initiative, they began working to revise the way reservoir storage availability was determined in light of advanced weather forecasting information. They also considered possible changes for diversion permits to capture water during high flows for storage. To their credit, DWR was ready when the “atmospheric river” hit California last December; regulations were suspended and permits expedited in order to capture and store record flows in the Sacramento and San Joaquin Rivers. As a result of the December rains, California remains in a drought but is no longer in a critically dry year. But we saw what can happen last year and Governor Newsom (and the state agencies) moved two weeks ago to retain the water that was just stored, and possibly capture more if it keeps raining.

Governor’s Executive Order: on Monday, February 13th, Newsom issued Executive Order N-3-23 directing DWR to continue its efforts to move water into underground storage when possible, and suspending key environmental laws governing water quality in the Delta. In practice, that means the pumping plants at Tracy in the south Delta that feed the California Aqueduct can keep pumping when they otherwise would have to shut down, and, even more importantly, stored water does not have to be released in order to maintain salinity limits. Such actions have been taken before during declared states of emergency but only in critically dry years. Technically, this is not a critically dry year thanks to the December storms, but we all know we can be right back to a critically dry year in 12 weeks if the rain stops falling. But since these environmental regulations have never before been suspended during a “normal” year, and so far 2023 is an above normal year for rainfall, the environmental community is crying foul. (As in, more than usual.)



### **Activities**

BB&K and MWDOC have begun the effort to meet a large number of staff who are new to Sacramento, or new to an office, resulting from the 35% turnover in the 2022 election. Meetings were set in the last week of February with staff for every new Orange County Delegation office, and most new water policy committee members. Outreach to the new members, which takes far longer, has begun as well.

## Bill Matrix - 2/22/2023

---

### A. Priority Support/Oppose

---

[AB 249](#) **(Holden D) Water: schoolsites: lead testing: conservation.**

**Status:** 2/2/2023-Referred to Coms. on E.S. & T.M. and ED.

**Summary:** This bill would require a community water system that serves a schoolsite with a building constructed before January 1, 2010, to test for lead in the potable water system of the schoolsite before January 1, 2027. The bill would require the community water system to report its findings to the applicable school or local educational agency, as specified. The bill would require the local educational agency or school, if the lead level exceeds a specified level at a schoolsite, to notify the parents and guardians of the pupils who attend the schoolsite or preschool. The bill would require the local educational agency or school to take immediate steps to make inoperable and shut down from use all fountains and faucets where the excess lead levels may exist. The bill would also require that the local educational agency or school work with the schoolsites under its jurisdiction to ensure that a potable source of drinking water is provided for pupils, as specified. The bill would require a community water system to prepare a sampling plan for each schoolsite where lead sampling is required under these provisions. By imposing additional duties on local agencies, this bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Position	Priority
Out for Analysis	A. Priority Support/Oppose

[AB 460](#) **(Bauer-Kahan D) State Water Resources Control Board: interim relief.**

**Status:** 2/17/2023-Referred to Coms. on W., P., & W. and JUD.

**Summary:** This bill would authorize the board to issue, on its own motion or upon the petition of an interested party, an interim relief order in appropriate circumstances to implement or enforce these and related provisions of law. The bill would provide that a person or entity that violates any interim relief order issued by the board would be liable to the board for a civil penalty in an amount not to exceed the sum of \$10,000 for each day in which a violation occurs and \$5,000 for each acre-foot of water diverted in violation of the interim relief order. The bill would require these funds to be deposited in the Water Rights Fund. This bill contains other existing laws.

Position	Priority
Out for Analysis	A. Priority Support/Oppose

[AB 1572](#) **(Friedman D) Potable water: nonfunctional turf.**

**Status:** 2/18/2023-From printer. May be heard in committee March 20.

**Summary:** This bill 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. This bill contains other related provisions and other existing laws.

Position	Priority
Out for Analysis	A. Priority Support/Oppose

[SB 23](#)

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

**Status:** 2/9/2023-From committee with author's amendments. Read second time and amended. Re-referred to Com. on RLS.

**Summary:** This bill would require a project proponent, if already required to submit a notification to the department, to complete and submit environmental documentation to the department for the activity in the notification. The bill would require the department, under prescribed circumstances, to take specified actions within 180 days, or a mutually agreed-to extension of time, of receiving notification from a project proponent. This bill contains other related provisions and other existing laws.

Position	Priority
Out for Analysis	A. Priority Support/Oppose

[SB 366](#)

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

**Status:** 2/15/2023-Referred to Com. on RLS.

**Summary:** Existing 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. Existing 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. This bill would make legislative findings and declarations and state the intent of the Legislature to enact future legislation that modernizes the California Water Plan, including the establishment of long-term water supply targets.

Position	Priority
Watch	A. Priority Support/Oppose

## B. Watch

[AB 30](#)

**(Ward D) Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program.**

**Status:** 1/26/2023-Referred to Com. on W., P., & W.

**Summary:** Existing law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources. Existing 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. The bill would also require the department to take all actions within its existing authority 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.

Position	Priority
Watch	B. Watch

[AB 62](#)

**(Mathis R) Statewide water storage: expansion.**

**Status:** 1/26/2023-Referred to Com. on W., P., & W.

**Summary:** Existing law declares that the protection of the public interest in the development of the water resources of the state is of vital concern to the people of the state and that the state shall determine in what way the water of the state, both surface and underground, should be developed for the greatest public benefit. Existing law establishes within the Natural Resources Agency the State Water Resources Control Board and the California regional water quality control

boards. Existing 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 state board, in consultation with the Department of Water Resources, to design and implement measures to increase statewide water storage to achieve the statewide goal. The bill would require the state board, beginning July 1, 2027, and on or before July 1 every 2 years thereafter until January 1, 2043, in consultation with the department, to prepare and submit a report to the Legislature on the progress made in designing and implementing measures to achieve the statewide goal. This bill contains other existing laws.

Position	Priority
Watch	B. Watch

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

**Status:** 2/2/2023-Referred to Com. on W., P., & W.

**Summary:** Existing 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. Existing 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 approve the necessary permits for specified projects within 180 days from receiving a permit application, and would deem those permits approved if approval does not occur within this time period.

Position	Priority
	B. Watch

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

**Status:** 2/9/2023-Referred to Coms. on E.M. and W., P., & W.

**Summary:** Existing law, the California Emergency Services Act, creates, within the office of the Governor, the Office of Emergency Services, which is responsible for addressing natural, technological, or human-caused disasters and emergencies, including responsibility for activities necessary to prevent, respond to, recover from, and mitigate the effects of emergencies and disasters to people and property. Existing law establishes the Department of Water Resources within the Natural Resources Agency and sets forth its powers and duties relating to water resources. This bill would require the office and the department to jointly establish and lead the Extreme Weather Forecast and Threat Intelligence Integration Center for the purpose of collecting, assessing, and analyzing extreme weather data and atmospheric conditions, as specified. The bill would require that the center be composed of representatives from specified organizations and would authorize the office and the department to invite other organizations to designate additional representatives, as specified. This bill contains other related provisions.

Position	Priority
Watch	B. Watch

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

**Status:** 1/27/2023-From printer. May be heard in committee February 26.

**Summary:** Under existing law, various general obligation bond acts have been approved by the voters to provide funds for water projects, facilities, and programs. This bill would express the intent of the Legislature to enact subsequent legislation for a flood protection general obligation bond act, in an unspecified amount, that would be known as the California Flood Protection Bond Act of 2024, and would be submitted to the voters at the next general election.

Position	Priority
Watch	B. Watch

**AB 338**      **(Aguiar-Curry D) Public works: definition.**

**Status:** 2/9/2023-Referred to Com. on L. & E.

**Summary:** Existing law requires that, except as specified, not less than the general prevailing rate of per diem wages, determined by the Director of Industrial Relations, be paid to workers employed on public works projects. Existing law defines the term “public works” for purposes of requirements regarding the payment of prevailing wages to include construction, alteration, demolition, installation, or repair work done under contract and paid for using public funds, except as specified. Existing law makes a willful violation of laws relating to the payment of prevailing wages on public works a misdemeanor. This bill would, commencing January 1, 2025, expand the definition of “public works” to include fuel reduction work done under contract and paid for in whole or in part out of public funds performed as part of a fire mitigation project, as specified. The bill would limit those provisions to work that falls within an apprenticeship occupation in the building and construction trades for which an apprenticeship program has been approved and to contracts in excess of \$100,000. The bill would delay the application of those provisions until January 1, 2026, for

nonprofits. By expanding the scope of a crime, the bill would impose a state-mandated local program. 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:** 2/9/2023-Referred to Coms. on NAT. RES. and JUD.

**Summary:** The California Environmental Quality Act (CEQA) requires, among other things, a lead agency, as defined, to prepare, or cause to be prepared, and certify the completion of an environmental impact report on a project that it proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect. CEQA 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 557** **(Hart D) Open meetings: local agencies: teleconferences.**

**Status:** 2/17/2023-Referred to Com. on L. GOV.

**Summary:** Existing law, the Ralph M. Brown Act, requires, with specified exceptions, that all meetings of a legislative body of a local agency, as those terms are defined, be open and public and that all persons be permitted to attend and participate. The act contains specified provisions regarding providing for the ability of the public to observe and provide comment. The act allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public be allowed to address the legislative body at each teleconference location, that the legislative body post an agenda at each teleconference location, 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. Existing law, until January 1, 2024, authorizes a local agency to use teleconferencing without complying with those specified teleconferencing requirements in specified circumstances when a declared state of emergency is in effect, or in other situations related to public health, as specified. 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. Existing law requires a legislative body that holds a teleconferenced meeting under these abbreviated teleconferencing procedures to give notice of the meeting and post agendas, as described, to allow members of the public to access the meeting and address the legislative body, to give notice of the means by which members of the public may access the meeting and offer public comment, including an opportunity for all persons to attend via a call-in option or an internet-based service option. Existing law prohibits a legislative body that holds a teleconferenced meeting under these abbreviated teleconferencing procedures from requiring public comments to be submitted in advance of the meeting and would specify that the legislative body must provide an opportunity for the public to address the legislative body and offer comment in real time. This bill would extend the above-described abbreviated teleconferencing provisions when a declared state of emergency is in effect, or in other situations related to public health, as specified, indefinitely. The bill would also extend the period for a legislative body to make the above-described findings related to a continuing state of emergency and social distancing to not later than 45 days after the first teleconferenced meeting, and every 45 days thereafter, in order to continue to meet under the abbreviated teleconferencing procedures. This bill contains other related provisions and other existing laws.

Position	Priority
Watch	B. Watch

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

**Status:** 12/6/2022-From printer. May be heard in committee January 5.

**Summary:** Existing provisions of the California Constitution require the specified use of General Fund revenues, as described. This measure 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: community water system.**

**Status:** 1/18/2023-Referred to Com. on E., U. & C.

**Summary:** Existing law, the Water Shutoff Protection Act, prohibits an urban and community water system, defined as a public water system that supplies water to more than 200 service connections, from discontinuing residential service for nonpayment, as specified, and requires specified procedures before it can discontinue residential service for nonpayment. Existing law defines a community water system as a public water system that serves at least 15 service connections used by yearlong residents or regularly serves at least 25 yearlong residents of the area served by the system. This bill would expand the scope of the Water Shutoff Protection Act by requiring that it instead apply to a community water system, defined to have the same meaning as existing law. The bill would require a community water system that supplies water to 200 service connections or fewer to comply with the act’s provisions on and after August 1, 2024.

Position	Priority
Out for Analysis	B. Watch

**SB 57**      **(Gonzalez D) Utilities: extreme weather events.**

**Status:** 1/18/2023-Referred to Com. on RLS.

**Summary:** Existing law vests the Public Utilities Commission with regulatory authority over public utilities, while local publicly owned electric utilities, as defined, are under the direction of their governing boards. This bill would state the intent of the Legislature to enact future legislation to prohibit shutting off utility service during extreme weather events.

Position	Priority
Watch	B. Watch

**SB 66**      **(Hurtado D) Water: predictive models and data collection.**

**Status:** 1/18/2023-Referred to Com. on RLS.

**Summary:** Existing law establishes the Department of Water Resources in the Natural Resources Agency and the State Water Resources Control Board in the California Environmental Protection Agency. Existing law requires the department, as part of updating The California Water Plan every five years, to conduct a study to determine the amount of water needed to meet the state’s future needs and to recommend programs, policies, and facilities to meet those needs. This bill would state the intent of the Legislature to ensure that reliable predictive models and data collection systems are used to properly forecast and allocate surface water.

Position	Priority
Watch	B. Watch

**SB 69**      **(Cortese D) California Environmental Quality Act: judicial and administrative proceedings: limitations.**

**Status:** 2/10/2023-Set for hearing March 15.

**Summary:** The California Environmental Quality Act (CEQA) requires, among other things, a lead agency, as defined, to prepare, or cause to be prepared, and certify the completion of an environmental impact report on a project that it proposes to carry out or approve that may have a significant effect on the environment or to adopt a negative declaration if it finds that the project will not have that effect. CEQA requires a state agency or a local agency that approves or determines to carry out a project subject to CEQA to file a notice of determination with the Office of Planning and Research or the county clerk of each county in which the project will be located, as provided. CEQA authorizes a state agency or a local agency that determines that a project is not subject to CEQA to file a notice of exemption with the office or the county clerk of each county in which the project will be located, as provided. If a person has made a written request to a public agency for a copy of a notice of determination or notice of exemption for a project before the date on which the public agency approves or determines to carry out the project, CEQA requires the public agency, no later than 5 days from the date of the public agency’s action, to deposit a copy of the written notice addressed to that person in the United States mail, first-class postage prepaid. CEQA provides that the date upon which the notice is mailed does not affect the limitations periods applicable to specified actions or proceedings to attack, review, set aside, void, or annul specified acts or decisions of a public agency on the grounds of noncompliance with CEQA. The bill would require a public agency to provide both the notice and any subsequent amended, corrected, or revised notice, as specified, in response to a written request for the notice, regardless of the delivery method. By requiring a local agency to provide a copy of any subsequent amended, corrected, or revised notice, along with the notice, the bill would impose a state-mandated local program. The bill would toll, except as provided, the limitations periods applicable to specified actions or proceedings to attack, review, set aside, void, or annul specified acts or decisions of a public agency until the date on which the public agency deposits in the mail or sends by email to the requestor a copy of the notice, including

any subsequent amended, corrected, or revised notice, or the date on which the public agency submits the notice to a specified state entity, as described. The bill would also require the public agency to submit the notice of determination or notice of exemption for all projects to a specified state entity within 5 days of its action on the project. This bill contains other related provisions and other existing laws.

Position	Priority
Watch	B. Watch

**SB 272**

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

**Status:** 2/9/2023-Referred to Coms. on N.R. & W. and GOV. & F.

**Summary:** Existing law creates within the Ocean Protection Council the California Sea Level Rise State and Regional Support Collaborative to provide state and regional information to the public and support to local, regional, and other state agencies for the identification, assessment, planning, and, where feasible, the mitigation of the adverse environmental, social, and economic effects of sea level rise within the coastal zone, as provided. This bill 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 implement sea level rise planning and adaptation through either submitting, and receiving approval for, a local coastal program, as defined, to the California Coastal Commission or submitting, and receiving approval for, a subregional San Francisco Bay shoreline resiliency plan to the San Francisco Bay Conservation and Development Commission, as applicable, on or before January 1, 2034. 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 sea level rise planning and adaptation on or before January 1, 2029, to be prioritized for sea level rise funding, upon appropriation by the Legislature, for the implementation of projects in the local government’s approved sea level rise adaptation plan. The bill would require, on or before December 31, 2024, the California Coastal Commission and the San Francisco Bay Conservation and Development 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 that planning and adaptation. 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) Sustainable Groundwater Management Act.**

**Status:** 2/15/2023-Referred to Com. on RLS.

**Summary:** Existing law, the Sustainable Groundwater Management Act (the act), provides for the sustainable management of groundwater basins, and provides local groundwater agencies with the authority and the technical and financial assistance necessary to sustainably manage groundwater, among other purposes of the act. The act requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources that are designated as basins subject to critical conditions of overdraft to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2020, and requires all other groundwater basins designated as high- or medium-priority basins to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans by January 31, 2022, except as specified. Existing law authorizes a local agency or combination of local agencies overlying a groundwater basin to decide to become a groundwater sustainability agency for that basin and requires a groundwater sustainability plan to be developed and implemented for each medium- or high-priority basin by a groundwater sustainability agency. Existing law requires the groundwater sustainability agency to consider the interests of all beneficial uses and users of groundwater, as described, as well as those responsible for implementing groundwater sustainability plans. This bill would express the intent of the Legislature to enact future legislation that would assist groundwater sustainability agencies in fostering discussions among diverse water management interests and local agencies as they strive to implement the act.

Position	Priority
Watch	B. Watch

**SB 414**

**(Allen D) Drought-tolerant landscaping: local incentive programs: synthetic grass: artificial turf.**

**Status:** 2/10/2023-From printer. May be acted upon on or after March 12.

**Summary:** Existing law prohibits a city, including a charter city, county, and city and county, from enacting or enforcing any ordinance or regulation that prohibits the installation of drought-tolerant landscaping, synthetic grass, or artificial turf on residential property, as specified. Existing law, the Personal Income Tax Law and the Corporation Tax Law, in conformity with federal income tax law, generally defines “gross income” as income from whatever source derived, except as specifically excluded. Existing law provides, among other exclusions, an exclusion from gross income for any amount received as a rebate, voucher, or other financial incentive issued by a public water system, as defined, local government, or state agency for participation in a turf replacement water conservation program. This bill would prohibit a city, including a charter city, county, city and county, or special district, from issuing a rebate, voucher, or other financial incentive for the use of synthetic grass or artificial turf that contains contaminants, including zinc, plastic,

or perfluoroalkyl and polyfluoroalkyl substances (PFAS). By establishing new requirements for local agencies, this bill would impose a state-mandated program. This bill contains other related provisions and other existing laws.

Position	Priority
Watch	B. Watch

**Total Measures: 21**

**Total Tracking Forms: 21**



This interactive and engaging activity falls under the Science and Engineering Practice standards by encouraging the students to scientifically investigate facts from performing the tests, and draw their own conclusions based on their findings.

Students will receive a water bottle to take home to use tap water in. Other prizes will be awarded for those who answer questions during the session.

### **Concerned Citizens of Laguna Woods Village**

Director Mike Gaskins spoke at the Concerned Citizens of Laguna Woods Village monthly meeting on March 7, 2023 and provided an update on water supply in Southern California.

### **Lake Forest Chamber of Commerce**

ETWD is providing succulent centerpieces for the Lake Forest Chamber of Commerce State of the City and Meet the Mayor event on March 22, 2023.

### **Concerned Citizens of Laguna Woods Village**

Dennis Cafferty will speak at the Concerned Citizens of Laguna Woods Village Earth Day event on Thursday, April 20, 2023 from 1:00 p.m. to 3:00 p.m. Location TBD. Dennis will provide an update on the drought and water supply in Southern California. Staff will also staff a booth at the event.

### **City of Lake Forest**

ETWD will have a booth at the City of Lake Forest Southwest Lake Forest Improvement Project on Saturday, April 15, 2023 from 10 a.m. to 2 p.m. at a small park on Gowdy Avenue and Cavanaugh.

### **City of Mission Viejo Earth Day/Arbor Day**

ETWD staff will staff a booth at the City of Mission Viejo Earth Day/Arbor Day on Saturday, April 22, 2023 from 8:00 a.m. to 12 noon at the Oso Creek Trail north of Jeronimo Road.



**STAFF REPORT**

**To: Board of Directors**

**Meeting Date: March 23, 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](http://www.etwd.com/conservation/rebates).

**Residential Rebate Programs:**

<b>Device</b>	<b>MET Rebate</b>	<b>MWDOC Grant</b>	<b>ETWD Rebate</b>	<b>Total Rebate (up to)</b>
High Efficiency Clothes Washer	\$85		\$115	\$200
Premium High Efficiency Toilet	\$40		\$60	\$100
Rotating Sprinkler Nozzles (min 30 per home)	\$2 ea			\$2
Smart Irrigation Timer	\$80	\$100	\$70	\$250
Turf Removal Program (up to 5,000 sq ft)*	\$2 sq. ft.	\$1 sq. ft.	\$1 sq. ft.	\$4 sq. ft.
Soil Moisture Sensor System <1 Acre >1 Acre	\$80 \$35/station	\$100	\$70	\$250 \$35/station

Hose Bib Irrigation Controller	\$35			\$35
Rain Barrels Cisterns (200 -500 gallon) (501-999 gallon) (1,000 gallon or more)	\$35 \$250 \$300 \$350			\$35 \$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:**

<b>Device</b>	<b>MET Rebate</b>	<b>MWDOC Grant</b>	<b>ETWD Rebate</b>	<b>Total Rebate (up to)</b>
Premium High Efficiency Toilet	\$40			\$40
Multi-family Premium High Efficiency Toilet	\$40			\$40
Zero Water/Ultra Low Water Urinal	\$200			\$200
Plumbing Flow Control Valve (min. 10)	\$5			\$5
Smart Irrigation Timer/Central Computer Irrigation Controller/Soil Moisture Sensor System/Hose Bib Irrigation Controller	\$35/station			\$35/station
Rotating Sprinkler Nozzles (minimum quantity of 15)	\$2			\$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](http://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 February 2023.

<b>Residential Device Rebates</b>	<b>Rebates Approved February 2023</b>	<b>ETWD Amount Paid</b>	<b>MET Amount Paid</b>	<b>Total Rebate Paid</b>
High Efficiency Clothes Washer	2	\$230	\$170	\$400
Weather Based Irrigation Controller	1			\$138.56

The following ETWD rebates for Turf Removal Program and Spray-To-Drip Program that have been paid during the current fiscal year 2022/2023.

<b>Turf Removal Program</b>	<b>Total sq.ft. Paid</b>	<b>ETWD Supplemental Amount</b>	<b>ETWD Supplemental Rebate Total</b>
Turf Removal Residential	15,563	\$1 sq. ft.	\$15,563.00
Spray-To-Drip	11,911	\$0.25 sq. ft.	\$2,977.75

**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 February 2023, residential customers accounted for 93% of Tier 3 usage and dedicated irrigation accounted for 7%. For Tier 4, residential customers accounted for 85% and dedicated irrigation accounted for 15% during the same period.

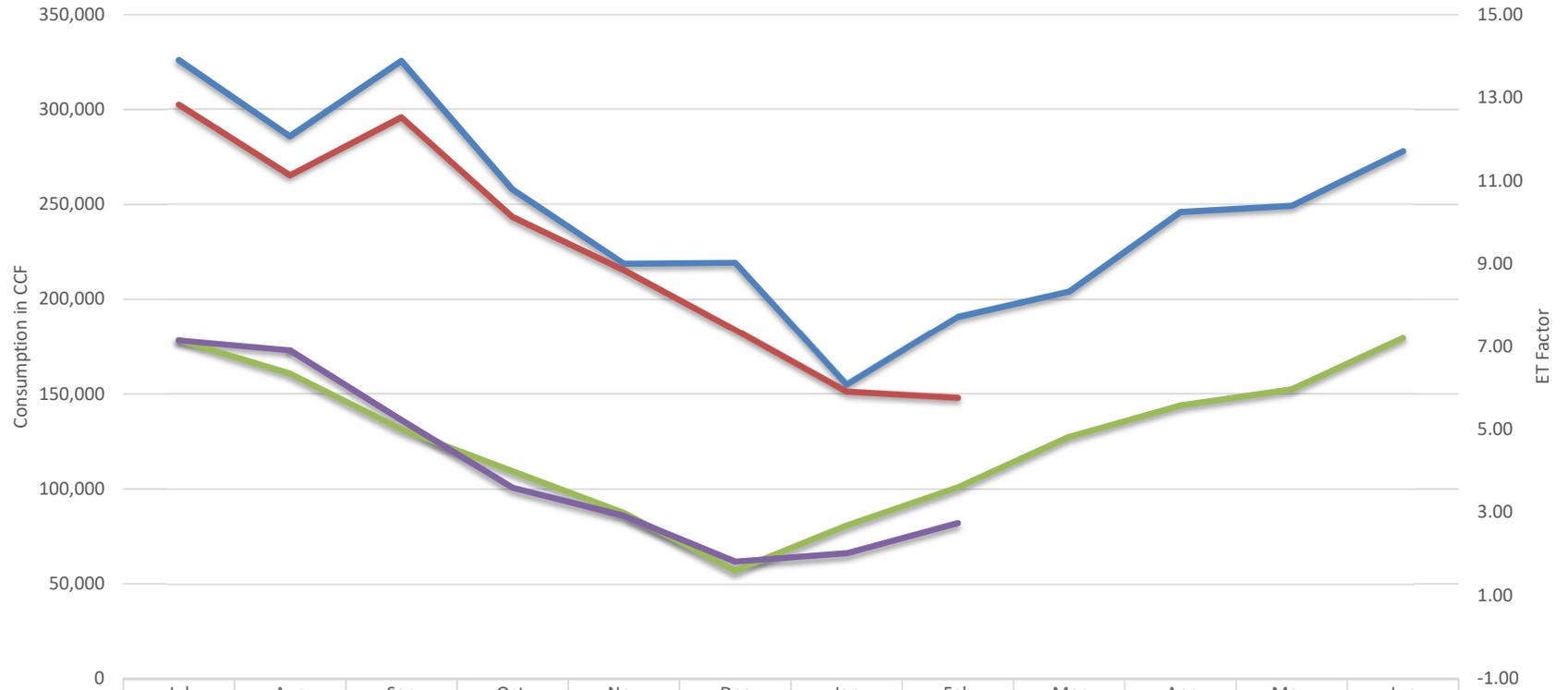
**Total Consumption Comparison to Evapotranspiration (ET) Factor:**

Included in this month's Water Use Efficiency Report is a chart comparing the current fiscal year consumption and ET factor to the fiscal 2021/22 consumption and ET factor. There was a 22.43% reduction in total consumption reflected in February 2023 versus February 2022. The ET factor decreased from 3.61 to 2.75 during the same period.

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

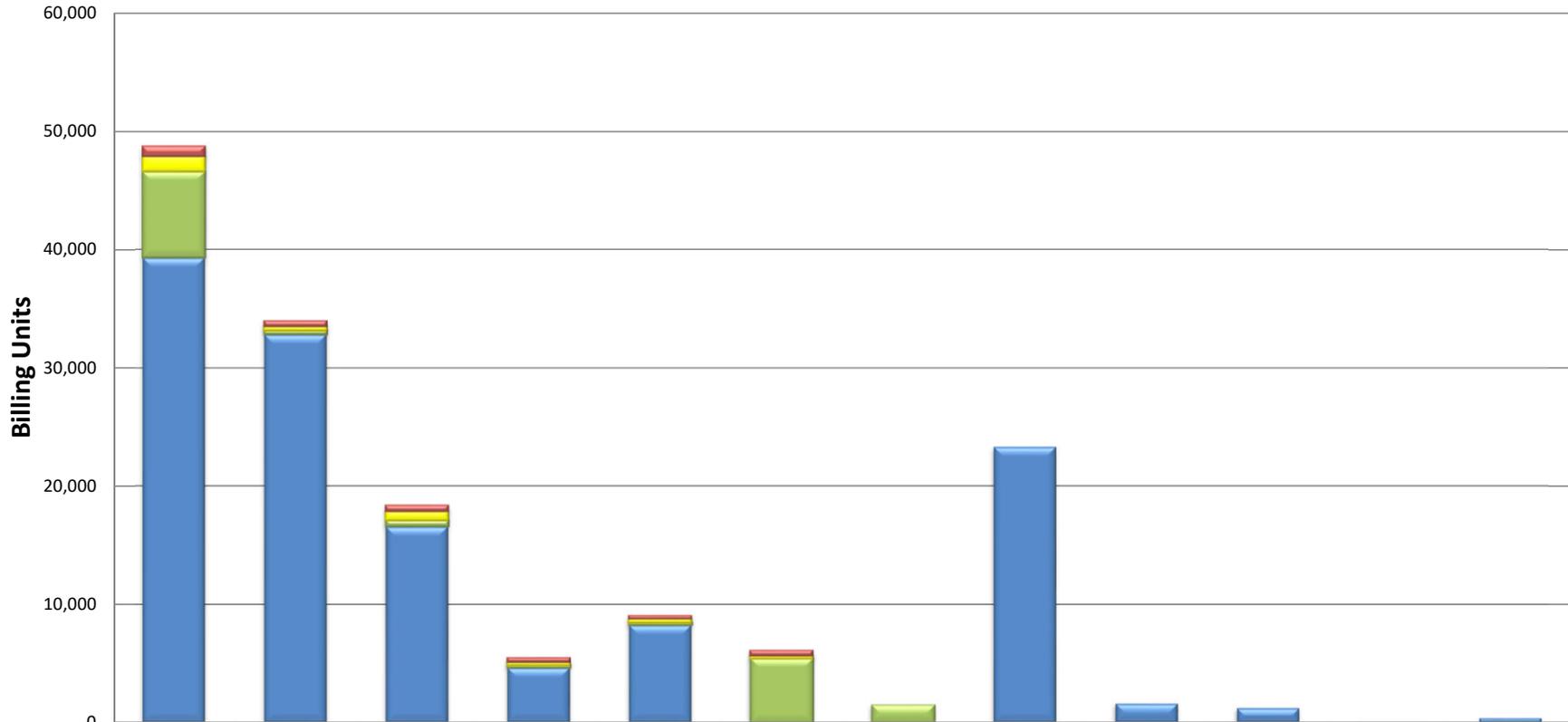
The following graphs highlight ETWD year-to-date consumption and consumption by tier for the current fiscal year compared to 2021-2022 fiscal year. ETWD water usage compared to 2013 and 2020 are also included.

### Total Consumption Comparison



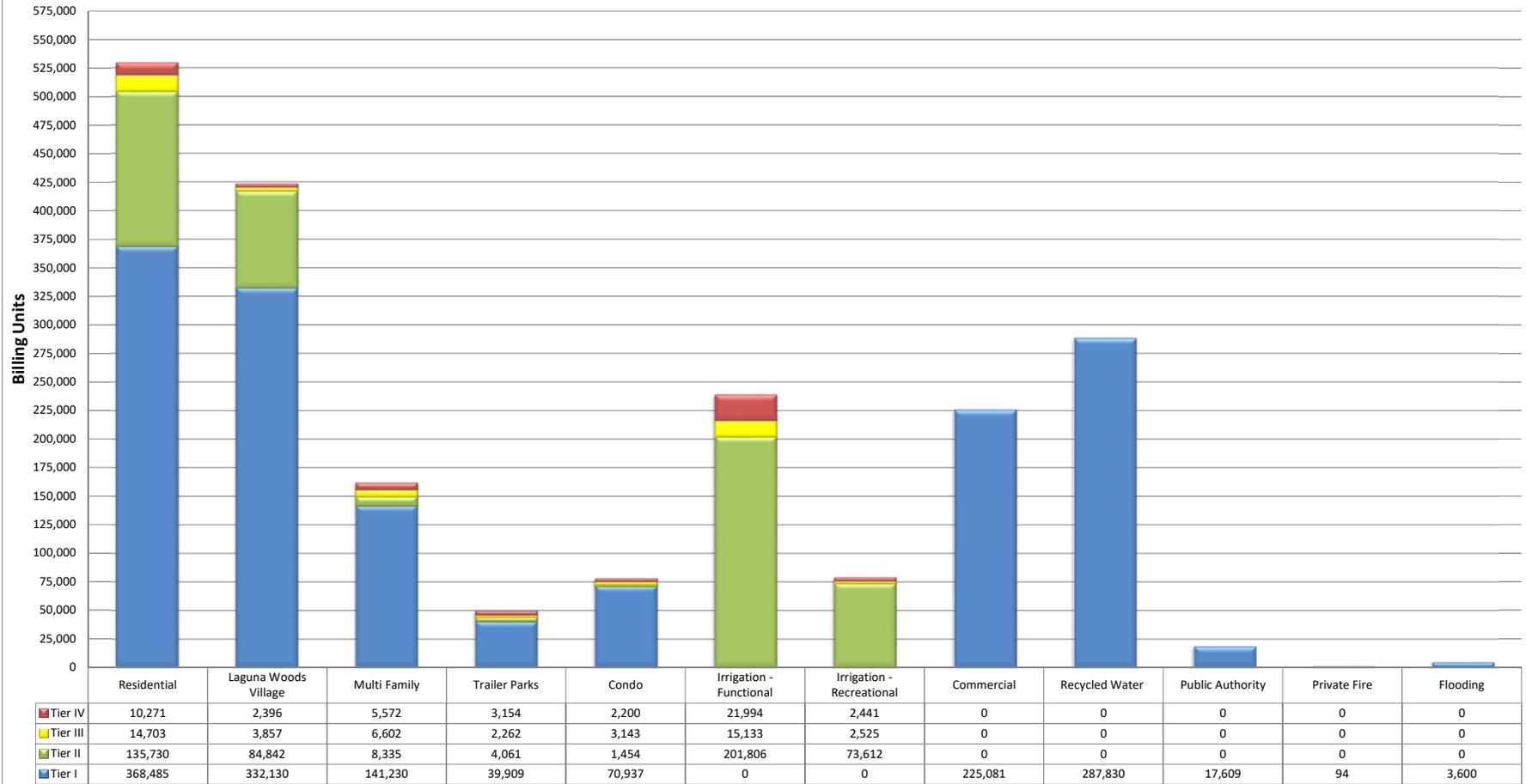
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<span style="color: blue;">—</span> FY 2021-2022	326,076	285,955	325,642	257,784	218,693	219,231	154,838	190,655	203,970	245,962	249,225	278,011
<span style="color: red;">—</span> FY 2022-2023	302,569	265,312	295,875	243,292	215,271	183,731	151,223	147,895				
% Change	-7.21%	-7.22%	-9.14%	-5.62%	-1.56%	-16.19%	-2.33%	-22.43%				
<span style="color: green;">—</span> FY 21/22 ET	7.16	6.35	5.01	4.00	2.99	1.60	2.69	3.61	4.83	5.58	5.97	7.21
<span style="color: purple;">—</span> FY 22/23 ET	7.15	6.91	5.23	3.60	2.92	1.82	2.02	2.75				

## February 2023 Water Sales

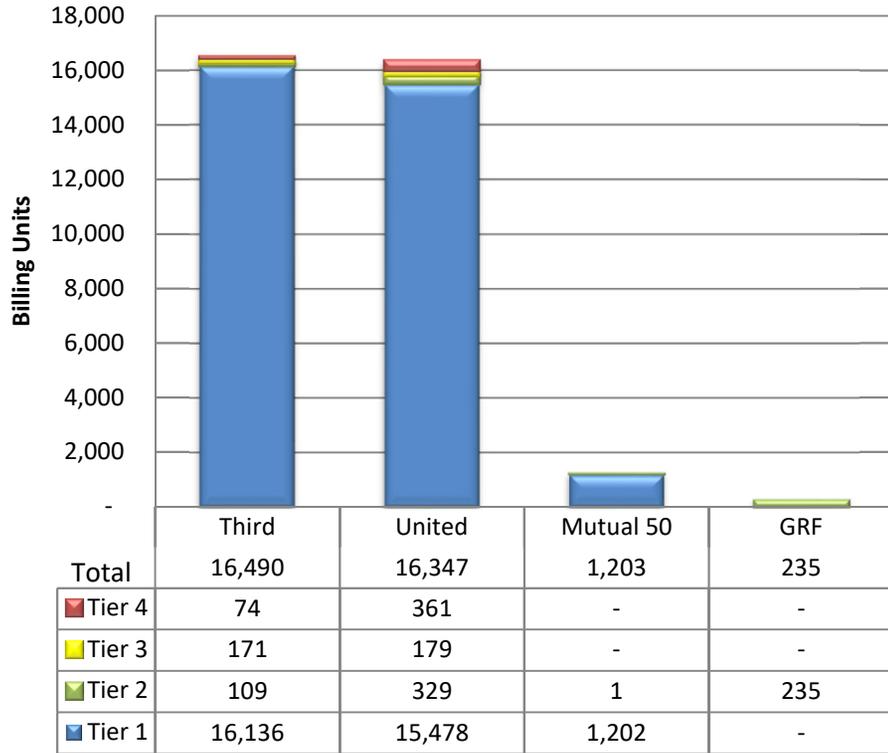


	Residential	Laguna Woods Village	Multi Family	Trailer Parks	Condo	Irrigation - Functional	Irrigation - Recreational	Commercial	Recycled Water	Public Authority	Private Fire	Flooding
■ Tier IV	831	435	472	333	224	400	0	0	0	0	0	0
■ Tier III	1,302	350	755	267	347	232	0	0	0	0	0	0
■ Tier II	7,244	334	516	195	167	5,446	1,486	0	0	0	0	0
■ Tier I	39,293	32,816	16,563	4,667	8,276	0	0	23,280	1,623	1,245	24	395

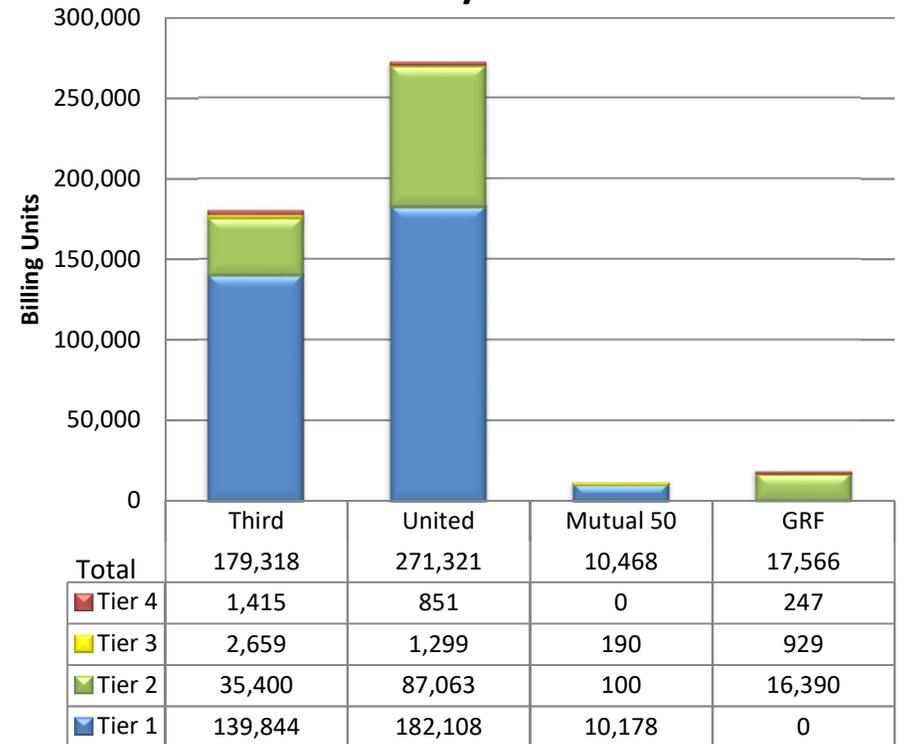
### Year-to-Date Water Sales as of February 2023



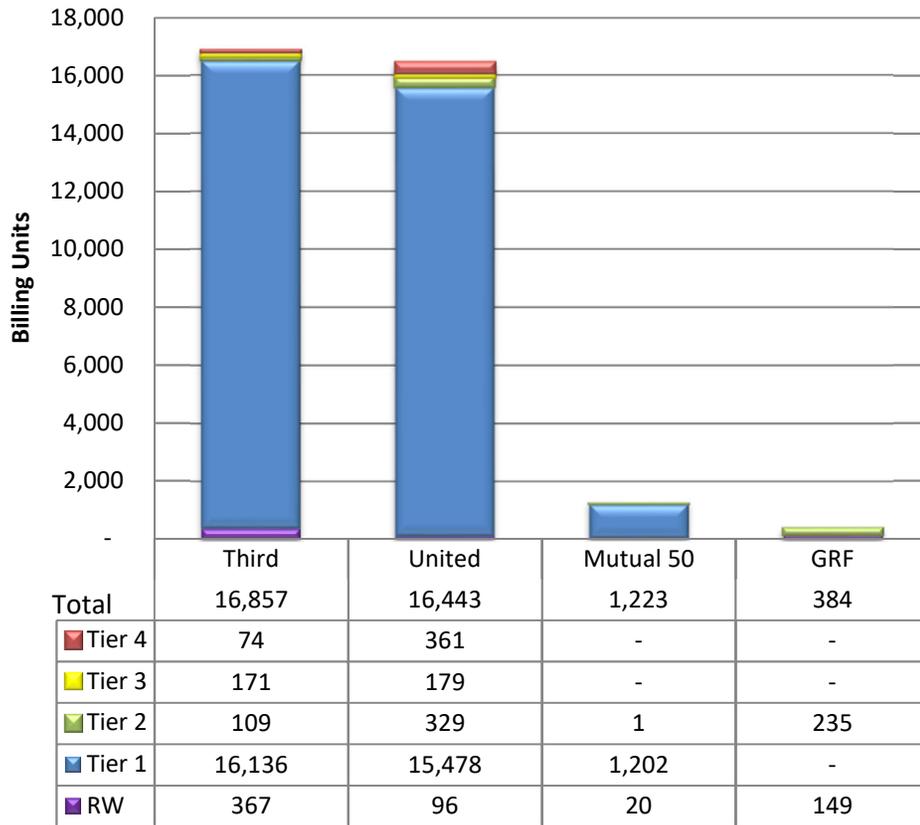
### Laguna Woods Village February 2023 Water Sales



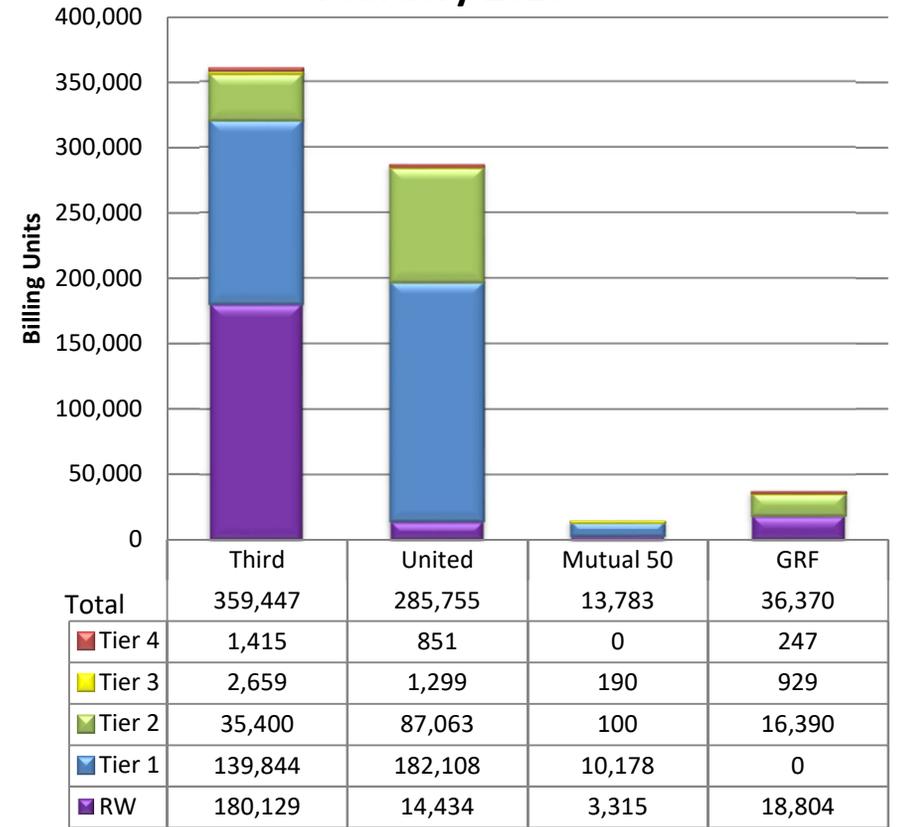
### Laguna Woods Village Year-to-Date Water Sales February 2023



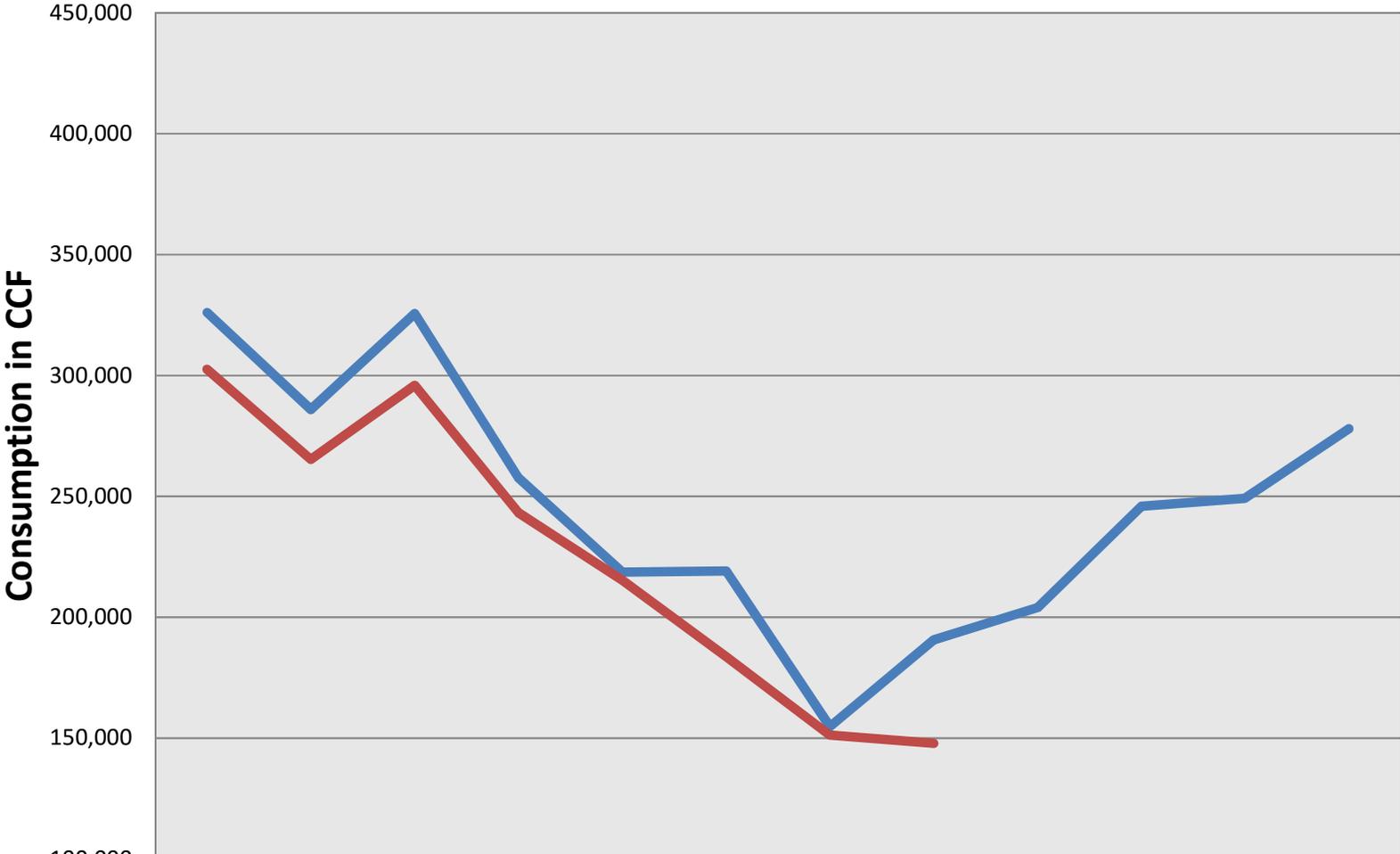
## Laguna Woods Village February 2023 Water & RW Sales



## Laguna Woods Village Year-to-Date Water & RW Sales February 2023

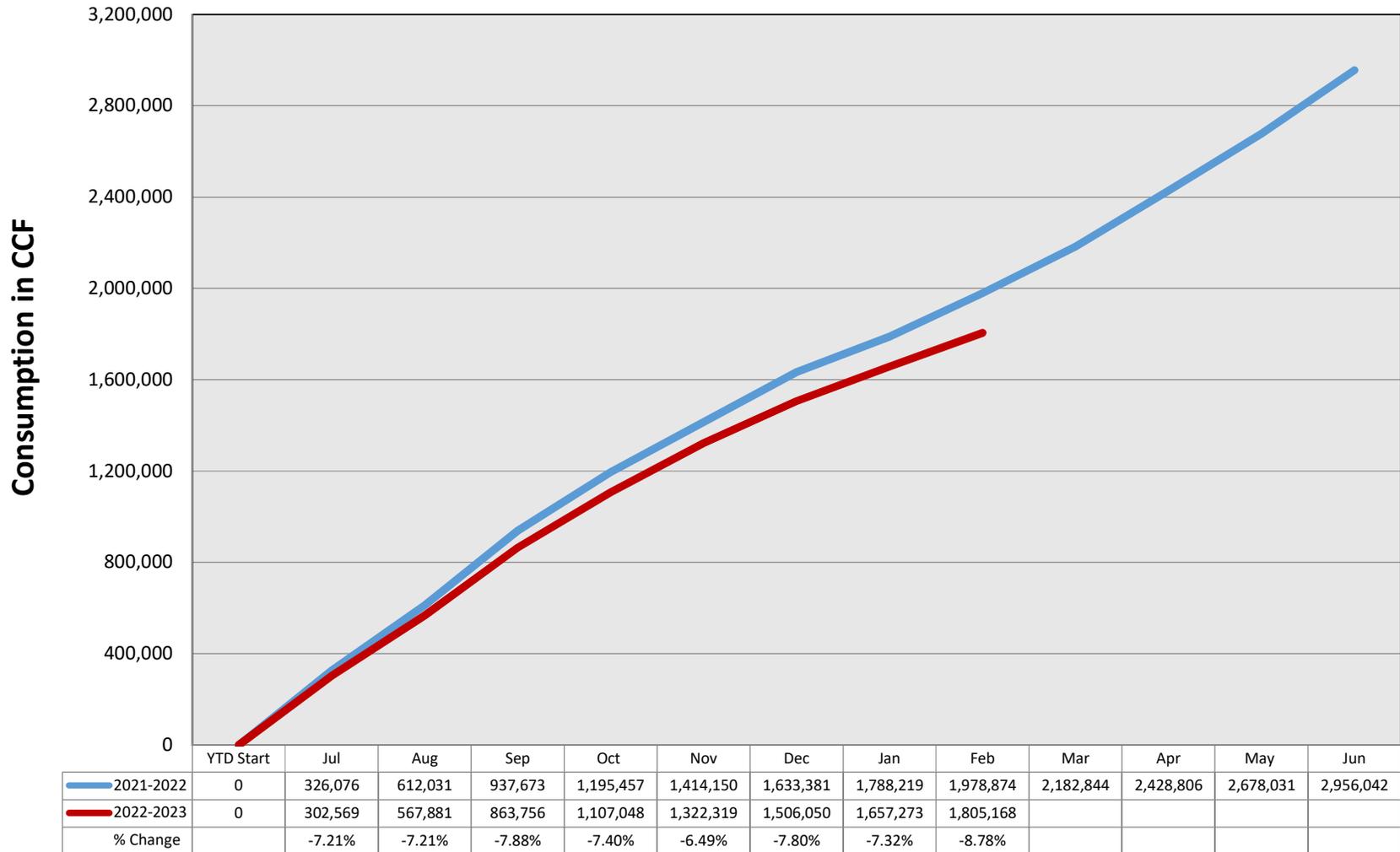


# ETWD Total Consumption

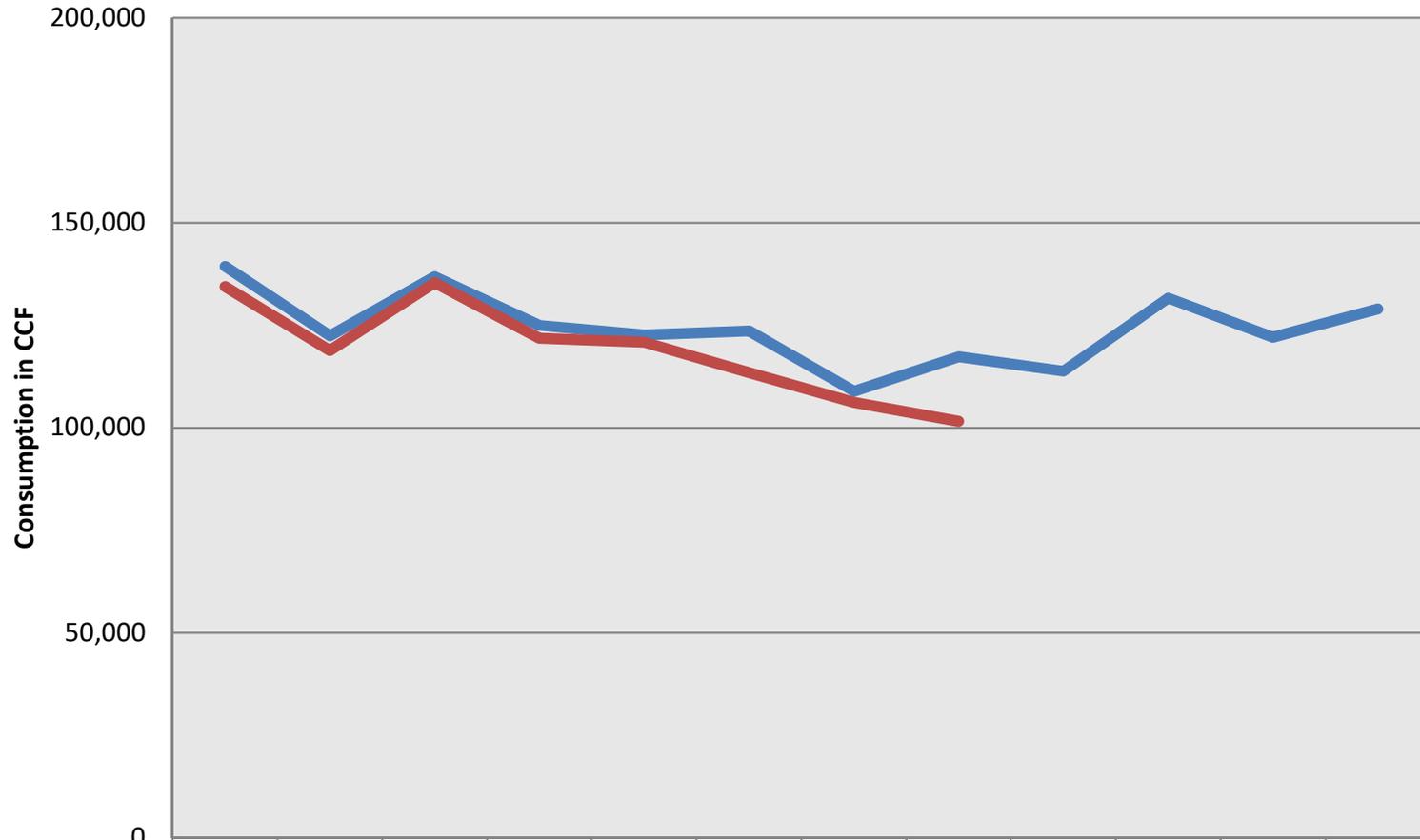


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	326,076	285,955	325,642	257,784	218,693	219,231	154,838	190,655	203,970	245,962	249,225	278,011
2022-2023	302,569	265,312	295,875	243,292	215,271	183,731	151,223	147,895				
% Change	-7.21%	-7.22%	-9.14%	-5.62%	-1.56%	-16.19%	-2.33%	-22.43%				

## ETWD Fiscal YTD Consumption

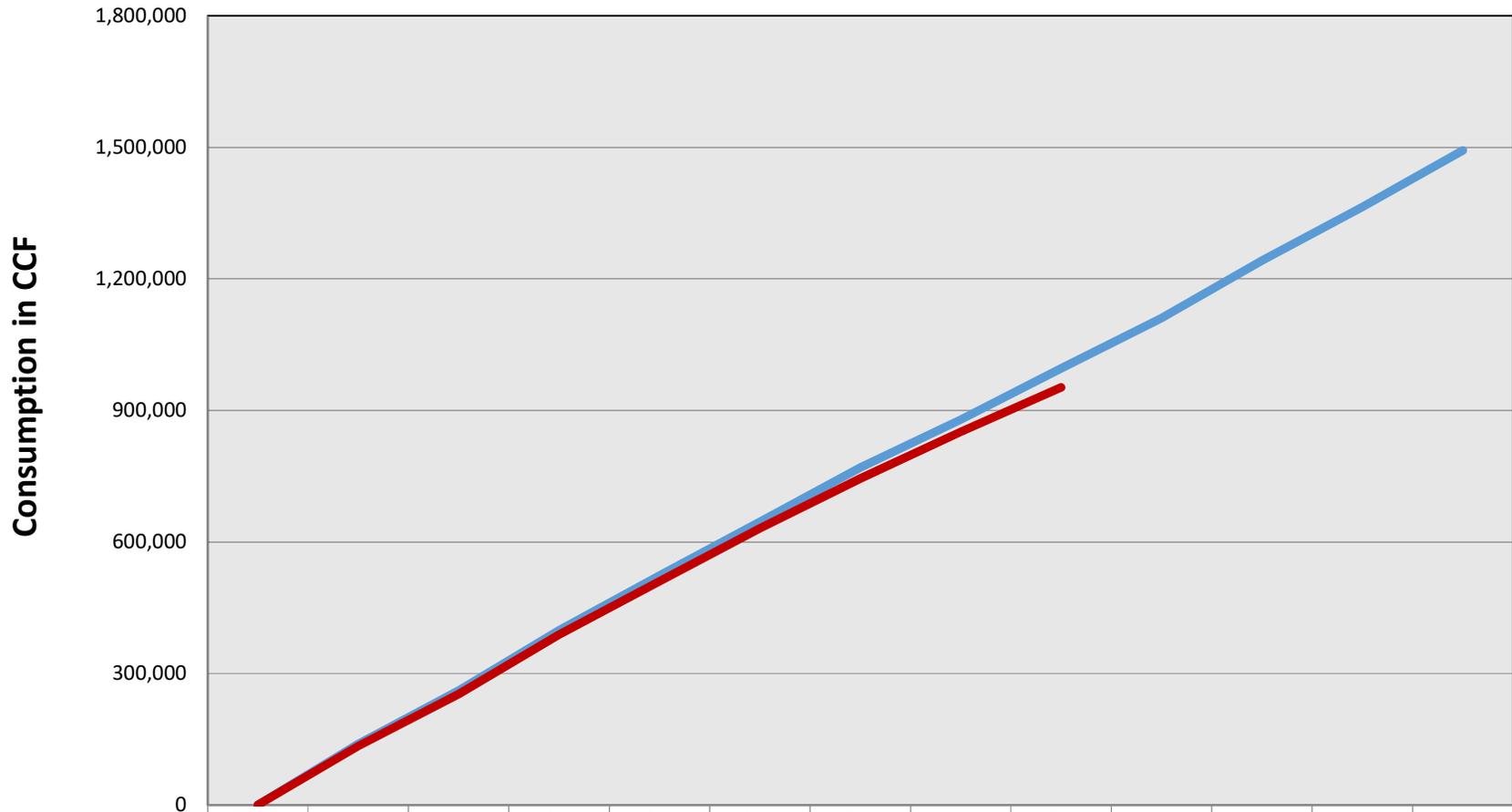


## Tier I Consumption



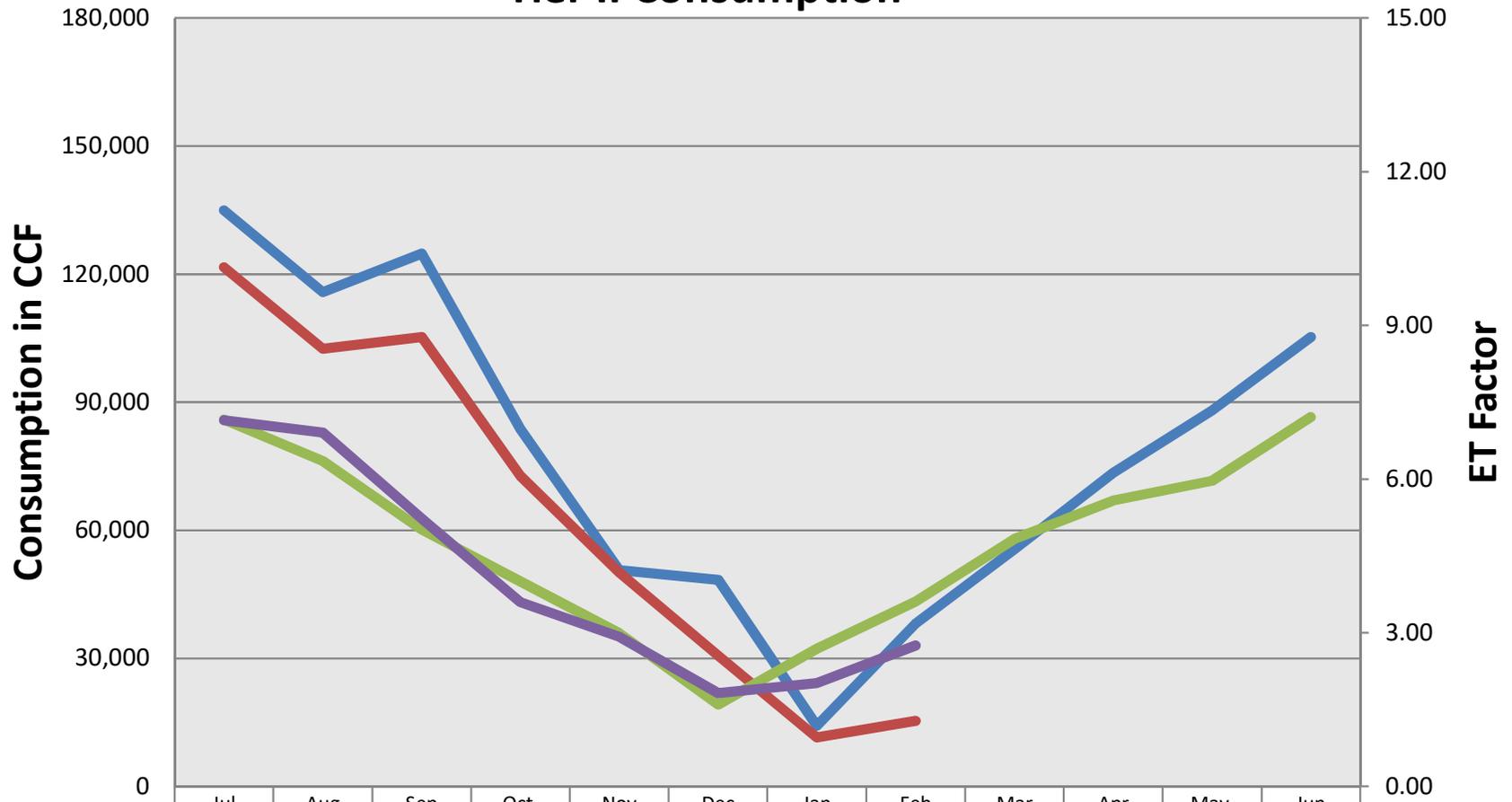
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	139,359	122,453	136,854	124,965	122,664	123,677	108,947	117,323	113,871	131,677	122,149	128,990
2022-2023	134,454	118,834	135,394	121,831	120,874	113,473	106,216	101,615				
% Change	-3.52%	-2.96%	-1.07%	-2.51%	-1.46%	-8.25%	-2.51%	-13.39%				

## Tier I Fiscal YTD Consumption



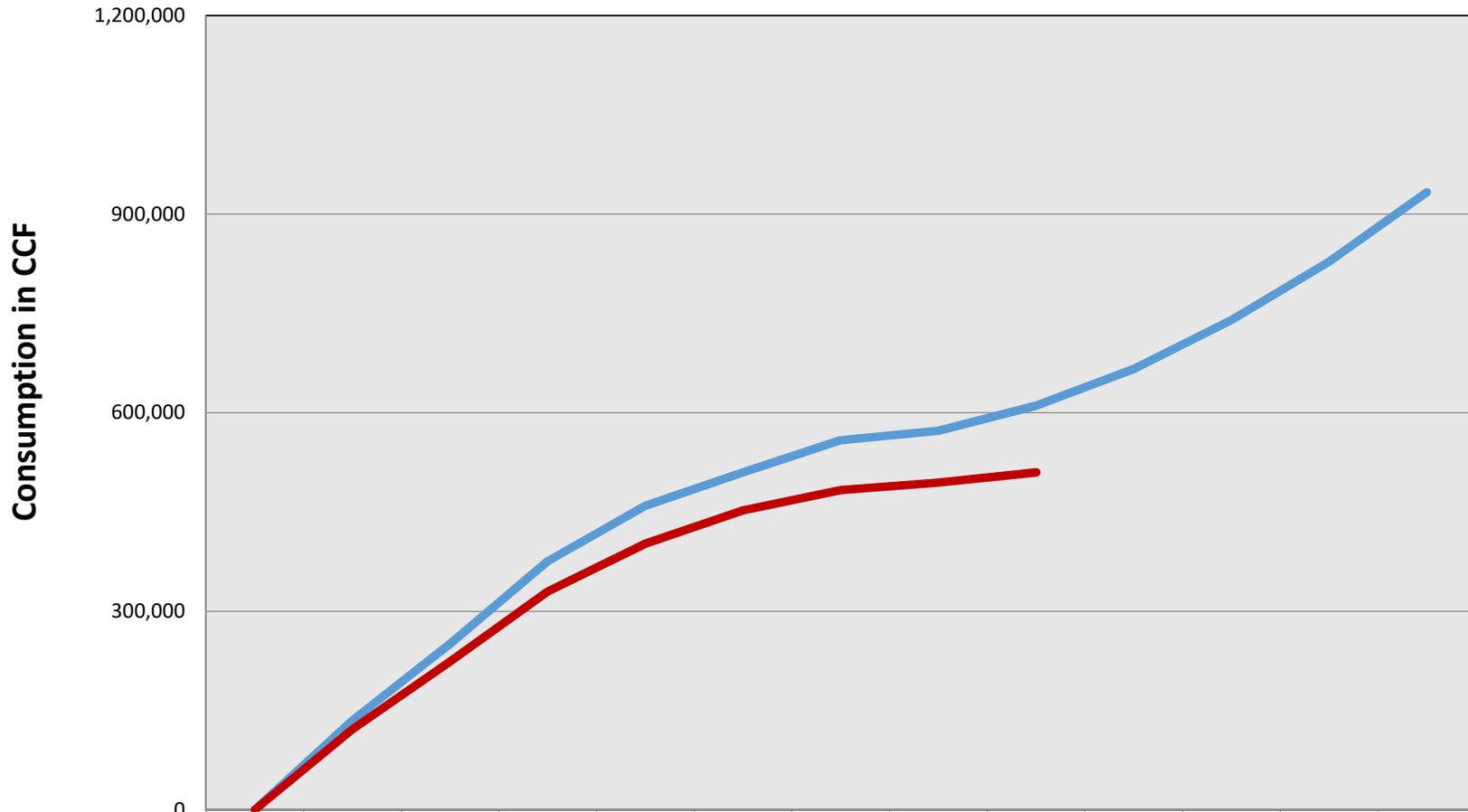
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	0	139,359	261,812	398,666	523,631	646,295	769,972	878,919	996,242	1,110,113	1,241,790	1,363,939	1,492,929
2022-2023	0	134,454	253,288	388,682	510,513	631,387	744,860	851,076	952,691				
% Change		-3.52%	-3.26%	-2.50%	-2.51%	-2.31%	-3.26%	-3.17%	-4.37%				

## Tier II Consumption



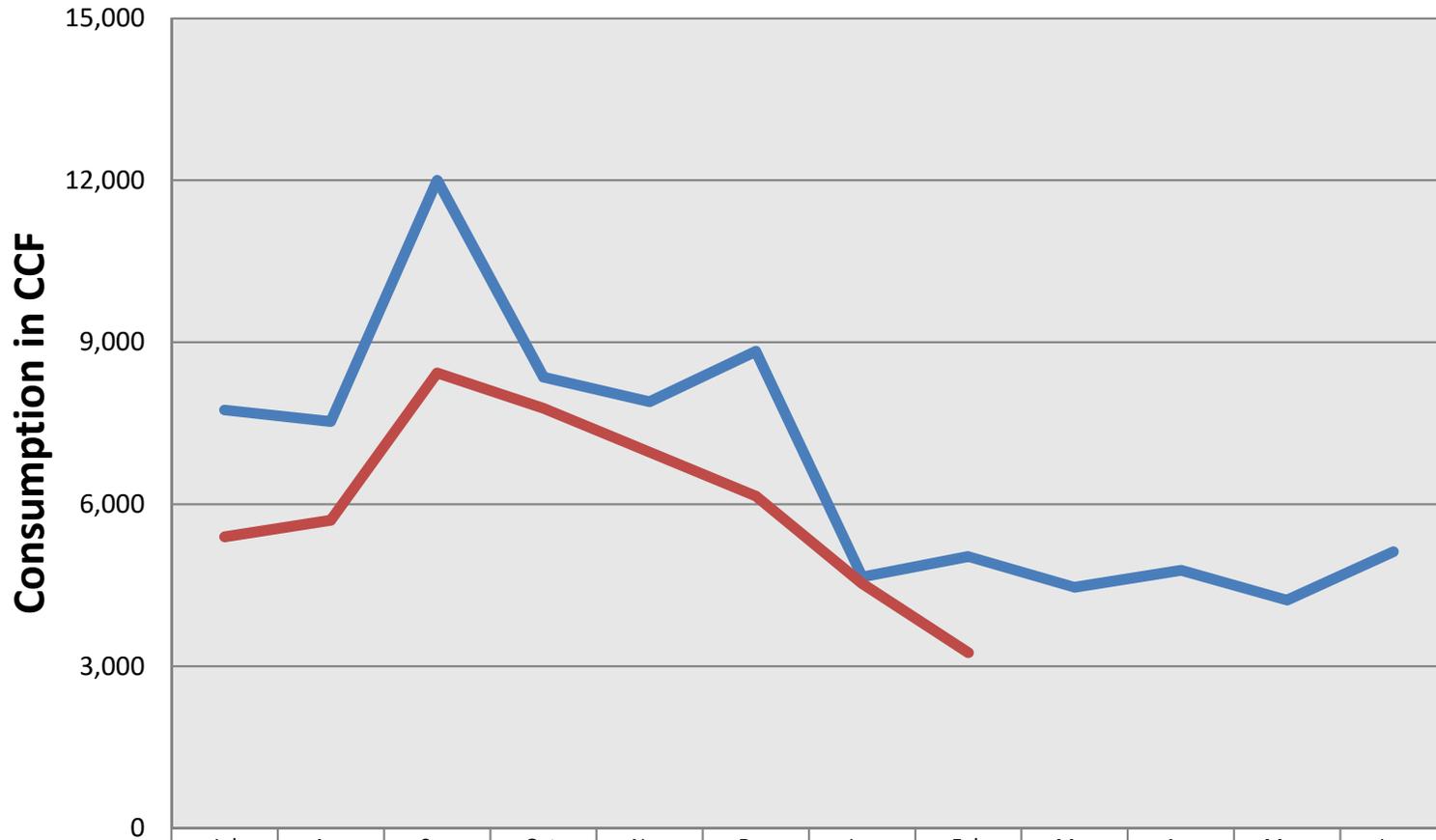
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	134,929	115,782	124,822	83,711	50,681	48,390	14,202	38,183	55,520	73,496	88,075	105,265
2022-2023	121,621	102,525	105,292	72,718	50,151	30,663	11,482	15,388				
% Change	-9.86%	-11.45%	-15.65%	-13.13%	-1.05%	-36.63%	-19.15%	-59.70%				
21/22 ET	7.16	6.35	5.01	4.00	2.99	1.60	2.69	3.61	4.83	5.58	5.97	7.21
22/23 ET	7.15	6.91	5.23	3.60	2.92	1.82	2.02	2.75				

## Tier II Fiscal YTD Consumption



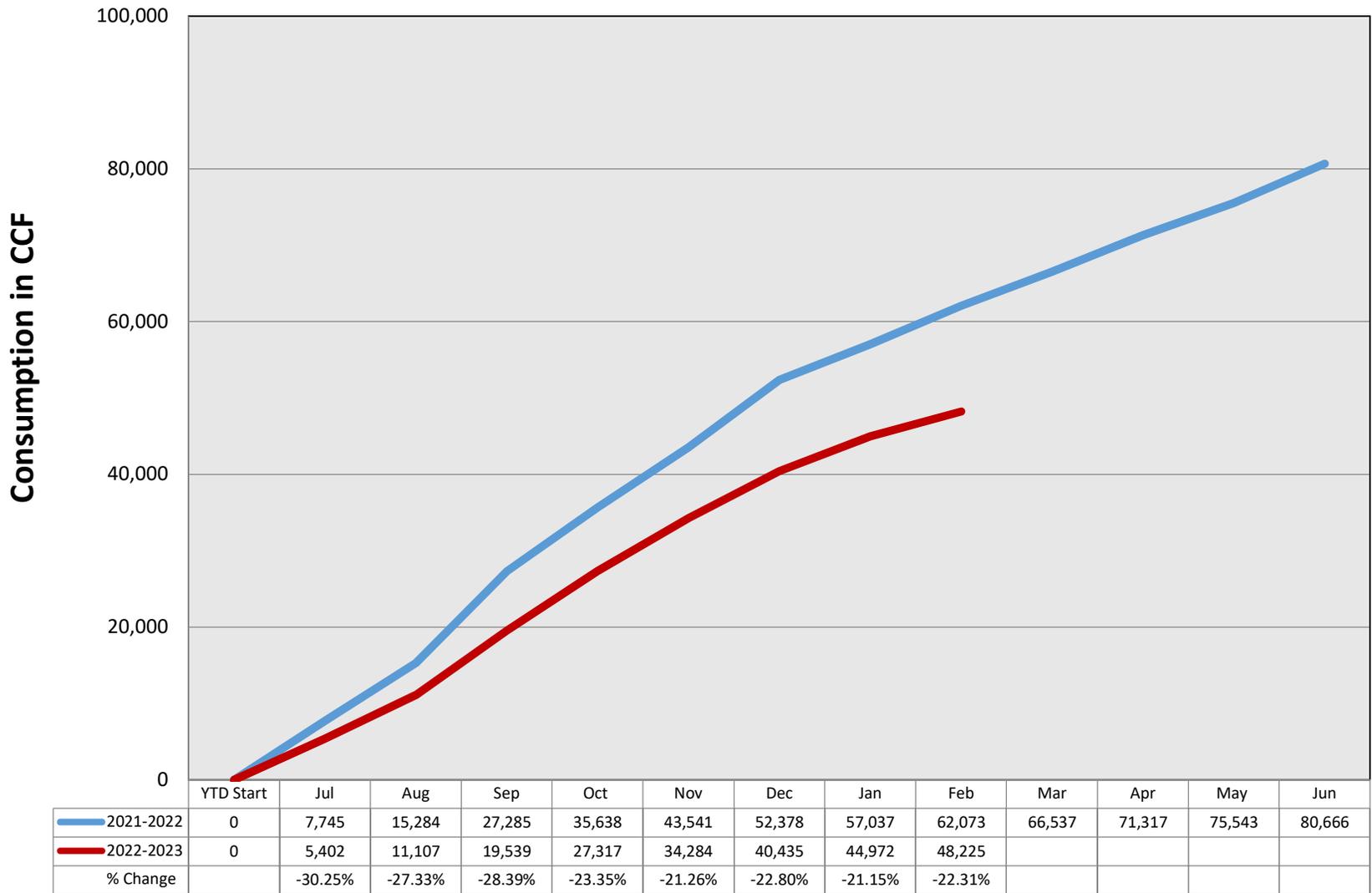
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	0	134,929	250,711	375,533	459,244	509,925	558,315	572,517	610,700	666,220	739,716	827,791	933,056
2022-2023	0	121,621	224,146	329,438	402,156	452,307	482,970	494,452	509,840				
% Change		-9.86%	-10.60%	-12.27%	-12.43%	-11.30%	-13.50%	-13.64%	-16.52%				

## Tier III Consumption

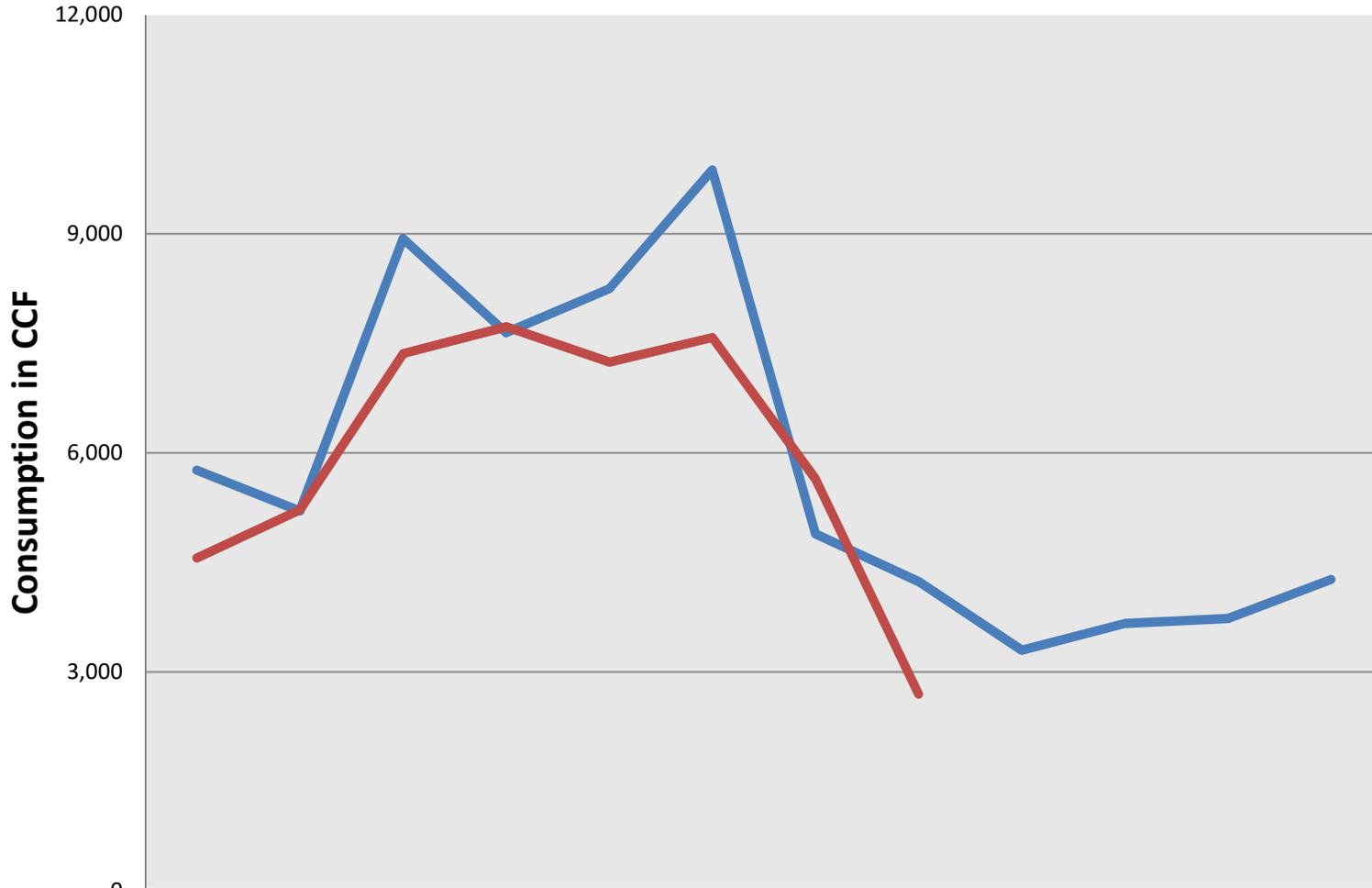


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	7,745	7,539	12,001	8,353	7,903	8,837	4,659	5,036	4,464	4,780	4,226	5,123
2022-2023	5,402	5,705	8,432	7,778	6,967	6,151	4,537	3,253				
% Change	-30.25%	-24.33%	-29.74%	-6.88%	-11.84%	-30.39%	-2.62%	-35.41%				

## Tier III Fiscal YTD Consumption

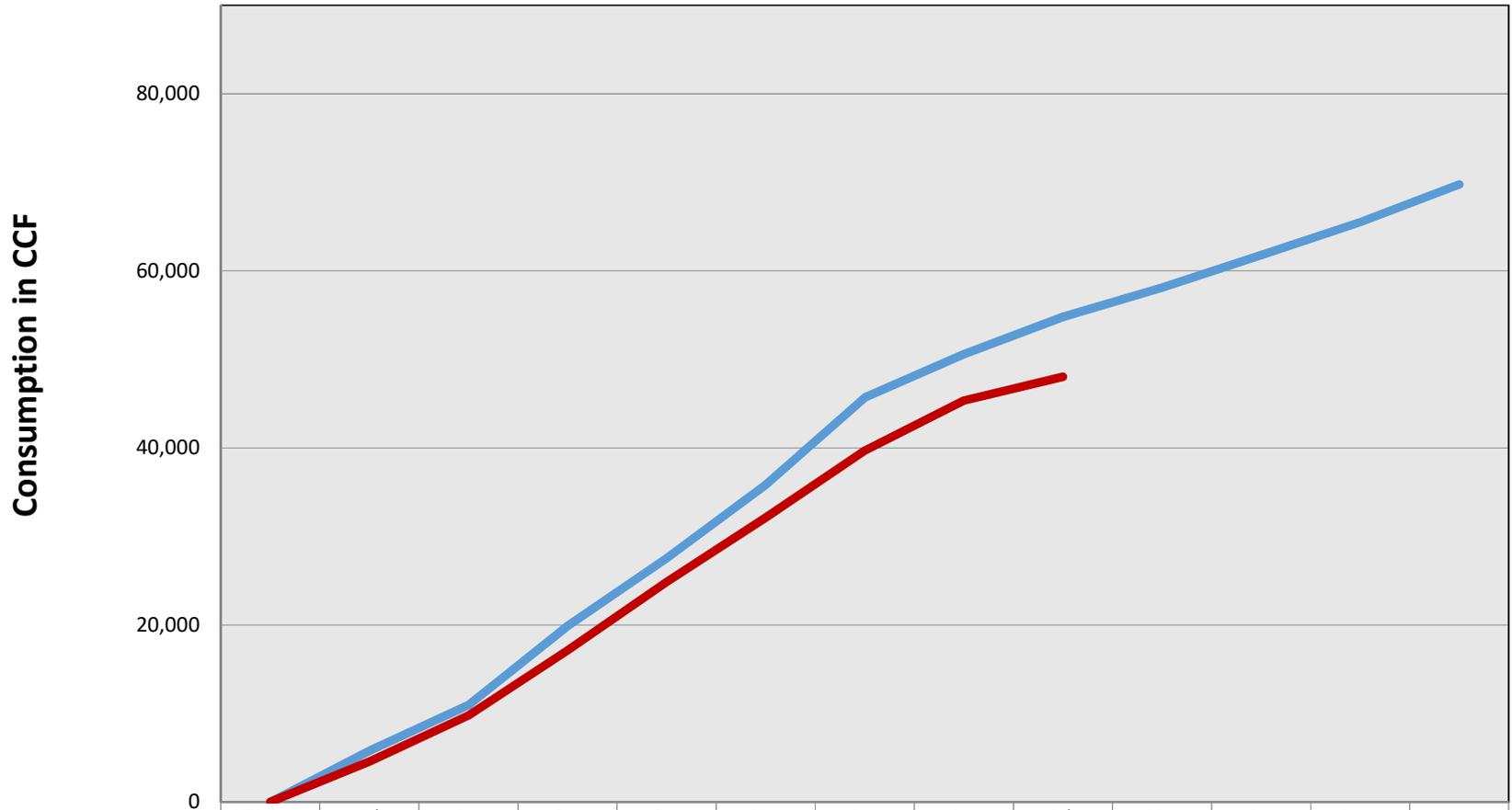


## Tier IV Consumption



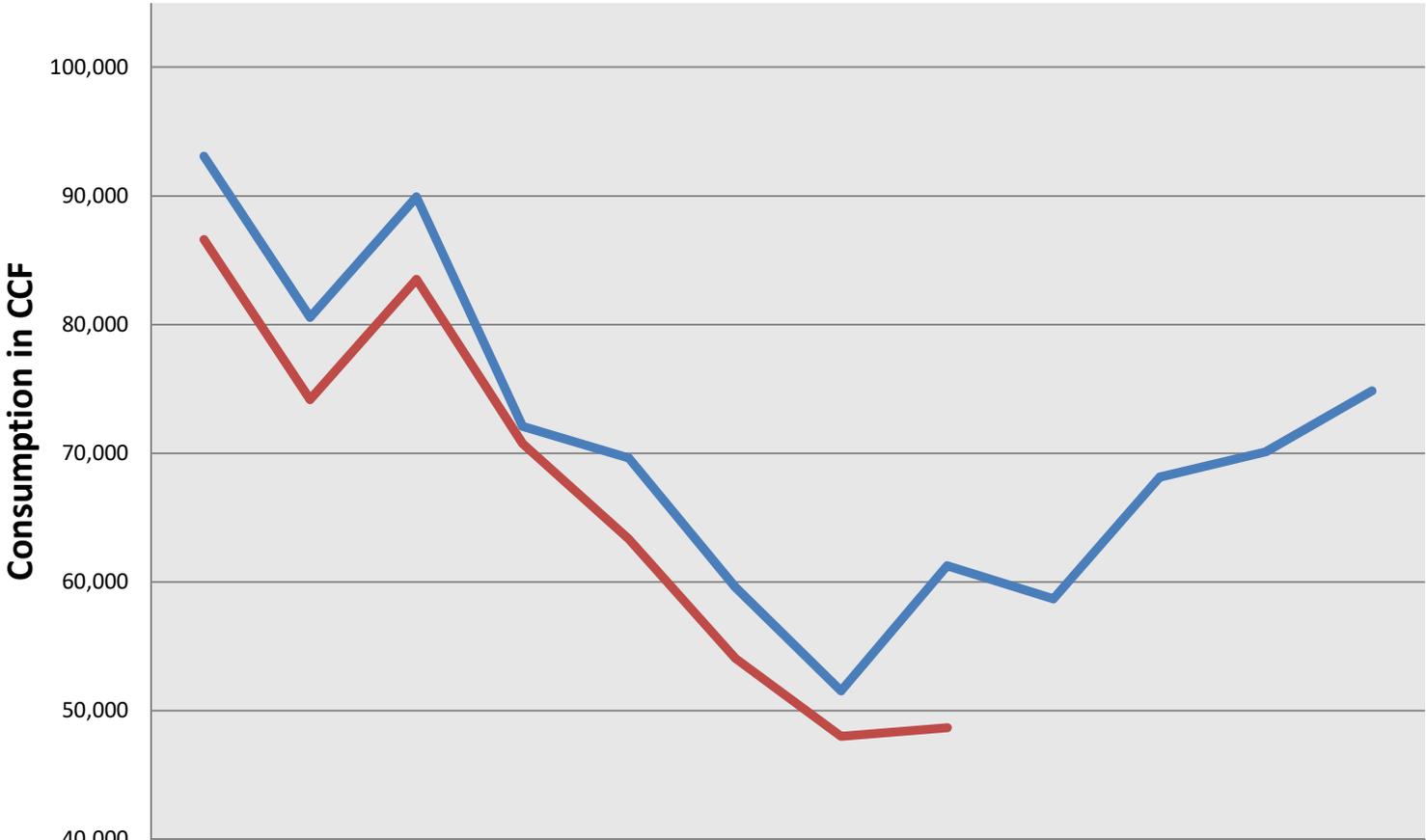
2021-2022	5,764	5,204	8,936	7,644	8,249	9,876	4,890	4,236	3,296	3,661	3,731	4,265
2022-2023	4,560	5,219	7,361	7,727	7,241	7,582	5,643	2,695				
% Change	-20.89%	0.29%	-17.63%	1.09%	-12.22%	-23.23%	15.40%	-36.38%				

### Tier IV Fiscal YTD Consumption



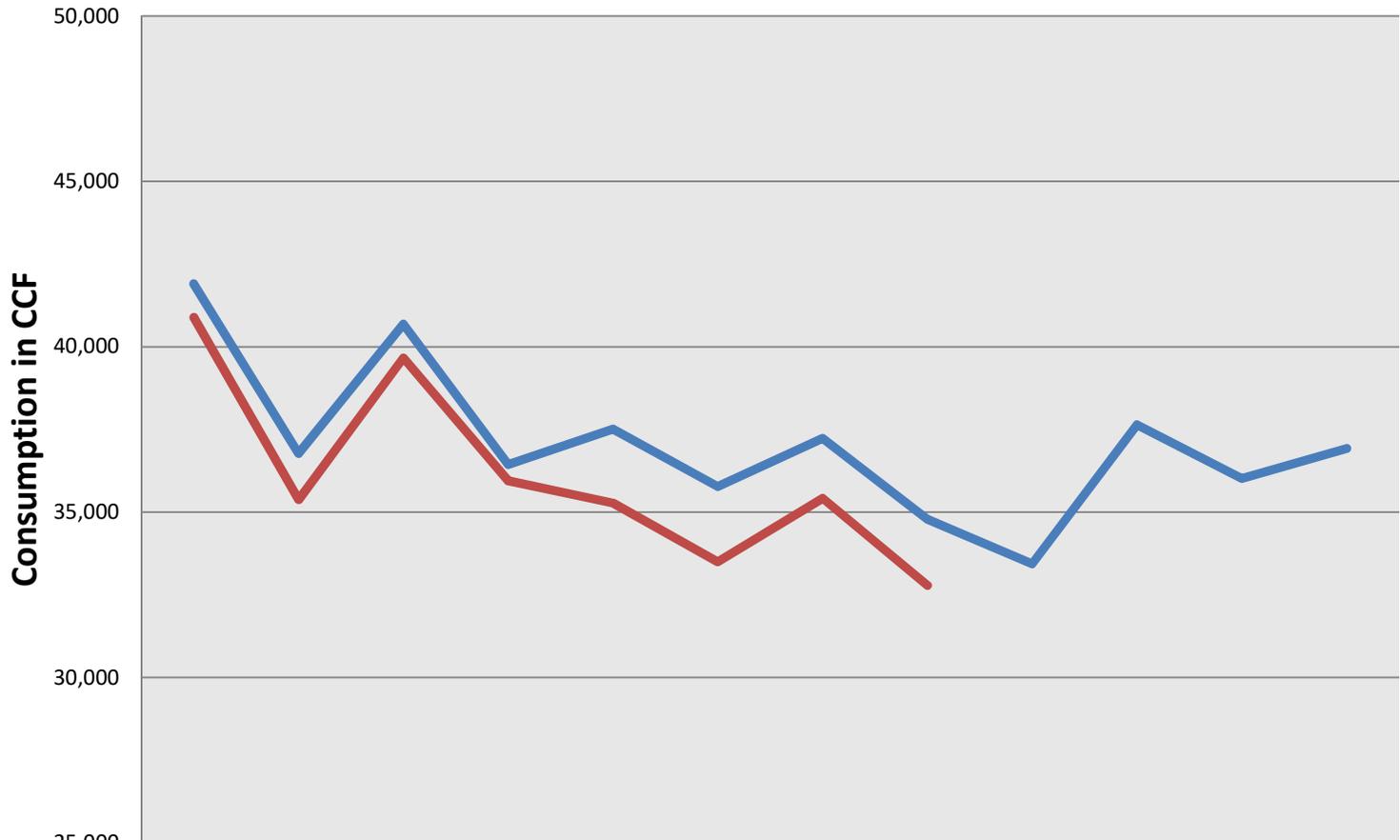
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	0	5,764	10,968	19,904	27,548	35,797	45,673	50,563	54,799	58,095	61,756	65,487	69,752
2022-2022	0	4,560	9,779	17,140	24,867	32,108	39,690	45,333	48,028				
% Change		-20.89%	-10.84%	-13.89%	-9.73%	-10.31%	-13.10%	-10.34%	-12.36%				

# Single Family Residents Consumption



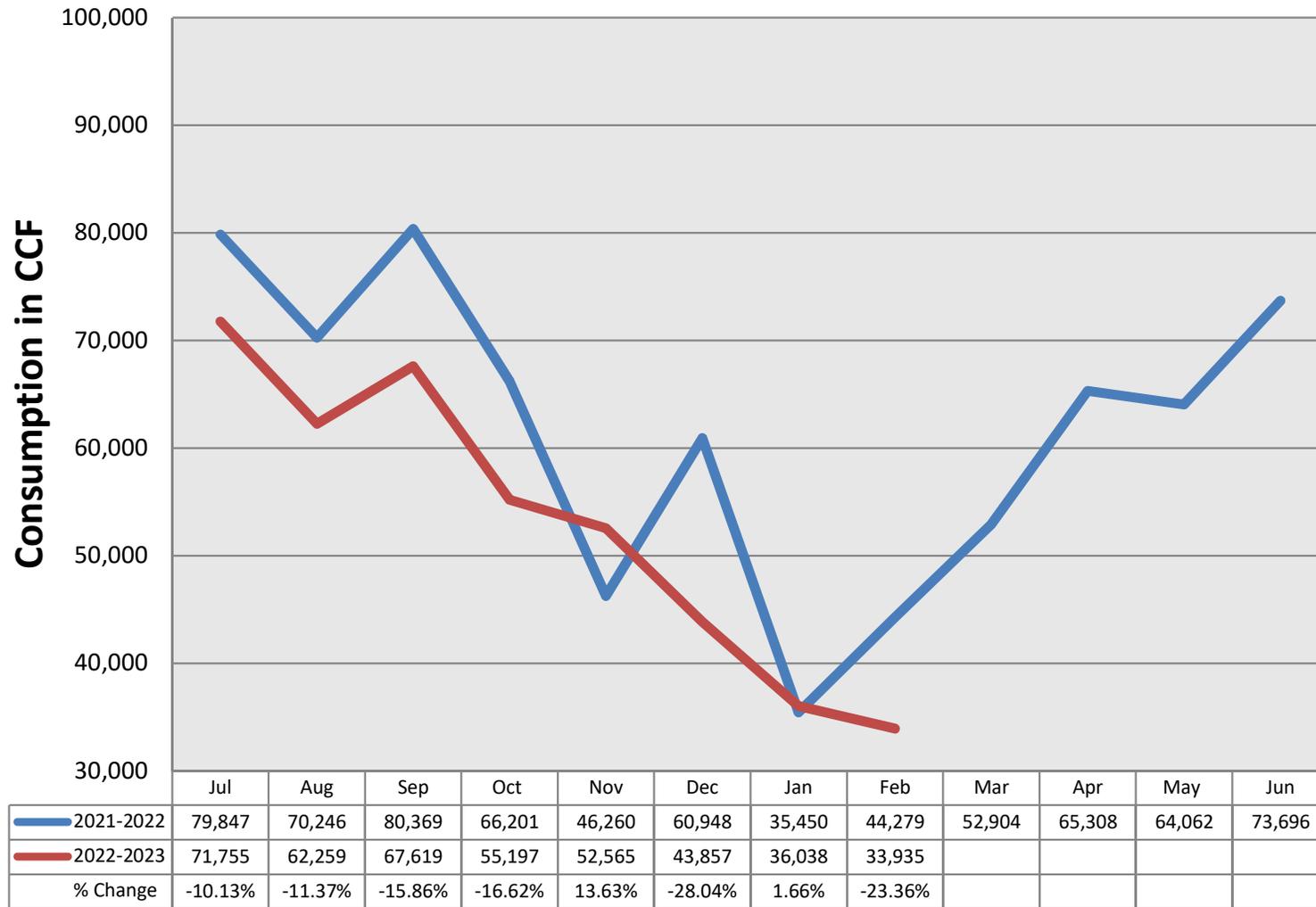
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	93,074	80,564	89,925	72,091	69,650	59,624	51,544	61,264	58,702	68,137	70,108	74,847
2022-2023	86,607	74,169	83,523	70,756	63,356	54,100	48,008	48,670				
% Change	-6.95%	-7.94%	-7.12%	-1.85%	-9.04%	-9.26%	-6.86%	-20.56%				

## Multi Family Residents Consumption

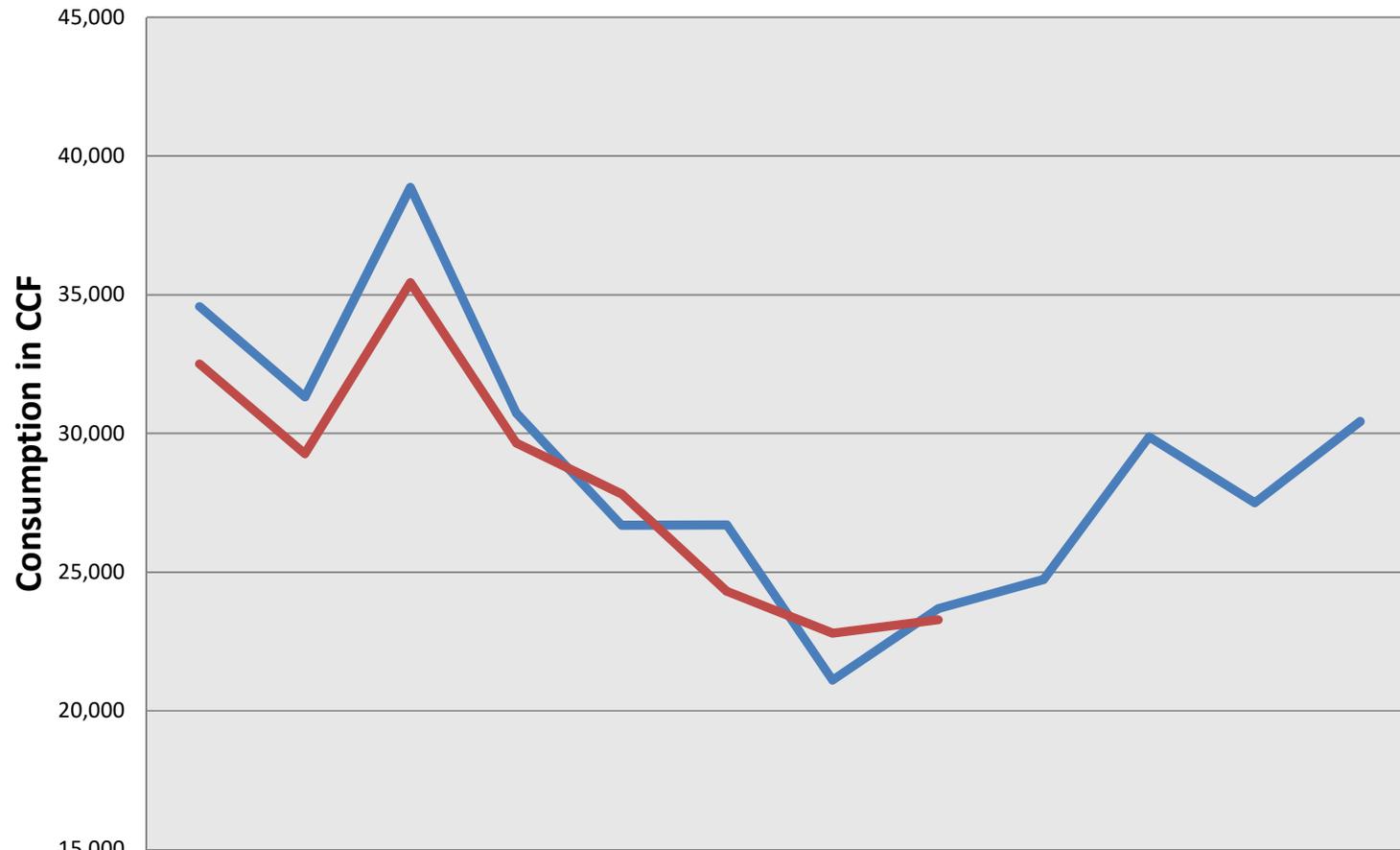


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	41,906	36,772	40,686	36,434	37,516	35,770	37,230	34,779	33,437	37,644	36,016	36,930
2022-2023	40,893	35,378	39,659	35,949	35,277	33,501	35,420	32,782				
% Change	-2.42%	-3.79%	-2.52%	-1.33%	-5.97%	-6.34%	-4.86%	-5.74%				

## Laguna Woods Village Consumption (Excluding Dedicated Irrigation)

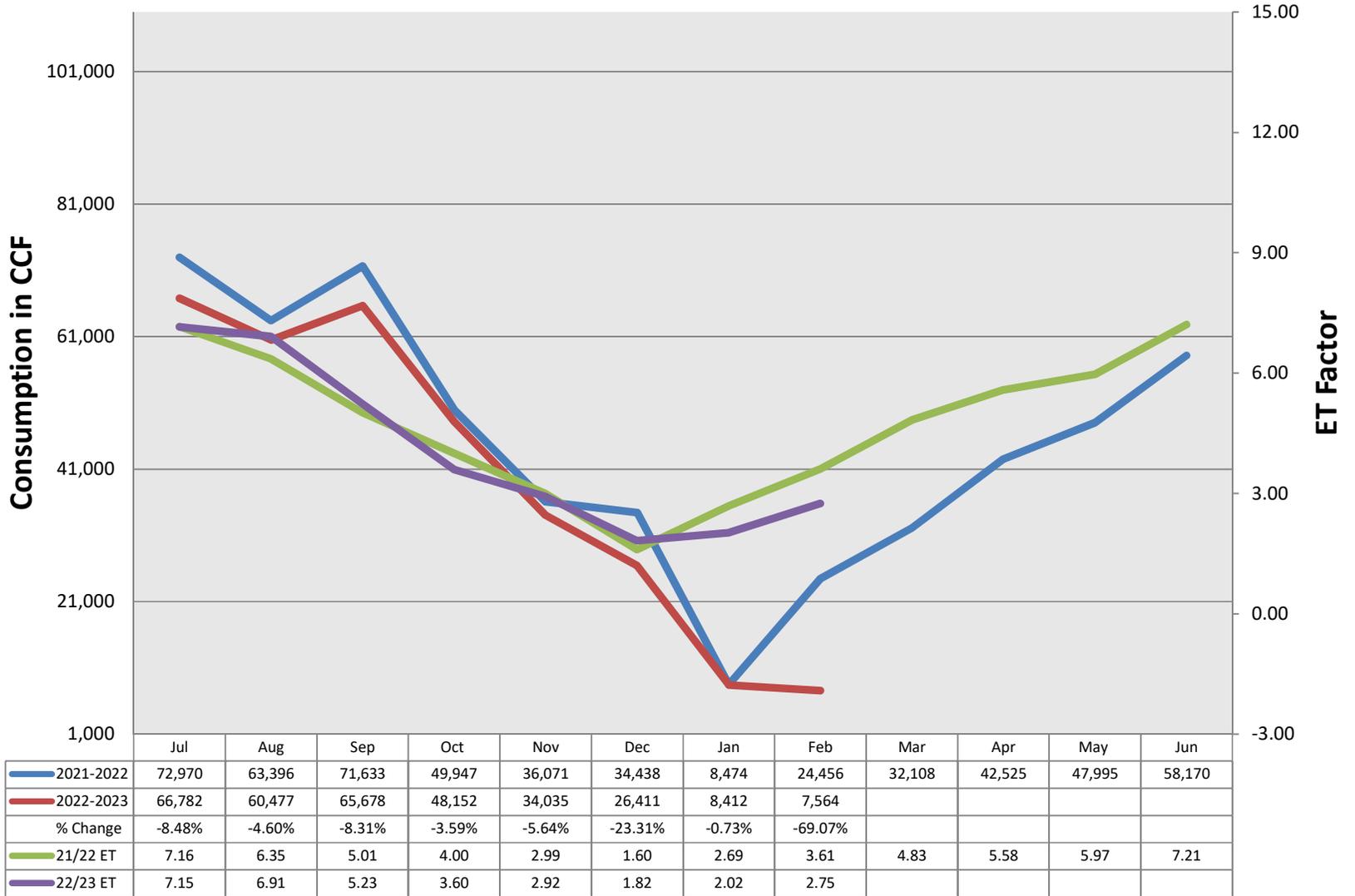


## Commercial Consumption

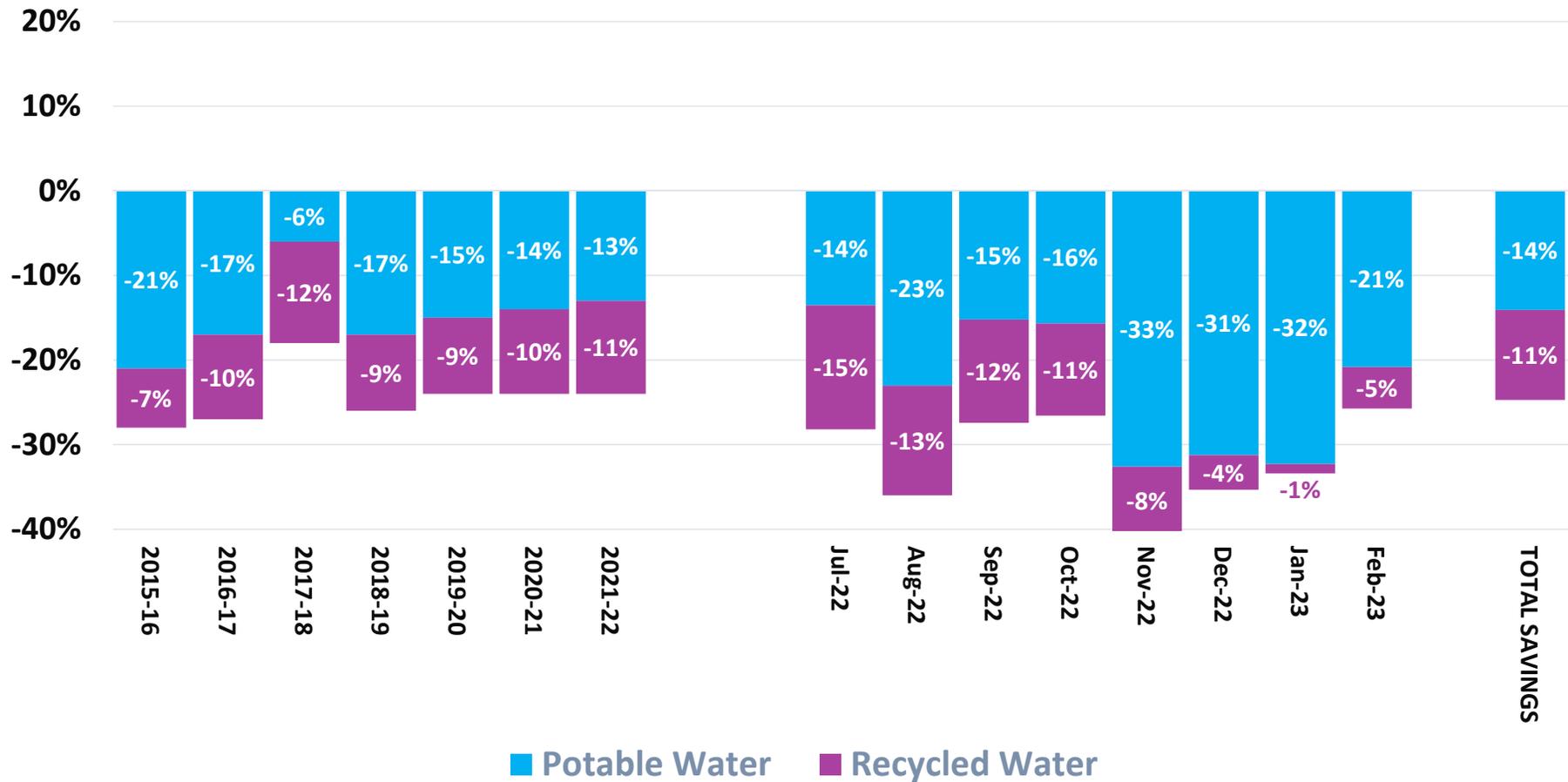


2021-2022	34,571	31,313	38,871	30,750	26,696	26,703	21,106	23,681	24,737	29,879	27,496	30,433
2022-2023	32,509	29,263	35,438	29,659	27,823	24,307	22,802	23,280				
% Change	-5.96%	-6.55%	-8.83%	-3.55%	4.22%	-8.97%	8.04%	-1.69%				

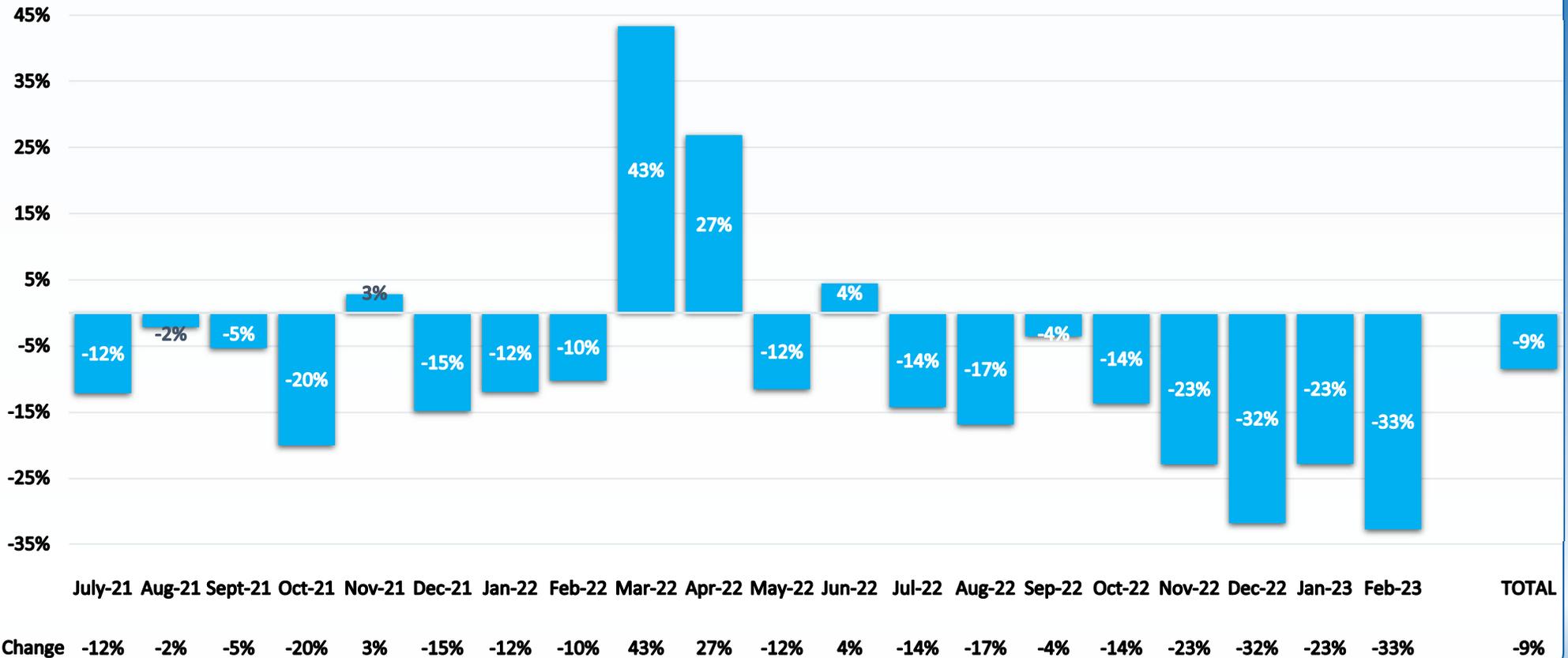
## Dedicated Irrigation Consumption (including LWV)



# ETWD WATER USAGE COMPARED TO 2013



# ETWD WATER USAGE COMPARED TO 2020



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



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

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

March 2, 2023  
8:30 a.m.

PHYSICAL MEETING LOCATION:  
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](http://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](mailto: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: 896 3447 9275  
Passcode: 190254

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/j/kezydLcMKy>

South Orange County Wastewater Authority  
Board of Directors Meeting  
March 2, 2023

Agenda

- 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 may reserve this opportunity during the meeting at the time the item is discussed by the board. There will be a three-minute limit for public comments.*

3.A APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

ACTION Board Discussion/Direction and Action.

PAGE NO

4. CONSENT CALENDAR

A. Operations Report (January) ..... 1

- 1. Monthly Operational Report
- 2. SOCWA Ocean Outfall Discharges by Agency
- 3. Quarterly Report on Key Operational Expenses
- 4. Beach Ocean Monitoring Report
- 5. Recycled Water Report
- 6. Pretreatment Report (February)

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

B. Capital Improvement Program Status Report (February) ..... 43

ACTION Information item; receive and file.

C. Capital Improvement Construction Projects Progress and Change Order Report (February) [Project Committees 2, 15, & 17] ..... 47

ACTION Staff recommend that the Board of Directors receive and file the report as an information item.

D. Flows and Solids Loadings for FY 2023-24 Budget Preparation ..... 48

ACTION Information Item.

E. FY 2022-23 Sierra Analytical Increase Purchase Order ..... 51

ACTION Staff recommends that the Board of Directors authorize the General Manager to increase the Sierra Analytical purchase order by \$35,000 for FY2022-23.

Agenda

PAGE NO

- F. Contract Award for Regional Treatment Plant (RTP) Cogen Engine SCR Blower Installation [Project Committee 17] 54
- ACTION The Engineering Committee recommends that the PC 17 Board of Directors:
1. Award the contract to Western Energy in the amount of \$45,450.23 plus actual shipping costs, fees, and tax to be determined at the time of shipping for the installation of the Stueler blower modification on the RTP Cogen selective catalytic reducer (SCR); and
  2. Establish a project contingency in the amount of \$5,000.
- G. Contract Award for J.B. Latham Treatment Plant (JBL) Cogen Engine SCR Blower Installation [Project Committee 2] ..... 58
- ACTION The Engineering Committee recommends that the PC 2 Board of Directors:
1. Award the contract to Western Energy in the amount of \$45,450.23 plus actual shipping costs, fees, and tax to be determined at the time of shipping for the installation of the Stueler blower modification on the JBL Cogen selective catalytic reducer (SCR); and
  2. Establish a project contingency in the amount of \$5,000.
- H. Replacement Wemco Grit Pump [Project Committee 2] ..... 62
- ACTION Staff recommends that the PC 2 Board of Directors authorize the General Manager to purchase two (2) replacement Wemco 3X3 Torque Pumps for the JB Latham Plant from Flo-Systems, Inc. at the cost of \$54,104.51, plus shipping costs, fees, and additional tax to be determined at the time the units are shipped.
- I. Contract Award for J.B. Latham Treatment Plant (JBL) Administration Building Roof Reconstruction [Project Committee 2] ..... 64
- ACTION The Engineering Committee recommends that the PC 2 Board of Directors award the contract to A. Preman Roofing in the amount of \$93,985.00 for the JB Latham Administration Building Roof Reconstruction Project with a contingency of \$19,700.00.

South Orange County Wastewater Authority  
Board of Directors Meeting  
March 2, 2023

Agenda

PAGE NO

- J. Contract Award to Crown Facility Solutions for Janitorial Services  
[Project Committees 2, 15, & 17] ..... 67

ACTION Staff recommends that the Board of Directors authorize the Acting General Manager to:

1. Award a contract to Crown Facility Solutions for two (2) years for a not to exceed the amount of \$135,705.64, and
2. Authorize the Acting General Manager approval authority for 3 optional annual renewals upon mutual agreement of both parties.

- K. Resolution No. 2023-02: Resolution of the Board of Directors of the South Orange County Wastewater Authority Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF)..... 69

ACTION Staff recommends that the Board of Directors adopt Resolution No. 2023-02: Resolution of the Board of Directors of the South Orange County Wastewater Authority Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF).

- L. Resolution No. 2023-03: Resolution of the Board of Directors of the South Orange County Wastewater Authority Authorizing Establishment of Deposit Accounts with Bank of the West (A trade name used by BMO Harris Bank N.A.)..... 73

ACTION Staff recommends that the Board of Directors adopt Resolution No. 2023-02: Resolution of the Board of Directors of the South Orange County Wastewater Authority Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF).

5. GENERAL MANAGER'S REPORTS

- A. Resolution No. 2023-01: Resolution of the Board of Directors of the South Orange County Wastewater Authority Adopting a Commendation to Jose Navarro for providing dedicated service to the South Orange County Wastewater Authority and the Residents of Southern Orange County for the period of November 1982 to January 2023..... 77

ACTION Staff recommends that the Board of Directors adopt Resolution No. 2023-01: Resolution of Commendation to Jose Navarro for providing dedicated service to the South Orange County Wastewater Authority and the Residents of Southern Orange County for the period of November 1982 to January 2023.

- B. Board of Director Offices – Special Appointment of Board Officer Secretary/Treasurer ..... 80

ACTION Staff recommends that the Board of Directors appoint James (Jim) Leslie Burror, Jr. to the position of the Secretary/Treasurer.

South Orange County Wastewater Authority  
Board of Directors Meeting  
March 2, 2023

Agenda

PAGE NO

C. South Orange County Integrated Water Management Plan (IRWM) – Special Appointment of Executive Committee Members ..... 81

- ACTION      Staff recommends that the Board of Directors:
1. Reappoint South Coast Water District’s Rick Erkeneff as the primary representative and appoint James (Jim) Leslie Burror, Jr. as the alternate representative on the South Orange County Integrated Water Management Plan (IRWM) Executive Committee, and
  2. Committee, and
  3. Rescind all previous appointments to represent SOCWA on the South Orange County Water Management Plan (IRWM) Executive Committee.

D. JPA & Project Committee Agreement Revisions.....

- Future of the Joint Powers Agreement / Future Direction for SOCWA

ACTION      Board Discussion/Direction and Action.

E. Consideration and Action on South OC Wastewater Authority Authorization Optimization Blueprint.....

1. Discussion regarding South Coast Water District’s proposal applicable to the JB Latham Plant / Project Committee No. 2. (*Proposal provided under separate cover*)
2. Continued discussion Santa Margarita Water District’s proposal applicable to the JB Latham Plant and Project Committee No. 2.
3. Discuss Project Committee No. 2 Draft Agreement.

ACTION      Board Discussion/Direction and Action.

F. General Counsel’s Updates.....

- JPA Revision Process (Standing item)

ACTION      Board Discussion/Direction and Action.

G. General Manager’s Status Report ..... 82

ACTION      Information Items, Board Discussion/Direction and Action.

H. Upcoming Meetings Schedule: .....

- a. March 2, 2023 – Board of Directors Regular Meeting
- b. March 9, 2023 – Engineering Committee Meeting
- c. March 14, 2023 – PC 2 Committee / SOCWA Emp. Assoc. Meeting
- d. March 21, 2023 – Finance Committee Meeting
- e. March 21, 2023 – PC 2 Committee Meeting
- f. April 6, 2023 – Board of Directors Regular Meeting

ACTION      Information Item.

South Orange County Wastewater Authority  
Board of Directors Meeting  
March 2, 2023

Agenda

6. CLOSED SESSION

A. Closed Session Pursuant to Government Code § 54957.6 Conference with Labor Negotiators:

SOCWA Agency Designated Representative: Brad Neufeld of Varner & Brandt

1. SOCWA Unrepresented Employee:
  - Controller
2. SOCWA Unrepresented Employee:
  - Director of Engineering
3. SOCWA Unrepresented Employee:
  - Director of Environmental Compliance
4. SOCWA Unrepresented Employee:
  - Executive Assistant / Clerk of the Board
5. SOCWA Unrepresented Employee:
  - Procurement/Contracts Manager
6. SOCWA Unrepresented Employee:
  - Human Resources Administrator

B. Closed Session Pursuant to Government Code § 54957.6 Conference with Labor Negotiators:

- SOCWA Agency Designated Representative: Brad Neufeld of Varner & Brandt

SOCWA Unrepresented Employee: Director of Operations/Interim General Manager

7. OTHER MATTERS

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

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING  
APRIL 6, 2023

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

**March 9, 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 **March 9, 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](http://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](mailto: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: 836 5108 8027  
Passcode: 892000

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/j/kcvxUgomOH>

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. Operations Report..... 1

**Recommended Action:** Information Item.

4. Capital Improvement Construction Projects Progress and Change Order Report (March) [Project Committees 2, 15, & 17] ..... 2

**Recommended Action:** Staff recommends that the Engineering Committee approve the following Olsson Construction Change Order No. 72 for a total of \$10,831.51, with no additional days, and a revised contract value of \$18,626,867.89 for the J.B. Latham Package B Project.

5. Contract Award for Coastal Treatment Plant (CTP) AWMA Road Guardrail Replacement Project [Project Committee 15] ..... 14

**Recommended Action:** Staff recommends that the Engineering Committee recommend that the PC 15 Board of Directors award the contract to Danny C. Hubbs in the amount of \$48,770 for the Coastal Treatment Plant AWMA Road Guardrail Replacement Project with a contingency of \$10,000.

6. Draft Capital Improvement Program (CIP) Budget for Fiscal Year 2023/24 ..... 16

**Recommended Action:** Information Item.

7. Contract Award for Regional Treatment Plant (RTP) Cogen Engine Black Start Operation Upgrade [Project Committee 17] ..... 24

**Recommended Action:** Staff recommends that the Engineering Committee recommend that the PC 17 Board of Directors award the contract to Wester Energy in the amount of \$75,000 for the Cogen Engine Black Start Operation Upgrade Project.

PAGE NO.

8. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Proposal  
[Project Committee 15] ..... 29

**Recommended Action:** Committee Discussion and Direction to Staff.

9. Contract Award for Coastal Treatment Plant (CTP) Drainage Pump Station  
Conceptual Design [Project Committee 15] ..... 36

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC 15 Board of Directors to award the contract to Tetra Tech in the amount of \$176,000 for the Coastal Treatment Plant Drainage Pump Station Conceptual Design Project.

Adjournment

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

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

Dated this 3rd day of March 2023.



---

Danita Hirsh, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

I hereby certify that the following Agenda was posted at least 24 hours prior to the time of the Board Meeting so noticed below, at the usual agenda posting location of the South Orange County Wastewater Authority [SOCWA] and at [www.socwa.com](http://www.socwa.com).



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

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

March 15, 2023  
8:00 a.m.

PHYSICAL MEETING LOCATION:  
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 TWENTY-FOUR (24) 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 TWENTY-FOUR (24) 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](http://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](mailto: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 TWENTY-FOUR (24) 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: 873 9721 8563  
Passcode: 561740

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/j/kiWKwApJN>

South Orange County Wastewater Authority  
Board of Directors Meeting  
March 15, 2023

Agenda

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 may reserve this opportunity during the meeting at the time the item is discussed by the board. There will be a three-minute limit for public comments.*

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

ACTION Board Discussion/Direction and Action.

5. CONSIDERATION AND ACTION REGARDING FUTURE DIRECTION OF SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (SOCWA)

1. Update on MNWD/SCWD/SMWD Ad-Hoc Committee Meeting.
2. Discussion regarding the South OC Wastewater Optimization Blueprint provided by MNWD and SMWD.
3. Discuss regarding South Coast Water District Proposal.

ACTION Board Discussion/Direction and Action.

6. OTHER MATTERS

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

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING  
APRIL 6, 2023

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

**March 21, 2023  
10:30 a.m.**

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called to be held on **March 21, 2023 at 10:30 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 TWENTY-FOUR (24) 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 TWENTY-FOUR (24) 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](http://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](mailto: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 FINANCE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE 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 FINANCE COMMITTEE LESS THAN TWENTY-FOUR (24) 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 FINANCE 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: 839 0219 2162  
Passcode: 834903

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/j/kcAY3vRyhT>

AGENDA

1. Call Meeting to Order

2. Public Comments

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

PAGE NO.

3. FY 2023-24 Workshop Total Budget and Response to Questions and Comments from February 21, 2023..... 1

a. Staff Presentation of PowerPoint

- Draft FY 2023-24 Comparative Total Budget by Member Agency; (SOCWA Total Cost Base/ All Costs)
- SOCWA Budget Year-Over-Year (YOY) Change, FY 2022-23 to FY 2023-24
- Cost Drivers Prioritized by Major Expenditures, Includes UAL and OPEB
- 5-Year Budget (Top Level) Projections and Chart
- Administration (Admin) Comparative FY 2023-24 Budget
- General Fund (GF) Comparative FY 2023-24 Budget
- General Fund Shares - No Change

b. General Fund Distribution by Member Agency Scenarios

- Current Method and 10 Member Agencies
- Irvine Ranch Water District (IRWD) and Trabuco Canyon Water District (TCWD) are not included in GF distribution by Member Agency.

c. Administration Distribution by Member Agencies Scenarios

- Current Method: distribution by Project Committee and Member Agency based on O&M Total Costs (Cost Accounting Std.)
- Admin Overhead Rate (including GF costs) applied to Total O&M Costs
- Admin Overhead Rate (not including GF costs)

d. Capital Spending Plan, FY 2023-24 and one-year forecast.

**Recommended Action:** Committee discussion, comments, and direction.

4. Trabuco County Water District Termination Agreement Update .....

- Materials Under Separate Cover

**Recommended Action:** Committee discussion, comments, and direction.

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Finance Committee at least 24 hours prior to the scheduled time of the Special Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 24 hours prior to the time of the above-referenced Finance Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 15th day of March 2023.



---

Danita Hirsh, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

WORKSHOP MEETING OF THE  
BOARD OF DIRECTORS WITH MET DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
March 1, 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

---

### 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. 2135**

### PRESENTATION/DISCUSSION ITEMS

#### 1. PRESENTATION AND RECAP (BY MWDOC STAFF) REGARDING THE MET BOARD RETREAT

*Recommendation: Review and discuss the information presented.*

**2. LEGISLATIVE ACTIVITIES**

- a. Federal Legislative Report (NRR)
- b. State Legislative Report (BBK)
- c. Legal and Regulatory Report (Ackerman)
- d. MWDOC 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. SB 23 (CABALLERO) - WATER SUPPLY AND FLOOD RISK REDUCTION PROJECTS: EXPEDITED PERMITTING**

*Recommendation: Vote to adopt a support position on SB 23 (Caballero) and join ACWA's coalition letter and outreach efforts*

**INFORMATION ITEMS**

**5. 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 February MET Board Meetings
- b. MET 4-Month Outlook on Upcoming Issues
- 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.

SPECIAL MEETING OF THE  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Board Room, Fountain Valley, California  
March 3, 2023, 10:00 a.m.

---

**AGENDA**

**PLEDGE OF ALLEGIANCE**

**ROLL CALL**

**PUBLIC COMMENTS/PARTICIPATION**

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

The Board requests that all members of the public who want to address the Board complete a "Request to be Heard" form available from the Board Secretary prior to the meeting.

**1. STRATEGIC PLANNING DISCUSSIONS ON MWDOC'S KEY ISSUES, DIRECTION, AND MISSION (FIRST SESSION OF MULTI-PART SERIES)**

*Recommendation: Receive information and discuss the various issues outlined.*

**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.

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PLANNING & OPERATIONS COMMITTEE**  
March 6, 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#

**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  
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>.

**PRESENTATION ITEM**

1. PRESENTATION BY CAROLYN EMERY REGARDING LAFCO MUNICIPAL SERVICES REVIEW PROCESS

**ACTION ITEMS**

2. CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2024-2026 BOARD OF DIRECTORS CALL FOR NOMINATIONS – SOUTHERN NETWORK REGION, SEAT C
3. WEROC EOC 100% DESIGN UPDATE AND NEXT STEPS
4. APPROVAL OF RESOLUTION DESIGNATING AUTHORIZED AGENTS FOR FY21 GRANT TRANSFER AGREEMENTS FOR HOMELAND SECURITY GRANTS AND EXECUTION OF TRANSFER AGREEMENT (\$20,000 AWARD FOR 800MHZ HANDHELD RADIOS)

**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. WATER SUPPLY ALLOCATION PLANNING UPDATE (ORAL REPORT)
6. SOLE SOURCE CONTRACT WITH PAUL BROWN
7. 2023 WATER POLICY FORUM & DINNER SCHEDULE
8. STATUS 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.

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**ADMINISTRATION & FINANCE COMMITTEE**  
March 8, 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#

**A&F Committee:**  
Director Dick, Chair  
Director Thomas  
Director Crane

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

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 ITEM**

1. GRANTS TRACKING AND ACQUISITION PROGRAM UPDATE BY SOTO RESOURCES

**PROPOSED BOARD CONSENT CALENDAR ITEMS**

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

**ACTION ITEM**

- 4. APPROVE REVISIONS TO MWDOC’S RESERVE FUND POLICY
- 5. APPROVE CHANGES TO MWDOC’S RECORDS RETENTION POLICY
- 6. APPROVE DISTRICT PAY STRUCTURE, EFFECTIVE JANUARY 1, 2023

**DISCUSSION ITEMS**

- 7. MWDOC’s SECOND DRAFT BUDGET FOR FISCAL YEAR 2023-24

**INFORMATION ITEMS – (THE FOLLOWING ITEMS ARE FOR INFORMATIONAL PURPOSES ONLY – BACKGROUND INFORMATION IS INCLUDED IN THE PACKET. DISCUSSION IS NOT NECESSARY UNLESS REQUESTED BY A DIRECTOR.)**

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

**OTHER ITEMS**

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

**ADJOURNMENT**

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

consequently is advised.

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

REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Fountain Valley, California  
March 15, 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. 2135**

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

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

**1. MINUTES**

- a. February 1, 2023 Workshop Board Meeting
- b. February 15, 2023 Board Meeting

*Recommendation: Approve as presented.*

**2. COMMITTEE MEETING REPORTS**

- a. Planning & Operations Committee Meeting: February 6, 2023
- b. Administration & Finance Committee Meeting: February 8, 2023
- c. Executive Committee Meeting: February 16, 2023

*Recommendation: Receive and file as presented.*

**3. TREASURER'S REPORTS**

- a. MWDOC Revenue/Cash Receipt Register as of February 28, 2023
- b. Disbursement Registers (February/March)

*Recommendation: Ratify and approve as presented.*

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

*Recommendation: Receive and file as presented.*

**5. APPROVE DISTRICT PAY STRUCTURE, EFFECTIVE JANUARY 1, 2023**

*Recommendation: Approve the revised MWDOC Pay Structure adding Range 23 and the General Manager Classification, effective January 1, 2023.*

**6. WEROC EOC 100% DESIGN UPDATE AND NEXT STEPS**

*Recommendation: Direct MWDOC staff to: (1) thank El Toro Water District for their support and patience, but inform them that MWDOC is no longer moving forward with construction of the WEROC EOC at their site; (2) proceed with the evaluation of a mobile EOC/Command vehicle, but return to the Board with an accurate cost estimate; and (3) continue to evaluate alternatives for a permanent EOC location.*

**7. APPROVE REVISIONS TO MWDOC’S RESERVE FUND POLICY**

*Recommendation:* (1) Adopt revisions to MWDOC’s Administrative Code Section 2009 - Reserve Policy (A full detail description is shown in Attachment A to the write up). Key revisions include: Classify WEROC Reserves as a Restricted Reserve; Combine certain Designated Reserves into one “Operating Reserve” to cover emergencies, unexpected or unbudgeted expenses, and building expenses; Set this new “Operating Reserve” target equal to 120 days cash on hand; Classify OPEB Reserves as an Unrestricted Designated Reserve; Remove the Tier 2 Contingency Fund; and Rename several District’s Reserves for clarification and better understanding; and (2) Authorize staff to place all available funds, in excess of the newly established reserve fund targets, into the following categories and amounts: Reduce MWDOC’s unfunded CalPERS liability by approximately \$1 million; Provide a credit of \$500,000 to the member agencies in FY 2023-24; Place the remaining funds (approximately \$1 million) into an undesignated fund for project/program that can be utilized in the near future for local cost share for WEROC Emergency Operations Center, and/or MWDOC Project/Programs such as a groundwater storage or banking program, as directed by the Board.

**8. APPROVE CHANGES TO MWDOC’S RECORDS RETENTION POLICY**

*Recommendation:* Approve change to the Records Retention Schedule and authorize staff to incorporate this change into the Administrative Code.

**End Consent Calendar**

**ACTION CALENDAR**

**9-1 CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) 2024-2026 BOARD OF DIRECTORS CALL FOR NOMINATIONS – SOUTHERN NETWORK REGION, SEAT C RES. NO. \_\_\_\_\_**

*Recommendation:* Adopt a Resolution nominating Director Al Nederhood to the CSDA Board of Directors, Southern Network, Seat C.

**9-2 APPROVAL OF RESOLUTION DESIGNATING AUTHORIZED AGENTS FOR FY21 GRANT TRANSFER AGREEMENTS FOR HOMELAND SECURITY GRANTS AND EXECUTION OF TRANSFER AGREEMENT (\$20,000 AWARD FOR 800MHZ HANDHELD RADIOS)**

**RES. NO. \_\_\_\_\_**

*Recommendation: (1) Approve the execution of the 2021 Grant Transfer Agreement with the County of Orange, cities of Anaheim and Santa Ana as the Local Urban Area Security Initiative (UASI) Administrator; and (2)r adopt Resolution giving approval to the WEROC Director of Emergency Management and the General Manager as designated Authorized Agents for FY 2021 Homeland Security Grant and authority to execute any subsequent agreements related to the FY2021 Homeland Security Grants.*

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

**10. GENERAL MANAGER'S REPORT, MARCH 2023 (ORAL AND WRITTEN)**

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

**11. MWDOC GENERAL INFORMATION ITEMS**

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

*Recommendation: Receive and file as presented.*

**CLOSED SESSION ITEMS**

**12. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water of Southern California on April 8, 2014, et al., former Los Angeles Superior Court Case No. BC547139, transferred on December 2, 2014, to San Francisco Superior Court, now Case No. CPF-14-514004.

**13. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water District of Southern California on April 12, 2016, effective January 1, 2017 and January 1, 2018, et al., former Los Angeles Superior Court Case No. BS161729, transferred to San Francisco Superior Court, now Case CPF-16-515282.

**14. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION**

Pursuant to Paragraph (1) of subdivision (d) of Government Code Section 54956.9. One Case: San Diego County Water Authority v. Metropolitan Water District of Southern California; all persons interested in the validity of the rates adopted by the Metropolitan Water District of Southern California on April 10, 2018 to be effective January 1, 2019, and Jan. 1, 2020, et al., Los Angeles Superior Court Case No. BS 173868, Transferred to San Francisco Superior Court, now Case CPF-18-516389.

**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**

**March 2023**

## **MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AGENCIES MANAGERS MEETING**

MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on Thursday, February 16, 2023.

**In attendance were:** Rudy Correa, Brea, Mike McGee, Buena Park, Dennis Cafferty, El Toro Water District, Mark Sprague, Fountain Valley, Hye Jin Lee, Fountain Valley, Cel Pasillas, Garden Grove, Ken Vecchiarelli, Golden State Water, Chris Davis, Huntington Beach, Paul Weghorst, IRWD Keith Van Der Maaten, Laguna Beach County Water, Tracy Manning, Mesa Water, Johnathan Cruz, Moulton Niguel Matt Collings, Moulton Niguel, Steffen Catron, Newport Beach, Mark Vukojevic, Newport Beach, John Kennedy, OCWD, Mike Markus, OCWD, David Rebensdorf, San Clemente, Daniel Ferons, Santa Margarita, Jim Leach, Santa Margarita, Jerry Vilander, Serrano, Pamela Arends-King, South Coast, Michael Perea, Trabuco Canyon, Fernando Paludi, Trabuco Canyon, Michael Grisso, Tustin, Mark Toy, YLWD, Doug Davert, YLWD

**Staff in attendance were:** Alex Heide, Vicki Osborn, Heather Baez, Charles Busslinger, Harvey De La Torre, Joe Berg, Kevin Hostert, Melissa Baum-Haley, and David Anderson

### **General Meeting Information/Discussion Items:**

- WEROC Update
- Draft Board Agendas
- MWDOC Draft Budget & Reserves Update
- MET Updates
  - Water Supply Allocation Planning Update
  - Board Retreat Update
- Engineering Update

### **Announcements:**

- MWDOC hosted Dinner at ACWA DC
- 

The next meeting is tentatively scheduled for March 16, 2023

## ENGINEERING & PLANNING

### RELIABILITY STUDY UPDATE

Staff has been working with consultant CDM Smith and Metropolitan Water District (MET) staff on an update to the 2018 OC Water Reliability Study (2022 OC Study). This update was launched because of significant conditions changes since the 2018 OC Study publication. Updating the planning assumptions and understanding the implications will be useful to our staff, Directors, MET Directors, and member agencies for future water reliability decision considerations.

The final OC Study presentation, which incorporated comments from the MWDOC Agency Managers meeting, was presented to the A&F Committee at the February 8, 2023 meeting.

The draft report will be distributed to the Agency Managers this month for final comments. Agency managers have asked for additional time to review the completed draft report.

### DOHENY OCEAN DESALINATION PROJECT

South Coast Water District (SCWD) continues to develop the Doheny Ocean Desalination Project. SCWD estimates an online date of 2026 if approved by the SCWD Board.

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

On December 9, 2022, the California State Lands Commission (CSLC) approved an Addendum to the Doheny Ocean Desalination Project Final Environmental Impact Report (EIR) and the certified Final EIR. The EIR Addendum addresses a proposed CSLC lease for slant wells at Doheny State Beach (DSB). The new lease allows for the construction and long-term operation of up to five slant wells at DSB.

SCWD is currently working with State Parks on a lease agreement, a study with Regional Water Quality Control Board staff as a condition of the National Pollution Discharge Elimination System (NPDES) permit, and Design Build, Operate, Maintain (DBOM) Contract Development.

## **SHUTDOWNS**

### **Orange County Feeder**

The purpose of the shutdown is to remove and dispose of the existing lining, reline the pipeline with cement mortar, weld straps, replace valves and install manholes on this 85+-year-old pipeline from the Willits Street Pressure Control Structure (north of South Coast Plaza) to the Irvine Cross Feeder (south of UC Irvine).

The Orange County Feeder shutdown began on September 18, 2022, and will continue through July 15, 2023. The shutdown schedule was revised to accommodate a requested schedule change for the recently completed Orange County Feeder Extension shutdown between Irvine Cross Feeder and Pacific Coast Hwy).

### **R6 Reservoir Rehabilitation**

El Toro WD is shutting down the 275 Million Gallon R6 Reservoir to replace the aging reservoir liner and cover. The reservoir will be offline from November 2022 through July 2023.

### **Lake Mathews Facility Shutdown**

A shutdown of the Lake Mathews Facility has been scheduled for March 13-24, 2023, to replace a previously damaged slide gate on the outlet tower. During this time, the Lower Feeder (Untreated), Santiago Lateral, Santiago Lateral Spillway, and East Orange County Feeder No. 1 will also be out of service. During this shutdown, MET will also replace 11 aging valves on the Santiago Lateral.

During the shutdown, the following OC agencies will be affected: Anaheim, OCWD, YLWD, Serrano WD, IRWD, TCWD, ETWD, SMWD, MNWD, and the City of San Clemente.

### **Orange County Reservoir**

The decommissioning of the Orange County Reservoir has been rescheduled to March 20, 2023, through March 25, 2023. This work will affect the cities of Brea and La Habra.

### **Diemer Water Treatment Plant**

MET has rescheduled a 7-day shutdown of the Diemer WTP to repair a broken chlorine solution line to January 8-14, 2024. Finding a suitable window for this shutdown presented challenges due to numerous maintenance shutdowns by MET and retail agencies and fire danger concerns.

Coinciding with the 7-day Diemer shutdown, the following pipelines will also be down for repairs:

- Allen-McColloch Pipeline
- East Orange County Feeder No.1
- East Orange County Feeder No.2

- Lower Feeder (Treated)
- Lower Feeder (Untreated)
- Second Lower Feeder (portions)

## MEETINGS

- Charles Busslinger attended the Colorado River Basin Salinity Control Work Group on February 7-9, 2023.
- Charles Busslinger attended the February 9, 2023, CDR Management Oversight Committee meeting.
- Charles Busslinger and Cathy Harris hosted a kickoff meeting with GTS Architecture and OCWD staff for the Breakroom/Atrium remodel design on February 14, 2023.
- Charles Busslinger attended in Multi-State Salinity Coalition Summit on February 22 & 23, 2023.
- Charles Busslinger attended February 27, 2023, MET shutdown coordination meeting for the upcoming March 13-24, 2023, Lake Mathews shutdown.
- Charles Busslinger, Cathy Harris, and OCWD staff attended a design review meeting with GTS Architecture on February 28, 2023, regarding design details for the breakroom and atrium.
- Charles Busslinger participated in a meeting on March 1, 2023, with Olea Edge Analytics regarding their AI-based technology - Meter Health Analytics (MHA).

# EMERGENCY PREPAREDNESS

## COVID-19 (CORONA VIRUS)

### COVID-19 Community Level

● Low

#### Recommended actions based on current level

[Stay up to date](#) with COVID-19 vaccines, including recommended booster doses. Maintain [ventilation improvements](#). Avoid contact with people who have suspected or confirmed COVID-19. Follow recommendations for [isolation](#) if you have suspected or confirmed COVID-19. Follow the recommendations for [what to do if you are exposed](#) to someone with COVID-19. If you are at [high risk of getting very sick](#), talk with a healthcare provider about additional prevention actions.

#### Weekly Metrics Used to Determine the COVID-19 Community Level

Case Rate per 100,000 population	60.81
New COVID-19 admissions per 100,000 population	4.4
% Staffed inpatient beds in use by patients with confirmed COVID-19	3.4%



## FEDERAL PUBLIC HEALTH EMERGENCY

On Jan. 30, 2023, the Biden Administration announced it would end the public health emergency (and national emergency) declarations on May 11, 2023

## CALIFORNIA STATE OF EMERGENCY UPDATE

COVID-19 State of Emergency ended February 28, 2023

## COUNTY OF ORANGE HEALTH OFFICER ORDER

As of this report on 3/1, the County Health Officer Order remains in effect, dated 9/23/22.

## NON-EMERGENCY CALOSHA COVID STANDARDS

The COVID-19 Prevention non-emergency regulations (California Code of Regulations Title 8 sections 3205 through 3205.3) are in effect until February 3, 2025.

## FEBRUARY INCIDENTS/EVENTS

- February Rain Events
- Suspicious Activity

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

- On 2/2, Dave and Janine attended the monthly Orange County Emergency Management Organization (OCEMO) Meeting. The standing subcommittees provided their reports, and the presentation was about the WebEOC program and the future of the product supplied by Juvare.
- On 2/2, Dave attended the OCEMO Exercise Design subcommittee planning the Countywide May Functional Exercise.
- On 2/7, WEROC hosted its quarterly in-person planning meeting.
- On 2/7, Dave conducted a planning meeting with the member agencies for the next wave project.
- On 2/7, Vicki attended the Orange County Coordination call with SMWD and SOCWA about the winter storms. This was a scoping meeting to ascertain if an IDE visit would be conducted.
- On 2/8, Dave attended the Urban Area Working Group (UWAG) Meeting.
- On 2/8, Vicki attended the quarterly Operational Area Executive Board meeting as the Water/Wastewater Mutual Aid Coordinator. Operational Area plans approved at this meeting included the Bind Fire Debris Flow Plan, Flood, Dam and Reservoir Failure Annex, Disease Outbreak Annex, and the Emergency Public Information Plan. Vicki will make the agenda packet available to anyone interested in the meeting proceedings.
- On 2/13, Vicki attended the NWS webinar on upcoming forecasts.
- On 2/16, Vicki attended the OCEMO Leadership Monthly Meeting.
- On 2/17, Vicki attended the CESA awards selection committee meeting.
- On 2/17, Vicki attended the CESA legislative call.
- On 2/21, Vicki attended the monthly CalWARN Leadership Meeting
- On 2/22, Dave attended the OCEMO Technology subcommittee meeting.
- On 2/24, Vicki attended the CESA State Board Meeting..

## **PLANNING AND PROGRAM EFFORTS**

### **Contact Lists**

Janine has completed the annual verification of all contact lists maintained in the various programs and documents. All changes were updated in the safety center.

### **Cyber Security**

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

## **EOC Readiness**

Dave continues to work on the EOC Position Guide Revision Project to make responses for people assigned to positions in the EOC easier.

## **OCIAC Coordination**

WEROC maintains a close and positive working relationship with the Orange County Intelligence Assessment Center. WEROC contacted the OCIAC for a suspicious event that occurred in February.

## **Resource Requests and Member Agency Inventory Lists**

Janine continues to obtain information from the WEROC member agency to update the inventory lists.

## **Training and Exercises**

- Vicki provides 2 ICS courses this month. On 2/23, ICS 200 and 2/22-24, ICS 300. (63 people attended these two sessions)
- Vicki conducted an 800MHz radio training for member agencies.
- Dave is coordinating with the agencies for participation in the May 2023 Operational Area Exercise. Dave conducted a planning meeting on February 7th to determine agency objectives and exercise intent.
- On 2/7, WEROC held internal training with the MWDOC staff identified to fill the roles for the May Exercise. The WEROC EOC will be activated in Room 101 on May 17th.
- Dave attended a G626 planning class conducted on 2/15 at the OA EOC.
- The state approved all the 2023 first-quarter trainings. The courses include SEM/NIMS 100700 combined G611 EOC Section Series (Management, Operations, Planning, Logistics, and Finance), Recovery Part 2, and 800Mhz training. All these trainings are being conducted in house.

## **WEROC Quarterly Meeting**

WEROC held its quarterly meeting on 2/7. Agenda included a presentation from the Director of the OCIAC which included an Infrastructure Briefing and an overview of the new Security Guidance for Tour/Meeting Requests created jointly between the OCIAC and WEROC. Additional items on the agenda included: WEROC Budget & 2022 Accomplishments; Goals & Objectives (FY2023); Planning & Program Initiatives and Training and Exercises.

## **County Plans Reviewed:**

- County of Orange Recovery Plan – Chapter 4

## MET ITEMS CRITICAL TO ORANGE COUNTY

### MET FINANCE AND RATE ISSUES

Water Transactions in December 2022 (for water delivered in October 2022) totaled 156.2 thousand acre-feet (TAF), which was 11.6 TAF lower than the budget of 167.8 TAF and translated to \$142.4 million in receipts for December 2022, which were \$11.2 million lower than the budget of \$153.6 million.

Year-to-date water transactions through December 2022 (for water delivered in May 2022 through October 2022) were 892.8 TAF, which was 6.7 TAF higher than the budget of 886.1 TAF. Year-to-date water receipts through December 2022 were \$830.7 million, \$20.1 million lower than the budget of \$850.8 million.

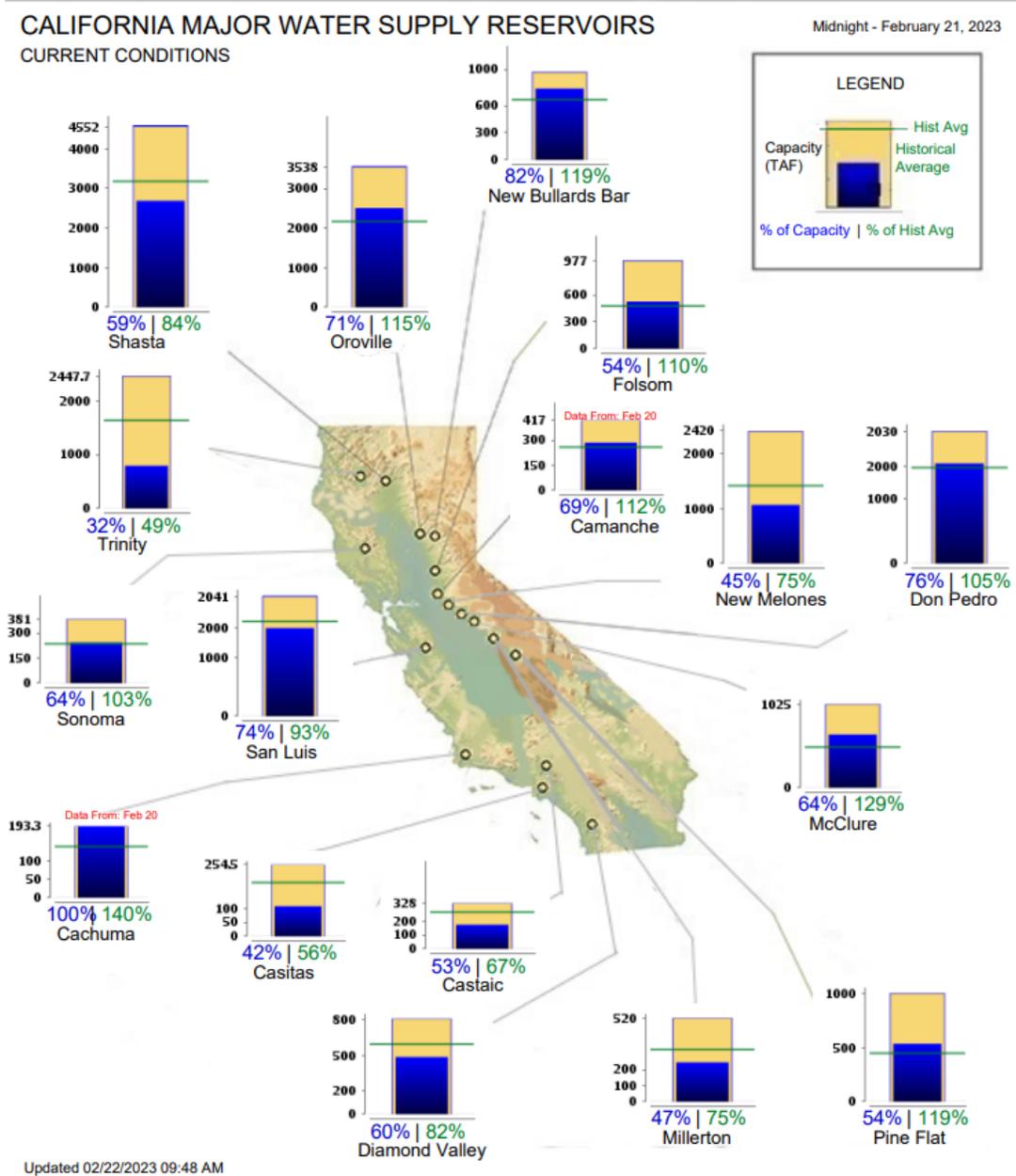
In line with the priority to prudently manage the investment of Metropolitan's funds in accordance with policy guidelines and liquidity considerations, as of December 31, 2022, Metropolitan's investment portfolio balance was \$1.4 billion.

### 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 **39.2 inches or 117% of normal** as of February 22nd. The Northern Sierra Snow Water Equivalent was at **32.9 inches on February 22nd, 135% of normal** for that day. Due to the barrage of atmospheric rivers in January, the Department of Water Resources (DWR) has increased the State Water Project (SWP) **"Table A" allocation to 35%**. This allocation provides Metropolitan with approximately **669,025 AF in SWP deliveries this water year**. In addition, Metropolitan received 134,000 AF for Human Health and Safety Supply in CY 2022. With the current precipitation increases through WY 2023, the Table A allocation is anticipated to increase. DWR's SWP Allocation considers several factors, including existing storage in SWP, conservation reservoirs, SWP operational, regulatory constraints, and the 2023 contractor demands.

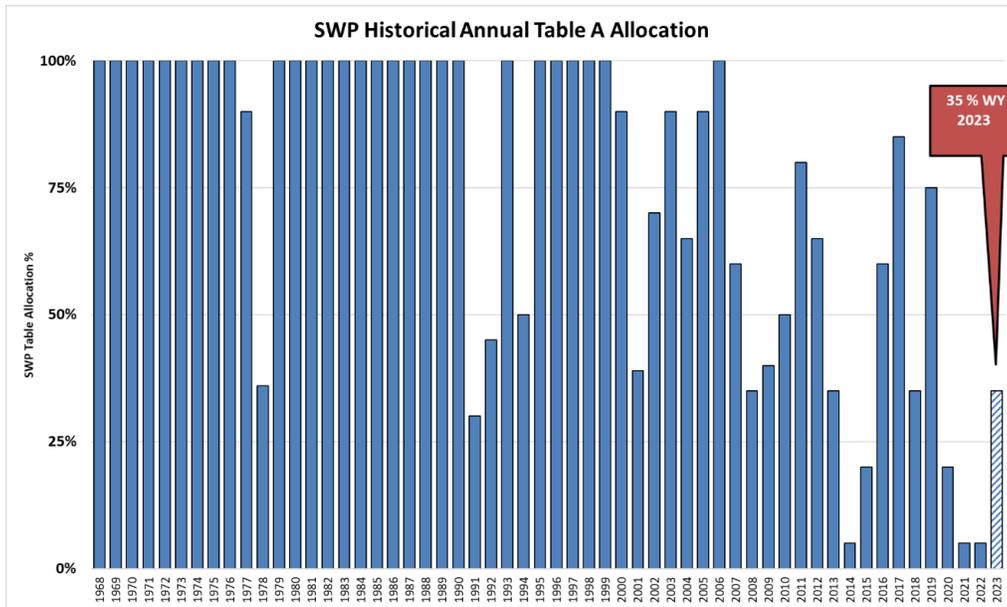
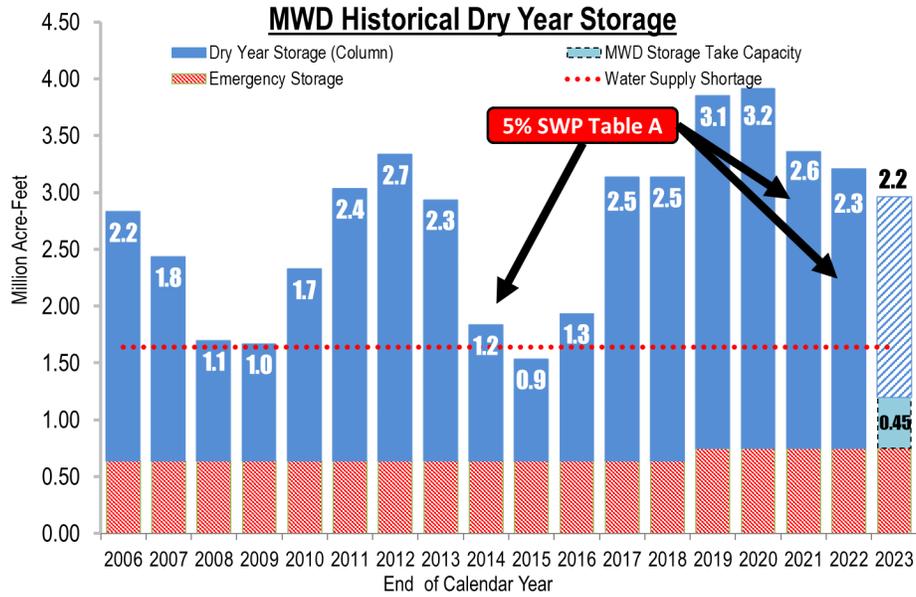
The Upper Colorado River Basin accumulated precipitation is **15.3 inches or 116% of normal as of February 21st**. On the Colorado River system, the snowpack is measured across four states in the Upper Colorado River Basin. The Upper Colorado River Basin Snow Water Equivalent was reporting **17.0 inches as of February 22nd**, which is **119% 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 1<sup>st</sup>, 2022. There is a 93% chance of shortage continuing in CY 2024 and a 60% chance that Metropolitan will see a 250,000 AF reduction in Colorado River water supplies in CY 2024.**

As of February 21st, Lake Oroville storage is **71% of total capacity and 115% of normal**. As of February 21st, San Luis Reservoir has a current volume of **74% of the reservoir's total capacity and is 93% of normal**.



With CY 2023 estimated total demands and losses of 1.664 million acre-feet (MAF) and a 35% SWP Table A Allocation, Metropolitan is projecting that demands will exceed supply levels in the Calendar Year (CY) 2023. Based on this, Metropolitan's estimated dry-year storage at the end of **CY 2023 will go down to approximately 2.21 MAF**.

A projected dry-year storage supply of **2.21 MAF** would still be about **1.21 MAF above, where MWD has historically declared a water supply allocation**. A large factor in maintaining a high water storage level is lower than expected water demands. We are seeing regional water demands reaching a 38-year low. **As water conditions continue to improve in California for 2023, MWD will unlikely trigger a Water Supply Allocation in CY 2023. However, with a majority of MWD's water supplies stored in Lake Mead and the uncertainty of a dry water year in 2024 in California, there is potential for Water Supply Allocation in CY 2024.**



## 2023 WSDM Storage Detail

	1/1/2023 Estimated Storage Levels <sup>1</sup>	CY 2023 Take Capacity <sup>2</sup>	2023 Total Storage Capacity
<b>WSDM Storage</b>			
<b>Colorado River Aqueduct Delivery System</b>	<b>1,139,000</b>	<b>TBD</b>	<b>1,657,000</b>
Lake Mead ICS	1,139,000 <sup>3</sup>	TBD <sup>4</sup>	1,657,000
<b>State Water Project System</b>	<b>492,000</b>	<b>102,000</b>	<b>1,879,000</b>
MWD SWP Carryover <sup>5</sup>	28,000	28,000	350,000
DWCV SWP Carryover <sup>5</sup>			
MWD Articles 14(b) and 12(e)	0	0	N/A
Castaic and Perris DWR Flex Storage	3,000	3,000	219,000
Arvin Edison Storage Program	120,000	0	350,000
Semitropic Storage Program	158,000	45,000	350,000
Kern Delta Storage Program	137,000	26,000	250,000
Mojave Storage Program	19,000	0	330,000
AVEK Storage Program	27,000	0	30,000
<b>In-Region Supplies and WSDM Actions</b>	<b>698,000</b>	<b>329,000</b>	<b>1,246,000</b>
Diamond Valley Lake	494,000	237,000	810,000
Lake Mathews and Lake Skinner	194,000	82,000	226,000
Conjunctive Use Programs (CUP) <sup>6</sup>	10,000	10,000	210,000
<b>Other Programs</b>	<b>662,000</b>	<b>25,000</b>	<b>1,181,000</b>
Other Emergency Storage	381,000	0	381,000
DWCV Advanced Delivery Account	281,000	25,000	800,000
<b>Total</b>	<b>2,991,000</b>	<b>456,000</b>	<b>5,963,000</b>
Emergency	750,000	0	750,000
<b>Total WSDM Storage (AF) <sup>7</sup></b>	<b>2,241,000</b>	<b>456,000</b>	<b>5,213,000</b>

<sup>1</sup> Preliminary start of year balances, subject to DWR adjustments and USBR final accounting in May 2023.

<sup>2</sup> Take capacity assumed under a five percent SWP Table A Allocation. Storage program losses included where applicable.

<sup>3</sup> This amount is net of the water Metropolitan stored for IID in Lake Mead in an ICS sub-account.

<sup>4</sup> Take capacity will be based on planned maintenance activities, current CRA supply estimate, and operational decisions to protect Metropolitan's future CRA diversions. Although capacity is currently available, Metropolitan is planning to limit its take of ICS in 2023.

<sup>5</sup> Total storage capacity varies year to year based on prior year remaining balance added to current year contractual limits.

<sup>6</sup> Total of all CUP programs including IEUA/TVMWD (Chino Basin); Long Beach (Central Basin); Long Beach (Lakewood); Foothill (Raymond and Monk Hill); MWDOC (Orange County Basin); Three Valleys (Live Oak); Three Valleys (Upper Claremont); and Western.

## MET'S WATER QUALITY UPDATE

### Water System Operations

Metropolitan member agency water deliveries were 63,200 acre-feet (AF) for January, with an average of 2,039 AF per day, which was 1,474 AF per day lower than in December. Treated water deliveries decreased by 14,500 AF from December, for a total of 34,300 AF, or 54 percent of total deliveries for the month. The Colorado River Aqueduct (CRA) transitioned from seven to five and then four-pump flow in January, with 65,000 AF pumped in January. This change in operations was due to several

storms in late December and January, which decreased demands throughout Metropolitan's service area and resulted in higher-than-anticipated storage in Lake Mathews. State Water Project (SWP) imports averaged 303 AF per day, totaling about 9,400 AF for the month, which accounted for approximately 15 percent of Metropolitan's deliveries. The Weymouth, Diemer, and Skinner plants' target SWP blend remained at zero percent.

### **Water Treatment and Distribution**

The State Water Project target blend entering the Weymouth and Diemer plants and Lake Skinner was zero percent in January 2023. The flow-weighted running annual averages for total dissolved solids from December 2021 through November 2022 for Metropolitan's treatment plants capable of receiving a blend of supplies from the State Water Project and the Colorado River Aqueduct were 599, 603, and 601 mg/L for the Weymouth Diemer, and Skinner plants, respectively.

Storms in the Castaic Lake watershed led to elevated sediment and suspended solids throughout the lake. This resulted in the highest level of source water turbidity entering one of our plants in memory—levels one hundred times higher than normal. Metropolitan staff performed several operational actions to manage this turbidity event. The actions included system changes to reduce flows at the plant to near its minimum, turning Greg Avenue pumps on to reduce Jensen demands, bringing additional basins into service to increase plant detention time, increasing chemical dosages, and monitoring lake conditions through increased water quality analysis at the plant. The Jensen Incident Command Post was also activated to ensure effective communication. Thanks to the innovative solutions Metropolitan staff implemented, Jensen plant maintained operations that met all Metropolitan operational goals and objectives throughout this event.

Additionally, the backwash header piping and filter valves at the Diemer plant have been undergoing repairs after an equipment failure. Metropolitan staff disconnected power and control conduits for the filter valves before repair work. Metropolitan staff also installed additional lighting in the area to enhance visibility.

### **Future Legislation and Regulation**

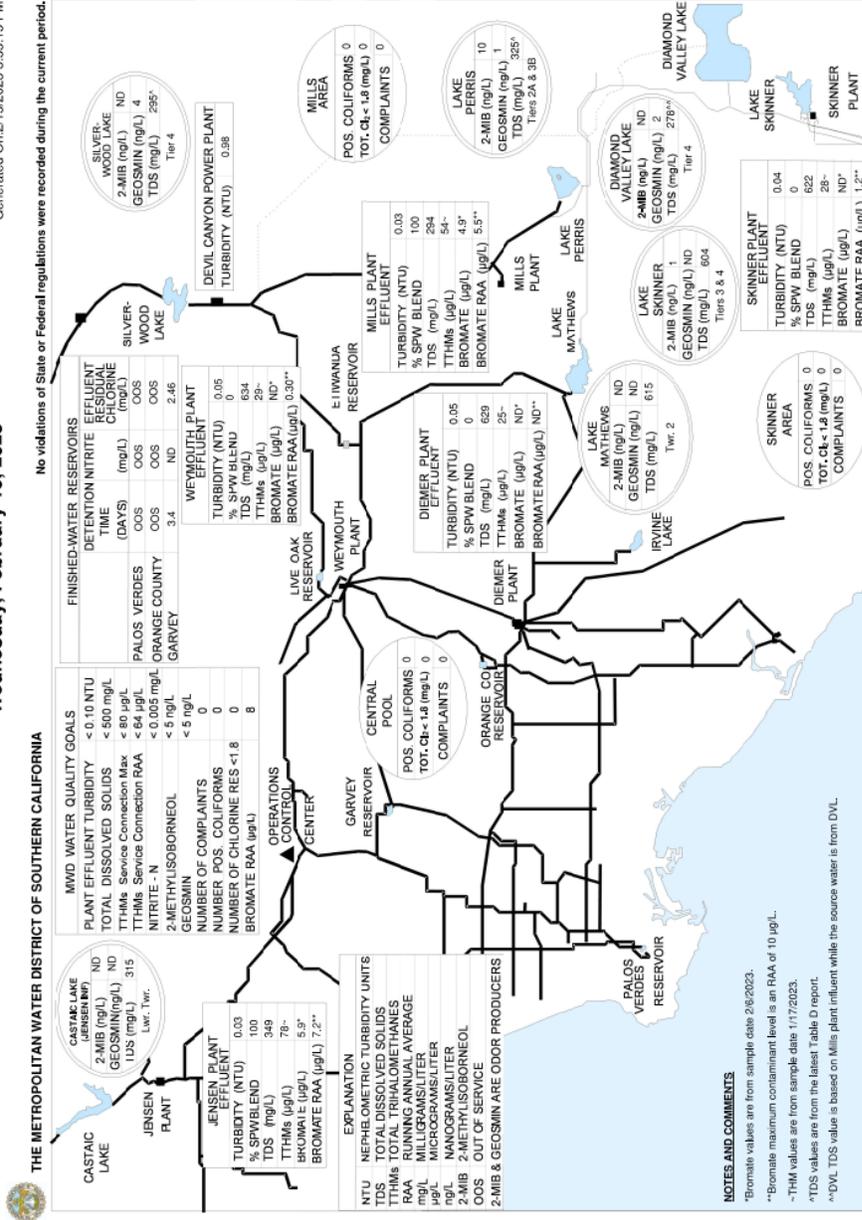
On December 15, the California Air Resources Board (CARB) adopted its Final 2022 Scoping Plan for Achieving Carbon Neutrality (Scoping Plan). The Scoping Plan lays out California's plan to reduce anthropogenic GHG emissions by 85 percent below 1990 levels and achieve carbon neutrality by 2045, along with meeting SB 1020's requirement that all state agencies procure 100 percent renewable energy zero carbon energy by 2035. Metropolitan staff will closely follow the rollout of the Scoping Plan's GHG reduction goals and clean energy procurement requirements.

On January 18, the Environmental Protection Agency (EPA) and the Army Corps of Engineers published the final rule revising the definition of "waters of the United States" (WOTUS). Metropolitan staff had previously commented in support of this rulemaking that puts back into place the pre-2015 definition of WOTUS and codifies recent Supreme Court decisions. EPA still plans to build upon this "foundational rule" with a second rule designed to restore longstanding protections under the Clean Water Act. Metropolitan staff will continue to monitor and engage on the issue.

# Weekly Water Quality System Status

Wednesday, February 15, 2023

Generated On: 2/15/2023 3:55:15 PM



## Water Quality Section Weekly TDS Report For the week of 2/12/2023

Percent SPW Needed to Achieve TDS Goal of 500 mg/L				Estimated TDS for Reservoirs		
Plant	CRW	SPW	Percent	Reservoir (Effluent)	Date	mg/L
Weymouth	615	278	34%	Lake Havasu (Table D)	11/2/22	614
Diemer	615	278	34%	Lake Mathews (DFPH-LWRFR)	2/13/23	615
Skinner-Silverwood	609	278	33%	Lake Skinner (Outlet Structure)	2/13/23	604
Skinner-Perris	609	325	38%	Castaic Lake (JFP)	2/12/23	315
CRW for Diemer and Weymouth is Lake Mathews and San Jacinto - West Portal for Skinner.				DVL (Mills Inf)	2/12/23	278
				Lake Perris (Table D)	11/7/22	325
				DVL Outlet (Table D)	11/14/22	281

### SUNDAY COMPOSITE ESTIMATED TDS FOR 10/09/22 - 02/12/23

TDS For Week of 2/12	
Plant Eff.	mg/L
Diemer	630
Weymouth	630
Skinner	616
Jensen	349
Mills	294



*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 10/09/22 - 02/12/23

TDS For 2/6 - 2/12	
Plant Eff.	mg/L
Diemer	628
Weymouth	624
Skinner	618



*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 December 2021 - November 2022

TDS For Nov 2022	
Plant Eff.	mg/L
Diemer	623
Weymouth	631
Skinner	627
Jensen	325
Mills	295



*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 December 2021 - November 2022

Flow-Weighted RAA TDS Dec 2021 - Nov 2022	
Plant	mg/L
Diemer	603
Weymouth	599
Skinner	601
Jensen	325
Mills	296



*Seasonal flow-weighted RAA TDS calculated from plant effluent monthly composite sample for total anions and cations. Results are based on average monthly flows.*

## COLORADO RIVER ISSUES

### **California Submits Modeling Alternative for Reclamation's Supplemental Environmental Impact Statement**

In late 2022, the Bureau of Reclamation (Reclamation) initiated the process of developing a Supplemental Environmental Impact Statement (SEIS) to the 2007 Colorado River Interim Guidelines. The purpose of the SEIS is to analyze and develop new operating guidelines for the Colorado River that protect critical infrastructure and Lake Mead and Lake Powell, including power generation facilities. Reclamation stated that it would model several alternatives in the SEIS, including a consensus-based alternative from the Colorado River Basin States (Basin States), provided such an alternative was submitted by the end of January. Starting in December 2022, the seven Basin States and key water agencies, including Metropolitan, attempted to reach a consensus alternative to be included in the SEIS. After many meetings in late January, it was apparent that such a consensus alternative could not be achieved. Six Basin States developed and submitted an alternative to Reclamation, and California submitted its alternative. Both alternatives include significant water delivery reductions and include provisions to protect Human Health and Safety supplies. The California alternative initially seeks voluntary and compensated water conservation actions and moves to mandatory cutbacks if insufficient. The six-state alternative imposes mandatory cutbacks immediately without any tools to help water agencies reduce their use.

Despite not achieving a consensus-based modeling approach, the seven Basin States have each expressed interest in working together to see if all states can develop and support a proposed preferred alternative to Reclamation for the Final SEIS. It is anticipated that Reclamation may include both alternatives in the SEIS for evaluation. A draft SEIS is scheduled for release in late April 2023. A Record of Decision is anticipated in July 2023, with any new delivery reductions and new operating rules applied to the Lower Basin from 2024 through 2026. Metropolitan staff will provide an overview of the two proposed modeling alternatives at the February 2023 Legal and Claims Committee.



## Talking Points: Colorado River



### Background

- Reducing the use of Colorado River water across the West requires a solution that works for all the 40 million people and nearly 6 million of acres of farmland that depend on the Colorado River Basin. Not just some of them.
- The six-state proposal would upend California water agencies' legal rights and take a disproportionate share of water from our state.
- Metropolitan cannot support the six-state proposal because it unfairly harms the 19 million people who live in our service area, and would adversely impact the businesses, farms, tribes and the environment in our state that rely on Colorado River water supplies.
- Metropolitan and its California partners are committed to conservation actions and sustainable solutions to protect lakes Mead and Powell, and we look forward to further discussions with the other states to achieve a true consensus proposal.

### California's proposal

- California's proposal offers a modeling framework that builds on funded water conservation and the Law of the River, which the states have operated under over the last century, offering additional cuts voluntarily that respect existing law.
- The proposal commits California agencies to a 17 percent cut, when combined with the state's Drought Contingency Plan contribution, and additional cuts if Lake Mead drops to critical levels.
- The proposal can be implemented immediately and avoids the delay and uncertainty of litigation, which would likely result if the plan from the other states was adopted.
- The voluntary component of the proposal preserves conservation agreements within California and across the Basin, including Metropolitan's tribal partnerships. It also maintains a cooperative environment for negotiating long-term solutions.
- Because most of the reductions are incentive-based, utilizing federal funding from the Inflation Reduction Act, it will result in greater support and participation.
- Above all else, the proposal protects communities across the West by prioritizing water for human health and safety. It also preserves Intentionally Created Surplus water in Lake Mead, including Metropolitan's ICS water.

### Six-state proposal

- California did not agree with a proposal from the six other states that would disadvantage our communities. The LA Times analyzes it "would require California to shoulder a substantial part of the burden, despite its relatively higher-priority water rights."

- The six-state proposal imposes mandatory reductions without providing tools to help reduce water use.
- The proposal does not consider the interstate water rights that were authorized by Congress in the 1960s, including Arizona's agreement that it would have lower priority to Colorado River water than California during a time of shortage.
- 50 percent of cuts fall on California, which is in addition to the 800,000 acre-feet of reductions California made in 2003 and additional cuts made under the DCP.
- This level of mandated cuts could result in devastating effects on Southern California's people and \$1.6 trillion economy.
- It would also strain hard-fought partnerships developed over the last 20 years within California and outside California, undermining negotiations toward long-term solutions.
- The proposal could harm the numerous water management programs that Metropolitan has developed with our agricultural and tribal partners over the last 20 years.
- In addition, it disincentivizes Metropolitan adding more water to Lake Mead as ICS. In recent years, Metropolitan stored a record amount of water in Lake Mead.

#### More opportunities for consensus

- Proposing alternatives is just a first step in the process, allowing the Bureau of Reclamation to model the impact of reductions on the environment and operations.
- There will be many more opportunities to reach consensus throughout this SEIS process, and we will continue working together with our Basin-state partners to develop a consensus-based approach, supported by all seven states, to managing drought conditions on the Colorado River with sustainable solutions, not just cuts.

#### California has a history of finding solutions

- California knows how to permanently reduce use of the river – we have done it over the past 20 years, through billions of dollars in investments and hard-earned partnerships.
- Our path to sustainability was first laid in 2003, when California permanently lost access to 800,000 acre-feet of Colorado River water – amounting to a 15 percent cut. Through agricultural, tribal, and urban partnerships that conserve and transfer supplies, California has stayed within its legal apportionment of 4.4 million acre-feet.
- Many of those cuts fell on Metropolitan. And since then, half of the water Metropolitan receives from the Colorado River water has come through purchases and agreements with agricultural users in the Imperial and Palo Verde valleys.
- Many water agencies in other states have not similarly increased their purchases and exchanges with agricultural users to provide water to urban communities in their states. Instead, they seek reductions from California's water supply.
- Californians' commitment to conservation has added more than 488 trillion gallons and 19 feet of elevation to the water level at Lake Mead since 2007.

#### Does California's proposal disproportionately hurt the Central Arizona Project and cities like Phoenix, Tucson, and Las Vegas?

- While any mandatory cutbacks would be imposed based on applicable laws, the proposal also protects Human Health and Safety deliveries to urban users, ensuring a minimum water supply for people, including the cities of Phoenix, Tucson, Las Vegas and tribal communities.

February 15, 2023

# The Colorado River... A Balanced Approach for Reducing Water Use

The proposal supported by Metropolitan Water District and its California agricultural partners provides practical and achievable reductions to stabilize reservoir levels.

## California's Proposal: The Best Path Forward

- Provides near-term water reductions
- Maximizes agricultural conservation partnerships
- Provides environmental and habitat benefits along the River
  - Incentivizes even more conservation
  - Advances new voluntary conservation commitments
  - Preserves clean energy for Western states
  - Helps to avoid litigation by working within existing laws and previous agreements
  - Respects the Republic of Mexico's 1944 Treaty and encourages working with Tribal Nations.

### Key Facts: How the Colorado River Benefits Southern California

Supplies water to more than 20 million people and supports a nearly \$2 trillion economy

Provides water and hydroelectric power for seven counties

Irrigates 600,000 acres of farmland, supporting a \$6.2 billion farm economy in Riverside and Imperial Counties

Supports the Lower Colorado multi-species conservation plan, the Salton Sea and other programs to restore critical habitat and protect species.

Prevents devastating water shortages in Southern CA when snowpack in Northern CA is sparse

California and its partners in the Colorado River Basin must continue to adapt so that the river can keep providing essential economic, social, and environmental benefits to the region.

### Beneficiaries of the Colorado River Water Supply



ENVIRONMENT



CITIES



AGRICULTURE



INDUSTRY



TRIBES

Colorado River Aqueduct

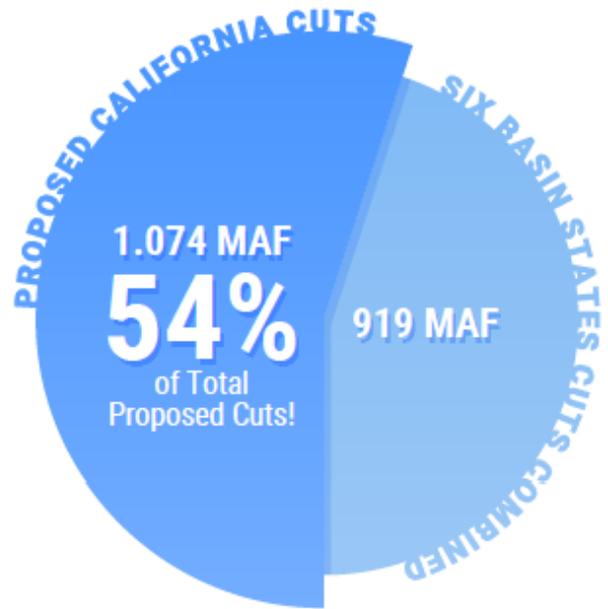
## The Six-State Agreement: A Flawed Proposal

Nearly half of the people who rely on Colorado River water live in Southern California. But rather than fairly sharing the necessary reductions, the six-state proposal would make the **biggest, and disproportionately large cuts to farms and California cities.**

Gutting these water supplies to California in this way would disincentivize additional conservation to benefit river users, create a new shortage plan, guarantee litigation by deviating from federal law and be **devastating to the state's economy, the natural environment and residents.** This harms disadvantaged communities both in the cities and rural communities that depend on the Colorado River.

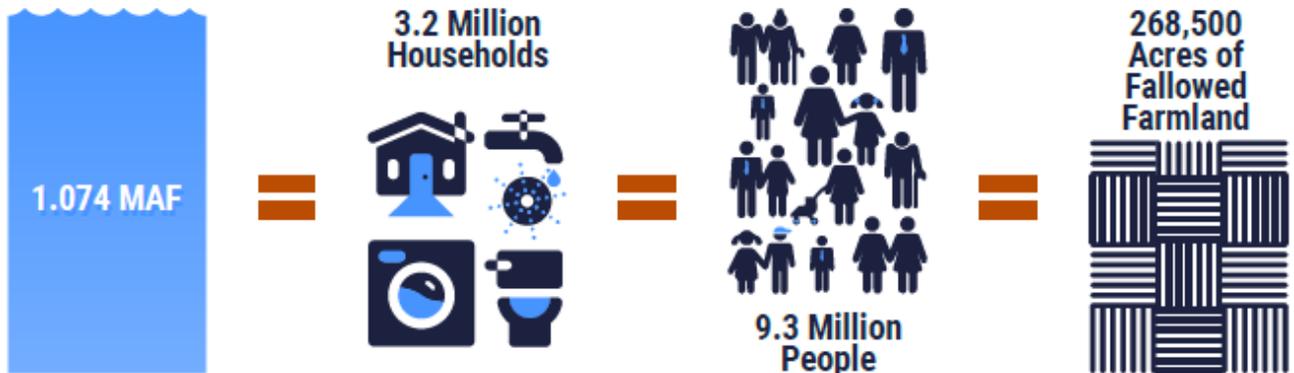
## Impacts to California from Proposed Cuts in Six-State Proposal

On top of existing shortages and Drought Contingency Plan cuts, the total amount proposed for new cuts is 1.993 million acre-feet, with **California absorbing 54%** with 1.074 MAF of cuts.



"Rather than simply agreeing to cuts, we want to develop sustainable solutions, like our Pure Water Southern California recycling program."

- Adel Hagekhalil, Metropolitan General Manager



## Conservation as a California Way of Life

California knows how to permanently reduce use of the River through billions of dollars in investments and hard-earned partnerships. This commitment to sustainability and conservation has added more than 488 trillion gallons and 19 feet of elevation to the water level at Lake Mead since 2007.

## **DELTA CONVEYANCE ACTIVITIES AND STATE WATER PROJECT ISSUES**

### **Delta Conveyance**

The public comment period for the Delta Conveyance Project (DCP) Draft Environmental Impact Report (EIR) closed on Friday, December 16, 2022. The Department of Water Resources (DWR) is in the process of reviewing and responding to comments received on the Draft EIR and plans to issue a Final EIR in late 2023.

On December 16, 2022, the U.S. Army Corps of Engineers (USACE) released the public Draft Environmental Impact Statement for the DCP. In January, the USACE held three virtual public meetings to receive comments from affected federal, state, regional, and local agencies, Native American tribes, other interested private organizations, and the public on the project and the draft document. The USACE extended the comment period by 30 days until March 16, 2023.

### **Joint Powers Authorities**

On January 13, the Delta Conveyance Design and Construction Authority Board of Directors held a special meeting and approved extending a resolution authorizing virtual board and committee meetings pursuant to AB 361.

During the January 19 meeting of the Delta Conveyance Finance Authority (DCFA), new board officers were elected, with the President as Paul Sethy (Alameda County Water District), Vice President as Russell Lefevre (Metropolitan), Secretary Robert Cheng (Coachella Valley Water District), and Treasurer as Katano Kasaine (Metropolitan).

### **Sites Reservoir**

In their January joint meetings, the Sites Project Authority Board (Authority Board) and the Sites Reservoir Committee (Reservoir Committee) authorized the Authority Board to enter into a Financial Assistance Agreement with the U.S. Bureau of Reclamation (Reclamation), securing the FY22 \$80 million Water Infrastructure Improvements for the Nation Act storage funds allocated to the Sites Reservoir Project. The Authority Board and Reservoir Committee also reviewed and confirmed key points of response to Reclamation's December 16, 2022, a letter indicating interest in participation in the Sites Reservoir Project at 16 percent and discussed steps of converting from supply-based participation to storage allocation-based participation in the project.

### **Science Activities**

Metropolitan staff worked with researchers from UC Davis to complete the first Delta Smelt Pilot Propagation Study. The study involved using impoundments on Bouldin Island for use in Delta smelt cage studies. The second deployment is scheduled for the beginning of February 2023. The study successfully demonstrated impoundments as a

viable tool for the aquaculture of Delta smelt on Metropolitan's Delta Islands properties in the effort to produce more Delta smelt for supplementation in the wild.

### **Regulatory Activities**

On January 5, the State Water Resources Control Board (SWRCB) released the Draft Scientific Basis Report Supplement in Support of Proposed Voluntary Agreements for the Sacramento River, Delta, and Tributaries Update to the San Francisco Bay/Sacramento-San Joaquin Delta Water Quality Control Plan (Draft Scientific Basis Report Supplement). The Draft Scientific Basis Report Supplement documents the science supporting the provisions included in the proposed Voluntary Agreements (VAs) and is the first step to considering the VAs as an alternative for the Sac/Delta Update and implementation of the Bay-Delta Water Quality Control Plan (Bay-Delta Plan). Metropolitan staff is reviewing the Draft Scientific Basis Report Supplement and coordinating with the State Water Contractors (SWC) to develop comments. The SWRCB held a Board Workshop on January 19, and public comments on the Draft Scientific Basis Report Supplement are due February 8, 2023.

The next steps in the Sac/Delta Update to the Bay-Delta Plan include:

- Spring 2023: Draft Scientific Basis Report Supplement revised to address public comments and submitted for independent peer review
- Spring 2023: SWRCB releases Draft Bay-Delta Plan Update Staff Report for public comment
- Spring/Summer 2023: Public workshop on Draft Staff Report
- Spring/Summer 2024: Release of final draft Staff Report, including responses to comments and proposed Sac/Delta changes to the Bay-Delta Plan
- Summer/Fall 2024: SWRCB consideration of adoption of the Sac/Delta Update to Bay-Delta Plan

Metropolitan staff coordinated with SWC to develop a near-term monitoring program to determine whether Delta smelt and longfin smelt are present in the South Delta turbidity field and to evaluate the effects of 2019/2020 Biological Opinion and Incidental Take Permit Early Winter Pulse Protection Action (EWPPA). The monitoring includes coordination with DWR and the California Department of Fish and Wildlife. It uses environmental DNA monitoring methods to determine whether smelt are present in the south Delta and to inform the efficacy of the EWPPA. On January 18, the SWC Board of Directors approved funding to implement the monitoring.

### **Delta Island Activities**

Metropolitan staff is developing several grant proposals for proposed projects on the Delta Islands, including wetland/habitat restoration projects on Bouldin Island and Webb

Tract, funding for a Phase I Delta Smelt study, funding for construction of Phase II of the Delta Smelt Project, and is pursuing a planning grant for a proposed integrated research, training, and education center on Bouldin Island.

## PUBLIC/GOVERNMENT AFFAIRS

### COMMUNITY AND MEMBER AGENCY RELATIONS

#### Public Affairs Staff:

- Speaker's Bureau: PA Staff and Inside the Outdoors presented to Orange County Girl Scouts for their Year of Service program
- Staffed a booth and made a Ricky Raindrop appearance at the Yo Amo Mesa Water event on 2/11/23
- Developed and ordered the spring bill insert for MWDOC member agencies
- Hosted the Consumer Confidence Report Kickoff meeting with MWDOC member agencies and Stetson Engineering
- Completed Memorandum Of Understanding outlining program responsibilities with Orange County Council, Boy Scouts of America, and Girl Scouts of Orange County for MWDOC Scouts Programs
- Prepared and distributed the February 2023 issue of eCurrents:  
<https://conta.cc/3Ytxf0O>
  - o Sent to 10,310 recipients
  - o Open rate: 55% (5,511 opens)
    - Industry average: 28%

#### Government Affairs Staff:

- Attended the OCBC Infrastructure Committee meeting
- Circulated an invitation to all member agencies inviting them to an MWDOC hosted dinner during the ACWA DC Conference
- Distributed the Grants Tracking and Acquisition Monthly Report to all participating member agencies

### EDUCATION

#### Public Affairs Staff

- Collaborating with PA staff, Water Energy Education Alliance (WEEA) released Water and Energy career brochures in 9 languages- English, Spanish, Russian, Chinese, Vietnamese, Farsi, Korean, Armenian, and Tagalog.
- Provided information regarding MWDOC Choice K-12 School Programs to the City of Anaheim, City of Brea, City of Buena Park, El Toro Water District, City of Garden Grove, Irvine Ranch Water District, City of La Habra, Laguna Beach County Water District, Moulton Niguel Water District, City of Santa Ana, Santa Margarita Water District, City of Seal Beach, Trabuco Canyon Water District, and Yorba Linda Water District.

- Sent out a request for commitments to all eligible member agencies and the Three Cities for participation in the FY 23-24 MWDOC Choice K-12 School Programs

## **MEDIA OUTREACH AND DISTRIBUTION**

### **Public Affairs Staff**

- Prepared and distributed content for social media
- Distributed weekly news digests to MWDOC managers and Board
- Distributed weekly Association of Metropolitan Water Agencies (AMWA) Monday briefings for member agencies
- Prepared and submitted the following article to the Association of California Water Agencies News:
  - <https://www.acwa.com/news/water-energy-education-alliance-and-mwdoc-offer-multi-language-recruitment-brochures/>
- Coordinated with and responded to various media inquiries, including <https://www.ocregister.com/2023/02/10/one-oc-water-agency-fights-for-its-life-in-face-of-consolidation-desires/>
- Assisted with editing an OpEd for Director Seckel in the Leisure World Weekly.

## **SPECIAL PROJECTS**

### **Public Affairs Staff:**

- Coordinated event logistics with The Westin South Coast Plaza Hotel for the MWDOC Water Policy Dinner
- Prepared and distributed the second and third invites for the MWDOC Water Policy Dinner
- Prepared and hosted the MWDOC Water Policy Forum & Dinner with moderator Adán Ortega and accompanying panel at The Westin South Coast Plaza Hotel
- Speakers Bureau: Assisted with coordinating several presentations by Director Dick and Director Seckel.
- Met with the Orange County Community Foundation to discuss the Water Energy Education Alliance's (WEEA) recent initiatives and achievements.
- Met with the Wyland Foundation to discuss outreach and campaign plans for Earth Month 2023.
- Attended The Metropolitan Water District of Southern California's Public Information Officers workgroup meeting.
- Attended the Urban Water Institute Spring Conference.
- Met with the Centers for Excellence for Labor Market Research to discuss the statewide workforce needs assessment report and plans for industry conference presentations.

### **Governmental Affairs Staff:**

- Staffed the WACO meeting featuring speaker Eric Saperstein
- Participated in the CSDA Professional Development Committee meeting
- Prepared recommendations and talking points for Director McVicker for the ISDOC Executive Committee meeting, outlining potential programs and speaker recommendations for 2023
- Staffed the ISDOC Executive Committee meeting
- Participated in the ACWA Region 10 Event Planning working group meeting
- Met with Director Mills, ISDOC President, to discuss best practices for ISDOC over the coming term
- Extended invitations to speakers for upcoming WACO meetings
- Staffed the WACO Planning meeting
- Had a follow-up meeting with Director Mills regarding outstanding ISDOC issues

## **LEGISLATIVE AFFAIRS**

### **Governmental Affairs Staff:**

- Participated in the ACWA Federal Affairs Committee meeting
- Met with Albert Napoli of Metropolitan to discuss coordination of delegation visits in district offices with legislative staff
- Participated in the “Big and Bold” Water Proposal Strike Team meeting (3 meetings total)
- Met with Director Seckel, Harvey, and Syrus to discuss the status and messaging for the Delta Conveyance Project
- Attended the ACWA State Infrastructure bond working group meeting
- Participated in the CMUA Regulatory and Legislative Committee meetings
- Attended the ACWA State Legislative Committee meeting
- Participated in the Southern California Water Coalition Legislative Task Force meeting
- Attended a 3-part webinar put on by CSDA that covered: Legislative Relations, Grassroots Advocacy, and Media Relations
- Participated in the Metropolitan Member Agencies Legislative Update call
- Attended the California Natural Resources Agency webinar that provided an update on California’s Water Supply
- In Sacramento, attended meetings in the Capitol with staff from the following offices:
  - Assemblyman Avelino Valencia
  - Assemblyman Philip Chen
  - Assemblywoman Blanca Pacheco
  - Assemblywoman Diane Dixon
  - Assemblywoman Kate Sanchez
  - Assemblyman Tri Ta
  - Assemblywoman Sharon Quirk-Silva

- Senator Catherine Blakespear
- From the Senate Committee on Natural Resources & Water:
- Principal Consultant Genevieve Wong
- Senator Brian Dahle's office
- Senator Melissa Hurtado's office
- Senator Steve Padilla's office
- Attended the CMUA Water Bond working group meeting
- Met with Rosalie Thompson from Metropolitan to discuss pending legislation and legislative priorities

## **WATER USE EFFICIENCY**

### **ORANGE COUNTY LANDSCAPE PROGRAM ADVISORY COMMITTEE (PAC) MEETING**

On February 9, Joe Berg, Beth Fahl, Sam Fetter, Tina Fann, and Rachel Waite participated in the Orange County Landscape PAC meeting, along with staff from Irvine Ranch Water District, Santa Margarita Water District, Moulton Niguel Water District, City of San Clemente, and El Toro Water District. Items on the agenda included:

- Landscape Design Program/Landscape Maintenance Program Modifications
- Turf and Drip Programs Guides
- Future PAC Topics

The next meeting is scheduled for April 13.

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

On February 14, Rachel W. 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:

- Status Update on Cycle 2 Deliverables and Online Platform
- Cycle 2 and 3 Membership Costs and Timeline
- OCDAP Data Sharing/Efforts/Projects Underway/Cycle 2 Derived Products
- OC GIS User Group Update

The next meeting is scheduled for March 14.

### **METROPOLITAN WATER USE EFFICIENCY WORKGROUP MEETING**

On February 16, Joe, Beth, Sam, Tina, Rachel W., and Rachel Davis participated via Zoom in Metropolitan's Water Use Efficiency Workgroup meeting. Items on the agenda included:

- Welcome
- Metropolitan Board Meetings Update
  - Previous: February
  - Upcoming: March
- Metropolitan Water Supply Update
- California American Water Update

- IRWD’s Water Efficiency Guidebook for Multi-Family Properties
- Metropolitan Conservation Program Updates
  - MAAP
  - Grants
- External Affairs Update
- Member Agency Roundtable

The next meeting is scheduled for March 16.

## **ORANGE COUNTY WATER USE EFFICIENCY WORKGROUP MEETING**

On March 2, Joe, Beth, Rachel W., Rachel D., and Tina hosted the Orange County Water Use Efficiency Workgroup meeting. Items on the agenda included:

- MWDOC Updates
- Agency Problem Solving Roundtable
- Water Supply Update
  - Supply Update
  - Allocations Update
- IRWD’s Water Efficiency Guidebook for Multi-Family Properties
- Proposed AB 1572 Prohibiting Potable Water for Irrigation of Non-Functional Turf
- Water Use Efficiency Updates
  - Landscape Program Advisory Committee Update
  - Turf Removal Program Update
    - Native Grasses Update
    - Grant Funding/Turf Activity Update
- CalWEP Update
- Future Agenda Items

The next meeting is scheduled for April 6.



# MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AGENCIES MANAGERS MEETING

## ZOOM LINK:

<https://us06web.zoom.us/j/88056139256>

Meeting ID: 880 5613 9256

Passcode: 844327

Dial-in option: (669) 900-9128

**WHEN:** Thursday, March 16, 2022 from **10:30 am to 12:00 pm.**

## DRAFT AGENDA

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

Page #/Link

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

2-1. Draft Board Agendas .....(Link)

2-2. MWDOC Draft Budget & Reserves Update .....(Link)

2-3. MWDOC & OCWD Discussion Update .....(Link)

2-4. Water Supply Conditions Update .....(Link)

A. MET Supply Conditions & Recent Actions

2-5. Agency Roundtable

A. Lead and Copper Rule Lead Service Line Inventory.....(Link)

2-6. Shutdown and Engineering Update

2-7. WEROC Update

### 3. Announcements:

3-1. MWDOC Elected Officials Forum.....Thursday April 6<sup>th</sup>

### 4. Report Items

4-1. Monthly GM Report ..... (Link)

4-2. Legislative Reports ..... (Link)

4-3. WEROC Matrix ..... (Link)

4-4. Grant Funding Opportunities ..... (Link)

4-5. Additional Reports or Materials..... (Link)

### 5. Next meeting tentative scheduled for April 20

Street Address:  
18700 Ward Street  
Fountain Valley, California 92708

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

(714) 963-3058  
Fax: (714) 964-9389  
[www.mwdoc.com](http://www.mwdoc.com)

Megan Yoo Schneider, P.E.  
President

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

Al Nederhood  
Director

Larry D. Dick  
Director

Karl W. Seckel, P.E.  
Director

Sat Tamaribuchi  
Director

Jeffrey M. Thomas  
Director

Robert J. Hunter  
General Manager

#### MEMBER AGENCIES

- City of Brea
- City of Buena Park
- East Orange County Water District
- El Toro Water District
- Emerald Bay Service District
- City of Fountain Valley
- City of Garden Grove
- Golden State Water Co.
- City of Huntington Beach
- Irvine Ranch Water District
- Laguna Beach County Water District
- City of La Habra
- City of La Palma
- Mesa Water District
- Moulton Niguel Water District
- City of Newport Beach
- City of Orange
- Orange County Water District
- City of San Clemente
- Santa Margarita Water District
- City of Seal Beach
- Serrano Water District
- South Coast Water District
- Trabuco Canyon Water District
- City of Tustin
- City of Westminster
- Yorba Linda Water District

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

AGENDA  
March 6, 2023  
1:30 PM – 2:30 PM

---

[Join Teams Meeting](#)

Call in number: +1 949-543-0845  
Phone Conference ID: 315 821 944#



- 1. Welcome & Introductions**
- 2. March 6<sup>th</sup> Executive Committee Agenda Overview**
- 3. Update on Integrated Regional Project Planning**  
*Grant Sharp, County of Orange*
- 4. MC Member Roundtable & Updates**
- 5. Upcoming South OC IRWM Meetings:**
  - Executive Committee: March 6<sup>th</sup> [Crown Valley Community Center – Laguna Niguel]
  - Management Committee: June 5<sup>th</sup> [Virtual]
- 6. Closing and Adjourn**

## Management Committee Membership by Agency

City of Aliso Viejo: <b>Shaun Pelletier</b>	City of San Juan Capistrano: <b>Joe Parco</b>
City of Dana Point: <b>Lisa Zawaski</b>	County of Orange: <b>Grant Sharp*</b>
City of Laguna Beach: <b>Keith Van Der Maaten</b>	El Toro Water District: <b>Hannah Ford</b>
City of Laguna Hills: <b>Joe Ames</b>	Irvine Ranch Water District: <b>Mark Tettemer</b>
City of Laguna Niguel: <b>Kathy Nguyen</b>	Moulton Niguel Water District: <b>Laura Rocha</b>
City of Laguna Woods: <b>Nadia Cook</b>	Municipal Water District of OC: <b>Charles Buslinger*</b>
City of Lake Forest: <b>Devin Slaven</b>	Santa Margarita Water District: <b>Don Bunts</b>
City of Mission Viejo: <b>Richard Schlesinger</b>	South Coast Water District: <b>Rick Shintaku</b>
City of Rancho Santa Margarita: <b>Joe Parco</b>	South OC Wastewater Authority: <b>Amber Baylor*</b>
City of San Clemente: <b>David Rebensdorf</b>	Trabuco Canyon Water District: <b>Fernando Paludi</b>
San Juan Basin Authority: <b>Norris Brandt</b>	Laguna Beach County Water District: <b>Keith Van Der Maaten</b>

\*Regional Water Management Group (RWMG) Representatives



**March 9, 2023**

2:30 – 3:30 p.m.

**NEW LOCATION**

**\*IN PERSON at Crown Valley Community Center\***

29751 Crown Valley Parkway

Laguna Niguel, CA 92677

[Map](#)

---

**Tiffany Ackley, Chair**

City of Aliso Viejo

**Debbie Neev**

Laguna Beach County Water District

**Sandra Jacobs**

Santa Margarita Water District

**Kelly Jennings**

City of Laguna Niguel

**Matthew Pagano**

City of Dana Point

**Karen McLaughlin**

Irvine Ranch Water District

**Sue Kempf**

City of Laguna Beach

**Don Caskey**

City of Laguna Hills

**Carol Moore**

City of Laguna Woods

**Cynthia Vasquez**

City of Mission Viejo

**Robert Pequeño**

City of Lake Forest

**Kay Havens, Vice Chair**

El Toro Water District

**Bill Moorhead**

Moulton Niguel Water District

**Megan Yoo Schneider**

Municipal Water District of OC

**Katrina Foley**

County of Orange

**Brad McGirr**

City of Rancho Santa Margarita

**Steve Knoblock**

City of San Clemente

**Norris Brandt**

San Juan Basin Authority

**Doug Erdman**

South Coast Water District

**TBD**

South OC Wastewater Authority

**Ed Mandich**

Trabuco Canyon Water District

**Howard Hart**

City of San Juan Capistrano

---

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

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

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

## REGULAR BUSINESS\*

### CALL TO ORDER

### WELCOME AND PLEDGE OF ALLEGIANCE

#### ITEM # 1 EXECUTIVE COMMITTEE ROLL CALL

#### ITEM # 2 APPROVAL OF MEETING MINUTES

Recommended Action: Approve the minutes of the November 17, 2022, meeting.

#### ITEM # 3 PUBLIC COMMENTS, NON-AGENDA ITEMS

#### ITEM # 4 COMMITTEE CHAIR AND VICE CHAIR NOMINATIONS

*JENNA VOSS, COUNTY OF ORANGE COUNTY*

Recommended Action: Form a nominating committee to return on June 8, 2023, with nominations for Chair and Vice Chair to serve a two-year term ending June 30, 2025.

#### ITEM # 5 EXECUTIVE OFFICER REPORT

*AMANDA CARR, COUNTY OF ORANGE*

## PRESENTATIONS & DISCUSSION

#### ITEM # 6 FY 23 – 25 COST-SHARE BUDGET & WORK PLAN DISCUSSION

*JENNA VOSS, COUNTY OF ORANGE*

Recommended Action: Discuss proposed FY 23 – 25 Cost-Share Budget & Work Plan and provide direction to staff.

### EXECUTIVE COMMITTEE MEMBER COMMENTS

### ADJOURNMENT – NEXT MEETING DATE: JUNE 8, 2023

## OPTIONAL POST-MEETING TOUR OF CROWN VALLEY PARK PROJECT

The City of Laguna Niguel will provide interested attendees a tour of the Crown Valley Park Project features funded through the 2015 Proposition 84 IRWM Implementation Grant. This is optional and is not part of the formal meeting. Anyone interested in participating will leave from the Crown Valley Community Center Ballroom and meet at a designated location to split into tour groups. There will be two groups viewing different IRWM-funded features and rotating between stations. A map is included as **Attachment A** to this packet for your reference.



## AGENDA STAFF REPORTS

### Regular Business

---

#### CALL TO ORDER

#### WELCOME AND PLEDGE OF ALLEGIANCE

### ITEM # 1. INTRODUCTIONS/ ROLL CALL

### ITEM # 2. APPROVAL OF MEETING MINUTES

#### MEETING MINUTES FROM NOVEMBER 17, 2022 FOR APPROVAL

**Date and Location:** November 17, 2022, 2:30 – 4:30 p.m.  
Laguna Niguel Council Chambers  
30111 Crown Valley Parkway  
Laguna Niguel, CA 92677

**\*\*Audio recording for November 17, 2022, meeting is available [here](#). Recording times noted in the minutes correspond to that item on the recording. \*\***

#### ITEM # 1 Roll Call/Self-Introductions (Recording: 00:01:10)

Sean Pelletier for Tiffany Ackley, Chair, City of Aliso Viejo	Kay Havens, Vice Chair, El Toro Water District
Debbie Neev, Laguna Beach County Water District	Bill Moorhead, Moulton Niguel Water District
Saundra Jacobs, Santa Margarita Water District	Charles Busslinger for Megan Yoo Schneider, Municipal Water District of OC
Kelly Jennings, City of Laguna Niguel	Lisa Zawaski for Mike Frost, City of Dana Point
Brendan Dugan for Brad McGirr, City of Rancho Santa Margarita	David Shissler for Sue Kempf, City of Laguna Beach
Norris Brandt, San Juan Basin Authority	Doug Erdman, South Coast Water District
Carol Moore, City of Laguna Woods	Betty Burnett, South OC Wastewater Authority
Ed Mandich, Trabuco Canyon Water District	Brian Goodell, City of Mission Viejo
Karen McLaughlin, Irvine Ranch Water District	

#### ITEM # 2 Approval of Meeting Minutes (Recording: 00:04:30)

May 26, 2022, meeting minutes were presented to the Executive Committee for approval.

**Recommended Action:** Approve the May 26, 2022, meeting minutes.

*Motion: Approve minutes*



First/Second: Carol Moore/Sandra Jacobs

Roll Call:

Sean Pelletier: Yes	Kay Havens: Yes	Debbie Neev: Abstain	Bill Moorhead: Yes
Sandra Jacobs: Yes	Charles Busslinger: Abstain	Kelly Jennings: Yes	Lisa Zawaski: Yes
Brendan Dugan: Abstain	David Shissler: Yes	Norris Brandt: Yes	Doug Erdman: Yes
Carol Moore: Yes	Betty Burnett: Abstain	Ed Mandich: Yes	

Outcome: Motion Passed

**ITEM # 3 Public Comments (Non-Agenda Items) (Recording: 00:07:00) (Recording: 01:01:35)**

Mr. Roger Butow, Clean Water Now, inquired about audience self-introductions. Ms. Jenna Voss, County of Orange, stated that the Brown Act provides attendees the option of anonymity.

**ITEM # 4 2023 Meeting Schedule (Recording: 00:07:37)**

The 2023 Executive Committee meeting dates of March 9, June 8, and November 9 were presented to the Executive Committee members for approval.

**Recommended Action:** Approve the 2023 Executive Committee meeting dates of March 9, June 8, and November 9.

Motion: Approve the proposed 2023 meeting dates.

First/Second: Debbie Neev/Sandra Jacobs

Roll Call:

Sean Pelletier: Yes	Kay Havens: Yes	Debbie Neev: Yes	Bill Moorhead: Yes
Sandra Jacobs: Yes	Charles Busslinger: Yes	Kelly Jennings: Yes	Lisa Zawaski: Yes
Brendan Dugan: Yes	David Shissler: Yes	Norris Brandt: Yes	Doug Erdman: Yes
Carol Moore: Yes	Betty Burnett: Yes	Ed Mandich: Yes	

Outcome: Motion Passed

**ITEM # 5 Presentation: OC Go Environmental Cleanup Program (Recording: 00:09:33)  
Dan Phu, Orange County Transportation Authority**

Mr. Dan Phu, Orange County Transportation Authority, provided an overview of the OC Go Environmental Cleanup Program and its anticipated grant solicitation schedule for 2023. This two-tiered grant program funds projects which address visual forms of pollution, including trash and debris, as well as capital-intensive BMPs that provide more comprehensive pollutant removal.

**Recommended Action:** Receive and file.

**ITEM # 6 Proposition 1 IRWM Implementation Grant Project Slate Final Approval (Recording: 00:30:10)  
Jenna Voss & Andrew McGuire, County of Orange  
Project Proponent Representatives from: Municipal Water District of Orange County, Trabuco Canyon Water District, City of San Clemente, and City of San Juan Capistrano**



Mr. Andrew McGuire, County of Orange, provided background on Integrated Regional Water Management (IRWM) and of the South OC IRWM project review, selection, and grant application process for Proposition 1 – Round 2 funding. Ms. Jenna Voss, County of Orange, provided an overview of the projects submitted for consideration. The Project Review Ad Hoc, stakeholder and Management Committee recommendations were presented. Project proponents from the four projects recommended for funding summarized their projects.

**Recommended Action:** Approve project slate for submittal of a \$3,270,800 Proposition 1 – Round 2 Integrated Regional Water Management (IRWM) Implementation Grant Final Application Package to the California Department of Water Resources for the four projects recommended for funding consideration from the IRWM Plan and associated grant administration.

*Motion: Approve the project slate for submittal as proposed.*

*First/Second: Sandra Jacobs/Debbie Neev*

*Roll Call:*

<i>Sean Pelletier: Yes</i>	<i>Kay Havens: Yes</i>	<i>Debbie Neev: Yes</i>	<i>Bill Moorhead: Yes</i>
<i>Sandra Jacobs: Yes</i>	<i>Charles Busslinger: Abstain</i>	<i>Kelly Jennings: Yes</i>	<i>Lisa Zawaski: Yes</i>
<i>Brendan Dugan: Yes</i>	<i>Karen McLaughlin: Yes</i>	<i>David Shissler: Yes</i>	<i>Norris Brandt: Yes</i>
<i>Doug Erdman: Yes</i>	<i>Carol Moore: Yes</i>	<i>Betty Burnett: Yes</i>	<i>Brian Goodell: Yes</i>
<i>Ed Mandich: Yes</i>			

*Outcome: Motion Passed*

**ITEM # 7 Presentation: 2023 Water Plan Update & Watershed Resilience Initiative (Recording: 01:06:18)**  
**Jenna Voss, County of Orange**

Ms. Jenna Voss provided an overview of the 2023 California Water Plan Update. The State Department of Water Resources (DWR) is required to update the Water Plan every five years.

**Recommended Action:** Receive and file.

**Executive Officer's Report (Recording: 01:23:50)**

**Amanda Carr, County of Orange**

Executive Officer Amanda Carr provided her report.

**Executive Committee Member Comments (Recording: 01:31:16)**

Executive Committee Member Sandra Jacobs (Santa Margarita Water District) asked about renegotiating the IRWM funding split within the San Diego Funding Area. Executive Officer Ms. Amanda Carr noted the negotiation of a split requires allocation of additional grant funds to the IRWM Program through DWR. Executive Committee Member Betty Burnett (South Orange County Wastewater Authority) requested clarification on the formula used to allocate funding amongst the three IRWM Regions in the San Diego Funding Area. Ms. Jenna Voss (County of Orange) responded that it is based on land area and population.

**Adjournment (Recording: 01:33:28)** The next meeting is on March 9, 2023.

**END MEETING MINUTES FROM NOVEMBER 17, 2022**



**Recommended Action:** Receive and file.

### ITEM # 3. PUBLIC COMMENTS, NON-AGENDA TOPICS

*Any member of the public wishing to provide public comment on non-agenda items under the jurisdiction of the Executive Committee may do so during Public Comments. If you wish to submit a public comment, please use the Speaker Cards provided. All persons addressing the Executive Committee are requested to limit comments to three minutes.*

### ITEM # 4. COMMITTEE CHAIR AND VICE CHAIR NOMINATIONS

According to the Terms of the Executive Committee Handbook, a new Chair and Vice Chair shall be elected for the next two-year term, beginning July 1, 2023, and ending June 30, 2025. Following prior Committee practice, staff recommend the Committee select a nominating committee to bring back nominees for consideration at the June 8, 2023, meeting. For the FY 2021-2023 term a city representative served as Chair and a water agency representative served as Vice-Chair; in accordance with past protocol where these roles alternate, staff recommend that the nominating committee propose a water/wastewater/groundwater agency representative for Chair and a city representative for Vice Chair for the FY 2023-2025 term. The committee will vote to confirm a new Chair and Vice Chair at the June 8, 2023, meeting.

**Recommended Action:** Form a nominating committee to return on June 8, 2023, with nominations for Chair and Vice Chair to serve a two-year term ending June 30, 2025.

### ITEM #5. EXECUTIVE OFFICER REPORT

Executive Officer Amanda Carr, County of Orange, will provide an update on pertinent information to the South Orange County Watershed Management Area including, but not limited to the following:

- **Proposition 1 – Round 2 IRWM Implementation Grant Submitted January 30, 2023:** the \$3.27 million grant application in support of four priority South OC IRWM projects was submitted to the State DWR. Award notifications are expected in summer 2023.
- **County Staffing Changes:** Andrew McGuire has left the County and moved back to his home state of Wisconsin, effective February 24, 2023. Ryane Gill will be a new primary contact for the Committee.
- **[Center for Watershed Protection National Watershed and Stormwater Conference:](#)** April 24 – 27, 2023, San Diego. Conference theme – stormwater harvest and reuse.
- **[ACWA Spring Conference:](#)** May 9 – 11, 2023
- **[Water Resilience Executive Order N-3-23 issued February 13, 2023:](#)** Governor Newsom signed an executive order committing state resources to make state water supplies more resilient to the anticipated impacts of climate change. The order stresses the impacts of extremes – both dry and wet weather conditions – the state has experienced over the past few years, and the need to adapt to more frequent hydrologic extremes. This order references state budget allocations for response, including an additional \$202 million for flood protection and \$125 million for drought response. Of note, capturing stormwater runoff is listed as an important strategy, referencing the [California’s Water Supply Strategy: Adapting to a Hotter, Drier Future](#).
- **California Water Quality Monitoring Council:** [Meeting focused on PFAS](#) - February 23, 2023
- **DWR Virtual Workshop on the Draft Flood Management Resource Management Strategy (RMS) on March 15, 2023:** the workshop will provide local agencies and groups the opportunity to review and comment on the content of the draft RMS, to be included in the [California Water Plan Update 2023](#).



- **South OC Water Quality Improvement Plan (WQIP) 2021-22 Annual Report Submitted January 31, 2023 to the San Diego Regional Water Quality Control Board:** the final report and previous annual reports are available here: <https://www.southocwqip.org/pages/reporting-adaptive-management>.
- **Draft 2024 California Integrated Report Clean Water Act Section 303(d) List Comments Due April 3, 2023:** the State Water Resources Control Board has made available a supporting draft staff report detailing the proposed listing and delisting recommendations.
- **20<sup>th</sup> Anniversary of IRWM Video Screening at DWR Headquarters May 2, 2023:** DWR is planning an in-person and virtual screening of a video DWR produced highlighting the 20<sup>th</sup> anniversary of the IRWM Program, details and a flyer for which are forthcoming.

## ITEM # 6. FY 23 – 25 COST SHARE BUDGET & WORK PLAN DISCUSSION

The South OC WMA Cooperative Agreement states that the Committee shall approve an annual work plan and budget for the administration and activities of the WMA, its committees, projects, actions, and administrative support. The budget shall be equally divided amongst the participating agencies in the agreement and shall be budgeted by each agency in their annual budget. On May 6, 2021, the Committee approved a two-year budget and work plan for fiscal years (FY) 2021 – 2023; the cost share in both FYs was \$11,250 per member agency. The proposed FY 2023 – 2025 cost-share budget is \$9,090.91 per member agency for both FYs, representing a 19% reduction from the current budget. The Committee will provide direction to staff on the draft budget; however, no action will be taken at this meeting to approve/reject the budget as proposed. Committee input received at this meeting will be considered and reflected in a final budget presented for formal approval at the June 8, 2023 meeting.

The State DWR was expected to release a draft 2023 Water Plan Update by March 2023 that would provide insight into DWR's future commitment to the IRWM Program as it is currently administered. Water Plan issuance has now been delayed, without a specified release date. It is expected the Water Plan will seek to chart a new course for IRWM, emphasizing broader natural resource management at watershed scales. If the Water Plan follows this expected path, direct funding for IRWM projects through traditional grants is uncertain. The IRWM Grant Program currently depends on allocations of funds managed by DWR through voter-approved bonds. In addition to a potential priority shift in the Water Plan, the past two years have seen state budget surpluses with allocation of funds to multiple water resource priorities and programs. During this time, IRWM has not received a direct allocation. Additionally, budget surpluses delayed planning for a water or climate resilience bond that could include funding for IRWM.

As a result of this uncertainty, staff propose a streamlined and reduced budget for the next FY cycle to allow maximum flexibility to DWR policies, while recognizing likely delays in allocation of funds for which South OC IRWM projects may qualify. The budget categories are condensed and focus on core programmatic elements of the Cooperative Agreement and priorities expressed by the Committee. These changes are intended to increase the South OC IRWM's ability to respond more easily to anticipated changes in state support and guidance.

### **Proposed Budget for FY 2023 – 2025**

The proposed work plan and budget for FY 2023 – 2025 is included below; the budget task/subtasks and proposed budget amounts are the same for each FY. The Work Plan budget narrative is summarized below by Task; **Table A** provides the proposed budget amounts for each Task.

#### ▪ **Task 1: Program Administration**

Includes the core support functions for the South OC IRWM as described in the Cooperative Agreement, IRWM Plan governance structure, and to comply with State DWR IRWM Plan Standards to remain an



accepted region for grant funding. Support includes administration of the Executive Committee, Management Committee, as well as ad hoc and/or additional workshops, as needed. Staff propose holding three (instead of four) Executive Committee meetings annually. This item includes elements such as preparation of meeting agendas, presentations, agenda staff reports, responding to member agency requests and supporting administration of the program through legal support for the Cooperative Agreement.

Both the IRWM Plan and Orange County Stormwater Resource Plan (OC SWRP) (appended and incorporated into the IRWM Plan per SB 985) must meet state standards to qualify South OC IRWM for future allocations of grant funds administered by the state. Task 1 includes general and ongoing IRWM Plan and OC SWRP support to ensure plans remain compliant.

▪ **Task 2: Data Management, Project Lists & Reporting**

DWR requires that IRWM Plans include a “Data Management System” for collecting and making publicly available data associated with implementation of projects funded within each IRWM Region. To fulfill this requirement, the County developed, on behalf of the South OC IRWM a Data Management System (DMS) website ([www.southocirwm.org](http://www.southocirwm.org)) in the FY 2017 – 19 budget cycle, which was subsequently updated in 2020 and 2022 to better support project submittal. This budget item includes maintaining and updating this geospatial-based website to include data and reports for each of the projects funded through IRWM Grants in the WMA, and ongoing updates, as needed. Additionally, both the IRWM Plan and OC SWRP require maintenance of publicly available, prioritized project lists; the DMS website serves this function.

▪ **Task 3: Project Support & Grant Management**

IRWM Grant funding may be allocated in a voter-approved bond during the next two FY. This task provides bandwidth for the application and agreement execution process, should funding be made available. If IRWM Grant funding is not made available to the South OC IRWM, staff propose allocating funds in this task to developing and maintaining a grant database for all IRWM Group members to reference. Additionally, the South OC IRWM Plan establishes a prioritization methodology for water resource projects seeking IRWM Grant funding that provides a blueprint for supporting priority projects on the IRWM Project List. Staff propose that in a non-IRWM Grant FY, these funds be used to support priority project proponents in grant applications prepared by that entity (not County staff). This support could include identifying potential grant or loan program options for agencies/organizations based on the project’s expressed benefits, and/or providing supporting information on how projects meet goals of and priorities for South OC water management as detailed in the IRWM Plan.

This task also includes ongoing support for core functions of the South OC IRWM – regional collaboration and Team Arundo. The former includes support for the [Aliso Creek Project Collaboration Group](#) and other watershed groups to remove barriers to the collaborative planning of projects prioritized by the IRWM Region. This support over the past two FY has resulted in beneficial working relationships with several resource agencies (e.g. California Department of Fish and Wildlife), and supported public input on the development of restoration concepts for Aliso Creek mainstem. The latter includes maintenance of *Arundo donax* removal permits to facilitate regional management of this prolific invasive species on behalf of the South OC IRWM (e.g., CDFW 1600, USACE RGP 41). The County holds permits, manages annual reporting and coordinates permit users. Termed “Team Arundo,” South OC IRWM has supported this work for over 10 years.

▪ **Task 4: Watershed Resilience & Regionally Beneficial Legislative Tracking**

Researching and communicating with State agencies on the Watershed Resilience Initiative and other similar state plans that impact the work of IRWM will likely be a priority during FY 23 – 25. This task



supports engagement with State DWR staff, including advocating for watershed scale collaboration that aligns with South OC IRWM efforts. Task 4 also includes tracking and informing member agencies and other stakeholders/interested parties in the South OC IRWM Group of potentially impactful legislation, including for funding. Staff participation in the IRWM Roundtable of Regions (as a region, not as Roundtable of Regions leadership) is included in this task and represents the same commitment as the prior four FY. The IRWM [Roundtable of Regions](#) is a well-established collaborative of representatives from organizations and agencies engaged in the current, ongoing, and future success of the IRWM Program in California.

**Table A** below summarizes the two-year proposed budget described above, which is identical for both FY. The total cost-share amount per Member Agency is highlighted in yellow.

**Table A: Proposed FY 2023 – 2025 Shared-cost Budget**

Task/Subtask	Budgeted Amount (\$)	Percent of Budget (%)
<b>1: Program Administration</b>	<b>\$70,000.00</b>	<b>35%</b>
1.1: Communication & Meetings		
1.2: Governance		
1.3: IRWM Plan & OC Stormwater Resource Plan (OC SWRP)		
<b>2: Data Management; Project Lists &amp; Reporting</b>	<b>\$10,000.00</b>	<b>5%</b>
2.1: Data Management		
2.2: Project Lists – IRWM & OC SWRP		
2.3: Reporting		
<b>3: Project Support &amp; Grant Management</b>	<b>\$90,000.00</b>	<b>45%</b>
3.1: Maintain Grant Database for IRWM		
3.2: Support for Priority Projects		
3.3: Grant Applications and/or Agreements		
3.4: Resource Agency Coordination for Permitting		
3.5: Regional Collaboration Support		
3.6: Team Arundo Permitting & Mapping		
<b>4: Watershed Resilience &amp; Regionally Beneficial Legislative Tracking</b>	<b>\$30,000.00</b>	<b>15%</b>
4.1: Research & IRWM Transition Plan		
4.2: Watershed Resilience Initiative Research		
4.3: State Coordination & Legislation		
<b>Total</b>	<b>\$200,000.00</b>	<b>100%</b>
<b>Total Per Member Agency (22)</b>	<b>\$9090.91</b>	

**Recommended Action:** Discuss proposed FY 23 – 25 Cost-Share Budget & Work Plan and provide direction to staff.

**EXECUTIVE COMMITTEE MEMBER COMMENTS**

**ADJOURNMENT**

Next meeting date: June 8, 2023



## POST MEETING TOUR OF THE CROWN VALLEY PARK CHANNEL ENTRY IMPROVEMENTS PROJECT

The Crown Valley Park Channel Entry Improvements project (Project) received a 2015 Proposition 84 IRWM Implementation Grant of \$700,000 through the South OC IRWM. The Project was completed in 2017, and included: trash controls, treatment wetlands, and bioswales to improve wet and dry weather runoff quality from the 1,197 acre drainage area upstream of the 30 acre park; replacement of hardened channel bed with riparian habitat, turf with drought tolerant landscaping; and providing recycled water irrigation to the 20 acre botanical garden. In addition, a new culvert crossing installed at the park entry eliminates closures from storm flooding. These improvements reduced potable water consumption by up to 32-acre feet per year, and overall water demand by seven-acre feet per year. **Attachment A** includes the project factsheet and Laguna Niguel staff presentation on the project provided to the Committee in November 2017.

After adjournment of the meeting, Executive Committee members and attendees are welcome and encouraged to join a brief tour of the Project led by City of Laguna Niguel staff. The group will be divided into two groups and rotate between site features. For more information about the site and features included in the tour, please reference the map on the following page.



**ATTACHMENT A: SITE MAP & IRWM PROJECT LIST FACTSHEET FOR POST MEETING TOUR OF THE CROWN VALLEY PARK CHANNEL ENTRY IMPROVEMENTS PROJECT**



# FACT SHEET

## City of Laguna Niguel: Crown Valley Park Channel Entry Improvements An Integrated Regional Water Management (IRWM) Project

### IRWM Goals: Improve Water Quality, Enhance Natural Resources, Flood Management

**WHAT:** The Crown Valley Park Channel Entry Improvements Project introduced trash controls, treatment wetlands, and bioswales to improve wet and dry weather runoff quality from the 1,197 acre drainage area upstream of the 30 acre park. The project replaced hardened channel bed with riparian habitat, turf with drought tolerant landscaping, and introduced recycled water irrigation to the 20 acre botanical garden. In addition a new culvert crossing eliminates closures from storm flooding. These improvements reduce potable water consumption by up to 32 acre feet per year, and overall water demand by 7 acre feet per year.

**WHERE:** Crown Valley Park is located on Crown Valley Parkway in Laguna Niguel, CA.



**WHEN:** Phase 2 of the park improvements were completed in November, 2017.

**WHO:** The City of Laguna Niguel is the lead agency. Moulton Niguel Water District participated in the project.

**COST:** The total project cost is \$7,198,262 with \$700,000 of grant funding provided by Proposition 84.

**INFO:** For more information about this project visit <https://www.cityoflagunaniguel.org>  
Or contact Nasser Abbaszadeh with the City of Laguna Niguel using the contact information listed below.



#### CITY OF LAGUNA NIGUEL

Project Contact Information:  
Nasser Abbaszadeh

 nabbaszadeh  
@cityoflagunaniguel.org  
 858-674-2984



#### IRWM

IRWM is a collaborative effort to manage all aspects of water resources in a region. For more information about IRWM in South Orange County, led by the County of Orange, please contact Jenna Voss at 714-955-0652 or visit <http://arcg.is/1WWTmb>.

**\*Integrated Regional Water Management Project Improvement**



*Niguel Botanical Preserve*

9



**4 Entry Bridge\***



**3 Treatment Wetland\***



**2 Trash Boom\***



**7 Bioswales\***



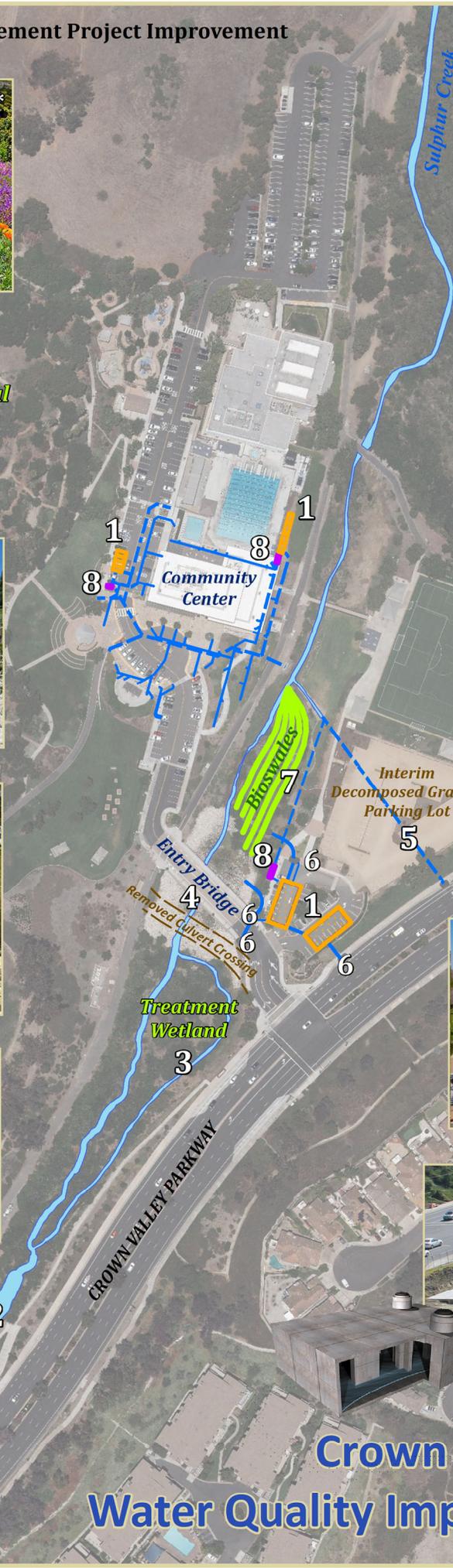
**6 Trash Screen**



**5 Decomposed Granite Parking Lot**



**1 Detention Vault**



**Crown Valley Park  
Water Quality Improvements**



**LOCAL AGENCY FORMATION COMMISSION OF  
ORANGE COUNTY**

**REGULAR MEETING AGENDA**

**Wednesday, March 8, 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. BOARD APPOINTMENTS**

The Commission will receive a report on recent appointments to OC LAFCO and respective oaths will be administered.

**4. ROLL CALL**

**5. ANNOUNCEMENT OF SUPPLEMENTAL COMMUNICATION  
(Communications received after agenda distribution for agenda items.)**

**6. PUBLIC COMMENT**

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

**7. CONSENT CALENDAR**

**a.) January 11, 2023 – Regular Commission Meeting Minutes**

The Commission will consider approval of the January 11, 2023 meeting minutes.

## **8. PUBLIC HEARING**

### **a.) FY 2023-24 OC LAFCO Proposed Budget and Fee Schedule**

The Commission will consider the adoption of the Proposed Fiscal Year 2023-24 OC LAFCO Budget and resolution approving the agency's fee schedule.

## **9. COMMISSION DISCUSSION AND ACTION**

### **a.) OC LAFCO Bylaws, Policies and Procedures Handbook Amendments**

The Commission will consider proposed amendments to the OC LAFCO Handbook.

### **b.) Legislative Report (March 2023)**

The Commission will receive an update on current legislative activities and consider the adoption of positions on proposed legislation of LAFCO interest.

## **10. COMMISSIONER COMMENTS**

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

## **11. EXECUTIVE OFFICER'S REPORT**

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

## **12. INFORMATIONAL ITEMS & ANNOUNCEMENTS**

No informational items and announcements.

## **13. CLOSED SESSION**

Conference with Legal Counsel- Anticipated Litigation

Significant exposure to litigation pursuant to Government Code section 54956.9(d)(2)

Number of potential cases: 1

## **14. ADJOURNMENT OF REGULAR COMMISSION MEETING**

The Commission will adjourn to the next Regular Commission Meeting on Wednesday, April 12, 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) **In-person** 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) **Written** general comments or comments on specific agenda items may be submitted by email to the Commission Clerk at [ccarter-benjamin@oclafco.org](mailto:ccarter-benjamin@oclafco.org). 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](http://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](http://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

Tuesday, March 7, 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.

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 – 7:30 am**  
[Please mute yourself when not speaking. Please raise hand on Zoom if you have a question or comment.]
- II. **Approval of Minutes – 7:35 am**
  - Approval of February 7, 2023 Minutes
- III. **Public Comments on items not on the agenda- 7:40 am**
- IV. **New Business – 7:45 am**
  - Proposed Bylaw Revisions
  - Combining Secretary Position
  - Addition of California Association of Sanitation Agencies (CASA) update to the ISDOC agenda for the special district sanitation members
- V. **Old Business – 8:00 am**
  - Reserve Levels
    - Individual or group education in water issues
    - A scholarship to California Special Districts Association (CSDA)
    - Funding two registrations to CSDA Conference not to exceed \$2,000
- VI. **Treasurer’s Report – 8:05 am – Director Jacobs**
  - Report of accounts
- VII. **CSDA Report – 8:10 am – Director Schafer or Chris Palmer**

#### Mailing Address

P.O. Box 20895  
Fountain Valley, CA 92728

#### Meeting Location

MWDOC/OCWD  
18700 Ward Street  
Fountain Valley, CA 92708

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

<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*

##### **3rd Vice President**

*Vacant*

##### **Secretary**

*Vacant*

##### **Treasurer**

**Hon. Sandra 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*

- Receive, discuss and file the CSDA Report

**VIII. LAFCO Report – 8:15 am – Director Fisler**

- Receive, discuss and file the LAFCO report

**IX. ACWA Report – 8:20 am – Director Jacobs**

- Receive, discuss and file the ACWA report

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

- Receive, discuss and file OCCOG report

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

- Receive, discuss and file OCOA report

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

- Programs – Director McVicker
- Membership - Director Mesmer
  - Formation of a membership subcommittee
- Legislative – Vacant

**XIII. Adjourn – 8:40 am**



**Executive Committee Meeting  
(Virtual Meeting via Zoom)  
Tuesday, February 7, 2023, 7:30 a.m.**

MEETING MINUTES

**I. WELCOME:**

President Greg Mills called the meeting to order at 7:42 a.m. and welcomed all.

**DIRECTORS PRESENT:**

Greg Mills	President	Serrano Water District (SWD)
Bob McVicker	1 <sup>st</sup> Vice President	Municipal Water District of Orange County (MWDOC)
Vacant	3 <sup>rd</sup> Vice President	
Vacant	Secretary	
Saundra F. Jacobs	Treasurer	Santa Margarita Water District (SMWD)
Mark Monin	Immediate Past President	El Toro Water District (ETWD)

**DIRECTORS ABSENT:**

Paul Mesmer, 2<sup>nd</sup> Vice President, Surfside Colony Community,

**SUPPORT STAFF PRESENT:**

Heather Baez	MWDOC
Tina Dubuque	MWDOC
Sharon Brimer	Recording Secretary

**OTHERS PRESENT:**

Arlene Schafer	Costa Mesa Sanitary District (CMSD)
Chris Palmer	California Special Districts Association (CSDA)
Deanna Rey	The KYA Group
Jim Fidler	Mesa Water District (MWD)
John Lewis	Lewis Consulting Group
John Withers	Irvine Ranch Water District (IRWD)
Larry Dick	MWDOC
Mike Gaskins	
Mike Scheafer	CMSD
Stacy Taylor	MWD
Stephen Faessel	City of Anaheim

II. MEETING MINUTES:

MOTION:

Motion by Director Jacobs, second by Director McVicker, to approve the January 3, 2023, meeting minutes as submitted. The motion passed 4-0-0-1 with 2<sup>nd</sup> Vice President Mesmer absent.

III. PUBLIC COMMENTS:

None

IV. NEW BUSINESS:

- Membership Dues

President Mills noted that at a previous meeting, a decision was made to waive ISDOC dues for 2023.

Director Jacobs offered to draft an email to the membership regarding the waiver of dues for 2023.

- Reserve Levels

A discussion ensued on reserve levels and how the funds could be used. One suggestion was to use the funds to further a person's or group's education in water issues.

Director Jacobs noted a prior discussion in which several suggestions were made: 1) A scholarship to California Special Districts Association (CSDA). 2) Funding two registrations to CSDA Conference not to exceed \$2,000. Topic to be agendized for the March Executive Session.

Director Jacobs recommended adding a California Association of Sanitation Agencies (CASA) update to the ISDOC agenda for the special district sanitation members. A discussion ensued—the item to be addressed at the next Executive Committee meeting.

V. Old Business

- Special Appointment Process Update Secretary and 3<sup>rd</sup> Vice President

President Mills reviewed the two openings and noted that nominations close on February 28, 2023.

President Mills commented that the duties of the Secretary have changed since ISDOC engaged a recording secretary; with that change, it might be easier to find a person to fill that position.

Director Jacobs suggested combining the Secretary position with another position. Item to be agendized for the March meeting.

VI. Treasurer's Report – Director Jacobs

President Mills reported the checking account balance is \$10,823.59

Director Jacobs reported the transfer of signing authority for the bank account had been completed.

VII. California Special Districts Association (CSDA) Report – Arlene Schafer or Chris Palmer

Director Schafer reported that she was re-elected to the CSDA Board; and will be serving on the following committees: Finance, Membership, Professional Development, and Alliance.

VIII. LAFCO Report – Director Fisler

Director Fisler reported there is no February meeting. The next meeting is March 15, 2023, at 8 a.m.

IX. ACWA Report – Director Jacobs

Director Jacobs reported on ACWA activities:

- State Legislative Committee to meet Friday, February 10, 2023, from 10:00 a.m. to Noon. This meeting is virtual only.
- There is a public campaign to educate the public on water infrastructure.
- The Bureau of Reclamation will begin accepting applications for new projects.
- The Spring Conference and Exhibition is May 9 – 11, 2023, in Monterey, CA
- JPIA meeting is scheduled for May 8, 2023
- Andy Sells, ACWA/JPIA, is retiring
- The ACWA Fall Conference and Expo is November 28 – 30, 2023, in Indian Wells, CA

X. Orange County Council of Governments (OCCOG) Report – Director Scheafer

Director Monin stated the OCCOG Board will be meeting on March 23, 2023, at the Nixon Library.

XI. Orange County Operational Area Report – Vicki Osborn

No report for this meeting.

XII. Subcommittee Reports

- Programs -

1<sup>st</sup> Vice President McVicker reported:

Suggestions for the Quarterly Meeting:

- March Quarterly Meeting - State Legislative Update – Invite a lobbyist – What to expect in 2023. Recommendation: Continue a virtual meeting for the next quarterly meeting.
- Heather Baez suggested an update on Federal Legislative issues.
- Other possible topics: Update from the Orange County Fire Authority or an update from an organization that deals with the homeless (governmental or private sector)
- Update on Form 700, California Fair Political Practices.

KYA Group Deanna Ray offered meeting space for in-person meetings when the Board decides to return to in-person meetings.

Suggestion for District Spotlight:

Surfside Colony Storm Water Protection District or Serrano Water District.

Associate Member Spotlight:

Orange County Transportation Authority

Ms. Taylor commented that at the last quarterly meeting, the number of participants dropped significantly after the presentations. A suggestion was made to move reports to the beginning of the meeting and limit the reports to two minutes. The Board will take this under consideration.

- Membership – 2<sup>nd</sup> Vice President Mesmer  
No update.
- Legislative – This is a position that is part of the 3<sup>rd</sup> VP's duties.  
No update

XIII. Adjourn:

President Mills thanked the various attendees and staff for their assistance and participation. The meeting was adjourned at 8:24 a.m.

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

Signed: \_\_\_\_\_



ISDOC President



**AGENDA**

**Friday, March 3, 2023  
7:30 a.m. – 9:00 a.m.**

Register in advance: <https://ocwd.zoom.us/meeting/register/tZltc--oqTksHt2x4RoUgJk5KL4W1dESx5N6>

**Mailing Address**

P.O. Box 8300  
Fountain Valley, CA 92708

**Meeting Location**

Via Zoom

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

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

**Officers**

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

**Vice Chair**  
**Hon. Greg Mills**  
*Serrano Water District*

**Staff Contacts**

**Alicia Dunkin/Medha Paliwal**  
*Orange County Water District (OCWD)*

**Heather Baez**  
*Municipal Water District of Orange County (MWDOC)*

**Stay connected with OCWD and MWDOC**

**OCWD:**

OCWaterDistict

ocwd

OrangeCountyWaterDistrict

ocwaternews

OCWDwaternews

**MWDOC:**

MunicipalWaterDistrictofOrangeCounty

mwdoc

MunicipalWaterDistrictofOrange County

mwdoc

Municipal Water District of OrangeCounty

**1. Welcome & Announcements**

- Mark Monin, El Toro Water District

**2. Pledge of Allegiance**

**3. 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

**4. Program**

Groundwater Depletion in the Central Valley  
Jay Famiglietti, Hydrologist and Global Futures Professor at Arizona State University

**5. Adjourn**

**Next WACO Meeting**

Friday, April 7, 2023 at 7:30 a.m. *(hybrid meeting)*

**Next WACO Planning Committee Meeting**

Tuesday, March 21, 2023 at 7:30 a.m. via Zoom

## **DATES TO REMEMBER**

### **MARCH/APRIL 2023**

1. Mar 22 – 5:30 p.m. – Lake Forest Meet the Mayor
2. Mar 24 – DISTRICT OFFICE CLOSED
3. Mar 29 – 30 – Children’s Water Festival (UCI)
4. Mar 29 – 11:00 a.m. – MWDOC WSAP Planning Mtg #3 (zoom)
5. Mar 30 – 11:30 a.m. – ISDOC Quarterly Meeting
6. Mar 31 – 10:00 a.m. – Budget Committee #1
7. Mar 31 – 12 noon – Pres/VP/GM Meeting
8. Apr 3 – 8:30 a.m. – MWDOC Planning/Operations Meeting
9. Apr 4 – 7:30 a.m. – ISDOC Executive Committee Meeting
10. Apr 4 – 10:00 a.m. – RRC Meeting
11. Apr 5 – 8:30 a.m. – MWDOC/MET Directors Workshop
12. Apr 6 – 8:30 a.m. – SOCWA Board Meeting
13. Apr 6 – 6:00 p.m. – MWDOC Elected Officials Forum
14. Apr 7 – DISTRICT OFFICE CLOSED
15. Apr 7 – 7:30 a.m. – WACO
16. Apr 12 – 8:30 a.m. – MWDOC Admin/Finance Meeting
17. Apr 14 – 12 noon – Pres/VP/GM Meeting
18. Apr 17 – 11:00 a.m. – Agenda Review
19. Apr 18 – 7:30 a.m. – WACO Planning
20. Apr 19 – 8:30 a.m. – MWDOC Board Meeting
21. Apr 21 – DISTRICT OFFICE CLOSED
22. Apr 24 – 7:30 a.m. – Regular Engineering/Finance Meetings
23. Apr 25 – 12 noon. – Budget Committee #2 Meeting
24. Apr 26 – 11:00 a.m. – MWDOC WSAP Meeting #4 (zoom)

25. Apr 27 – 7:30 a.m. – Regular Board Meeting

26. Apr 28 – 12 noon – Pres/VP/GM Meeting

# EL TORO WATER DISTRICT

## Glossary of Water Terms

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

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

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

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

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

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

**AMP:** Allen McCulloch pipeline.

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

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

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

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

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

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

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

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

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

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

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

**BIA:** Building Industry Association.

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

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

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

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

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

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

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

**CEQA:** California Environmental Quality Act.

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

**CFS:** Cubic feet per second.

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

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

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

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

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

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

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

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

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

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

**Crisis:**

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

**CTP** Coastal Treatment Plant

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

---

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

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

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

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

**FEMA** Federal Emergency Management Agency

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

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

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

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

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

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

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

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

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

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

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

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

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

**GPM:** Gallons per minute.

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

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

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

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

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

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

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

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

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

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

**MAF:** Million acre feet.

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

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

**MGD:** Million gallons per day.

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

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

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

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

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

**NPDES** National Pollution Discharge Elimination System

**OCBC:** Orange County Business Council.

**OCEMA** Orange County Environmental Management Agency

**OCWD:** Orange County Water District.

**Opportunity:**

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

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

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

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

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

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

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

**Potable water:** Suitable and safe for drinking.

**PPB:** Parts per billion.

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

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

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

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

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

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

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

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

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

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

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

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

**RFP** Request for Proposal

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

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

**R-O-W** Right-of-way

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

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

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

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

**SAFRA** Santa Ana River Flood Protection Agency

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

**SAWPA:** Santa Ana Watershed Project Authority.

**SCADA** Supervisory Control and Data Acquisition

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

**SCH** State Clearing House – Environmental Review/Processing

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

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

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

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

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

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

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

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

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

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

**SJBA** San Juan Basin Authority

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

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

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

**SRF** State Revolving Fund

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

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

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

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

**SWRCB** State Water Resources Control Board

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

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

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

**TMA:** Too many acronyms.

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

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

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

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

**VE** Value Engineering

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

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

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

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

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

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

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

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

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

**Water table:** The top level of water stored underground.

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

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

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

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

**Xeriscape:** Landscaping that requires minimal water.