

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
February 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/81585659795> (Meeting ID: 815 8565 9795).

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. **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.

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

GENERAL MANAGER ACTION ITEMS

3. **Virtual or Hybrid Board Meetings per AB 361** (Reference Material Included)

The Board will consider approving the continuation of virtual or hybrid meetings pursuant to AB 361 for an additional 30 days based on findings that 1) the Board has considered 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.

Recommended Action: Staff recommends that the Board of Directors 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.

GENERAL MANAGER INFORMATION ITEMS

4. **AB 2449** (Reference Material Included)

Staff will review and comment on Assembly Bill 2449 and its effect on Brown Act requirements relative to virtual or remote attendance of El Toro Water District Board Meetings.

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)
 - a. Staff will review and comment on the Water Use Efficiency Report
9. **SOCWA Report** (Reference Material Included)
 - a. SOCWA P-2 Meeting – January 31, 2023
 - b. SOCWA Board Meeting – February 2, 2023
 - c. SOCWA Engineering Committee Meeting – February 9, 2023
 - d. SOCWA Special Meeting – February 17, 2023
 - e. SOCWA Finance Committee Meeting – February 21, 2023
 - f. IRWD Assignment of SOCWA Rights to ETWD
 - g. Trabuco Canyon Exit from SOCWA
10. **Municipal Water District Of Orange County (MWDOC) Report** (Reference Material Included)
 - a. MWDOC/MET Directors Workshop – February 1, 2023
 - b. MWDOC Planning/Operations Meeting – February 6, 2023
 - c. MWDOC Admin/Finance Meeting – February 8, 2023
 - d. MWDOC Water Policy Forum – February 9, 2023
 - e. MWDOC Board Meeting – February 15, 2023
 - f. MWDOC Managers Meeting – February 16, 2023
11. **OC WaterReuse Meeting** (Reference Material Included)
 - a. Report on the February 16, 2023 OC WaterReuse Meeting
12. **South Orange County Agencies Group Meeting** (Reference Material Included)
 - a. Report on the January 26, 2023 South Orange County Agencies Group Meeting

13. Local Agency Formation Commission (LAFCO) Report
(Reference Material Included)

- a. Report on the February 8, 2023 meeting - canceled

14. ISDOC Meetings Report (Reference Material Included)

- a. Report on the January 26, 2023 ISDOC Quarterly meeting
- b. Report on the February 7, 2023 ISDOC Executive Committee meeting

15. WACO Meetings Report (Reference Material Included)

- a. Report on the February 3, 2023 WACO meeting
- b. Report on the February 21, 2023 WACO Planning meeting

COMMITTEE AND GENERAL INFORMATION

16. Dates to Remember for February/March 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 (two matters).
- 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
January 26, 2023

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

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

Directors KAY HAVENS, MIKE GASKINS, MARK MONIN (zoom), KATHRYN FRESHLEY (zoom), 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, SCOTT HOPKINS, Operations Superintendent, JASON HAYDEN, CFO (zoom), MIKE MIAZGA, IT Manager, GILBERT J. GRANITO, General Counsel, and POLLY WELSCH, Recording Secretary.

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 Gaskins 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 MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the WACO meeting, the Pres/VP/GM meeting, the MWDOC Admin/Finance meeting, the WACO Planning meeting, the MWDOC Board meeting, the OCWA luncheon, two Lake Forest City Council meetings, and the regular ETWD Board meetings.

Director Gaskins stated that he attended the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the ISDOC Quarterly meeting, WACO, the regular ETWD Board meetings, the South County Agencies meeting, the OCWA luncheon, and the SOCWA Board meeting.

President Freshley stated that she attended the CASA conference, the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the MWDOC Board meeting, two LAFCO meetings, the RRC meeting, the SOCWA Board meeting, the SOCWA PC-2 meeting, the SOCWA/SMNW/MNWD joint meeting, the OCWA luncheon, the Laguna Woods City Council meeting, the MET Board Chair reception, and the regular ETWD Board meetings.

President Havens stated that she attended the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, WACO, the Pres/VP/GM meeting, the MWDOC Admin/Finance meeting, a Laguna Woods Third Landscape Committee, the MWDOC Board meeting, Agenda Review, the OCWA luncheon, the South County Agencies meeting, and the regular ETWD Board meetings.

Director Monin stated that he attended WACO, WACO Planning, the CASA conference, the MWDOC/MET Directors workshop, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the OCWA luncheon, the Lake Forest City Council meeting, the ISDOC Quarterly meeting, the ISDOC Executive Committee meeting, the Laguna Woods City Council meeting, 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 next month we will have a presentation on AB2449 impacts and requirements to allow Board members to participate remotely.

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Vice President Vergara 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

Resolution No. 23-1-2 Modifying Standing and External Organization Board and Staff

Assignments for Calendar Year 2023

President Havens asked for a Motion.

Motion: Vice President Vergara made a Motion, seconded by Director Gaskins and unanimously carried across the Board to approve Resolution No. 23-1-2 modifying Standing and External Organization Board and staff Assignments for calendar year 2023.

Roll Call Vote:

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

General Manager Information Items

General Manager's Monthly Report

Mr. Cafferty stated that pricing and lead times have increased on the Boom Truck, and staff is checking on a possible alternative vehicle at a better cost and earlier delivery.

President Havens stated that on page 25 the Nitrite levels in Laguna Hills seem high. Mr. Cafferty stated that staff routinely flushes the system in the area to manage Nitrites and is working with the Master Plan consultant to identify options to improve water quality in the Laguna Hills area.

Director Gaskins stated that the R-2 chlorine levels appear to be high. Mr. Cafferty replied that between 2.0 and 2.5 is normal.

2023 JPIA Executive Committee Election Notice

Mr. Cafferty stated that JPIA is soliciting interest for anyone wanting to be on the JPIA Executive Committee.

Legislative Reports

There were no comments.

Public Education and Outreach Report

Ms. Seitz stated that the next CAG meeting will be February 9th and topics will be an update on water supply and water/wastewater projects.

Ms. Seitz stated that Mr. Cafferty participated in a water conservation panel in Laguna Woods Village on December 16th. She further stated that he also participated as a panelist on the South Orange County Economic Coalition Western Water Challenges and Opportunities for Orange County program.

Ms. Seitz stated that the Children's Water Education Festival is returning in person at UCI March 29-30.

Ms. Seitz stated that she met with Eileen Paulin of VMS and Ann Beltran and Mary Sinclair of Concerned Citizens of Laguna Woods Village on promoting residential water use efficiency in LWV.

Ms. Seitz stated that she developed a video plan with Rock Spark Communications staff and is evaluating the plan costs to develop four 60-second videos and a video tour of the WRP.

Ms. Seitz stated that she is working with the County of Orange on finalizing the permit issuance and signage for the Adopt a Channel.

Water Use Efficiency Report

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

President Havens asked what happens with the process when customers go ahead and work on a project and haven't applied for the rebate. Mr. Vu replied that staff works with our customers on the terms and conditions of applying for a rebate through MWDOC.

SOCWA Reports

Director Freshley stated that the proposal regarding the future of SOCWA, prepared by MNWD and SMWD, was distributed to the Board.

Mr. Cafferty stated that Trabuco Canyon Water District has also expressed an interest to depart from SOCWA.

MWDOC Reports

President Havens stated that there was discussion on the breakroom remodel at the MWDOC Board meeting in December. She further stated that Karl Seckel was appointed to be the MWDOC Representative on the MET Board.

President Havens stated that there was discussion on the OC Grand Jury deal points.

Mr. Cafferty stated that MWDOC and OCWD are planning a joint Board retreat to work towards a better working relationship.

LAFCO

Director Freshley stated that LAFCO is in the process of updating MWDOC's MSR. She further stated that Doug Davert was reappointed as Chair and Don Wagner as Vice Chair.

ISDOC

Mr. Cafferty stated that they still have a vacancy for Secretary and for Third Vice President.

WACO

Vice President Vergara stated that there was a presentation on earthquakes response and recovery.

COMMITTEE AND GENERAL INFORMATION

Dates to Remember for January/February 2023

There were no comments.

Comments Regarding Non-Agenda Items

Director Freshley stated that she had an interesting conversation at the CASA conference with Mr. Wyatt Trexel who has been in the sewer industry nearly 50 years and has toured our Plant in the past. She further stated that they are doing research online monitoring discharge for DNA to determine if there are any infections in the wastewater that could contribute to health issues.

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 9:00 a.m. the Board took a short recess.

Regular Session

At approximately 9:05 a.m. the Board returned to Regular Session.

Closed Session

At approximately 9:05 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 and General Counsel.

Open Session Report

At approximately 9:25 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. 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 9:26 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



STAFF REPORT

To: Board of Directors

Meeting Date: February 23, 2023

From: Dennis Cafferty, General Manager

Subject: Virtual or Hybrid Board Meetings per AB 361

At the July 28, 2022 Board meeting, pursuant to AB 361, the Board of Directors adopted Resolution No. 22-7-4 and authorized the Board to hold virtual or hybrid meetings based upon the continued state of emergency for COVID-19 and the finding that state and local officials have imposed or recommended measures to promote social distancing. If the Board wishes to continue to hold virtual or hybrid meetings pursuant to AB 361, and assuming a state of emergency still is in place, it must make similar findings within every 30 days. At the time this report was prepared, there is a continued state of emergency for COVID-19 and state and local officials continue to recommend measures to promote social distancing. This item is on the Agenda for the Board to consider whether to continue virtual or hybrid meetings pursuant to AB 361 for an additional 30 days and to make the appropriate findings.

Recommended Action: Staff recommends that the Board of Directors 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.



STAFF REPORT

To: Board of Directors

Meeting Date: February 23, 2023

From: Dennis Cafferty, General Manager

Subject: Assembly Bill No. 2449

The existing Ralph M. Brown Act defines requirements associated with the participation in meetings of a legislative body (Board). The Brown Act currently allows for meetings to occur via teleconferencing subject to the following requirements:

- Each teleconference location of each member that will be participating in the public meeting must be noticed.
- Each teleconference location must be accessible to the public.
- Members of the public must be allowed to address the Board at each teleconference location.
- An agenda must be posted at each teleconference location.
- At least a quorum of the Board must participate from locations within the District's service area.

On September 16, 2021 the Governor of California approved Assembly Bill No. 361 that suspended certain of the Brown Act requirements relative to the use of teleconferencing for Board meetings. The use of teleconferencing without complying with the typical requirements of the Brown Act were conditioned upon findings, among others, that there was a proclaimed state of emergency.

On October 17, 2022 the Governor announced that the COVID-19 State of Emergency will end on February 28, 2023. At that point public meetings will no longer be able to be conducted under the exceptions provided by AB-361.

On September 13, 2022, the Governor approved Assembly Bill No. 2449 that revises and recasts the Brown Act teleconferencing provisions and, until January 1, 2026, would authorize a local agency to use teleconferencing without complying with the teleconferencing requirements that each teleconference location be identified in the notice and agenda and that each teleconference location be accessible to the public. Assembly Bill No. 2449 went into effect on January 1, 2023.

The amendments to the Brown Act teleconferencing requirements defined in Assembly Bill No. 2449 are summarized as follows:

- A quorum of the Board must participate in person at a singular physical location defined in the meeting agenda.
- Remote access must be provided to the public with access to the remote meeting described in the posted agenda.
- The public must be provided either a two-way audiovisual platform or two-way telephonic service and a live webcasting of the meeting to allow the public to remotely hear and visually observe the meeting, and remotely address the Board.
- If the remote access technology fails during the meeting no further action can be taken.
- An individual Board member may participate in the Board meeting remotely only if one of the following circumstances applies:
 - The Board member notifies the Board of their need to participate remotely for “just cause” including a general description of the circumstances relating to their need to appear remotely at the given meeting.
 - “Just cause” is defined as one or more of the following:
 - A childcare or caregiving need of a child, parent, grandparent, grandchild, sibling, spouse, or domestic partner that requires them to participate remotely
 - A contagious illness that prevents a member from attending in person
 - A need related to a physical or mental disability
 - Travel while on official business of the District
 - The “just cause” exception can only be used by any Board member for two meetings per calendar year.
 - No action is required by the Board in the event a Board member notifies the Board of “just cause”.
 - The Board member requests the Board allow them to participate in the meeting remotely due to “emergency circumstances”.
 - “Emergency circumstances” means a physical or family medical emergency that prevents a Board member from attending in person.
 - The Board member must provide a general description of the circumstances relating to their need to appear remotely at the given meeting.
 - The Board must take action to approve the request.

- If the request does not allow sufficient time to place proposed action on such a request on the posted agenda for the meeting for which the request is made, the Board must take action to add the request to the agenda at the beginning of the meeting.
- In the event a Board member is participating remotely due to “just cause” or “emergency circumstances”, the following requirements must also be met:
 - The Board member shall publicly disclose at the meeting before any action is taken, whether any other individuals 18 years of age or older are present in the room at the remote location with the member, and the general nature of the member’s relationship with any such individuals.
 - The Board member shall participate through both audio and visual technology.
 - No Board member may participate in meetings of the Board solely by teleconference from a remote location for a period of more than three consecutive months or 20 percent of the regular meetings of the Board within a calendar year. The District conducts two regular Board meetings each month so the 20 percent limit equates to no more than 4 meetings in a calendar year.

The AB 2449 exceptions remain in effect until January 1, 2026.

GENERAL MANAGER'S REPORT

February 2023

I. OFFICE OF THE GENERAL MANAGER

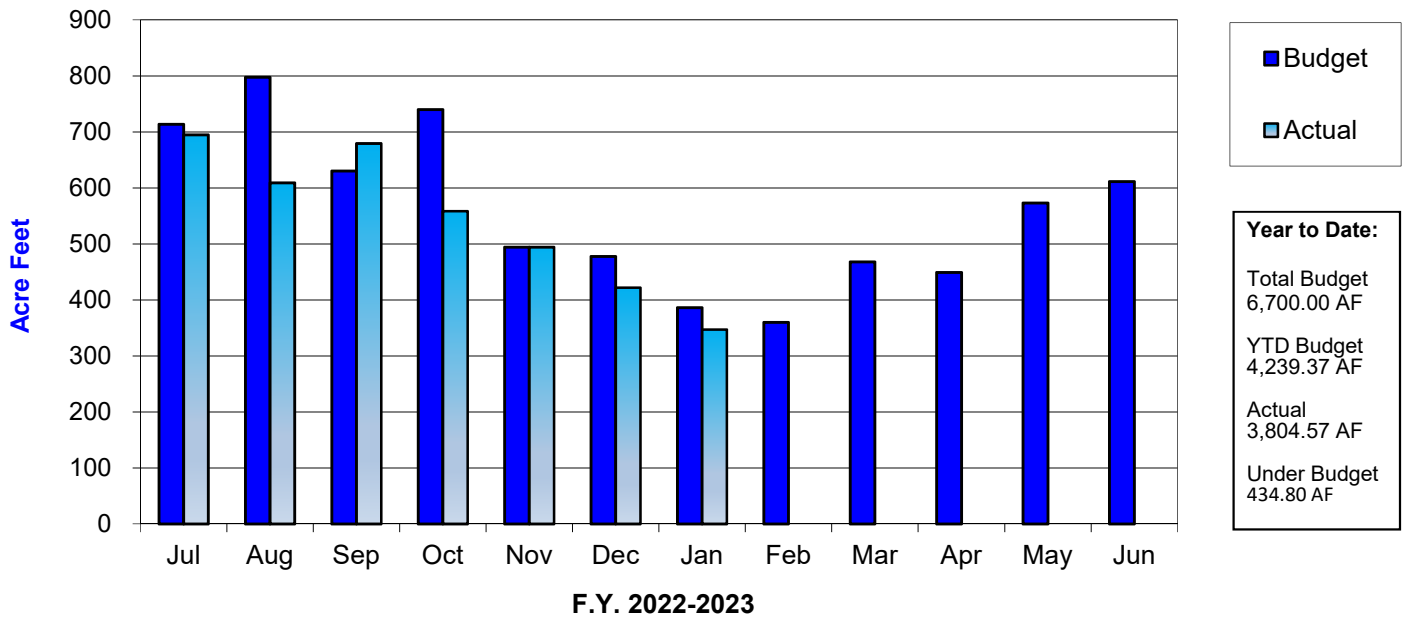
- MWDOC Planning & Operations Committee Meeting
- MWDOC Administration & Finance Committee Meeting
- MWDOC/MET Directors Workshop
- MWDOC Board Meeting
- MWDOC Managers Meeting
- MWDOC Water Policy Forum
- MWDOC / OCWD Joint Planning Committee Meeting
- MWDOC Water Shortage Allocation Plan Planning Meeting
- Reception for Adan Ortega
- WACO Meeting
- ISDOC General Manager Meeting
- OCWD / OCSD GWRS Presentation
- South Orange County Agencies Group Meeting
- SOCWA Board Meeting
- SOCWA PC 2 Meeting
- SOCWA Engineering Committee Meeting
- Meeting with TCWD General Manager – Fernando Paludi
- Meeting with SCWD Director Scott Goldman
- LRP Audit Kickoff Meeting
- JRWSS Quarterly Meeting
- R-6 Cover & Liner Replacement Project Construction Meetings
- Filtration Plant Demolition Project Construction Meetings
- ETWD Agenda Review Meeting
- ETWD RRC Meeting
- ETWD President/VP/GM Meetings
- ETWD Regular Engineering & Finance Committee Meetings
- ETWD Regular Board Meeting
- ETWD All Employee Meeting
- Community Advisory Group Meeting

II. DOMESTIC AND RECYCLED WATER SALES

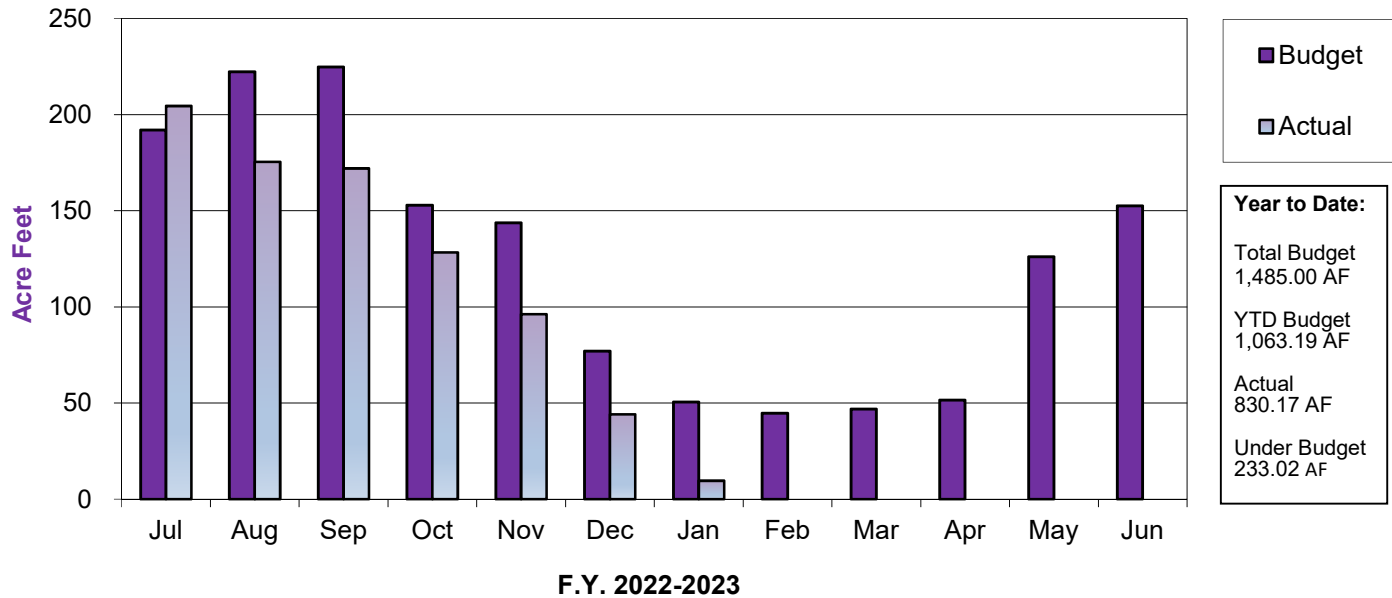
Actual domestic sales for the year-to-date as of January 31, 2023 are 3,804.57 acre-feet. This compares to year-to-date budgeted domestic sales of 4,239.37 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 434.80 acre-feet. Actual sales are 300.62 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of January 31, 2023 are 830.17 acre-feet. This compares to year-to-date budgeted recycled sales of 1,063.19 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 233.02 acre-feet. Actual sales are 157.00 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	JAN 2023	JAN 2022	Telephone Calls	JAN 2023	JAN 2022
Serviceman Dispatched to Read, Connect/Disconnect Service	99	64	Change of Service: Connections and Disconnections	51	61
Field Investigations:			Billing / Payments & Graph Inquires	109	125
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	14	1
Customer Responsible	24	17			
District Responsible	4	6	Variance / Adjustment Inquiries	10	14
None found/other	4	10	Variance / Adjustment Requests Processed	13	15
High Reads Checked - High Consumption (Billing Dept.)	8	48	Ordinance Infraction / Water Waste Complaints	1	1
Cust Leaks: _8_ No Leaks: __					
Check Stopped Slowed Meters-Low Consumption (Billing)	7	16	Outside Utility Districts	20	31
Re-Check Read	9	4	Phone calls Transfer to other Departments within ETWD	36	31
Ordinance Infraction	0	1	Phone calls for the Board of Directors	0	0
Recycled Water	0	0	Recycled Water	0	0
Water Quality: Taste / Odor / Color	0	2	Water Quality Taste - Odor - Color	1	1
Phone response: _0_ Field response: _1_			Leaks / Breaks	16	10
Flooding (Hydrant) Meters issued	0	1	Flooding Meter calls (Hydrant)	1	2
Sewer - Odor/Stoppage/ Manhole Covers	2	2	Sewer Problems (odor / spills)	1	1
Meter Box: Lids / Covers Replaced	29	15			
Meter Box Clean, Digout	3	1	Backflow / Cross Connection (questions or yearly testing forms)	1	0
			ETWD facilities inquiries:		
Raised Meter Box	1	1	Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	0	4
Trim Bushes / Meter Obstruction	5	26			
General Maintenance Response	9	7	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	0
Fire Hydrants: Hit / Leaks / Caps	1	2	ATT Calls (access to tower sites)	0	0
Pressure(psi) Checks / Reads	3	2	SCE Calls (access to tower sites)	0	1
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	7	7	Pager Calls specifically for Pump Stations - SCADA	0	0
AMS angle-meter-stop replace/repair	0	3			
Bees Removed	1	0			
Backflow / Cross Connection	5	1	Payment Extensions	33	4
			Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	48	227
Fogged Registers	23	27	Return Calls from customers left on our voice mail system. Ext 500	5	6
OMCOP: Old Meter Change - Out Program	0	2	Email Correspondence:	85	74
Other: (uncommon non-maintenance calls)	6	9	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	1	7
On-Call After Hrs. CS Response	27	9	Misc. (other: employment, deliveries, sales calls)	7	17
# Posting Notice & 24 Hr. Door Hangers Hung	115	0			
#Shut Offs/Disconnect for Non-Payment (DNP)	21	0	Payment Processing Fee Complaints	0	0
			Customers Complaints non bill related.	0	
Removed Meter	5	0	Billing Disputes	0	
New Meter	1	0			
Unread Meters	2	7			
Total Field Investigations	421	290	Total Telephone Calls	453	633
Uncollectible Accounts:			Credit Card Payments	JAN 2023	JAN 2022
Budget YTD	\$11,668.00	\$11,668.00	REGULAR	1,263	\$202,661.67
Actual YTD	\$ 9,756.00	\$ 1,199.00		1,085	\$169,929.98

(WRP) Tertiary Treatment Plant

January-23

Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q, MGD	0.003	0.063	0.107	0.173
Total Q, MG	0.079	1.946	3.328	5.353
Total Acre Feet	0.242	5.972	10.213	16.427
Note: No potable water was used to supplement the demand for recycled water in January				

Weekly Water Quality System Status

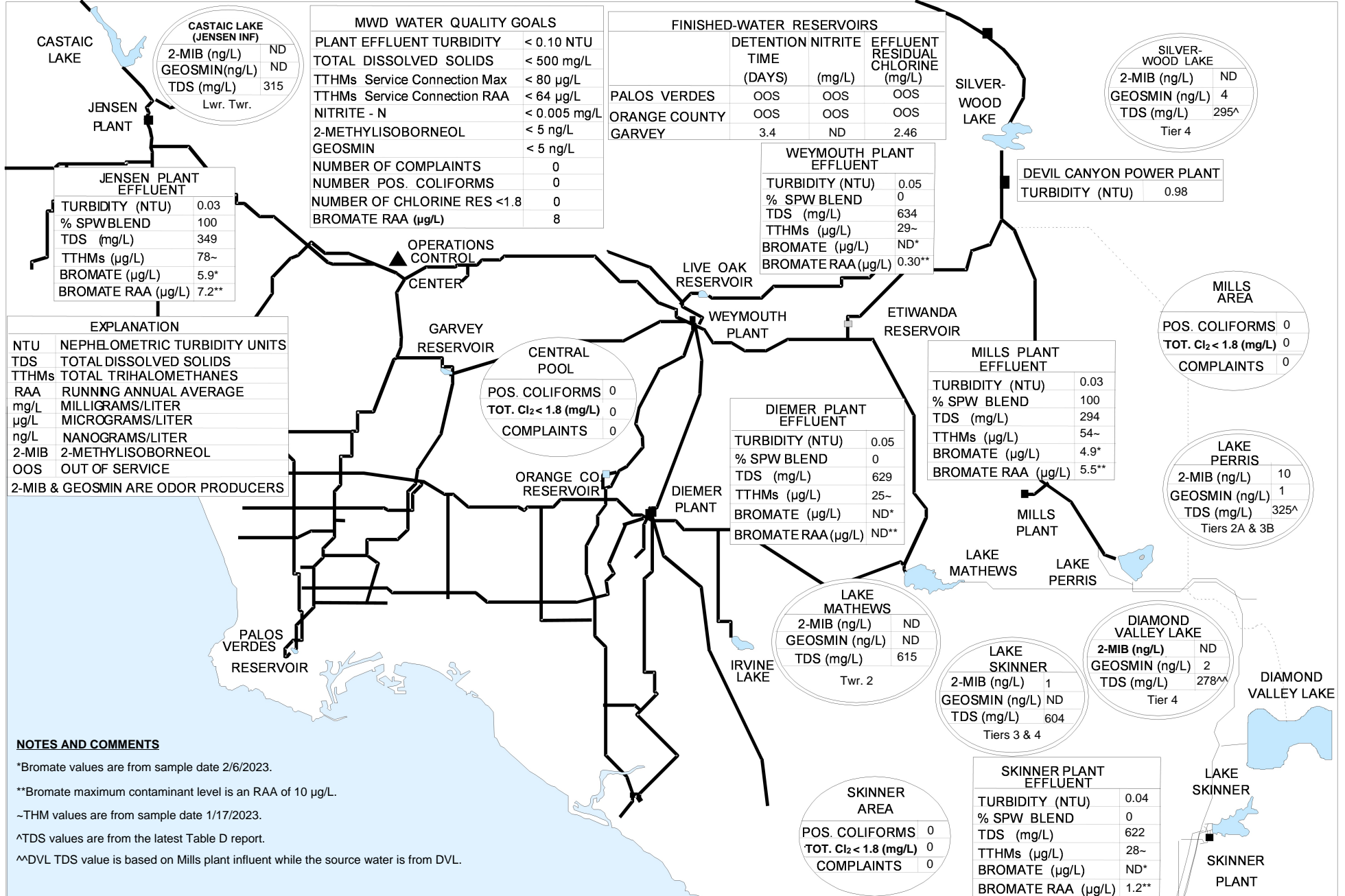
Wednesday, February 15, 2023

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THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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



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

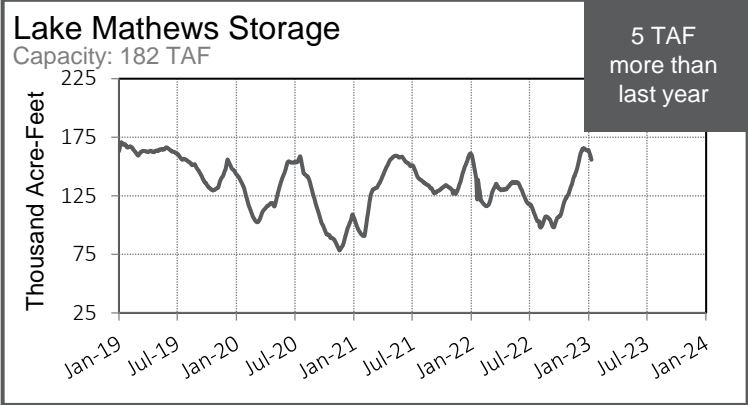
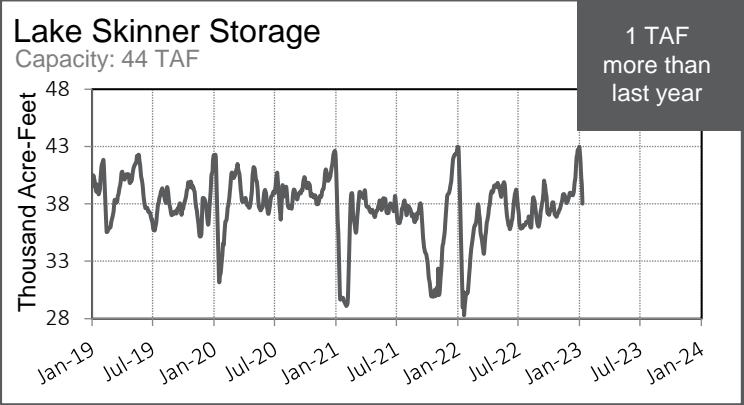
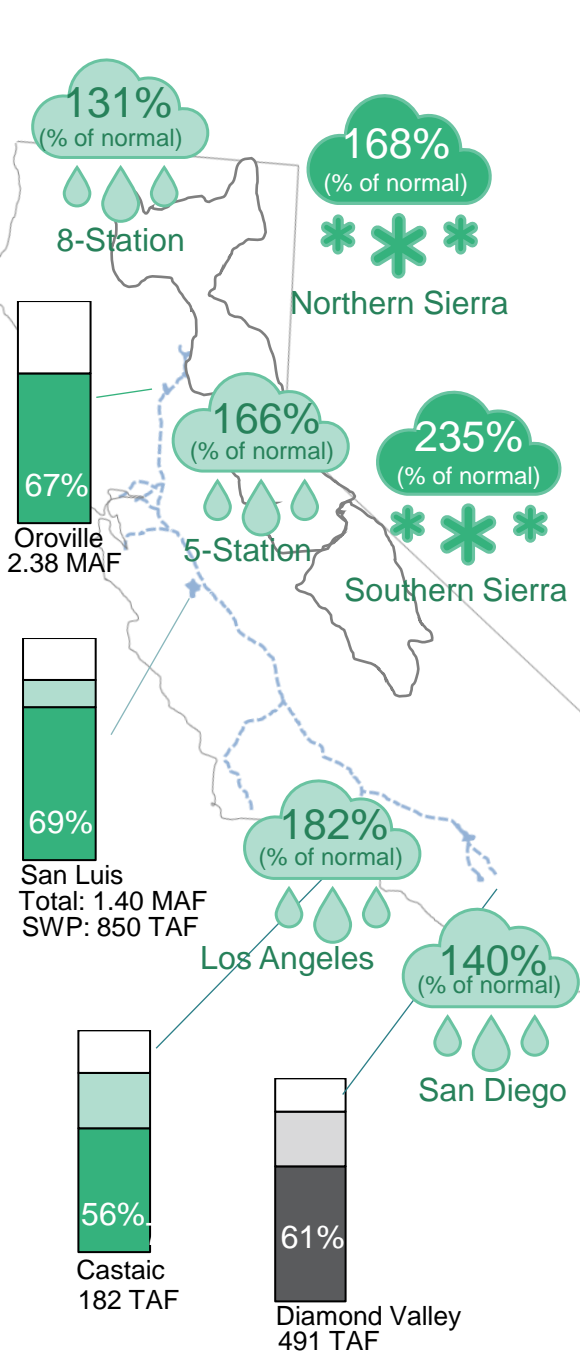
WATER QUALITY INFORMATION LINE: (800) 354-4420
VISIT MWD ON THE WEB AT <http://www.mwdh2o.com>



SWP Table A – 30% - 573,450 AF

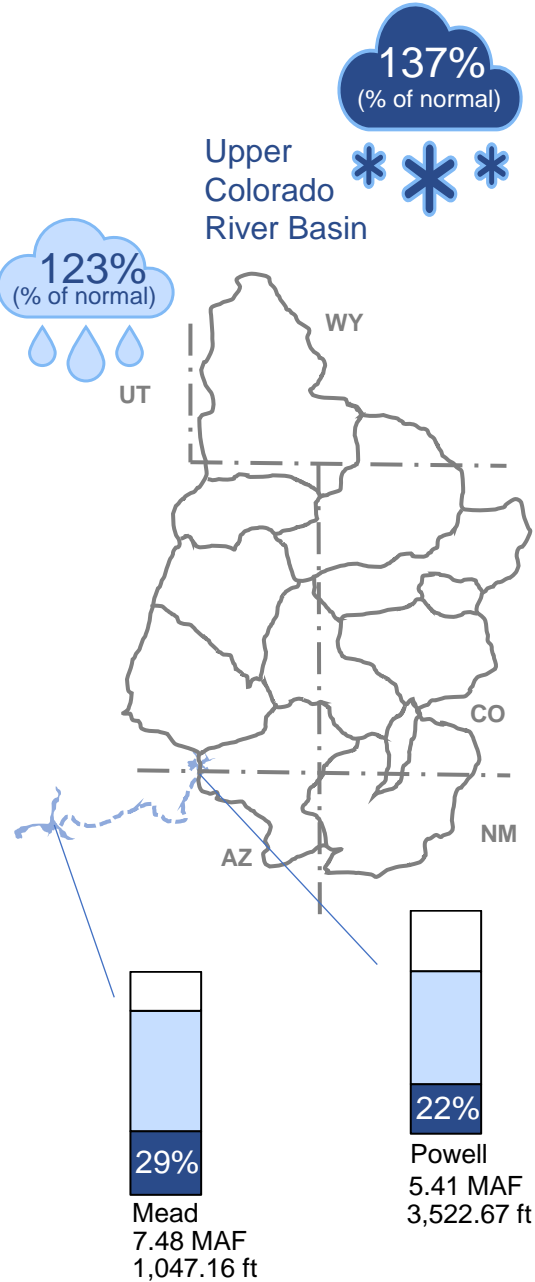
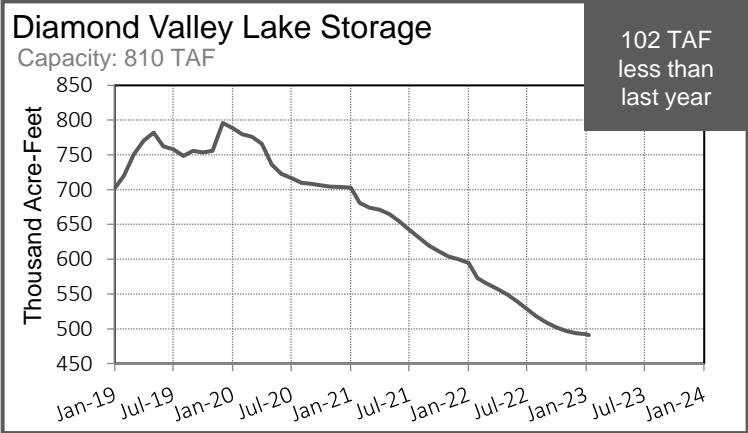
Projected CRA Diversions – 971,000 AF

Metropolitan Resources



MWD WSDM Storage
Calendar Year 2023

	2023 Take Capacity
Colorado River Aqueduct Delivery System	TBD
State Water Project System	102 TAF
In-Region Supplies and WSDM Actions	329 TAF
Other Programs	25 TAF
Total WSDM Projected Storage Take	456 TAF



Highlights

- Sacramento River runoff median forecast increased to 20.0 MAF or 113% of normal
- Oroville reservoir is at 67% of capacity or 745 TAF more in storage than this time last year
- SWP Allocation is 30% of Table A

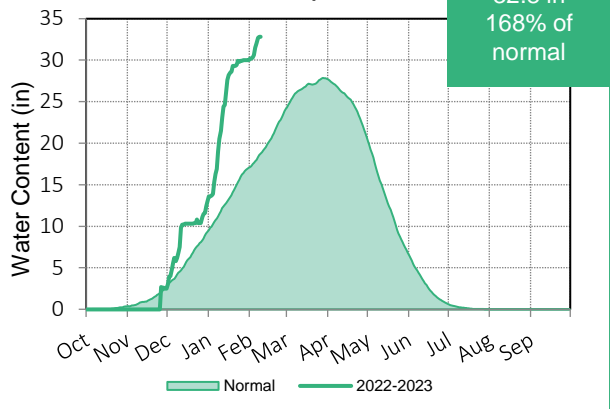


This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state,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

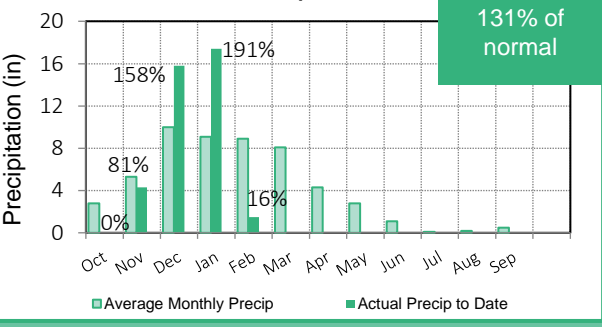
State Water Project Resources

As of: 02/08/2023

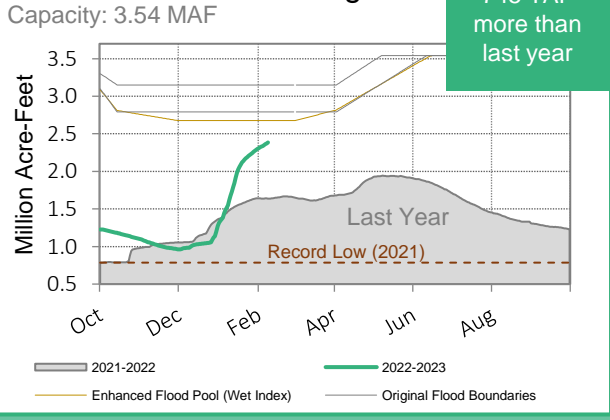
Northern Sierra Snowpack



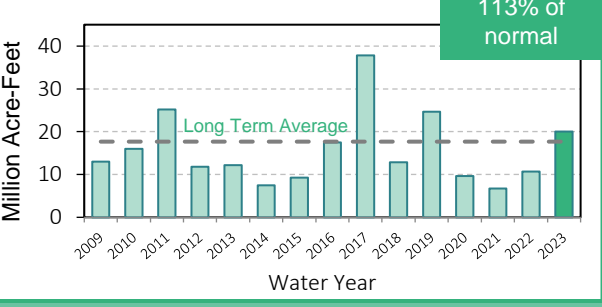
8 Station Index Precipitation



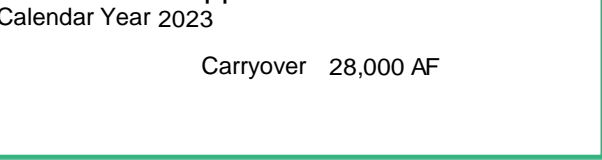
Oroville Reservoir Storage



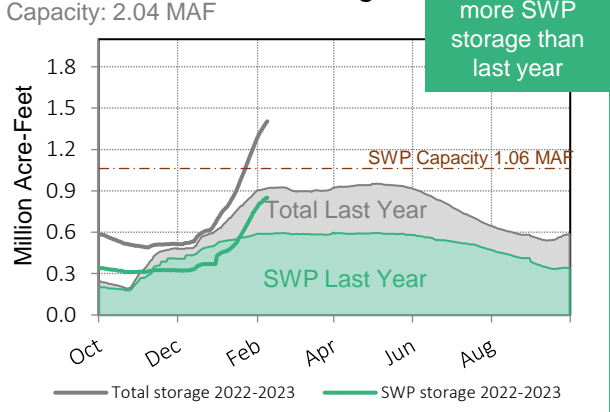
Sacramento River Runoff



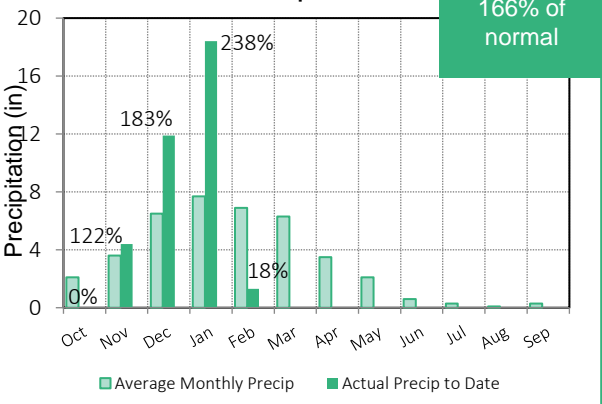
Other SWP Supplies



San Luis Reservoir Storage



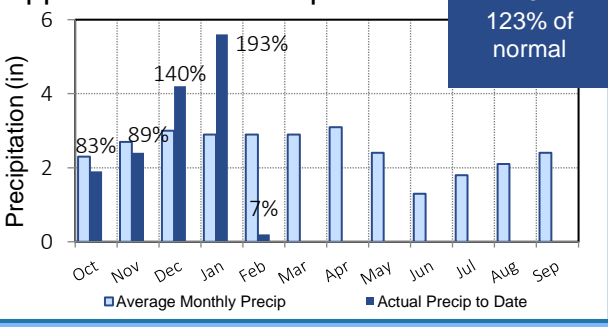
5 Station Index Precipitation



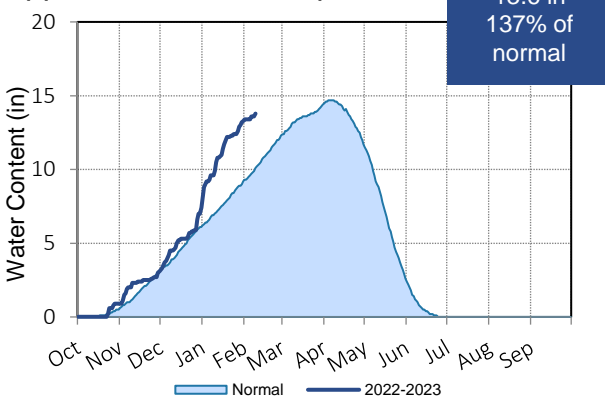
Colorado River Resources

As of: 02/08/2023

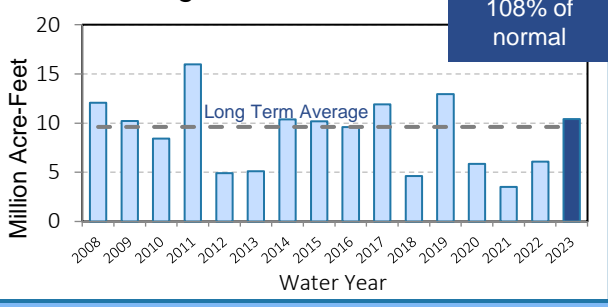
Upper Colorado Precipitation



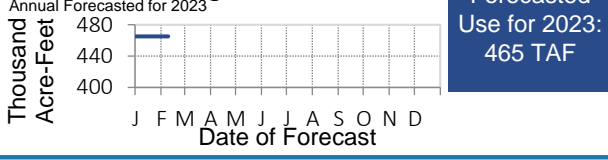
Upper Colorado Snowpack



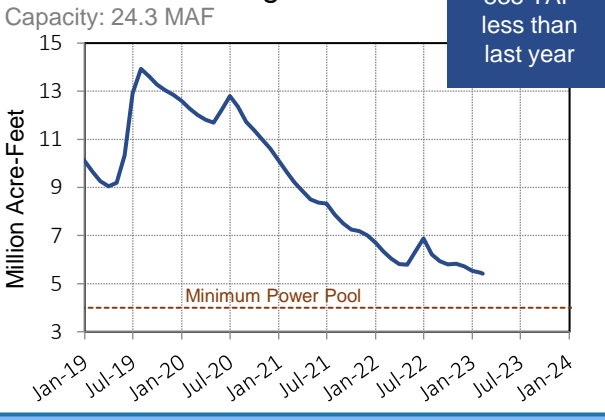
Powell Unregulated Inflow



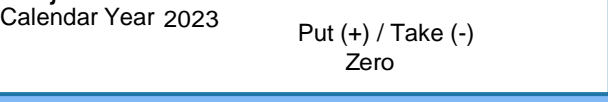
PVID/Yuma Agricultural Use



Lake Powell Storage



Projected Lake Mead ICS

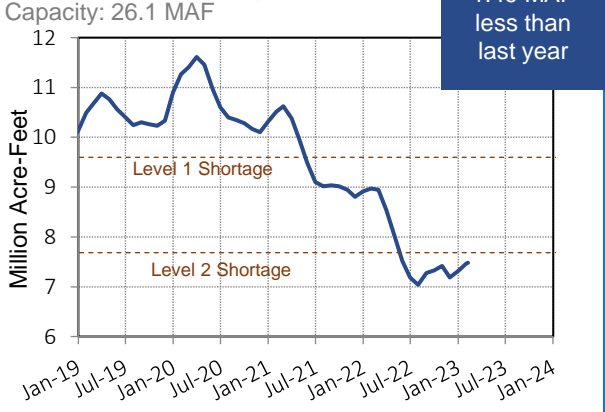


Lake Mead Surplus/Shortage Outlook

	2023	2024	2025	2026
Surplus	0%	0%	0%	0%
Shortage	100%	93%	100%	93%
Metropolitan	77%	71%	67%	
DCP*	282 TAF	302 TAF	293 TAF	

Likelihood based on results from the August 2022 CRMMS 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



MICROBIOLOGICAL MONITORING

January 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

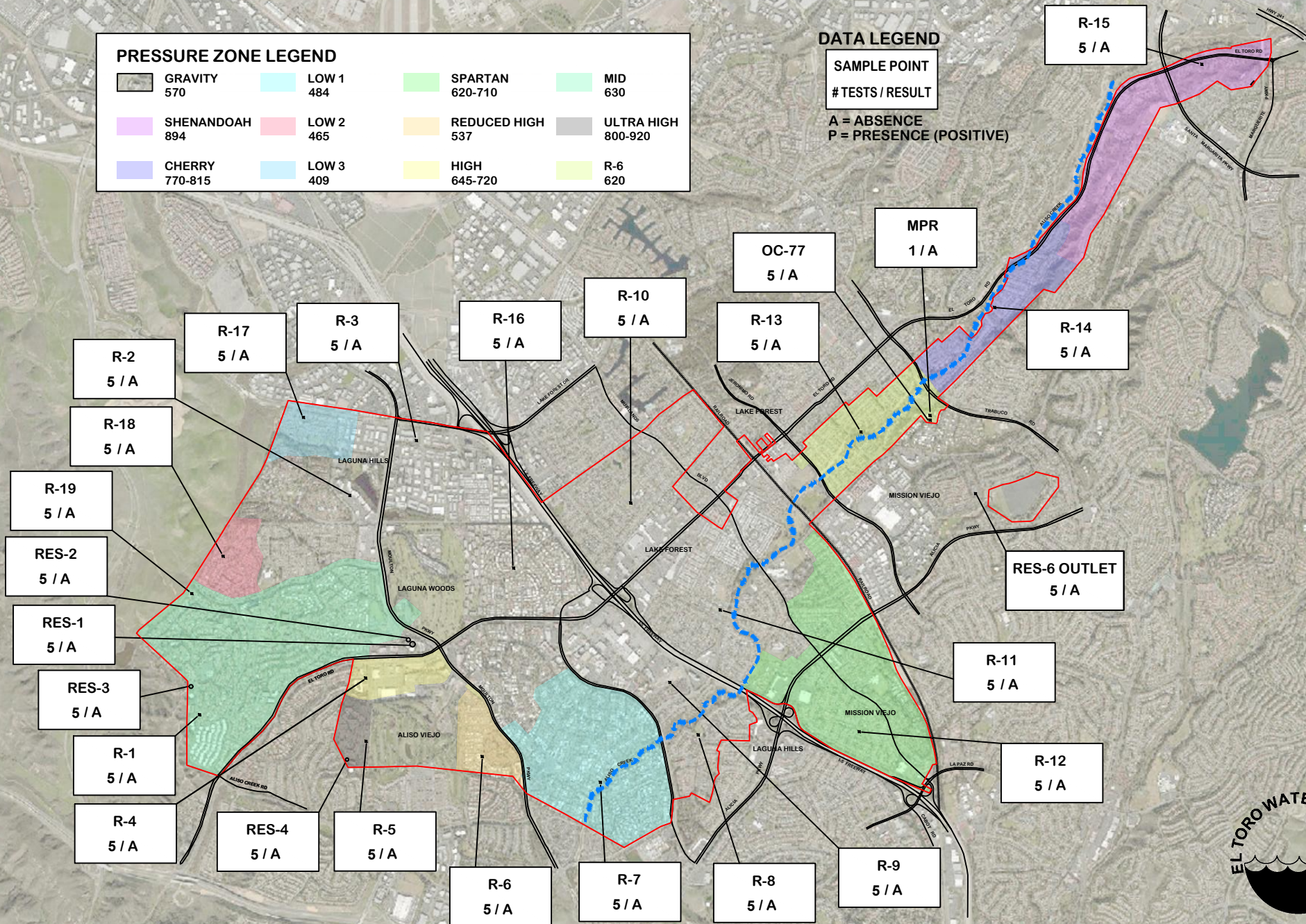
DATA LEGEND

SAMPLE POINT

TESTS / RESULT

A = ABSENCE

P = PRESENCE (POSITIVE)



CHLORINE RESIDUAL MONITORING

January 2023

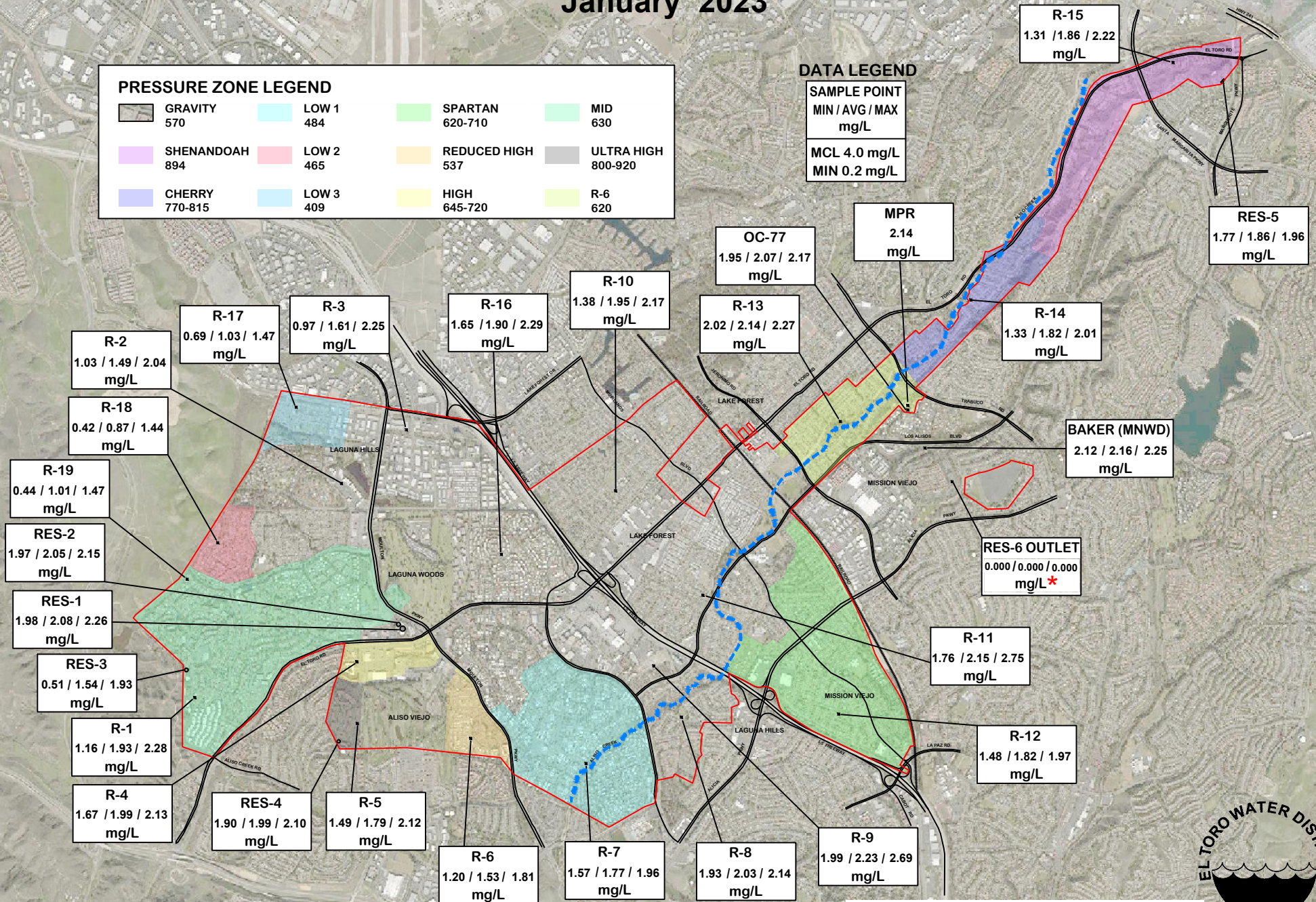
PRESSURE ZONE LEGEND

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

SAMPLE POINT
MIN / AVG / MAX
mg/L

MCL 4.0 mg/L
MIN 0.2 mg/L



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



FLUORIDE MONITORING

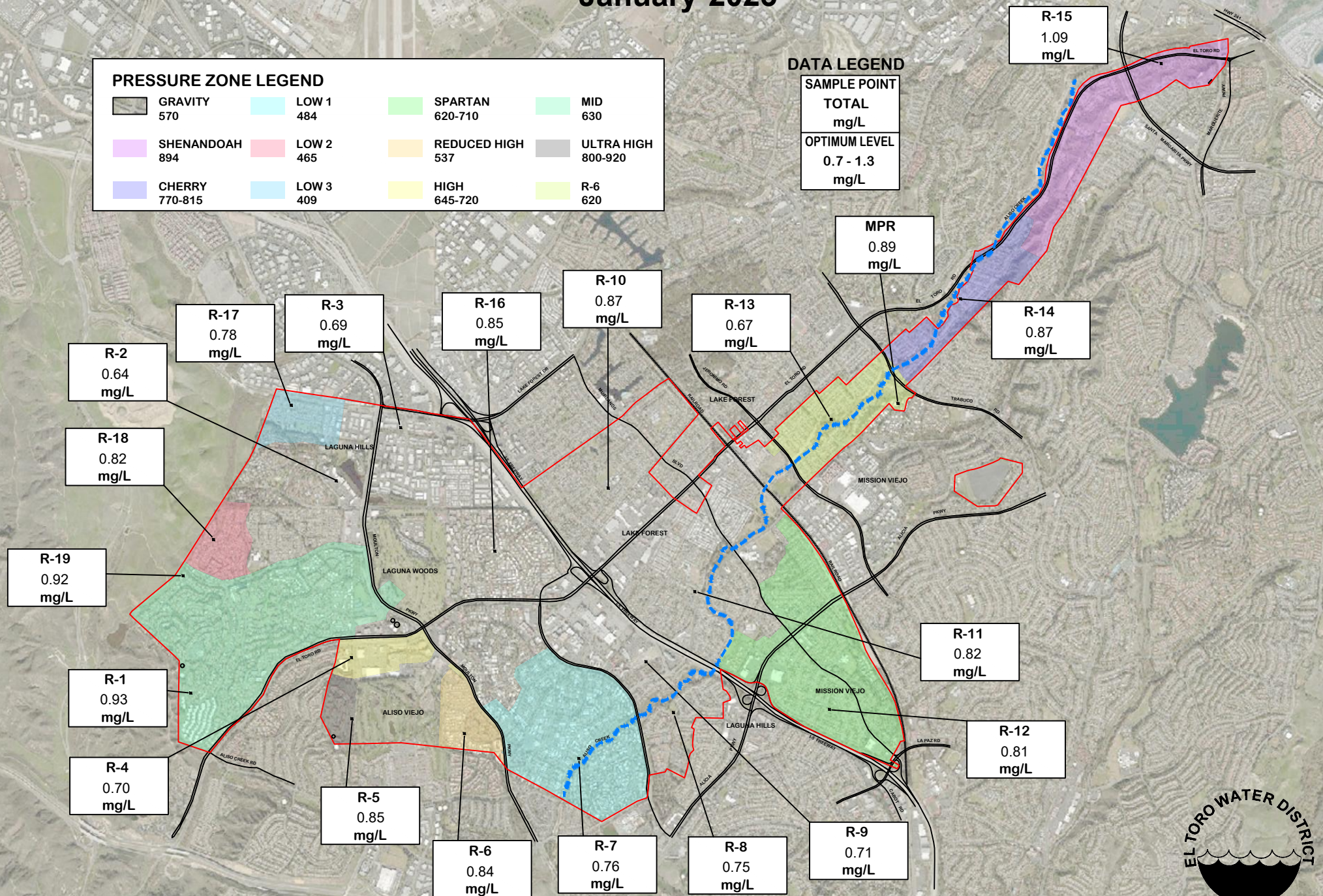
January 2023

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

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



NITRITE MONITORING

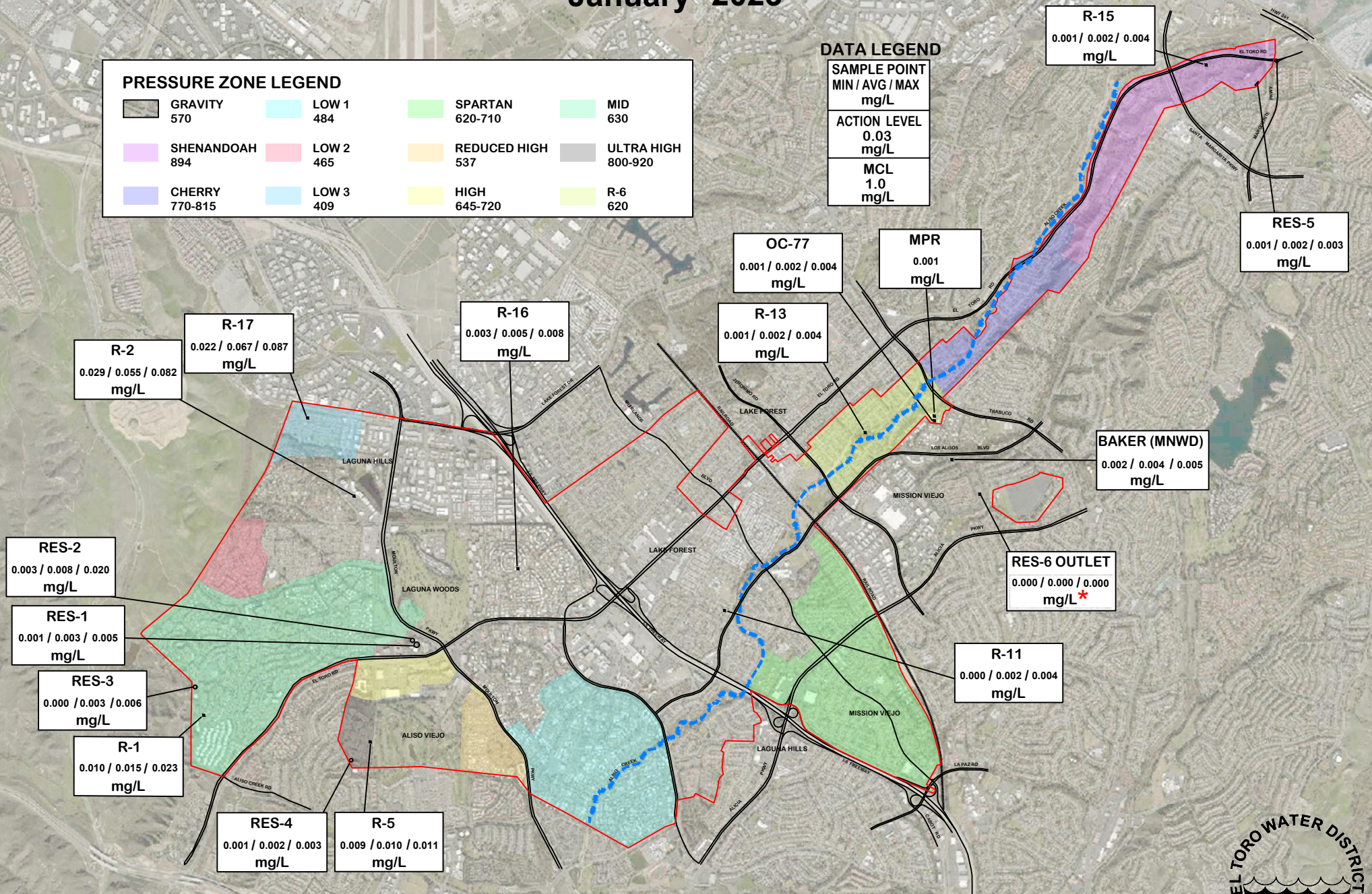
January 2023

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

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-biological activity within the finished or treated water system. MWD has developed an effective nitrification monitoring and prevention program which ETWD staff have adopted and incorporated into the District's daily water quality monitoring and action plan. The number and frequency of this type of monitoring is not currently regulated by CDPH. Staff monitor the level of nitrites in source water, reservoirs and the distribution system daily and weekly in conjunction with the microbiological and chlorine sampling program. A nitrite level of between 0.015 and 0.030 would signal an alert. > 0.030 would require action such as the addition of chlorine to produce a chloramine residual.

EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS					
MONTH:		JANUARY		YEAR : 2023	
CONSTITUENT ANALYSIS		INSIDE LAB		OUTSIDE LAB	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	167	Absence		Average
2 Chlorine (ppm)	Detectable Resid	116	Average = 1.73 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	0.00 to 0.06 Res.		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	60.0°F To 66.0°F		
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	114	0.000 to 0.007 Res.		

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

Abbreviations:

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

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

MONTH ENDING:

January

2023

ODOR COMPLAINTS	NUMBER	LOCATION, ORIGIN, ACTION:		
Outside Laguna Woods Village	1	22532 CATANIA LAGUNA HILLS		
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
Private System				
Other: WRP				
TOTAL	1			
ROOT FOAMING	FOOTAGE	CHEMICAL USED	CHEMICAL COST	COMMENTS:
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
Other				
TOTAL	0			
ROOT CUTTING	FOOTAGE	COMMENTS:		
Outside Laguna Woods Village				
Laguna Woods Village				
New World				
TOTAL	0			
HYDRO-CLEANING	FOOTAGE	COMMENTS:		
Outside Laguna Woods Village	43,448			
Laguna Woods Village	14,253			
New World	8,541			
Private System				
Hot Spots	25,374			
ETWD TOTALS:	91,616			
SANTA MARGARITA TOTALS:				
COMBINED TOTALS:	91,616			
TV INSPECTIONS	FOOTAGE	COMMENTS:		
Outside Laguna Woods Village	13,625			
Laguna Woods Village				
New World				
Private System				
Other				
TOTAL	13,625			
Wet Wells	Number	3	MATHIS, WESTLINE, FREEWAY	
Flow Meter/Sampling	Number			
WATER TANK FILLS	91	91,000		

WILL SERVE SUMMARY REPORT

January 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

January 2023

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



Memorandum

DATE: January 23, 2023
TO: Member Agencies – MWD OC Division Five
FROM: Randall Crane, Director – Division Five
SUBJECT: Monthly Water Usage Data, Tier 2 Projection & Water Supply Information

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

- OC Water Usage, Monthly by Supply **OCWD Groundwater was the main supply in November.**
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in November **2022 was well below average compared to the last 5 years.** We are projecting a decrease in overall water usage compared to FY 2021-22. On July 8th 2021, state officials have ask California residents to voluntary reduce their water usage by 15% compared to 2020 levels.
- Historical OC Water Consumption Orange County M & I water consumption is **projected to be 523,000 AF in FY 2022-23 (this includes ~11 TAF of agricultural usage and non-retail water agency usage).** This is about **23,000 AF less than FY 2021-22** and is about **37,000 AF less than FY 2020-21.** Water usage per person is projected to be slightly lower in **FY 2022-23 for Orange County at 148 gallons per day** (This includes recycled water usage). Although OC population has increased 20% over the past two decades, water usage has not increased, on average. A long-term decrease in per-capita water usage is attributed mostly to Water Use Efficiency (water conservation) efforts. **O.C. Water Usage 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.**

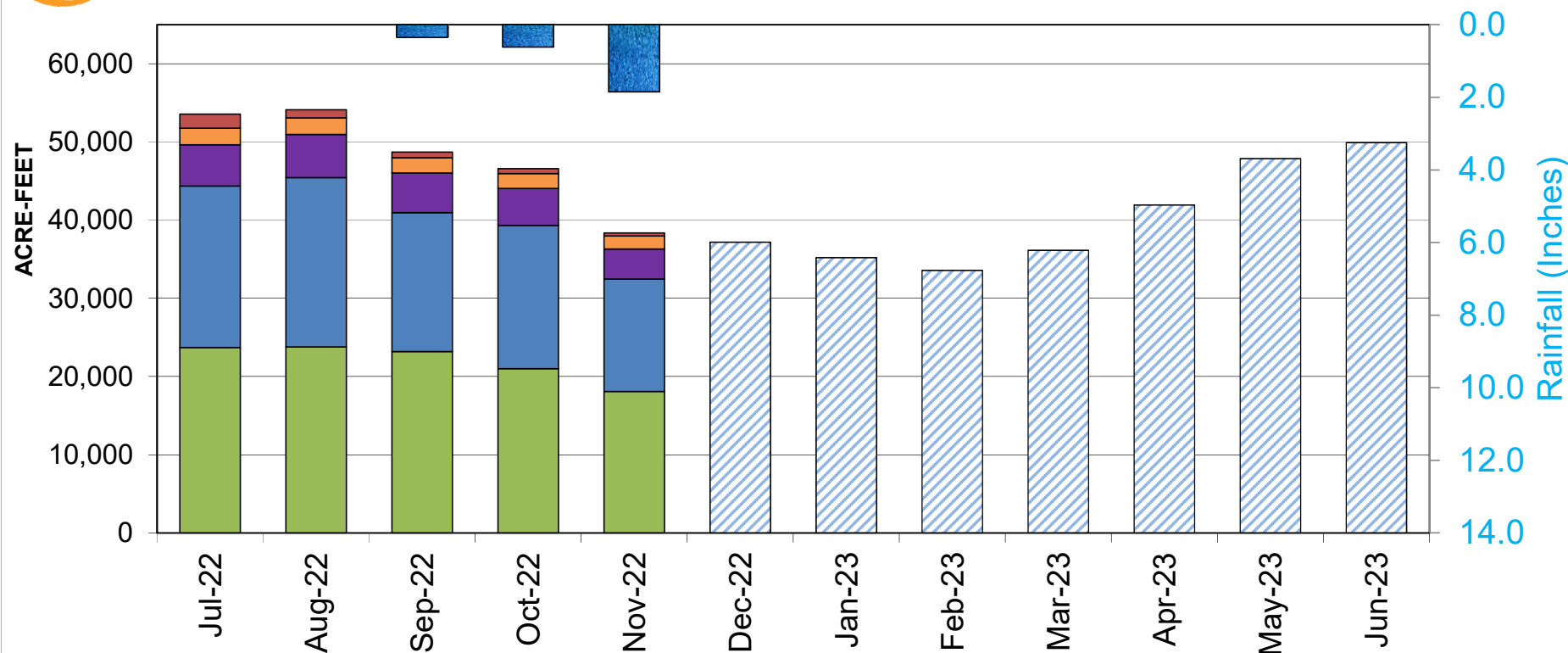
Water Supply Information Includes data on Rainfall in OC; the OCWD Basin overdraft; Northern California and Colorado River Basin hydrologic data; the State Water Project (SWP) Allocation, and regional storage volumes. The data have implications for the magnitude of supplies from the three watersheds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

- Orange County's accumulated precipitation through **early January was above average** for this period. Water year to date rainfall in Orange County is **7.01 inches**, which is **173% of normal.**

- Northern California accumulated precipitation through **early January was 121% 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 121% as of January 3rd, 2022**. **As of early January, 97.93% of California is experiencing moderate to severe drought conditions. 27.10% of California is experiencing extreme to exceptional drought conditions**. The State Water Project Contractors Table A Allocation was 5% as of January for WY 2023.
- Colorado River Basin accumulated precipitation through **early January was 119% of normal** for this period. The **Upper Colorado Basin snowpack was 122% of normal** as of January 3rd 2023. **Lake Mead and Lake Powell** combined have about **37.0% of their average storage volume** for this time of year and are at **25.6% 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 January was **30.03' BELOW the "trigger" limit**. The USBR has declared a **shortage on the Colorado River that started on January 1st 2022**. **There is a 100% chance of shortage continuing in 2023, 93% in 2024, 100% in 2025 and 93% in 2026**. Lake Mead as of early January was **1.81' BELOW the State of California "trigger" limit**. **There is a 0% chance of mandatory cutbacks for California in 2023, 77% in 2024 (-282 TAF), 71% in 2025 (-302 TAF) and 67% in 2026 (-293 TAF)**.



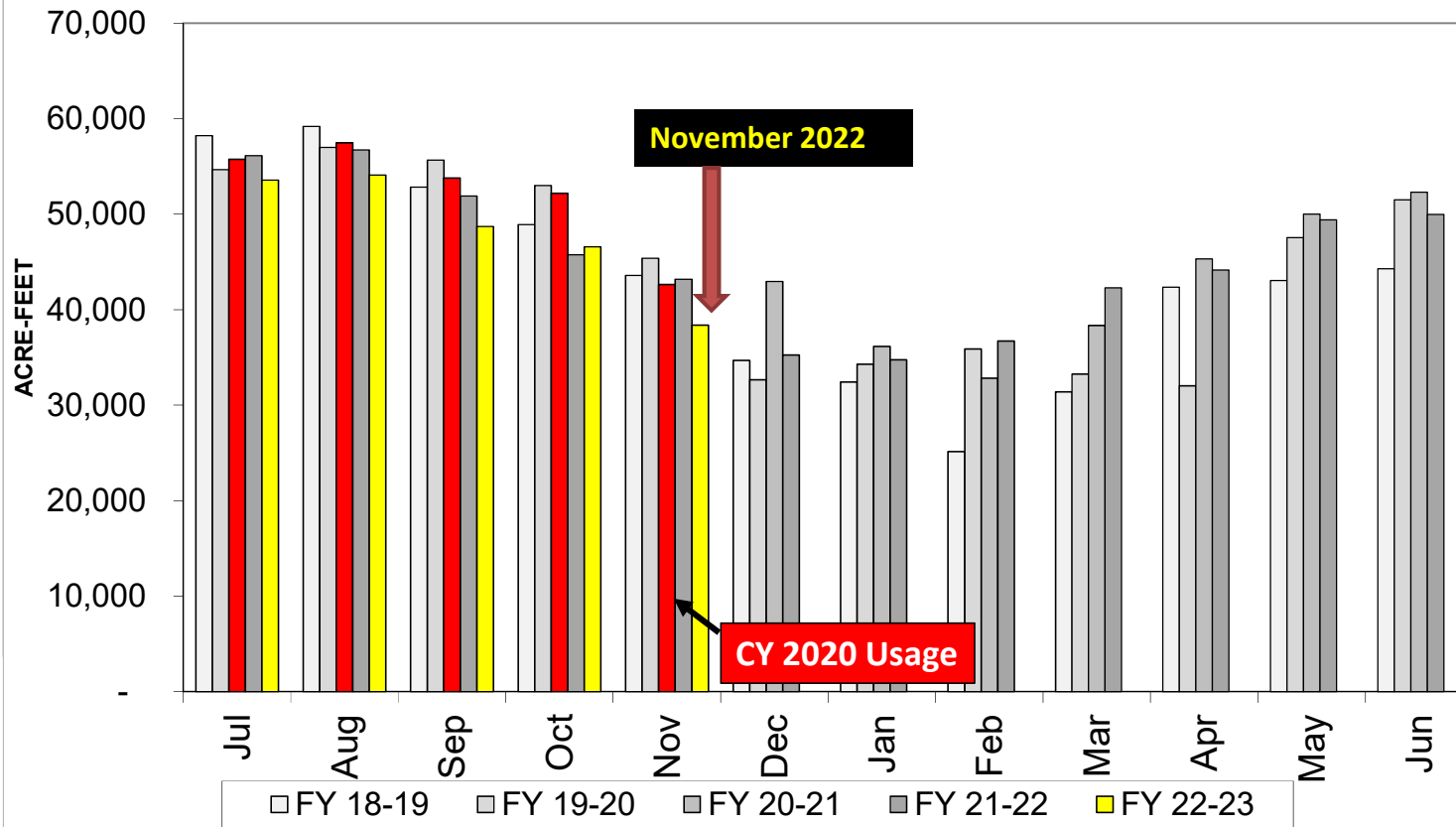
**Fig. 1 OC Water Usage, Monthly by Supply
with projection to end of fiscal year**



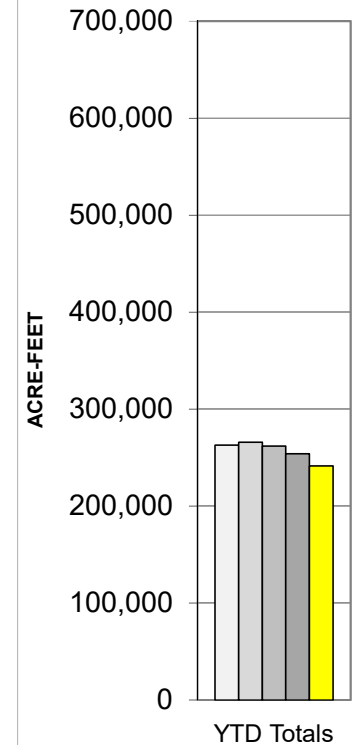
- [1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water and deliveries into Irvine Lake.
- [2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '22-23 is 77%.
- [3] MWD OC'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

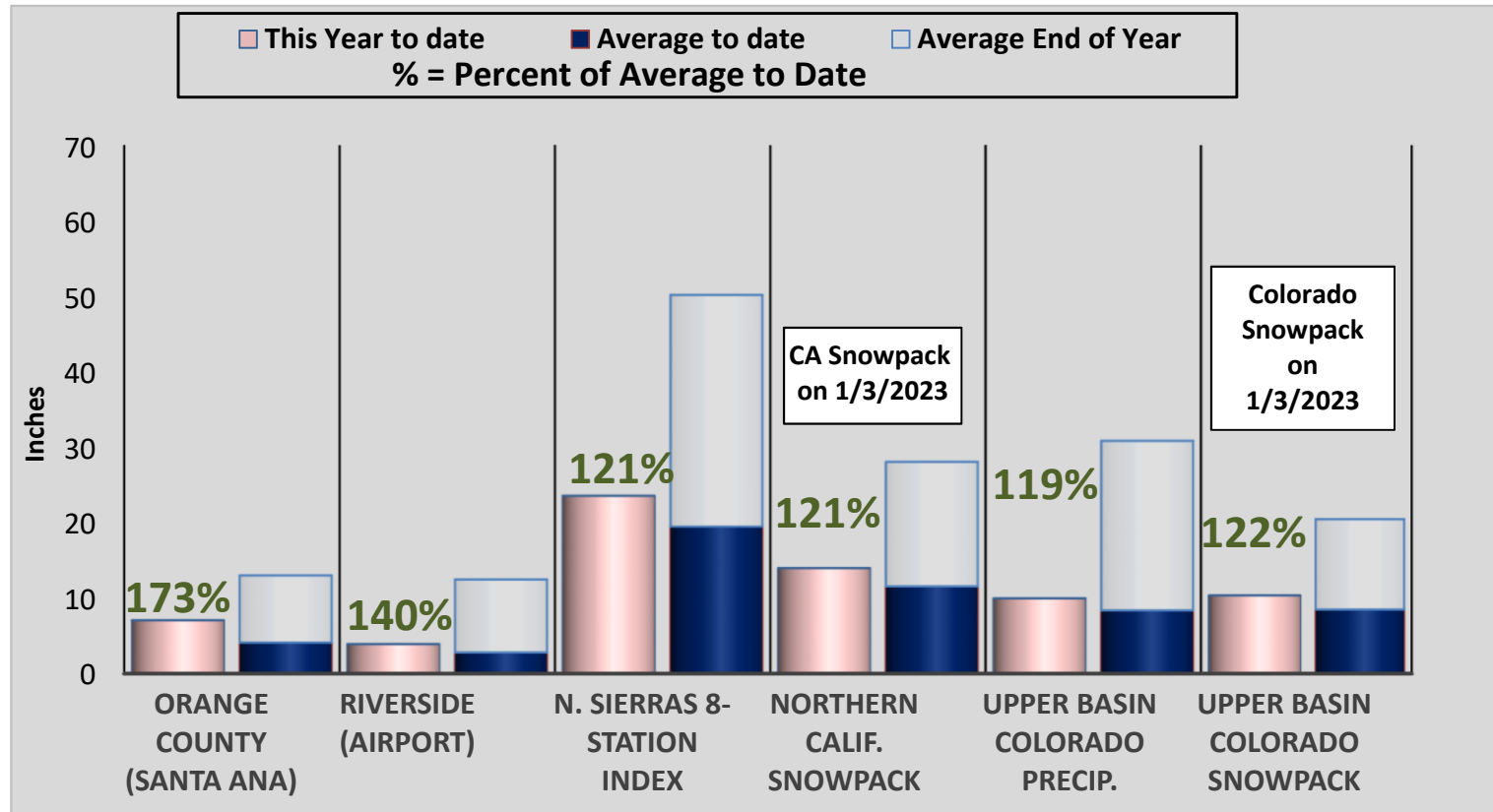


Partial Year Subtotals



[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.

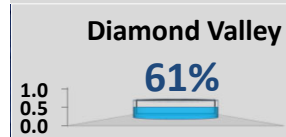
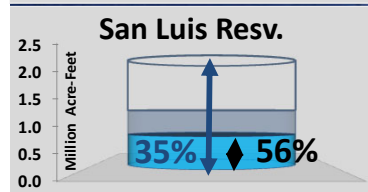
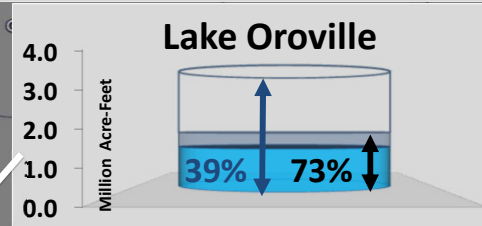
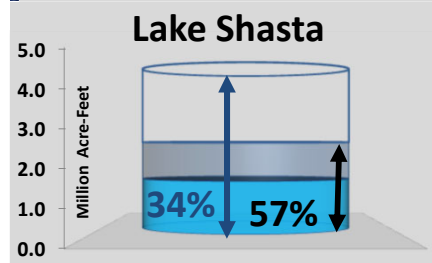
Accumulated Precipitation for the Oct.-Sep. water year, early of January 2023



* 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.

State Water Project, Colorado River, and MWD Reservoir Storage

as of January 4, 2023

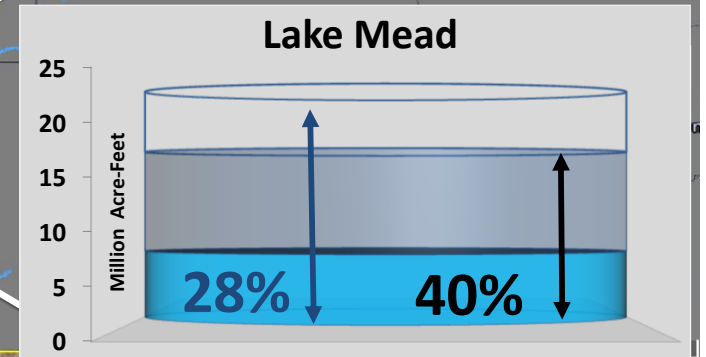
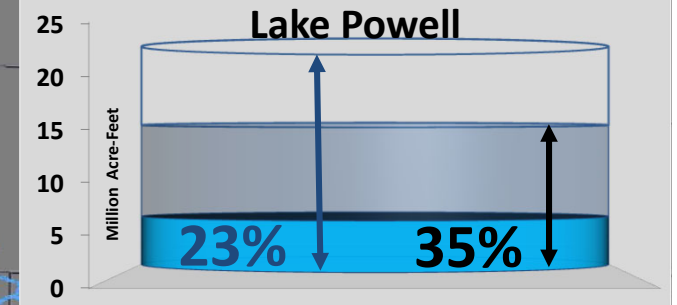


Reservoir Storage
Historical Reservoir Storage

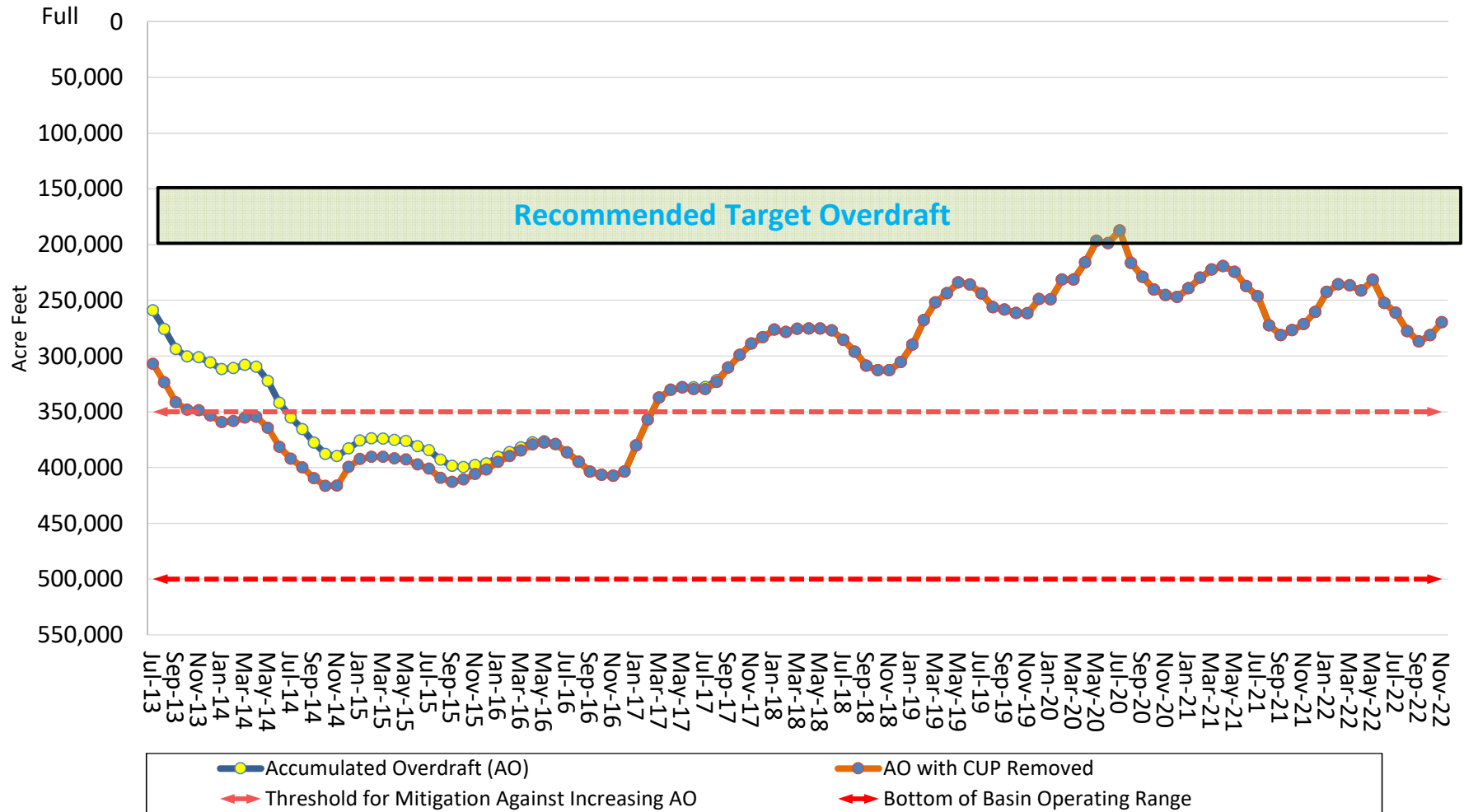
SWP Take Capacity = 0.185 MAF
CRA Take Capacity = 0.121 MAF
In Region Take Capacity = 0.437 MAF



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



Accumulated Overdraft of the OCWD Groundwater Basin as of November 2022



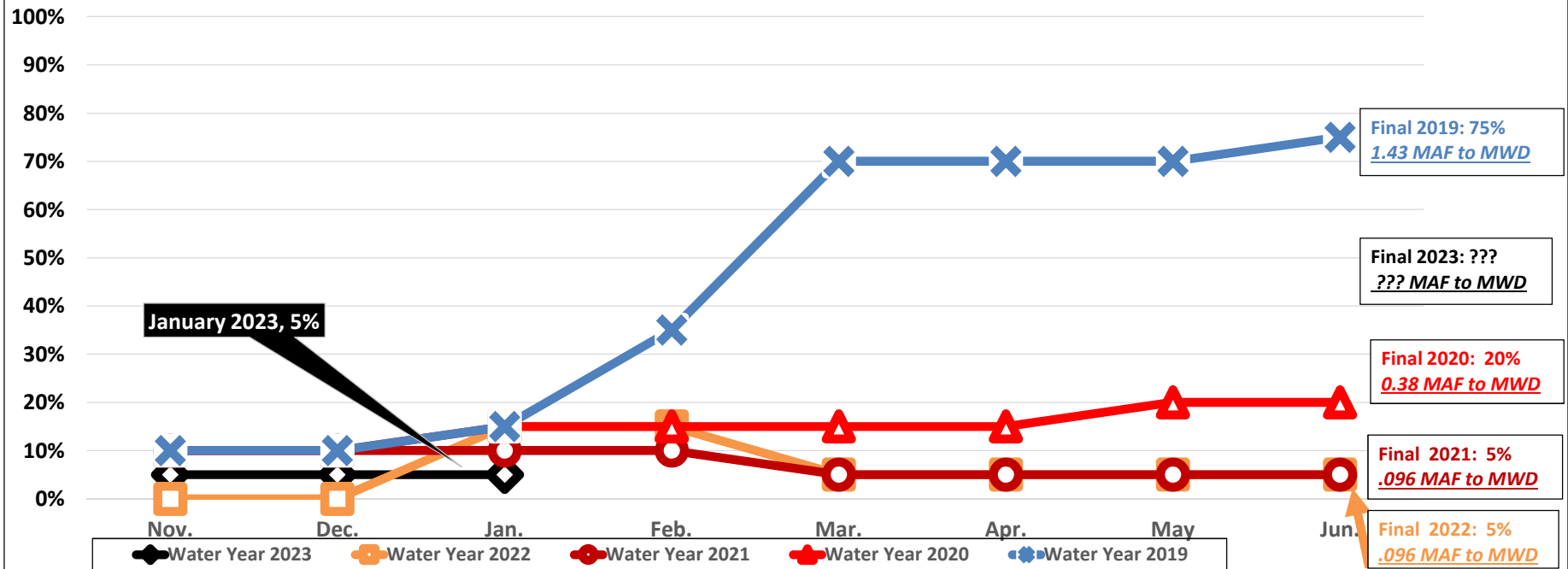
	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22
AO (AF)	246,350	272,443	281,354	276,909	271,455	260,387	242,511	235,744	236,708	241,450	231,699	252,348
AO w/CUP removed (AF)	246,350	272,442	281,354	276,909	271,455	260,387	242,510	235,744	236,708	241,450	231,699	252,348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

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

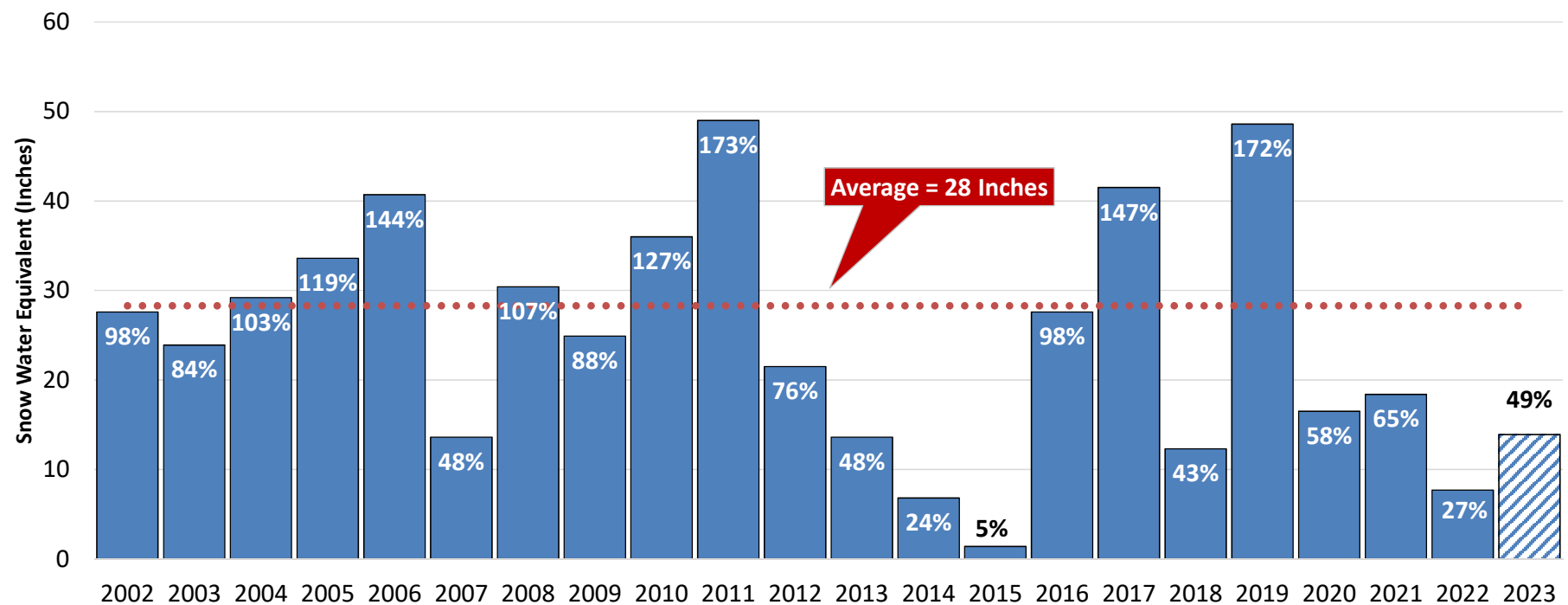


SWP TABLE A ALLOCATION PERCENTAGE

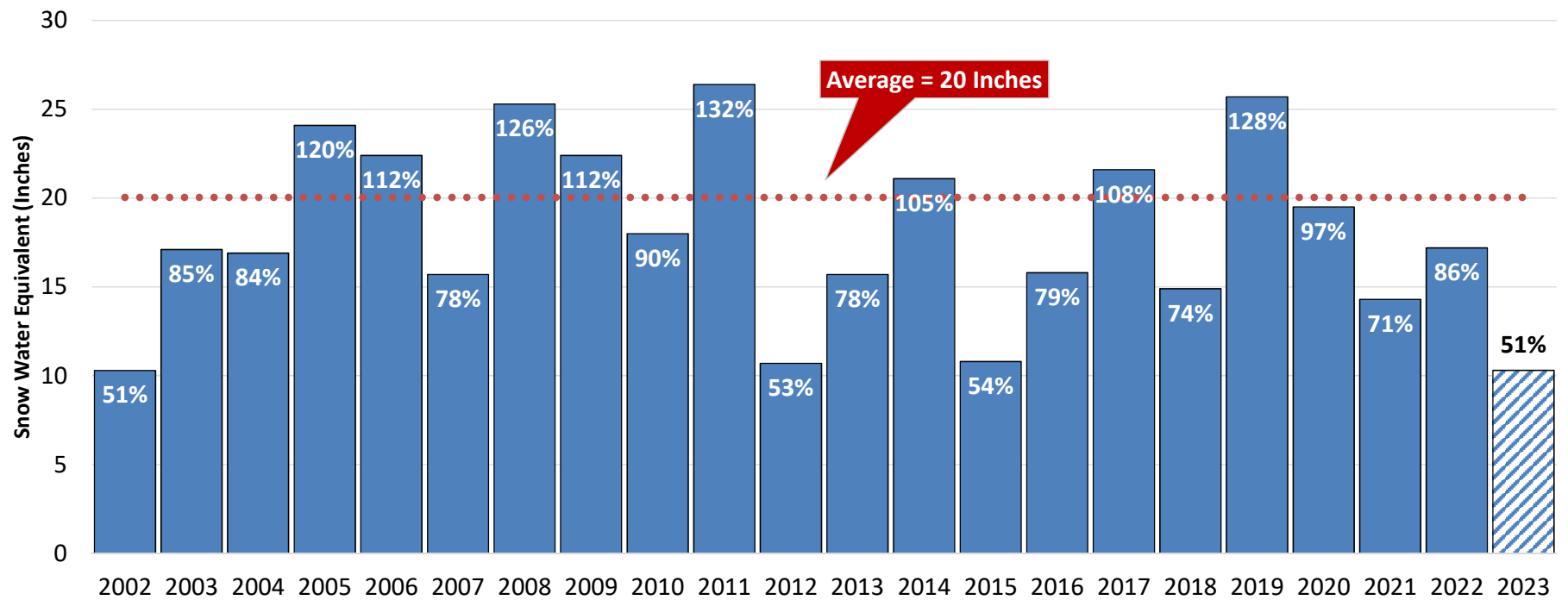
FOR STATE WATER PROJECT CONTRACTORS



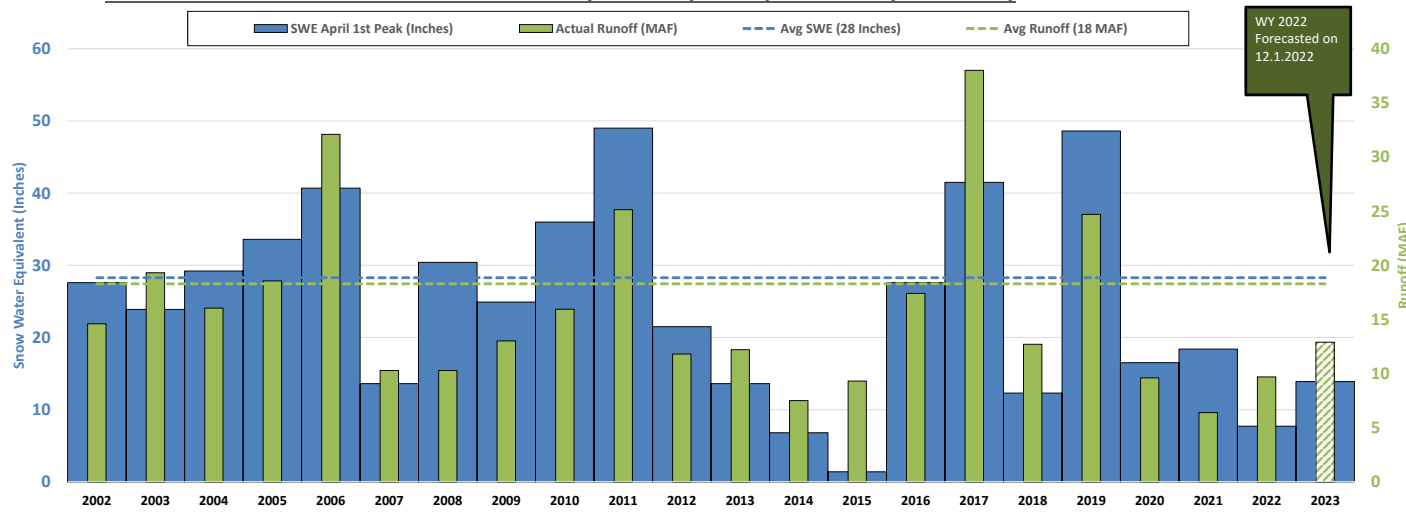
Historical Northern California April 1st Peak Snow Water Equivalent



Historical Colorado Basin April 15th Peak Snow Water Equivalent



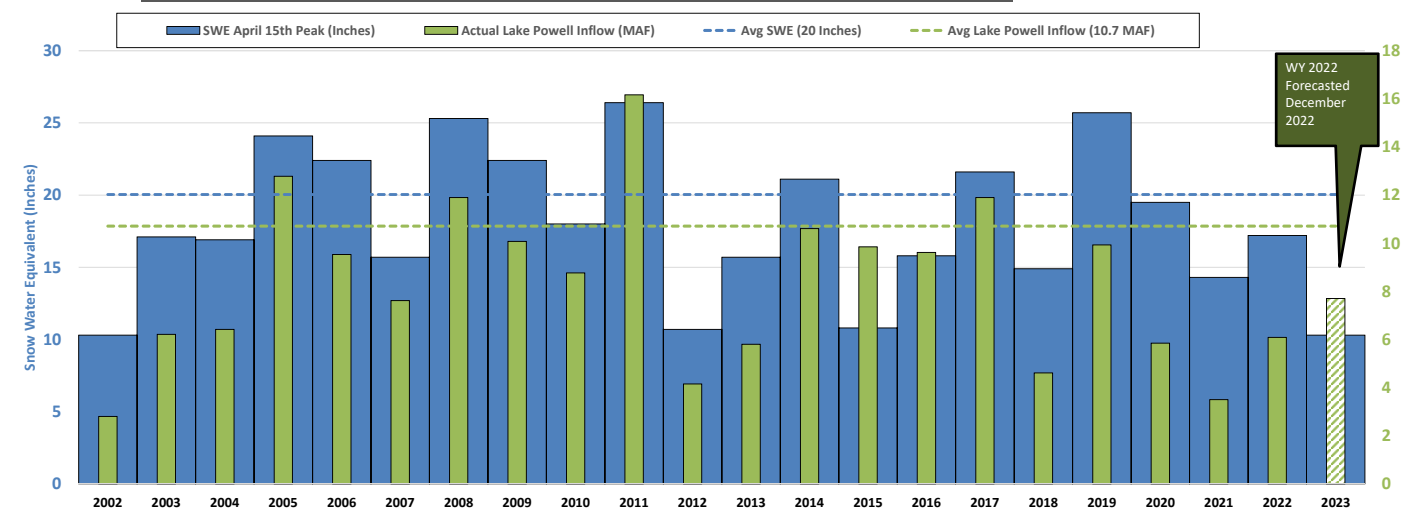
Northern California Historical Snow Water Equivalent (Inches) Vs Runoff (Million AF)



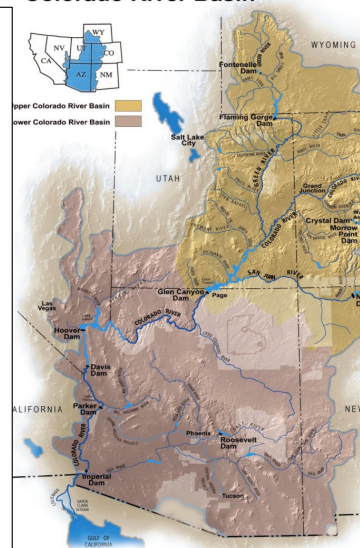
Sacramento River Basin



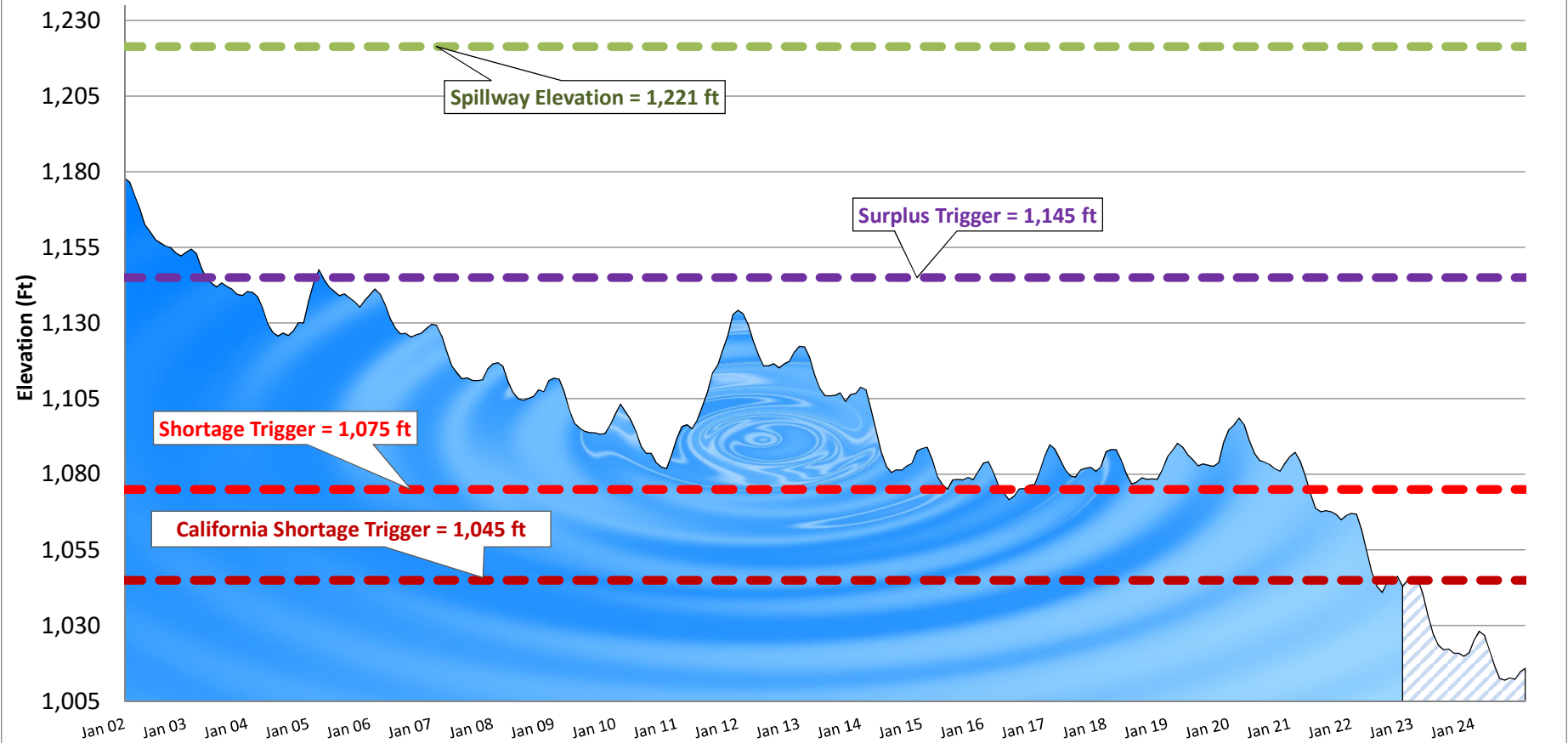
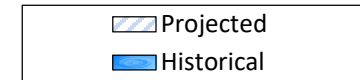
Upper Colorado Historical Snow Water Equivalent (Inches) Vs Runoff (Million AF)



Colorado River Basin

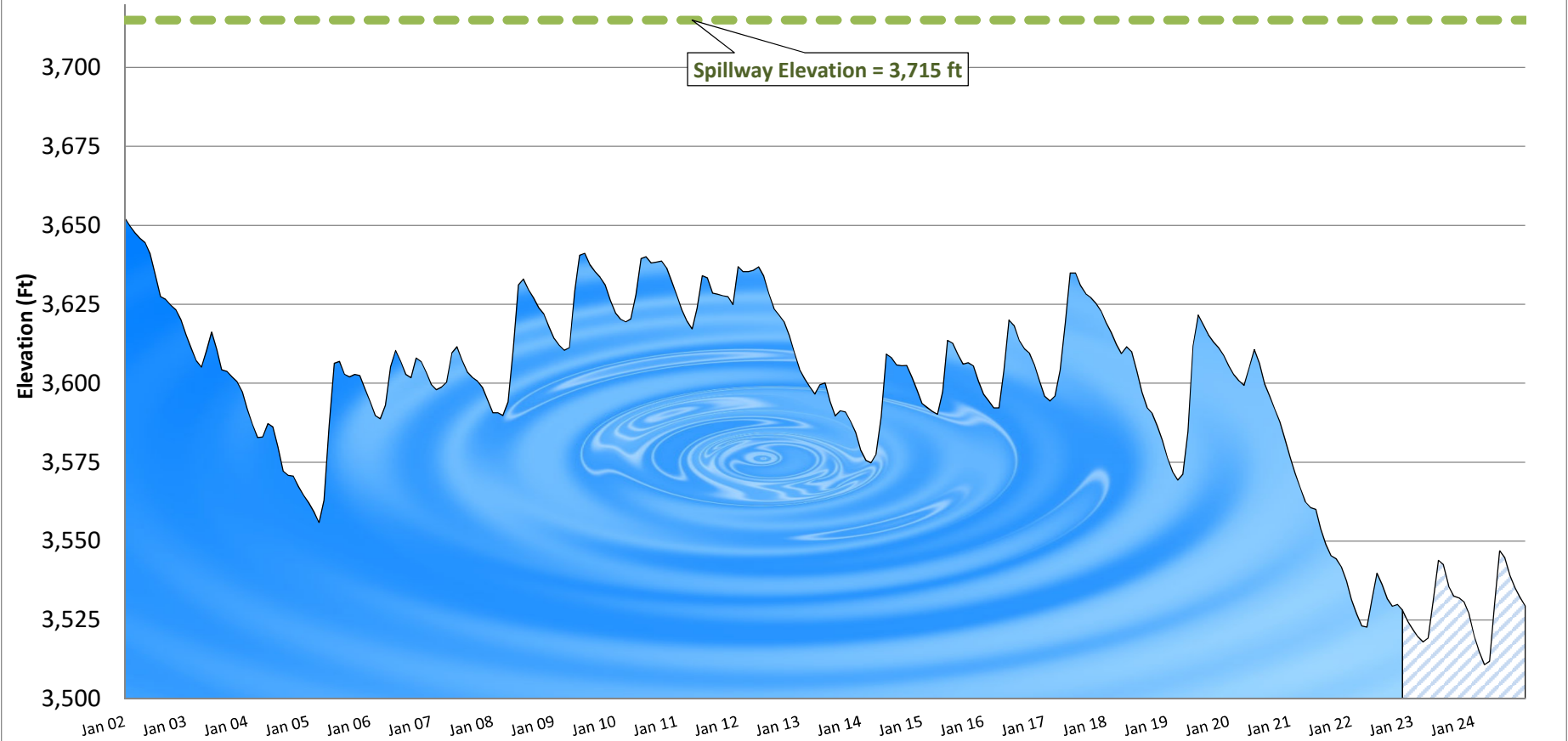


Lake Mead Levels: Historical and Projected projection per USBR 24-Month Study

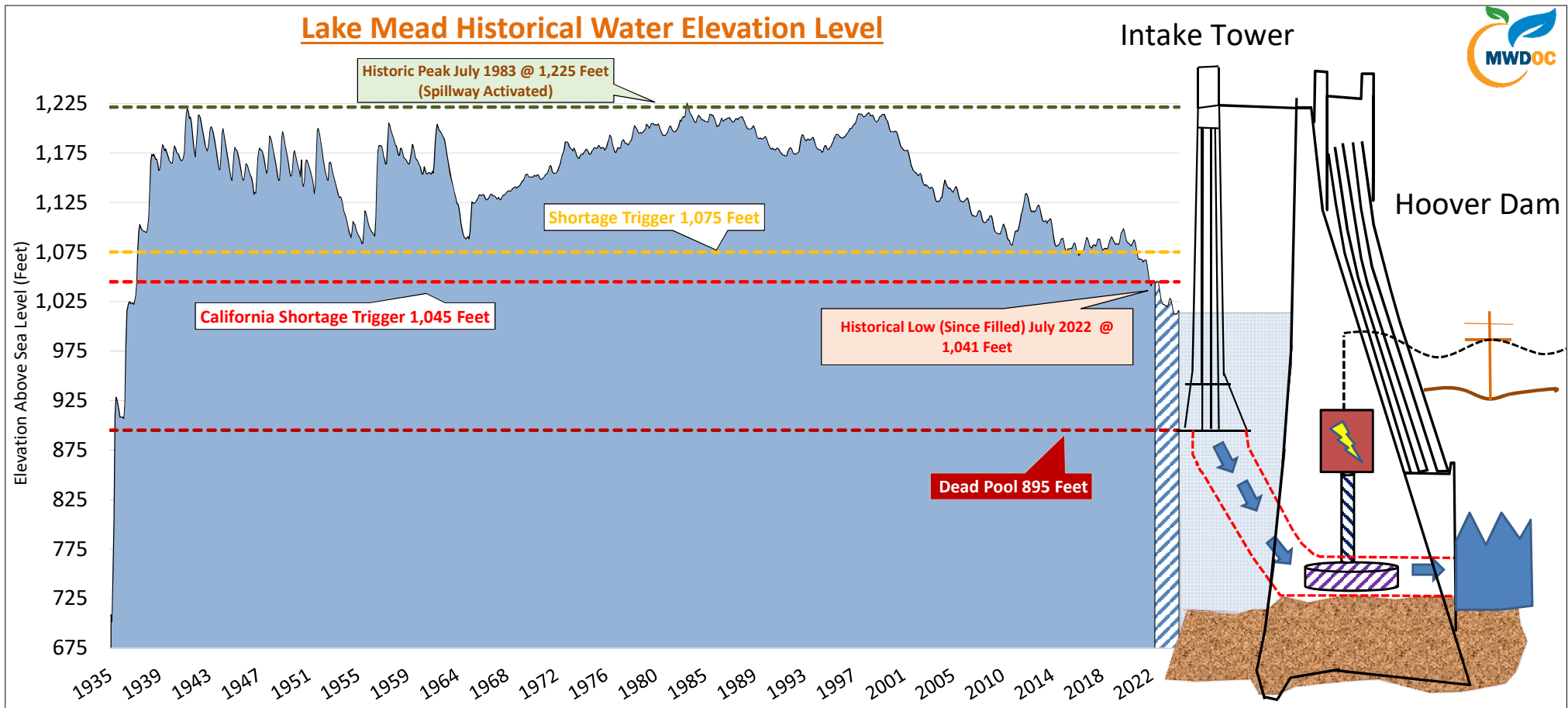


Lake Powell Levels: Historical and Projected projection per USBR 24-Month Study

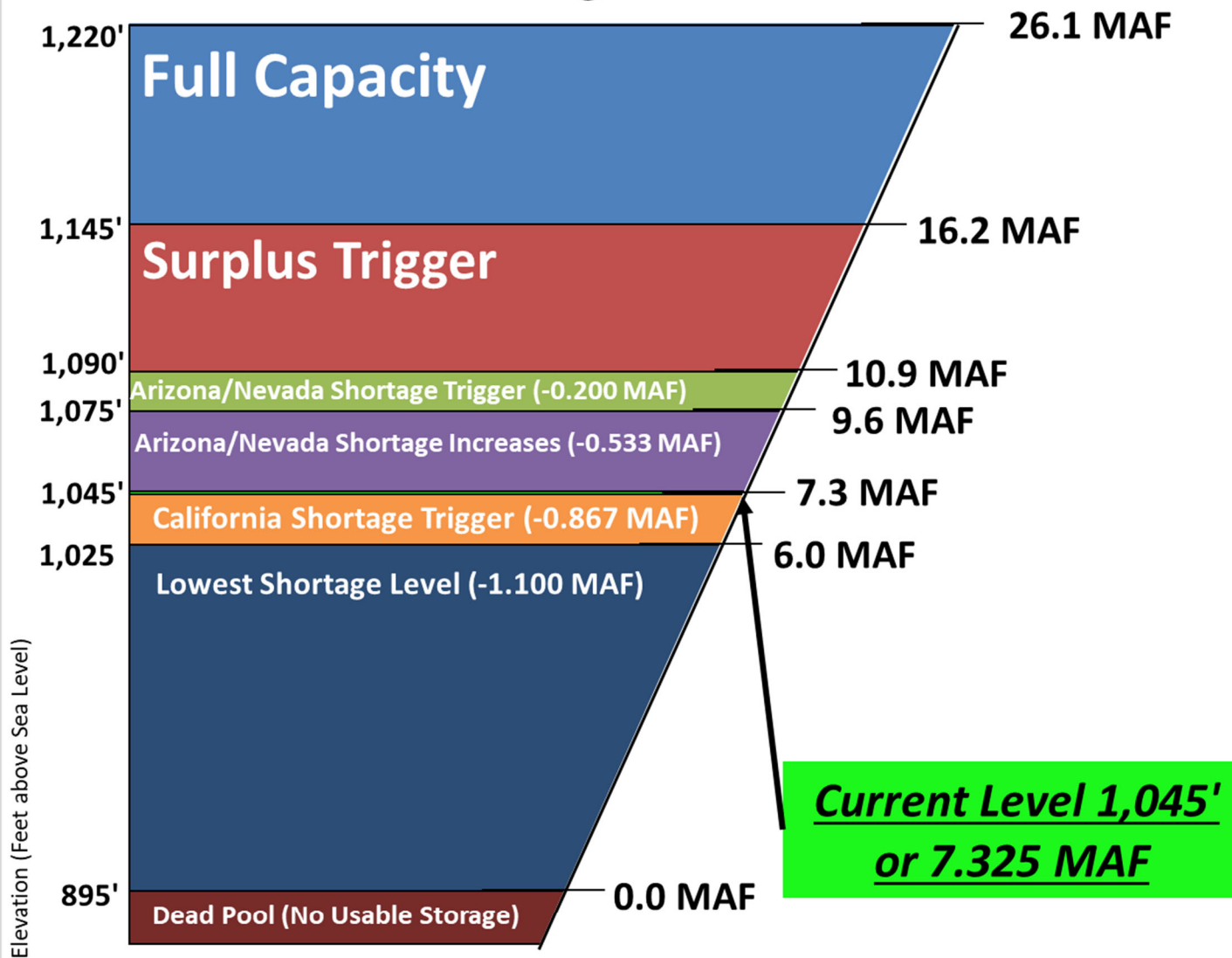
■ Historical □ Projected



Lake Mead Historical Water Elevation Level



Lake Mead Storage Level



**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	SPIILLED	CONTAINED	SPIILLED	
January			No Spill												
LEGEND											0	0	0	0	
S.D.C = San Diego Creek		RES. = Residential		R.S. = Rocks											
S.D. = Storm Drain		C. = Commercial		C.W.D. = Calcium Water Deposits											
A.C. = Aliso Creek		S.B. = Siphon		B.P. = Broken Pipe											
G.B. = Grease Blockage		P.F. = Power Failure		U.W. = Untreated Water											
S. = Sticks		P. = Paper		R. = Roots											



WRP BATTERY STORAGE SYSTEM

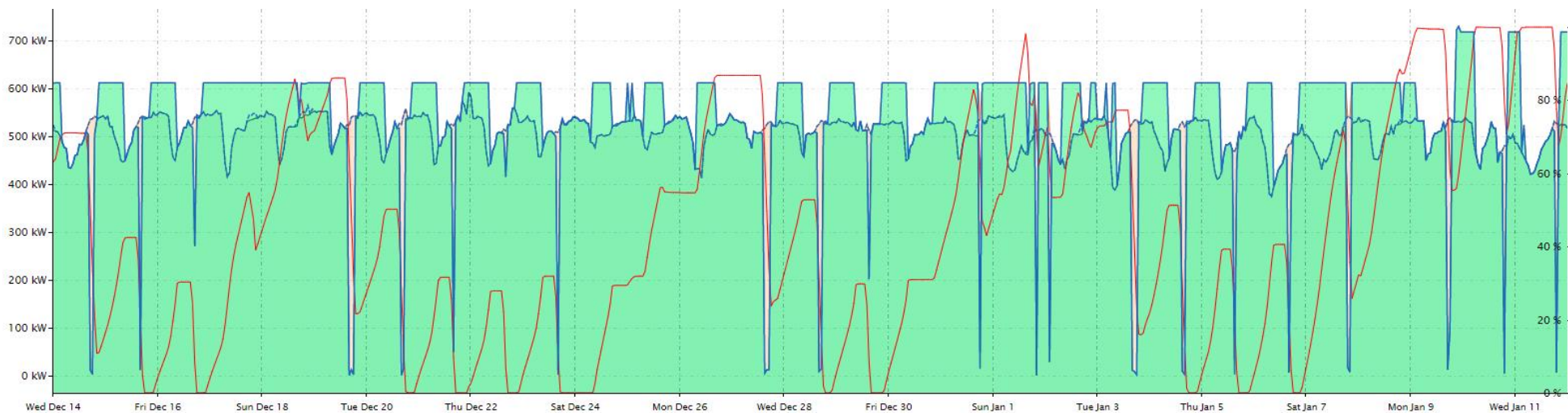
MONTHLY REPORT

January, 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)

TOTAL \$ **11,559.23** \$ **3,609.23**



Sewerage Treatment Plant

23542 Moulton Pkwy, Laguna Woods, CA 92637



Savings Report - 2023-01

Dec 14, 2022 - Jan 12, 2023

SCE TOU 8 Option D (< 2kV)

Demand Charges	Before Storage		After Storage		Savings	
Maximum Demand Charges	594kW	\$12,709.41	732kW	\$15,669.34	(138)kW	\$(2,959.93)
Winter Mid-Peak (Weekdays)	577kW	\$5,149.18	578kW	\$5,161.72	(1)kW	\$(12.54)
Sub-total		\$17,858.59		\$20,831.06		\$(2,972.48)
Energy Charges	Before Storage		After Storage		Savings	
Winter Mid-Peak	75,540kWh	\$9,180.73	54,670kWh	\$6,620.33	20,870kWh	\$2,560.40
Winter Off-Peak	163,725kWh	\$19,786.43	187,975kWh	\$22,751.44	(24,249)kWh	\$(2,965.01)
Winter Super Off-Peak	112,148kWh	\$9,227.16	114,461kWh	\$9,422.04	(2,313)kWh	\$(194.88)
Sub-total		\$38,194.32		\$38,793.81		\$(599.50)
Other Monthly Charges	Before Storage		After Storage		Savings	
Customer and Other		\$348.06		\$348.06		\$ -
Sub-total		\$348.06		\$348.06		\$ -
Total	Before Storage		After Storage		Savings	
		\$56,400.96		\$59,972.94		\$(3,571.97)

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.



NATURAL RESOURCE RESULTS

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

From: Natural Resource Results

RE: Monthly Board Report – February 2023

Paradox Valley

We have recently learned from the Salinity Control Forum that the well pumping during the six-month testing (at 65% of the prior injection rate) ended in early December. Reclamation then began a 21-day recovery test which also recently ended. Reclamation is now reviewing the test data and once it is reviewed, they will issue a decision document. We believe that the decision document will recommend recommencement of injection operations again at about 65% of prior injection rates for an indefinite period. Prior to the 2019 earthquake they were injecting at about 100,000 tons per year.

WOTUS

On January 18th, the EPA and the Army Corps of Engineers (Corps) noticed a final rule in the Federal Register revising the definition of “Waters of the United States” (WOTUS) under the Clean Water Act. This is the 2nd step in a two-step dance that the Biden Administration has taken to rewrite the definition (the 1st step was to revoke the “Navigable Waters Protection Rule” established by the Trump Administration).

While we are still reviewing the Rule notice in detail, it appears to largely codify practices and policies of the pre-2015 *Rapanos* era WOTUS guidance. The Rule establishes a category for adjacent wetlands as wetlands next to, abutting, or near other jurisdictional waters (usually within a few hundred feet) that meet the relatively permanent or significant nexus standard tests. This definition of adjacent wetlands to include those that are “near” but not necessarily abutting jurisdictional waters aligns with the interpretation of most SCOTUS Justices that we heard during *Sackett* oral arguments.

However, most Justices also expressed skepticism over the appropriateness of the significant nexus test, which we could see overturned or substantially modified in the forthcoming *Sackett* decision. Depending on the scope of that decision, we’ll likely see the agencies amend or issue a new WOTUS Rule in accordance with SCOTUS’ direction. Please see the attached E&E article for further analysis on the adjacent wetlands definition.

The Rule will go into effect on March 20th.

WATER For California Act

Congressman Valadao has reintroduced his bill, the WATER for California Act (H.R. 215) and the bill is cosponsored by the entire California Republican delegation. The bill would:

- Require the Bureau of Reclamation to operate the CVP in accordance with the 2019 biological opinions unless changes are agreed to as a part of the voluntary agreement process
- Prevent reconsultation on the biological opinion unless certain criteria are met
- Override state law to allow for Shasta raise to move forward
- Retroactively fund WIIN Act funding request for the Shasta raise that were not approved by Congress
- Reauthorize the storage account from the WIIN Act
- Deem CVPIA complete

We expect that the bill will have a hearing in the House Natural Resources Committee sometime in late February, followed by a markup in March and potentially onto the House floor in late-spring or early summer. While the bill likely has the votes to pass the House, it is not going anywhere in the Democratic Senate.

Biden WOTUS rule revives decades-old protections

By Ariel Wittenberg , Hannah Northey

12/30/2022 10:00 AM EST

The Biden administration today finalized its definition of which wetlands and waterways are protected by the Clean Water Act.

The rule from EPA and the Army Corps of Engineers largely revives a definition of “waters of the United States,” or WOTUS, coined during the Reagan-era, updated to accommodate limits the Supreme Court has placed on federal jurisdiction during the intervening 36 years.

The latest definition is an effort by the Biden administration to find a “durable” solution for protecting wetlands and streams — an issue that has been hotly debated since the Clean Water Act’s passage in 1972. Through the years, the question has triggered regulatory back-and-forth, intense lobbying, and legal and political brawls among developers and agricultural and environmental groups.

EPA water chief Radhika Fox said the rule's link to regulations dating back to the 1980s would be familiar to those seeking Clean Water Act permits.

“It’s grounded in our longstanding authority provided by Congress, and we really learned from the 45 years of implementation as we developed this final rule so [it] balances the needs for clean water protections with the needs of all water users,” she said in an interview. “I think we found that middle ground and that place with this rule.”

Still, water policy observers and advocates anticipate a legal backlash from farmers, developers and businesses that will argue the regulation is inconsistent with the Clean Water Act.

In the weeds

The new rule would give federal protection to large waterways, like interstate rivers and streams and wetlands that are adjacent to them.

Wetlands would be considered adjacent if they are connected to those larger waterways with “relatively permanent” surface water connections, or if they have a “significant” hydrologic or ecological “nexus” to those protected tributaries.

Those terms are rooted in a 2006 Supreme Court case, *Rapanos v. United States*, which splintered the justices 4-1-4 and resulted in two competing tests to determine if property is beholden to Clean Water Act permitting requirements.

The “significant nexus” test, penned by Justice Anthony Kennedy in his concurrence, is more expansive and has been largely adopted by federal courts. That hasn’t stopped conservatives from arguing that federal jurisdiction should be limited to the more restrictive surface water connection approach from the late Justice Antonin Scalia.

The new regulation also appears to answer a question that plagued the high court more recently in *Sackett v. EPA*.

During oral arguments this fall, the justices floated the idea of whether a new test is needed to best identify federally protected waters ([Greenwire](#), Oct. 4).

“Is there another test that could be more precise and less open-ended than the adjacency test or the significant nexus test that you use?” Justice Sonia Sotomayor asked at the time.

Other colleagues asked whether EPA could put a distance-based limit on when wetlands would no longer be considered adjacent or affect water quality.

The final rule does not include any distance requirements for adjacent wetlands to be protected by the Clean Water Act, but explains that protected wetlands must be “reasonably close such that the wetland can modulate water quantity or quality” in another protected waterway.

The Biden administration decided against setting distance limits in the rule, it says, because wetlands’ effects on downstream waters “depends on regional variations in climate, landscape and geomorphology.”

“While bright-line rules, (for example, wetlands that are more than a specific number of feet from a jurisdictional water are not ‘adjacent’) are easiest to understand and implement, convenience is not the only goal the agencies must consider in administering the Clean Water Act,” the rule states.

It explains that “a more nuanced approach is required” because a wetland’s impact on larger waterways can vary by region and climate.

For example, the rule says, wetlands in the arid West, where rainfall is lower and evaporation rates are higher, might need to be much closer to larger waterways in order to be considered “adjacent” than wetlands located in areas with flat topography, large floodplains and higher annual rainfall.

Still, the rule says, “The agencies can state based on nearly 45 years of implementation of this definition that in a substantial number of cases, adjacent wetlands abut (touch) a jurisdictional water.”

“And, on the whole, nationwide, adjacent wetlands are within a few hundred feet from jurisdictional waters,” it says.

[A fact sheet accompanying the rule](#) says “parts of the Florida Everglades” could be considered adjacent wetlands, though it does not specify which areas.

Parts of the east Everglades have been at the center of federal wetlands fights for decades, though Fox clarified that the fact sheet only lists waters that are “likely to be jurisdictional.”

“We are not saying if they are jurisdictional or not,” Fox said.

Biden v. Trump and Obama

The Biden administration’s decision against placing distance limits on which wetlands are federally protected marks a change from both prior administrations.

Though the Obama and Trump administrations vastly differed on how expansive federal jurisdiction over wetlands should be, each wrote regulations they hoped would make the question of Clean Water Act protections easily predictable on the ground, with Trump administration officials even promising that farmers would be able to look at a wetland on their property and instinctively know whether it was federally regulated.

The new rule would protect more wetlands and streams than the regulation finalized by the Trump administration, which followed the Scalia test in *Rapanos*. That Navigable Waters Protection Rule only regulated wetlands and streams with relatively permanent surface water connections, excluding at least 18 percent of streams and a whopping 51 percent of wetlands nationwide from Clean Water Act protections ([Greenwire](#), Dec. 11, 2018).

The Biden regulation likely protects fewer wetlands than the Obama administration’s 2015 regulation, which sought to draw “bright lines” of federal jurisdiction. The Clean Water Rule protected any wetlands that were located within the 100-year floodplain or 4,000 feet of a navigable water or tributary, and opened the door for “isolated wetlands” not near larger wetlands to be included.

Under the Obama rule, such isolated wetlands, like prairie potholes, western vernal pools, Carolina Delmarva bays, Texas coastal prairie wetlands and pocosins were to be considered for federal protection on a case-by-case basis but also as a system, meaning regulators would assess the importance of an individual pothole on its own and as part of a broader ecosystem in combination with other potholes in the watershed ([Greenwire](#), Dec. 12, 2018).

The degree to which such isolated wetlands would be protected under the Biden rule is not clear, but [the fact sheet accompanying the final Biden rule](#) suggests that each wetland would be evaluated individually, not as part of a broader ecosystem as the Obama rule did.

The document says “additional waters” that do not meet the definition of adjacent wetlands or tributaries “are jurisdictional if they meet either the relatively permanent standard or the significant nexus standard.”

Asked about such isolated wetlands, Fox said the new rule does not include a specific category for considering their jurisdiction as the Obama-era rule did.

“It does include a practicable and reasonable approach for some prairie potholes and isolated wetlands to be in jurisdiction when there is that connection back to a larger navigable water,” she said.

As with both the Obama and Trump definitions of WOTUS, the final rule makes clear that ditches without relatively permanent flows of water, waste treatment systems, and artificial lakes or ponds are not subject to federal permitting rules.



To:	MWDOC
From:	Syrus Devers, Best Best & Krieger
Date:	February 1st, 2023
Re:	State Legislative Report

Legislative Report

Bill Introductions: The bill introduction deadline for new bills is February 17th, and the majority of new bills will be introduced in the last week. Nonetheless, several bills have been introduced that concern the water industry.

Before turning to them, it may help to review what a “spot bill” refers to. A spot bill is any bill that does not contain the substantive language on the subject it purports to address. There are different levels of spot bills ranging from those that literally change a comma and do nothing to telegraph their intent, to those that fully describe what the bill will be used for in the future but contain no statutory language. Typically, BB&K and MWDOC staff do not bring spot bills to the attention of MWDOC, but we do when the author of a spot bill is in leadership or has history with the subject.

With that preamble, here are a few bills to watch:

AB 30 (Ward): Atmospheric river research. Research into atmospheric river weather patterns is not just another study bill. Better forecasting models can allow for more usable storage space in reservoirs. It is possible that the author will be surprised by the level of interest in the bill. (Senator Hurtado has also introduced a spot bill, SB 66, on the same issue.)

SB 3 (Dodd): Senator Dodd signaled early on that he intends to continue advocating for a statewide Low Income Rate Assistance (LIRA) bill. His bill on the same subject, SB 222, from last year passed the Legislature over the opposition of ACWA only to be vetoed by Gov. Newsom. The veto, however, was unrelated to ACWA’s opposition. ACWA opposed the bill due to objections over the administrative burdens the bill would impose on water agencies. Newsom’s veto was due to a lack of an identified funding mechanism. The concern is that Dodd will attempt to fund a statewide LIRA program with a tax on water. The bill is a spot bill for now and will be reviewed once substantive language is added.

SB 23 (Caballero): Senator Caballero chairs the influential Governance and Finance Committee and she will be a major figure in water policy in 2023. SB 23 is a spot bill at this time, but the goal of this bill is to cut some of the red tape that slows development of new water infrastructure.

Talk on the Street:

In addition to the introduced bills, another potentially significant legislative proposal being developed would establish, in statute, specific statewide targets and actionable goals for substantial increases in new water supplies for the state. The legislation is intended to provide a statewide focus on the need for new water supply development and would direct the Administration and state agencies to implement measures and incentives to ensure new supplies are brought on-line within designated periods. Bill language is currently being developed by the California Municipal Utilities Association (CMUA) through a “strike team” of its members and their legislative advocates, including MWDOC and other agencies the region and throughout the state. The CMUA board has approved being a sponsor of the bill and CMUA is seeking other potential co-sponsors. Senator Caballero (D-Salinas) has agreed to be an author of the legislation. Advocacy and education strategies are also being developed by CMUA and will be supported by the “Solve the Water Crisis” outreach effort, which MWDOC joined last year in June. BB&K recently attended a meeting in Sacramento of general managers, legislative staff, and legislative advocates of agencies involved in the proposal with CMUA and will give an update on the efforts of the group and MWDOC’s involvement during the Workshop.

The Budget:

By now, most have heard that the State Budget introduced by Newsom on January 10th seeks to close a \$22.5 billion deficit in the budget. Cuts were made to popular natural resource related budgets, but natural resources and climate change programs did better than most other areas.

Looking at a specific program in natural resources, Newsom cut \$40 million from \$210 million allocated to the water recycling for potable reuse over three years beginning in 2021. Of course, no one in the water industry is happy about it, but \$170 million is still a sizable program. Even better, Newsom did not make cuts to the \$315 million budgeted in 2021 over three years for all other types of recycling projects; \$215 was allocated last year and this year’s budget included the remaining \$100 million.¹

Keep in mind that this is merely the opening salvo in a running battle between the Governor and the Legislature over the Budget. The sharp knives come in May when the May Revise comes out and replaces the assumptions that go into the Budget with actual tax returns. The Board may recall the first year of the pandemic when near budget collapse was initially predicted, but the May Revise disclosed higher than expected capital gains tax receipts. And Newsom does not appear to expect a recession in California; his Budget refrained from tapping the state’s reserve account. In other words, Newsom is

¹ Credit to WateReuse for tracking down these numbers.



viewing the economy of California as normal despite the deficit. Of course, more to follow and BB&K will keep MWDOC apprised of the progress.

MWDOC Workshop

Bill Matrix

Prepared by Best Best & Krieger, January 24th, 2023

A. Priority Support/Oppose

Measure	Author	Topic	Status	Location	Calendar	Brief Summary	Position	Priority	Notes 1
AB 249	Holden D	Water: schoolsites: lead testing: conservation.	1/19/2023-From printer. May be heard in committee February 18.	1/18/2023-A. PRINT		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.	Out for Analysis	A. Priority Support/Oppose	

B. Watch

Measure	Author	Topic	Status	Location	Calendar	Brief Summary	Position	Priority	Notes 1
AB 30	Ward D	Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program.	12/6/2022-From printer. May be heard in committee January 5.	12/5/2022-A. PRINT		Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources. Current law requires the department, upon an	Watch	B. Watch	

						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.			
AB 62	Mathis R	Statewide water storage: expansion.	1/4/2023- Read first time.	12/6/2022- A. PRINT		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 Water Resources Control 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.	Watch	B. Watch	
AB 66	Mathis R	Natural Resources Agency: water storage projects: permit	1/4/2023- Read first time.	12/6/2022- A. PRINT		Current law establishes the Natural Resources Agency, composed of departments, boards, conservancies, and commissions responsible for the restoration, protection, and management of the state's		B. Watch	

		approval.				natural and cultural resources. Current law establishes in the agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require the agency, and each department, board, conservancy, and commission within the agency, to 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.			
ACA 2	Alanis R	Public resources: Water and Wildfire Resiliency Act of 2023.	12/6/2022-From printer. May be heard in committee January 5.	12/5/2022-A. PRINT		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.	Out for Analysis	B. Watch	
SB 3	Dodd D	Discontinuation of residential water service: community water system.	1/18/2023-Referred to Com. on E., U. & C.	1/18/2023-S. E. U., & C.		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. Current 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	Out for Analysis	B. Watch	

						connections or fewer to comply with the act's provisions on and after August 1, 2024.			
SB 57	Gonzalez D	Utilities: extreme weather events.	1/18/2023- Referred to Com. on RLS.	12/16/2022-S. RLS.		Would state the intent of the Legislature to enact future legislation to prohibit shutting off utility service during extreme weather events.	Watch	B. Watch	
SB 66	Hurtado D	Water: predictive models and data collection.	1/18/2023- Referred to Com. on RLS.	1/5/2023-S. RLS.		Current law requires the Department of Water Resources, 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.	Watch	B. Watch	
SB 69	Cortese D	California Environmental Quality Act: judicial and administrative proceedings : limitations.	1/18/2023- Referred to Coms. on E.Q. and JUD.	1/18/2023-S. E.Q.		The California Environmental Quality Act (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,	Watch	B. Watch	

						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.			
--	--	--	--	--	--	---	--	--	--

C. Spot Bill

Measure	Author	Topic	Status	Location	Calendar	Brief Summary	Position	Priority	Notes 1
SB 23	Caballero D	Water supply and flood risk reduction projects: expedited permitting.	1/18/2023-Referred to Com. on RLS.	12/5/2022-S. RLS.		The California Safe Drinking Water Act provides for the operation of public water systems and imposes on the State Water Resources Control Board various duties and responsibilities for the regulation and control of drinking water in the state, including, among other things, overseeing the issuance and enforcement of public water system permits, as provided. Current law authorizes specified works of improvement for the control, conservation, and utilization of destructive flood waters and the reclamation and protection of lands that are susceptible to overflow by flood waters. This bill would express the intent of the Legislature to enact subsequent legislation to expedite the regulatory permitting process for water supply and flood risk reduction projects, as provided.	Watch	C. Spot Bill	

Total Measures: 10

Total Tracking Forms: 10



STAFF REPORT

To: Board of Directors

Meeting Date: February 23, 2023

From: Sherri Seitz, Public Affairs Manager

Subject: Public Education and Outreach Report

Bill Message

Customer February bill message:

The ETWD Customer Service office is temporarily closed for necessary structural building repairs. Our Customer Service Team is available by phone and email during regular business hours to assist you at (949) 837-0660 and CustomerService@etwd.com. Payments can be made through the mail, drop box and online through the ETWD payment portal. Please visit [ETWD.com/view-pay-yourbill](https://etwd.com/view-pay-yourbill) for more information.

Community Advisory Group (CAG) Meeting

ETWD's held its quarterly CAG meeting on February 9, 2023. Dennis Cafferty presented on water supply challenges and water/wastewater infrastructure improvement projects. We had 29 community members sign up for the meeting.

Community Events

South Orange County Economic Coalition

The link to the January 23, 2023 South Orange County Economic Coalition Western Water: Challenges and Opportunities for Orange County program is <https://www.youtube.com/embed/LPqp0ZZHMJY>. Dennis Cafferty participated as a panelist with other water district representatives discussing how South Orange County water districts efforts locally and regionally have better prepared the water agencies to overcome water related challenges.

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.

ETWD Newsletter

A copy of the winter ETWD Newsletter is attached. The newsletters are distributed to the ETWD customers with February water bills, to the HOA's by email and print, ETWD website, social media and in the Laguna Woods Village E-blast. The newsletter will be inserted into the Laguna Woods Globe on March 5, 2023.

ETWD Board Officer Announcement

An announcement of the new Board officers is being prepared and will be distributed to the public by email, ETWD website, and social media.

Public Relations Society of America (PRSA)

ETWD will be entering the ETWD newsletter into the PRSA Bronze Anvil Tactical Awards under the newsletter category. The Bronze Anvil Tactical Awards recognize outstanding public relations tactics that contribute to the success of overall programs or campaigns. Award recipients will be notified on June 8, 2023.

ETWD Sponsorships

For discussion, following is a list of potential professional sponsorships for 2023.

El Toro Water District		
2023 Potential Sponsorships	Amount	Yearly
WaterReuse Conference Silver Sponsorship	2,500	X
OC Water Summit Table Sponsorship	1,600	X
H2O for HOA Sponsorship	1,000	X
SOCEC - South Orange County Economic Coalition	2,500	X
Children's Water Education Festival	2,500	X
Mission Viejo Chamber of Commerce - Bronze Level	500	X
Lake Forest Chamber of Commerce - Silver Level	1,250	X
Meet the Mayor Event - Centerpieces	1,500	X
State of the City Event - Centerpieces	2,000	X
Legislative Luncheon - Centerpieces	1,000	X
Laguna Hills Chamber of Commerce - Business level	225	X
Supervisor Katrina Foley		
Senior Summit - (Supervisor/Age Well) (When located in Laguna Woods or ETWD's service area)	1,000	
Adopt a Channel/Orange County Conservation Corp - Channel Cleanup	<u>3,000</u>	X
	20,575	
Other/In Kind Donation Sponsorships		
MWDOC Girl Scout Tour - Rentals, food, etc	1,000	X
MWDOC Boy Scout Tour - Rentals, food, etc.	1,000	X
Children's Water Education Festival Activity	2,500	X
Lake Forest Chamber - Elf Yourself Run		
Water Trailer - Staff Prep Time	750	X
South County Disaster Preparedness Expo		
Water Trailer - Staff Prep Time	750	X
UC ANR/South Coast REC/UCCE Urban Living Education Expo		
Water Trailer - Staff Prep Time	<u>750</u>	X
	6,750	

Revised 2/16/23



El Toro Water District · Winter 2023

WATER VIEWS

SERVING THE PUBLIC, RESPECTING THE ENVIRONMENT



Department of Water Resources engineers take measurements in a Jan. 3 snow survey in the Sierra Nevada mountains.

WINTER STORMS HELPED, BUT WE'RE NOT OUT OF THE DROUGHT YET

Winter storms brought some welcome relief to El Toro Water District's service area and all of California. Current drought conditions have improved from the extreme and exceptional conditions, according to the U.S. Drought Monitor. However, one wet winter cannot make up for the last three years of record dry conditions.

Quick Facts

- ETWD relies 100% on imported water for drinking water. Years of drought have impacted our water supplies from the California State Water Project and the Colorado River.
- After historic dry conditions caused California to deplete the state's reservoirs, key state and federal water reservoirs are beginning to fill back up.
- Statewide, the snowpack rose to 205% of average as of February 1, 2023.
- Snowpack on the Colorado River is above average, and the snowmelt will increase the reservoir levels of Lake Mead and Lake Powell, but it will not make up for the decades of drought that region has been facing. The Colorado River is still in a shortage and is projected to be in a shortage for at least the next five years.
- ETWD's recycled water program has saved over 3 billion gallons of drinking water that would have been used to irrigate landscape.
- Continued infrastructure investments will be important to increase local supply. ETWD continues to evaluate opportunities like recycled water expansion projects, advanced water treatment and direct potable water reuse.



Low water conditions persist at California reservoirs, including Lake Oroville, shown here on Jan. 12.

How You Can Help

We all need to continue to use water as efficiently as possible while adapting to the changing climate and preparing for future dry seasons.

DISTRICT EARNS EXCELLENCE IN FINANCIAL REPORTING AWARD

The District is committed to fiscal responsibility and transparency to our community. For the sixth consecutive year, we earned the highest form of recognition in the area of governmental accounting and financial reporting – a Certificate of Achievement for Excellence in Financial Reporting from the Government Finance Officers Association of the United States and Canada.

Current financial information is always available to our customers at etwd.com/governance/financial-statements.



AWARD WINNER
Certificate of Achievement
for Excellence in Financial
Reporting

EL TORO WATER DISTRICT

📍 24251 Los Alisos Blvd
Lake Forest, CA 92630

📧 district@etwd.com

☎ (949) 837-7050

🌐 etwd.com



CONVENIENT ONLINE BILL PAY

El Toro Water District's online bill pay system allows you to pay your bill and access these great features 24 hours a day, 7 days a week. Visit etwd.com and select "View/Pay Your Bill" on the left-hand side to learn more. First-time users will need to set up a username and password to access and use the new system. Quick pay will be available to those who just want to pay their bill without logging in.



**VIEW
HISTORY
AND USAGE**



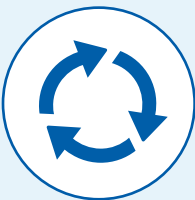
**MAKE PAYMENTS
ONLINE
CONVENIENTLY
AND SECURELY**



**START, STOP,
TRANSFER
SERVICE OR
SERVICE CALL**



**PAY MULTIPLE
ACCOUNTS
AND SERVICE
LOCATIONS**



**SIGN UP FOR
AUTOMATIC
PAYMENTS**



**MANAGE YOUR
ACCOUNT, PHONE
NUMBERS,
ADDRESSES AND BILL
PREFERENCES**



For additional information, please visit etwd.com and select "View/Pay Your Bill" on the left-hand side.

Customer Service is also available to answer questions at (949) 837-0660.

**Convenience fee applies to all payments made through the ETWD payment portal and by phone.*



CONNECTING WITH OUR COMMUNITY

District staff spoke with community members to share information about ETWD and provide tips for using water wisely at several recent local events, including:

- Water Recycling Plant tour for the Laguna Woods Village Third Mutual Board of Directors
- H2O for HOAs workshop
- City of Lake Forest Leadership Academy Utilities Night
- South County Disaster Preparedness Expo
- Annual Lake Forest Elf Yourself 5K
- ETWD staff and retirees also donated holiday gifts, including toys and comfort items, to Miracles for Kids.



WINTER LANDSCAPE CHECKUP



For a full list of available residential and commercial rebates, visit etwd.com/conservation/water-conservation-shortage-stages.

For questions, please call Customer Service at (949) 837-0660 or email district@etwd.com.

Keep your landscape healthy and save water



Wet winter weather means you can turn off your irrigation system and only water as needed.



Take a few minutes to inspect your irrigation system for leaks, broken sprinkler heads or damaged drip lines.



Consider investing in a “smart” controller that will automatically calculate how much water you need for each watering session.



Adjust your sprinkler heads to ensure water doesn't run off your property.



Take advantage of residential rebates for qualifying devices and upgrades while they last! Here are just a few of the available options:

Soil Moisture Sensor Controller	Up to \$150
Rotating Sprinkler Nozzles	Up to \$2 per nozzle*
Drip Irrigation	\$0.75 sq. ft. up to 5,000 sq. ft.*
Rain Barrels and Cisterns	Up to \$50 per rain barrel and \$250 – \$350 per cistern*
Turf Removal	\$4 sq. ft. up to 5,000 sq. ft. annual maximum*

** Please note that limits and restrictions apply.*



BEHIND THE SCENES AT ETWD



Introducing Steve Wingen

Please meet Steve Wingen, ETWD's Cross-Connection Control Specialist. He manages the District's Backflow Prevention Program, as well as the Recycled Water System's Rules and Regulations as they pertain to your HOA and public recycled water use throughout the distribution system.

A permit issued by the State Water Resources Control Board and the County of Orange Department of Environmental Health gives ETWD the ability to distribute recycled water to dedicated irrigation systems to certain areas in the District. With that permit comes regulatory requirements the District must follow. Physical inspections of the coverage areas being one of them.

You might see Steve on one of the many inspections he does at or around your residence. Steve inspects for violations of unauthorized use and/or connections. These can include direct connection by a resident's property to the HOA commercial recycled water irrigation system. Another may be a residential built irrigation system set up within or adjacent to the HOA commercial recycled water irrigation system.

Recycled water in ETWD is designated for dedicated irrigation systems only. Therefore, inspections are made to ensure that potable drinking water and dedicated irrigation systems are not cross-connected. Tests, which include shutting off one or both of these systems, occur routinely.

At times during the inspections, access to more private areas, such as patios and courtyards, is needed to verify completely all is in order. Please stop to say hi if you see Steve on an inspection. Steve has over 30 years of experience at ETWD and is happy to answer any water related questions!

KEEP WIPES OUT OF THE PIPES

Follow this simple rule to keep your system reliable and protect your home and our community:



ONLY FLUSH THE THREE P'S – PEE, POOP AND (TOILET) PAPER.

Wipes are convenient, but unfortunately, they are not flushable – even if they are labeled “flushable” or “disposable”! Flushing wet wipes, such as baby wipes, surface cleaning wipes, cosmetic wipes, etc. down the toilet creates nasty clogs and fatbergs (collections of grease and debris floating in the wastewater) that can cause sewer system backups and spills that can damage your home and our environment.

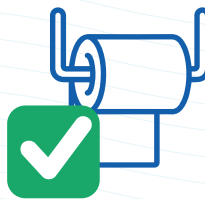
WHAT TO FLUSH: THE 3 P'S



PEE



POOP



PAPER



WIPES



ETWD Public Affairs Manager Sherri Seitz accepts the Award of Excellence from OCPRSA President Patricia Conover on behalf of ETWD at the PROTOS Awards ceremony on Oct. 6, 2022.

ETWD EARNS COMMUNICATIONS AWARD OF EXCELLENCE

ETWD earned an Award of Excellence from the Public Relations Society of America's Orange County Chapter (OCPRSA) for our Water Views customer newsletter. OCPRSA named ETWD a winner in its annual PROTOS Awards competition, which highlights the greatest standards of communications practices by showcasing the strategy, creativity and work from agencies and brands from nearly every industry in the region.

The ETWD Water Views newsletter is part of ETWD's ongoing commitment to customer outreach and transparency. We enjoy using the newsletter to keep our customers updated and provide helpful information and tips. Thank you for reading ETWD Water Views!

BOARD OF DIRECTORS



PRESIDENT

Kay Havens

DIRECTOR

Mike Gaskins

VICE PRESIDENT

Jose Vergara

DIRECTOR

Mark Monin

DIRECTOR

Kathryn Freshley

GENERAL MANAGER

Dennis P. Cafferty

The Board of Directors meeting takes place on the fourth Thursday of the month, and the Engineering and Finance Committee meets on the Monday before the Board of Directors meeting at 7:30 a.m. in person and via Zoom teleconference.

We encourage you to join us. Meeting agendas are posted on our website and include teleconference access and instructions. Learn more: etwd.com/governance/meetings-agendas-minutes

ETWD delivers drinking water, recycled water and wastewater services to customers in the City of Laguna Woods and portions of the cities of Lake Forest, Mission Viejo, Laguna Hills and Aliso Viejo

Have questions? Call us at (949) 837-7050 or email us at district@etwd.com.





STAFF REPORT

To: Board of Directors

Meeting Date: February 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.

Residential Rebate Programs:

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

Water Use Efficiency Report
Page 2

Hose Bib Irrigation Controller	\$35			\$35
Rain Barrels	\$35			\$35
Cisterns				
(200 -500 gallon)	\$250			\$250
(501-999 gallon)	\$300			\$300
(1,000 gallon or more)	\$350			\$350
Spray to Drip Irrigation (up to 5,000 sf of converted area per fiscal year)		\$0.50 sq. ft.	\$0.25 sq. ft.	\$0.75 sq. ft.

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

Commercial Rebate Programs:

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
Premium High Efficiency Toilet	\$40			\$40
Multi-family Premium High Efficiency Toilet	\$40			\$40
Zero Water/Ultra Low Water Urinal	\$200			\$200
Plumbing Flow Control Valve (min. 10)	\$5			\$5
Smart Irrigation Timer/Central Computer Irrigation Controller/Soil Moisture Sensor System/Hose Bib Irrigation Controller	\$35/station			\$35/station
Rotating Sprinkler Nozzles (minimum quantity of 15)	\$2			\$2
Rotating Nozzles – Large Rotary	\$13			\$13
Turf Removal Program (up to 50,000 sq ft MET-MWDOC/up to 10,000 sq. ft. ETWD funding)*	\$2 sq. ft*			\$2 sq. ft.*
Spray to Drip Irrigation (up to 45,000 sq. ft)		\$0.50 sq. ft.		\$0.50 sq. ft.

*Designated recycled water sites are not eligible for turf removal rebates. Synthetic turf is not eligible for the turf removal rebate. Additional commercial rebates available online at ocwatersmart.com. MWDOC Grant funding based on availability.

Actual Customer Rebates Analysis:

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

Residential Device Rebates	Rebates Approved January 2023	ETWD Amount Paid	MET Amount Paid	Total Rebate Paid
High Efficiency Clothes Washer	1	\$115	\$85	\$200

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

Turf Removal Program	Total sq.ft. Paid	ETWD Supplemental Amount	ETWD Supplemental Rebate Total
Turf Removal Residential	13,818	\$1 sq. ft.	\$13,818.00
Spray-To-Drip	9,511	\$0.25 sq. ft.	\$2,377.75

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 January 2023, residential customers accounted for 85% of Tier 3 usage and dedicated irrigation accounted for 15%. For Tier 4, residential customers accounted for 63% and dedicated irrigation accounted for 37% during the same period.

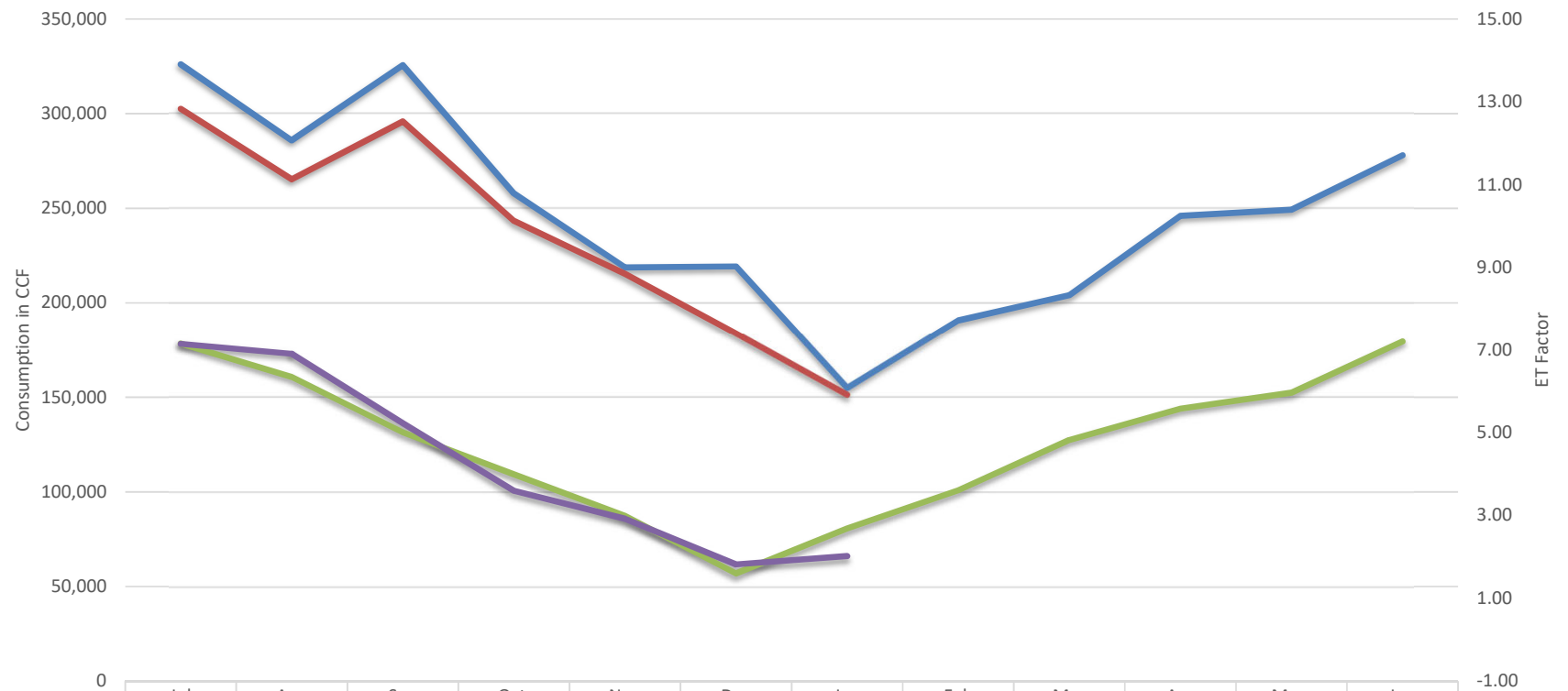
Total Consumption Comparison to Evapotranspiration (ET) Factor:

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 2.33% reduction in total consumption reflected in January 2023 versus January 2022. The ET factor decreased from 2.69 to 2.02 during the same period.

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

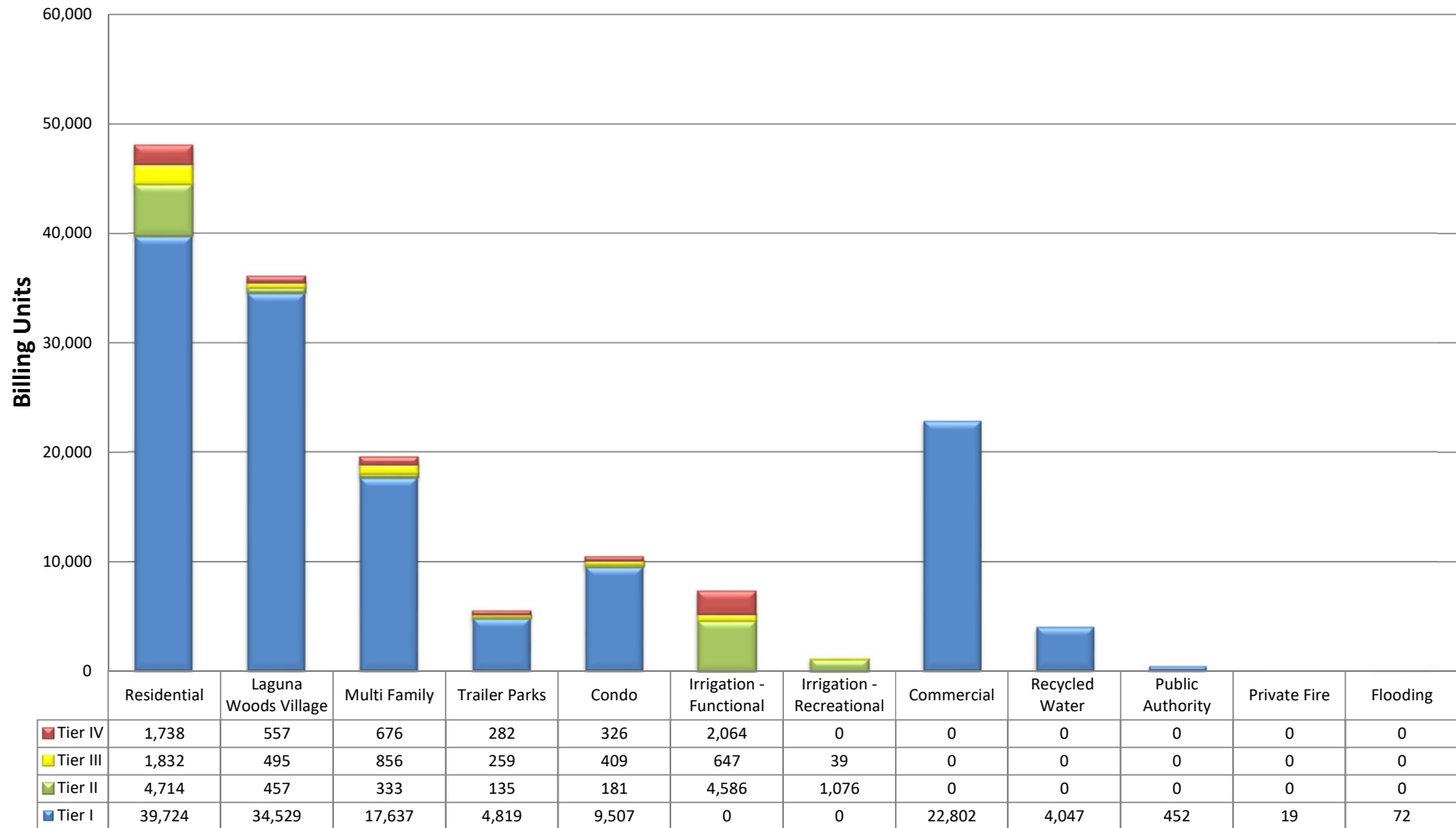
The following graphs highlight ETWD year-to-date consumption and consumption by tier for the current fiscal year compared to 2021-2022 fiscal year. ETWD water usage compared to 2013 and 2020 are also included.

Total Consumption Comparison

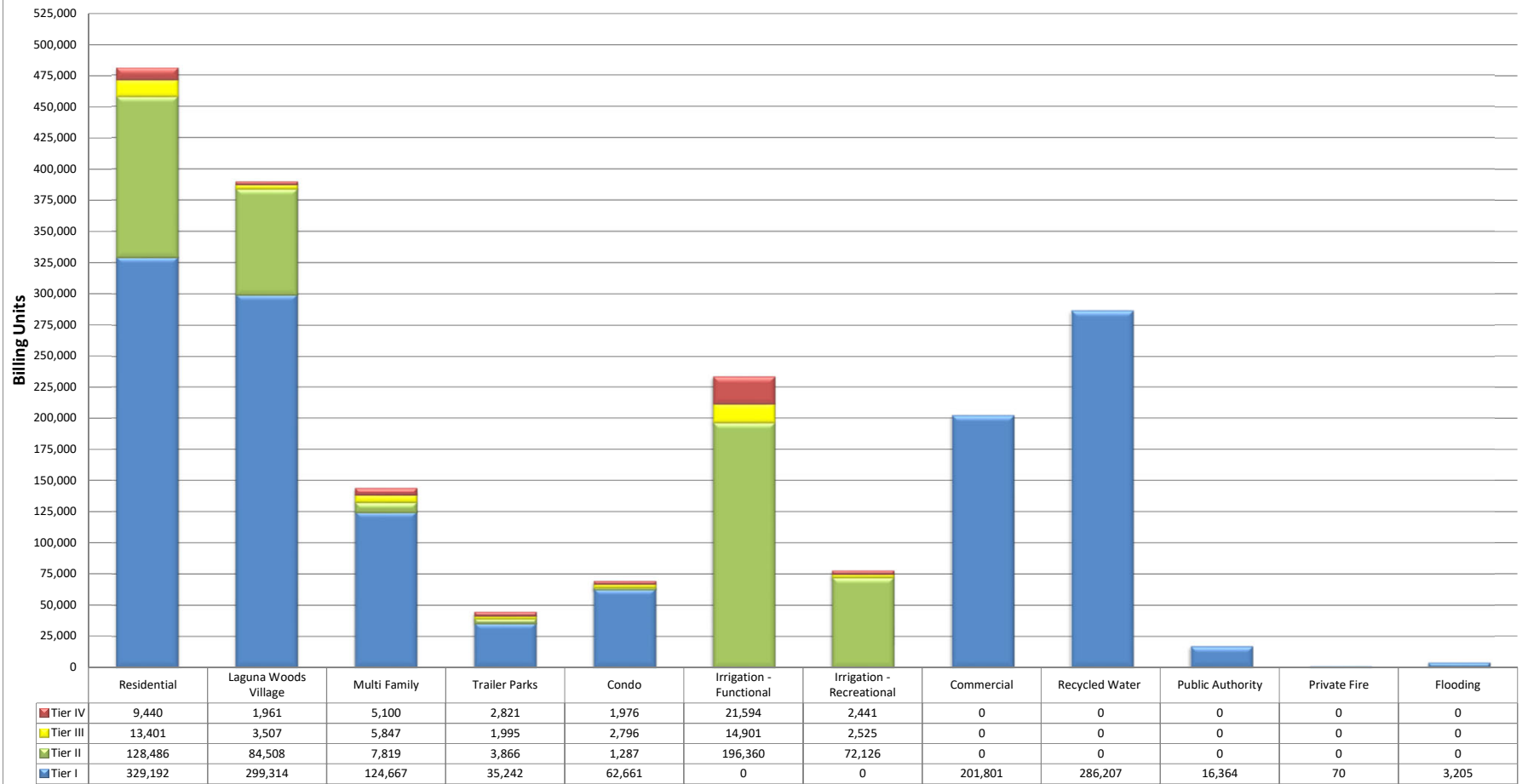


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
— FY 2021-2022	326,076	285,955	325,642	257,784	218,693	219,231	154,838	190,655	203,970	245,962	249,225	278,011
— FY 2022-2023	302,569	265,312	295,875	243,292	215,271	183,731	151,223					
% Change	-7.21%	-7.22%	-9.14%	-5.62%	-1.56%	-16.19%	-2.33%					
— 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
— FY 22/23 ET	7.15	6.91	5.23	3.60	2.92	1.82	2.02					

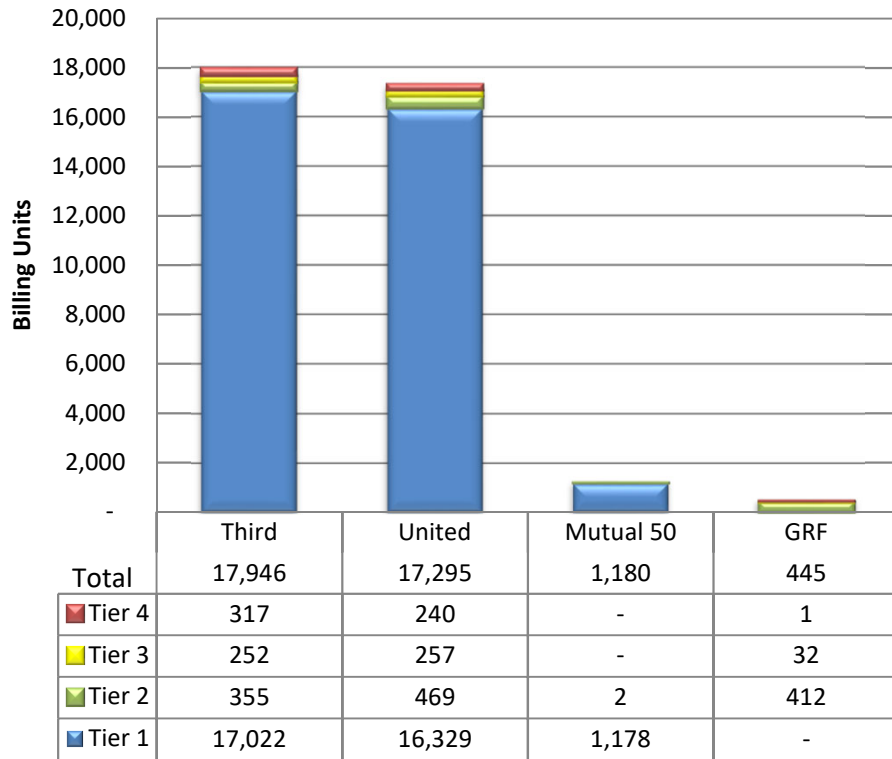
January 2023 Water Sales



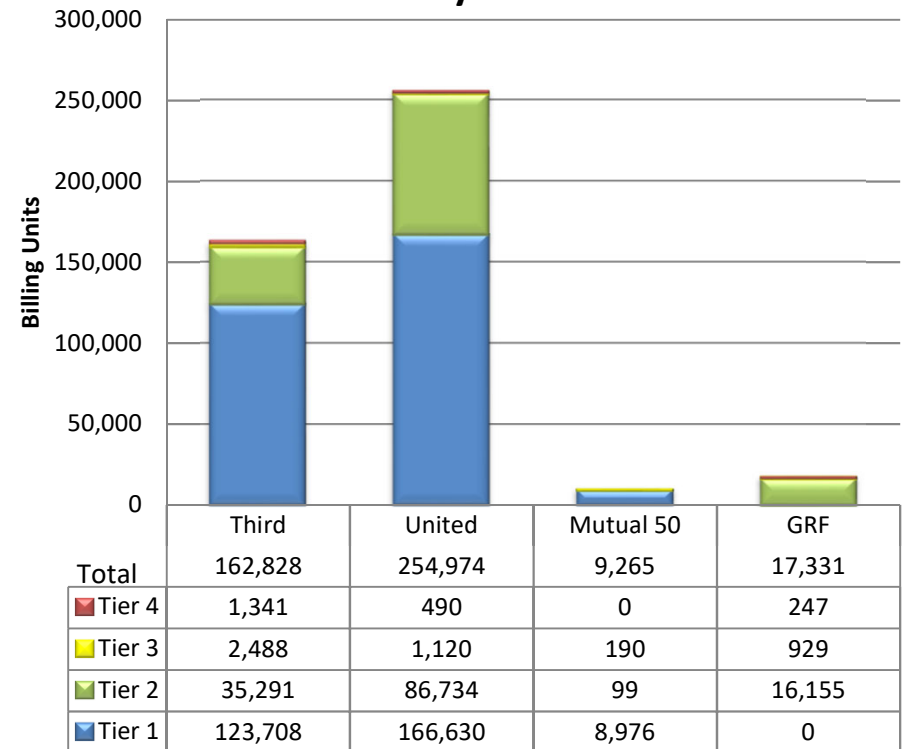
Year-to-Date Water Sales as of January 2023



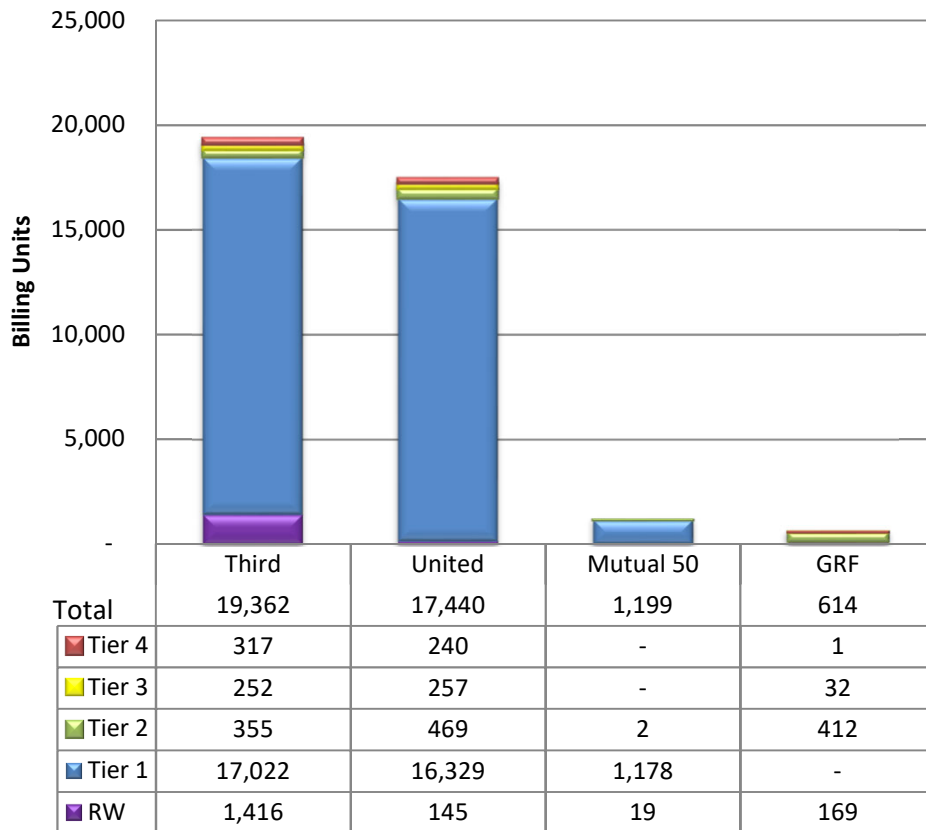
Laguna Woods Village January 2023 Water Sales



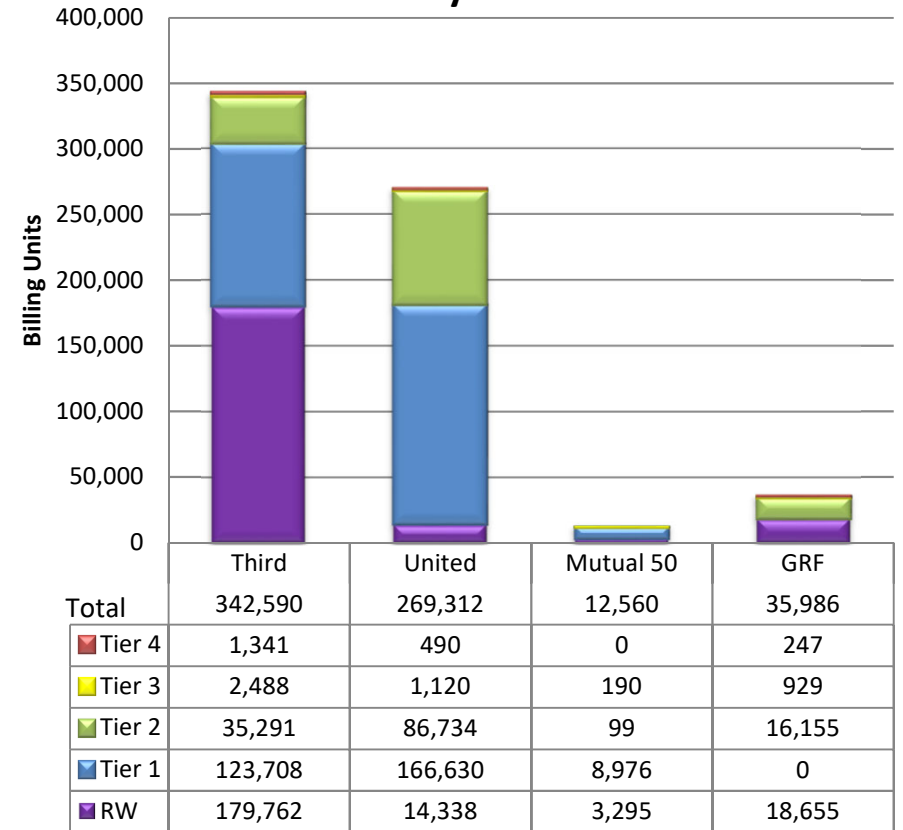
Laguna Woods Village Year-to-Date Water Sales January 2023



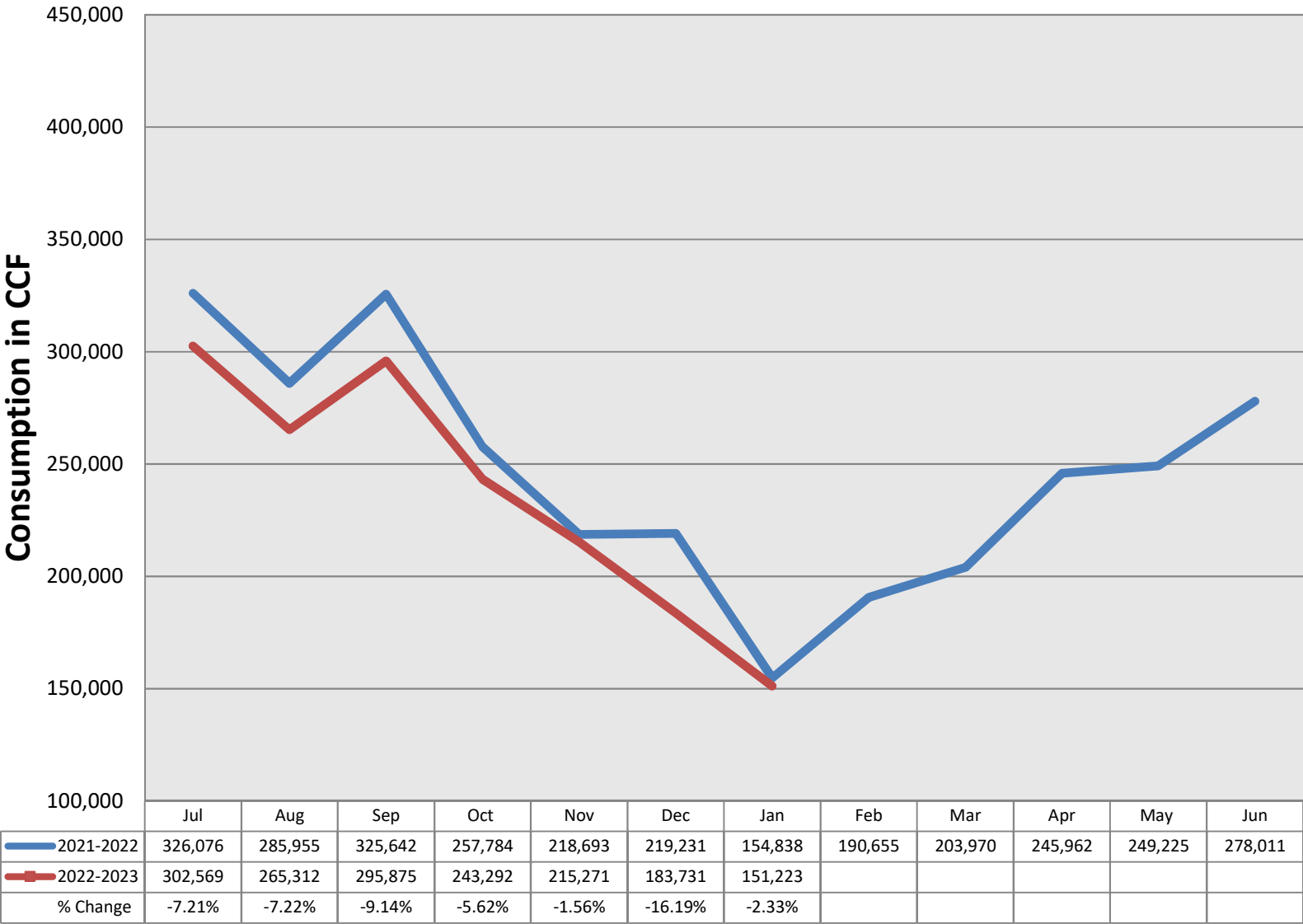
Laguna Woods Village January 2023 Water & RW Sales



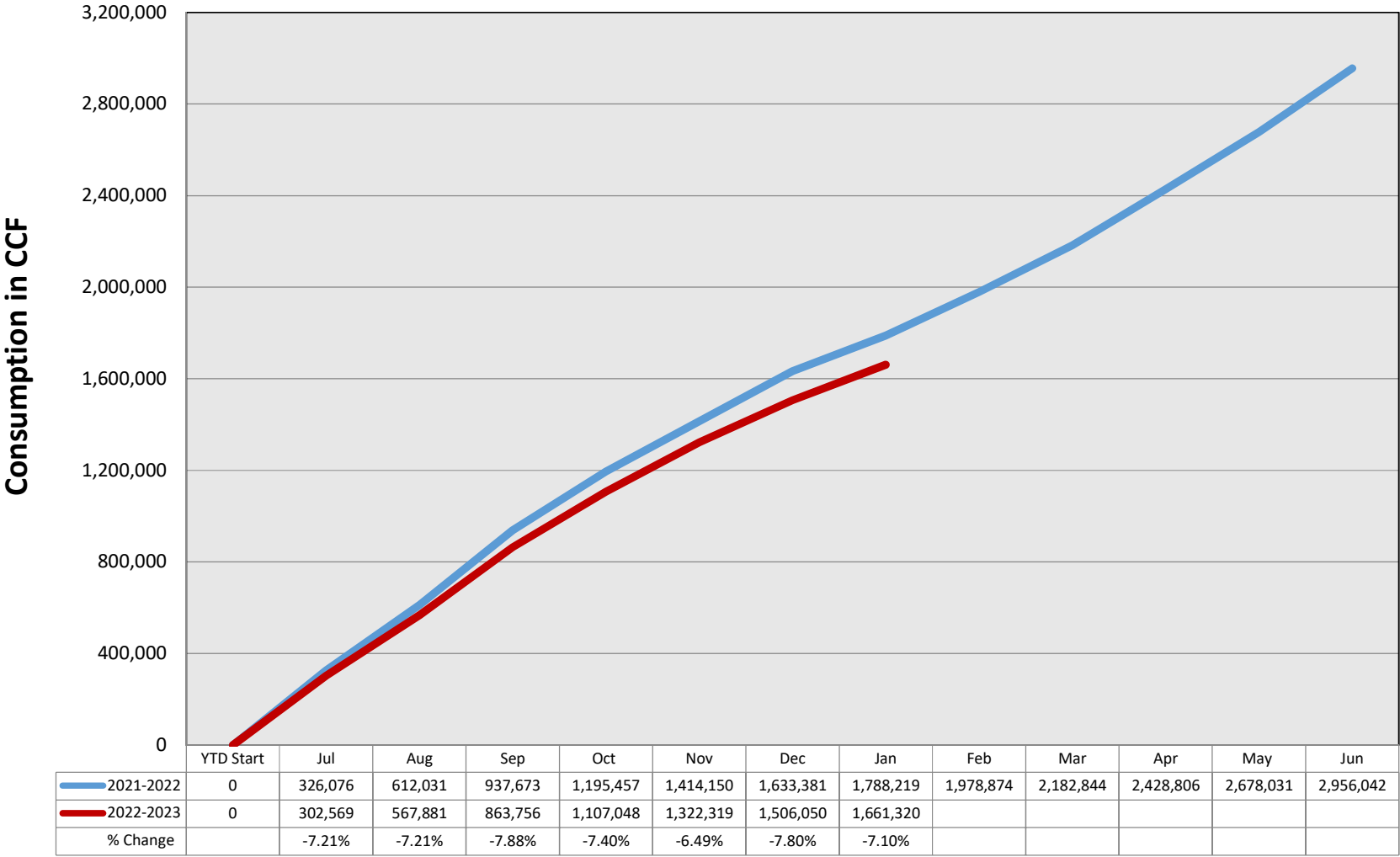
Laguna Woods Village Year-to-Date Water & RW Sales January 2023



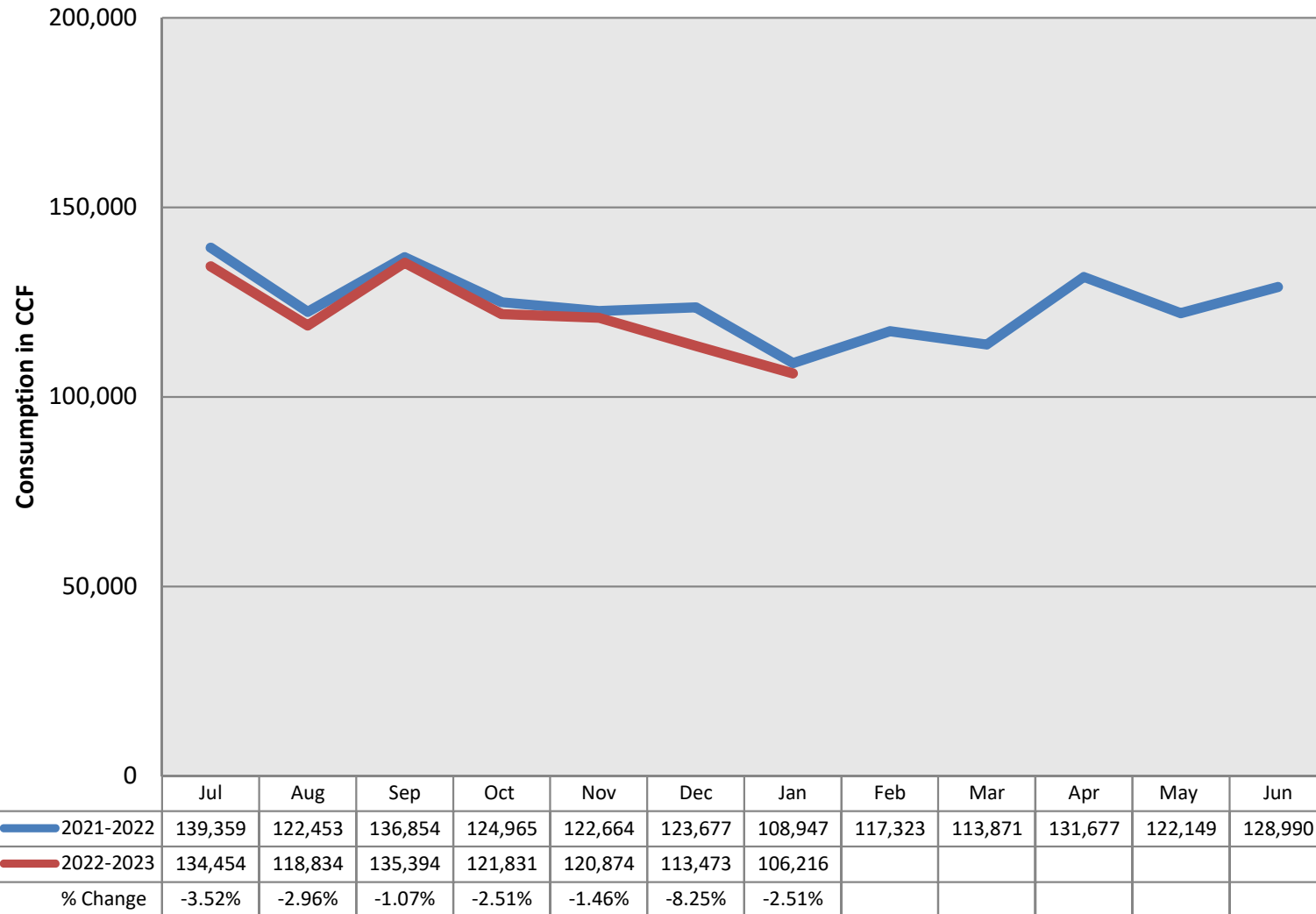
ETWD Total Consumption



ETWD Fiscal YTD Consumption



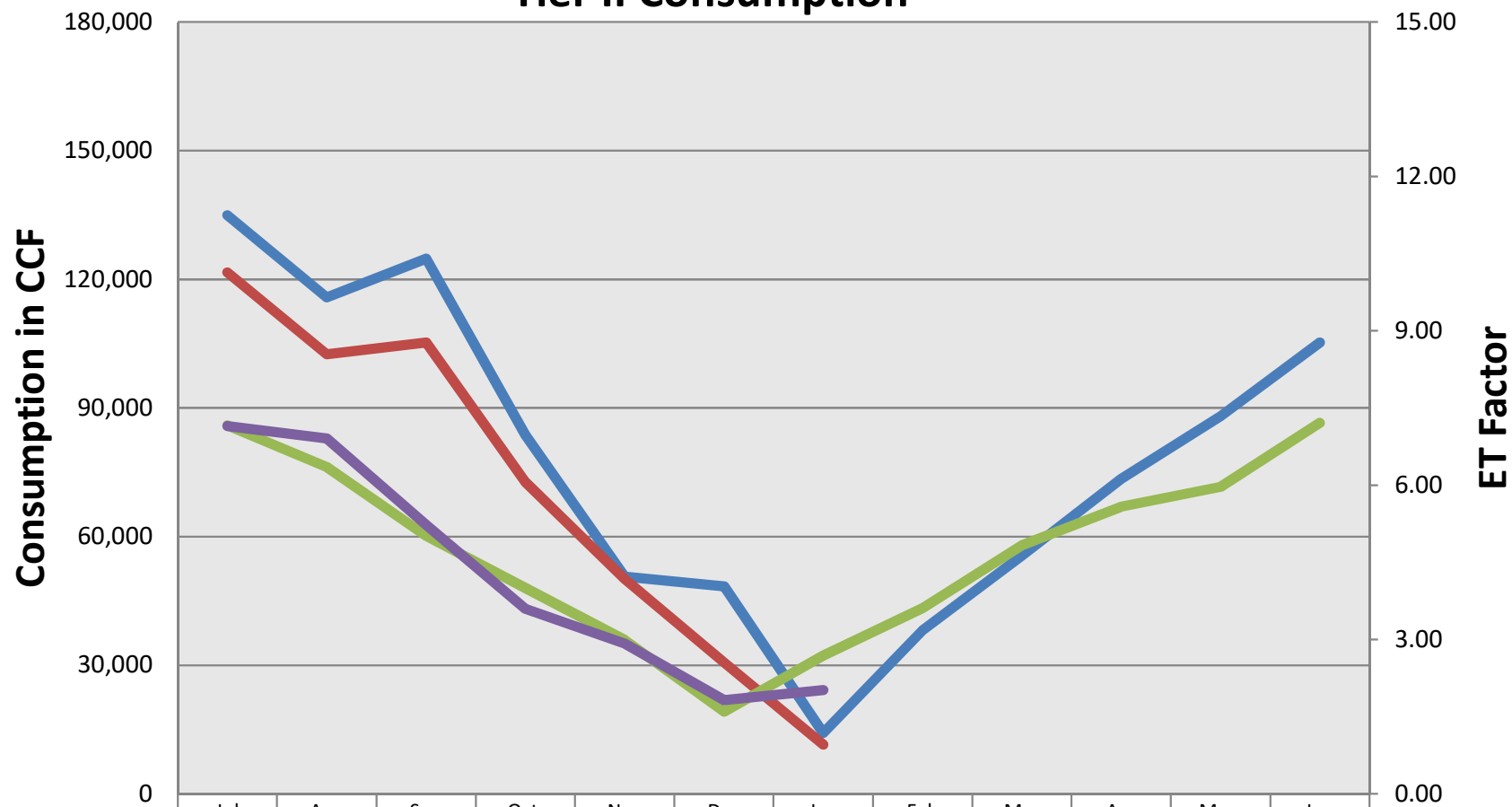
Tier I Consumption



Tier I Fiscal YTD Consumption

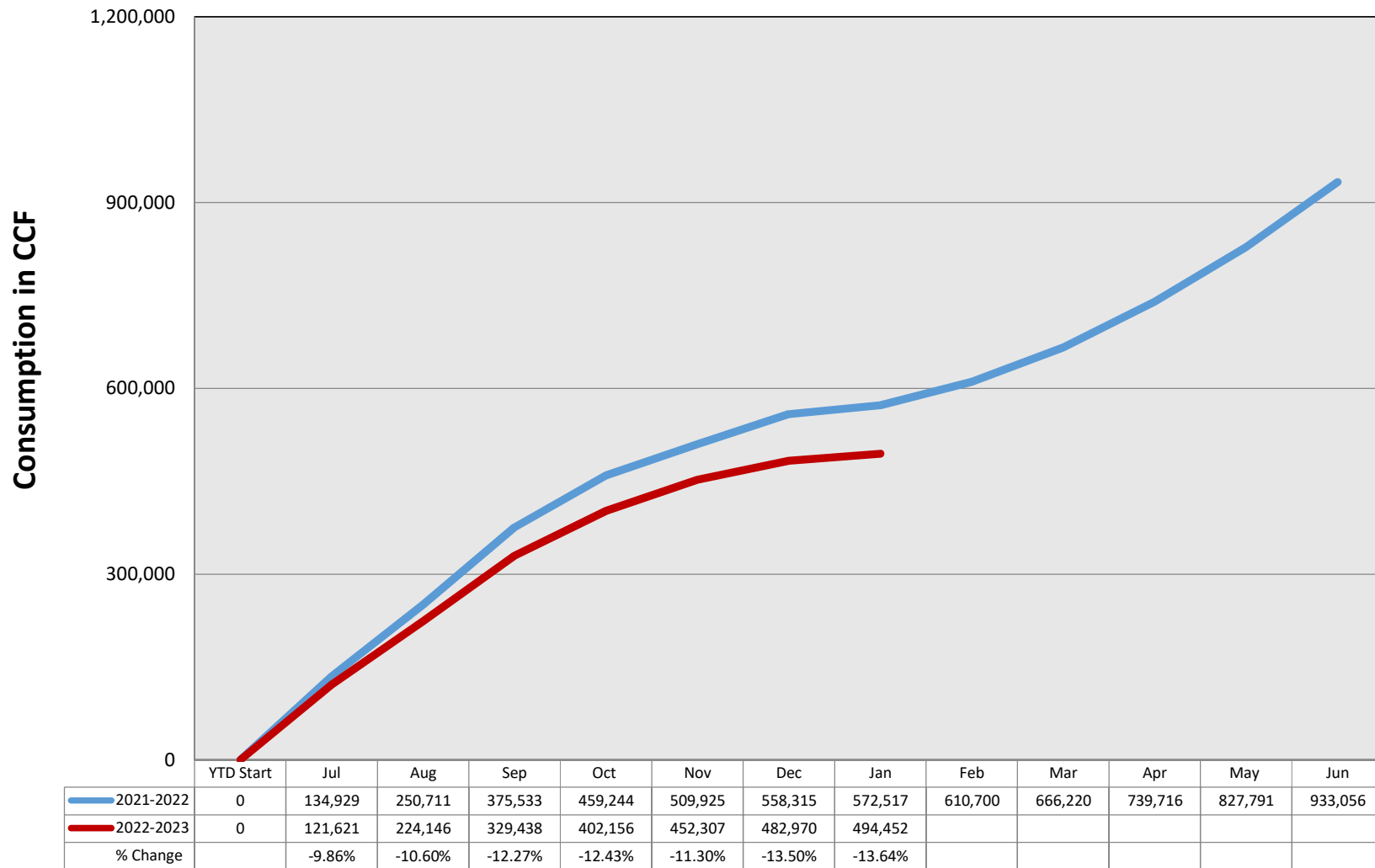


Tier II Consumption

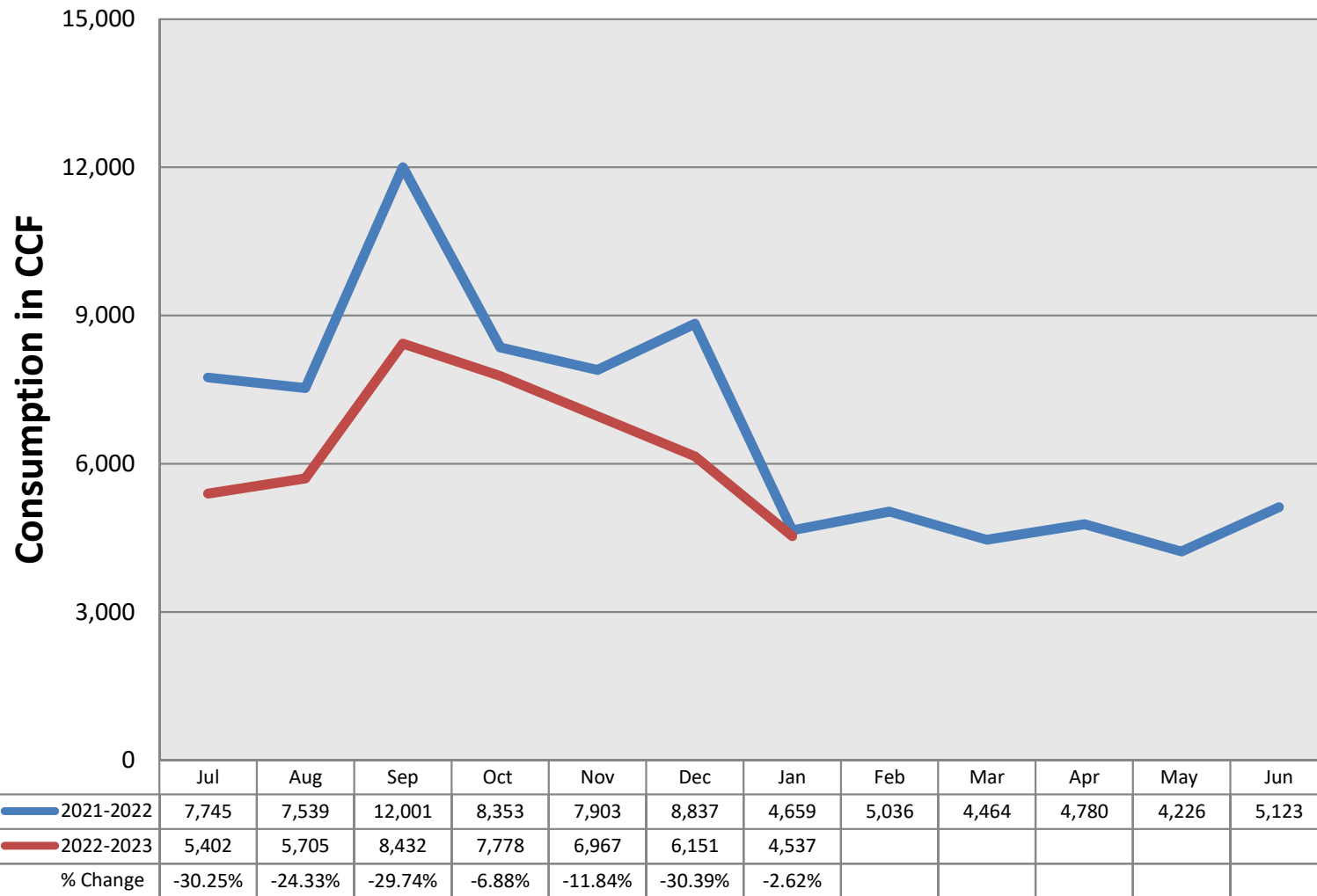


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	134,929	115,782	124,822	83,711	50,681	48,390	14,202	38,183	55,520	73,496	88,075	105,265
2022-2023	121,621	102,525	105,292	72,718	50,151	30,663	11,482					
% Change	-9.86%	-11.45%	-15.65%	-13.13%	-1.05%	-36.63%	-19.15%					
21/22 ET	7.16	6.35	5.01	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					

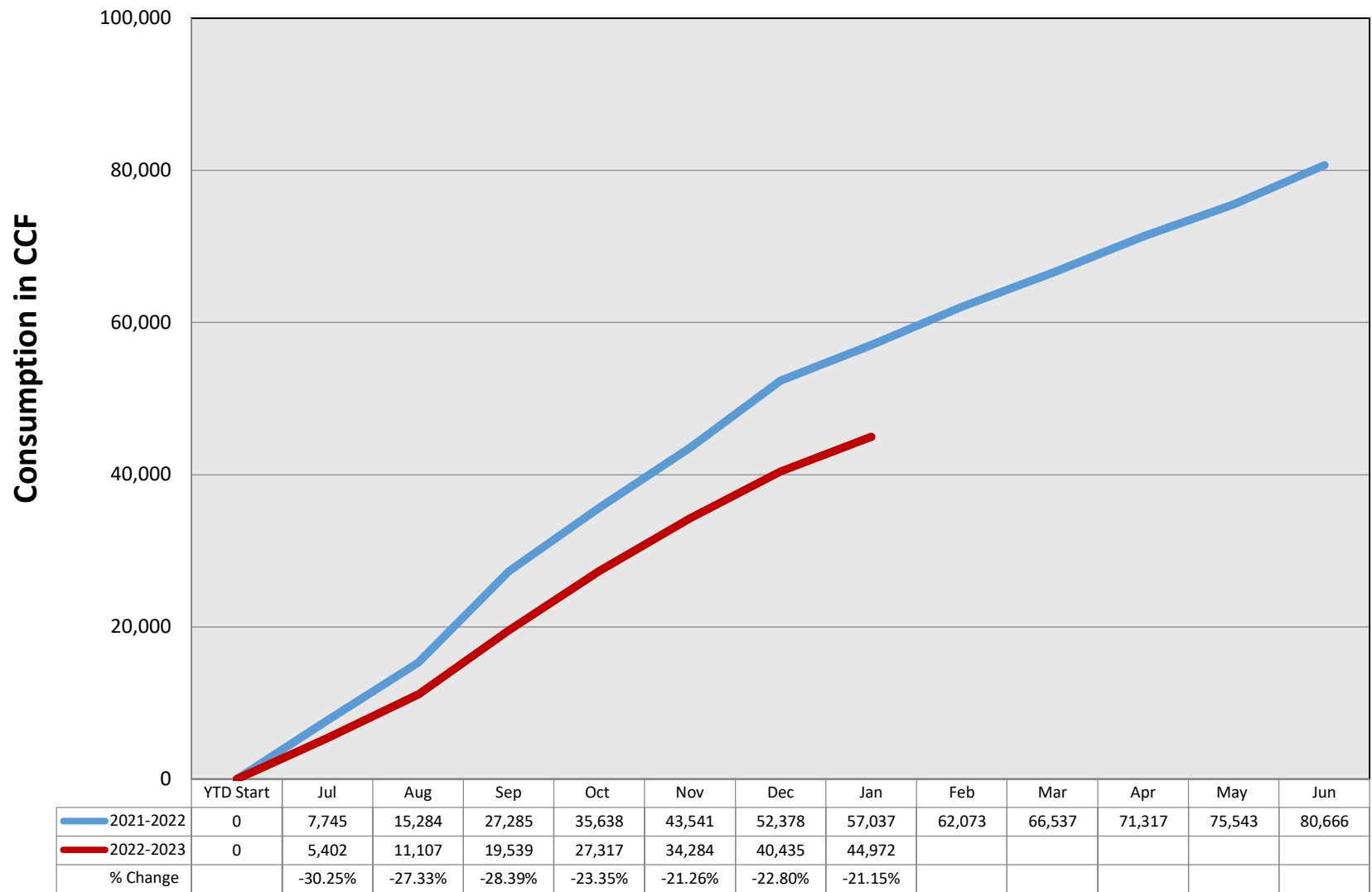
Tier II Fiscal YTD Consumption



Tier III Consumption



Tier III Fiscal YTD Consumption

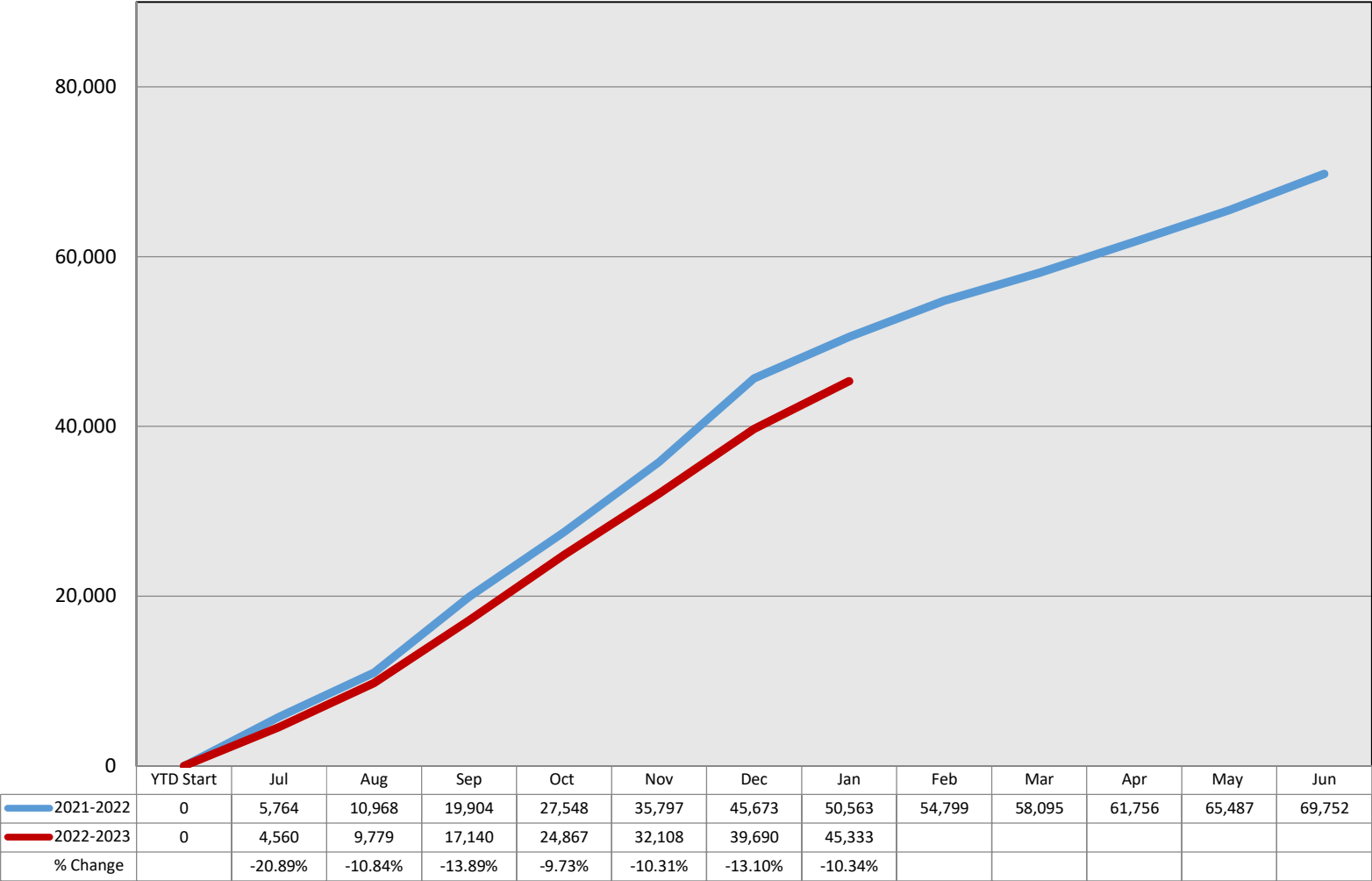


Tier IV Consumption

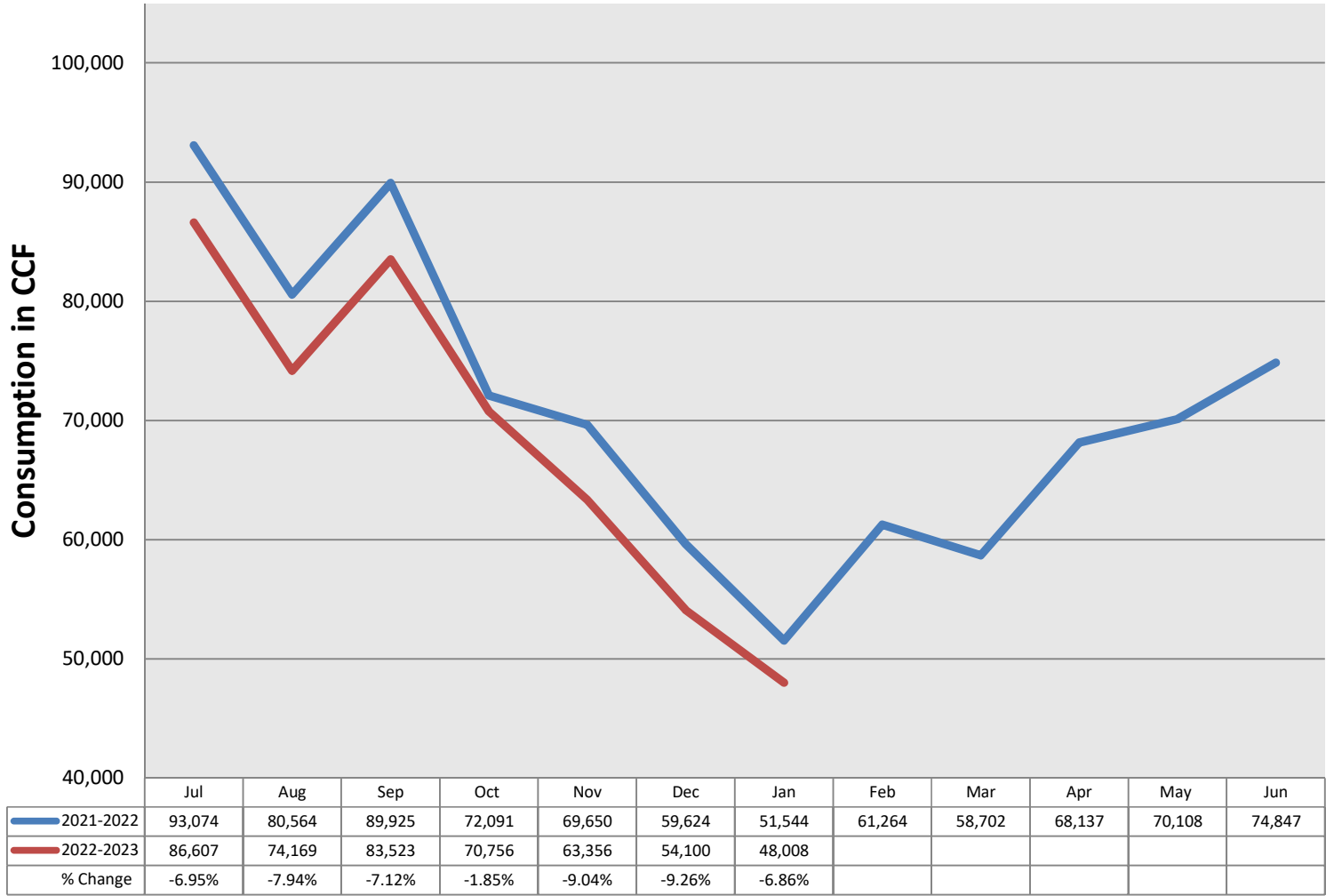


Tier IV Fiscal YTD Consumption

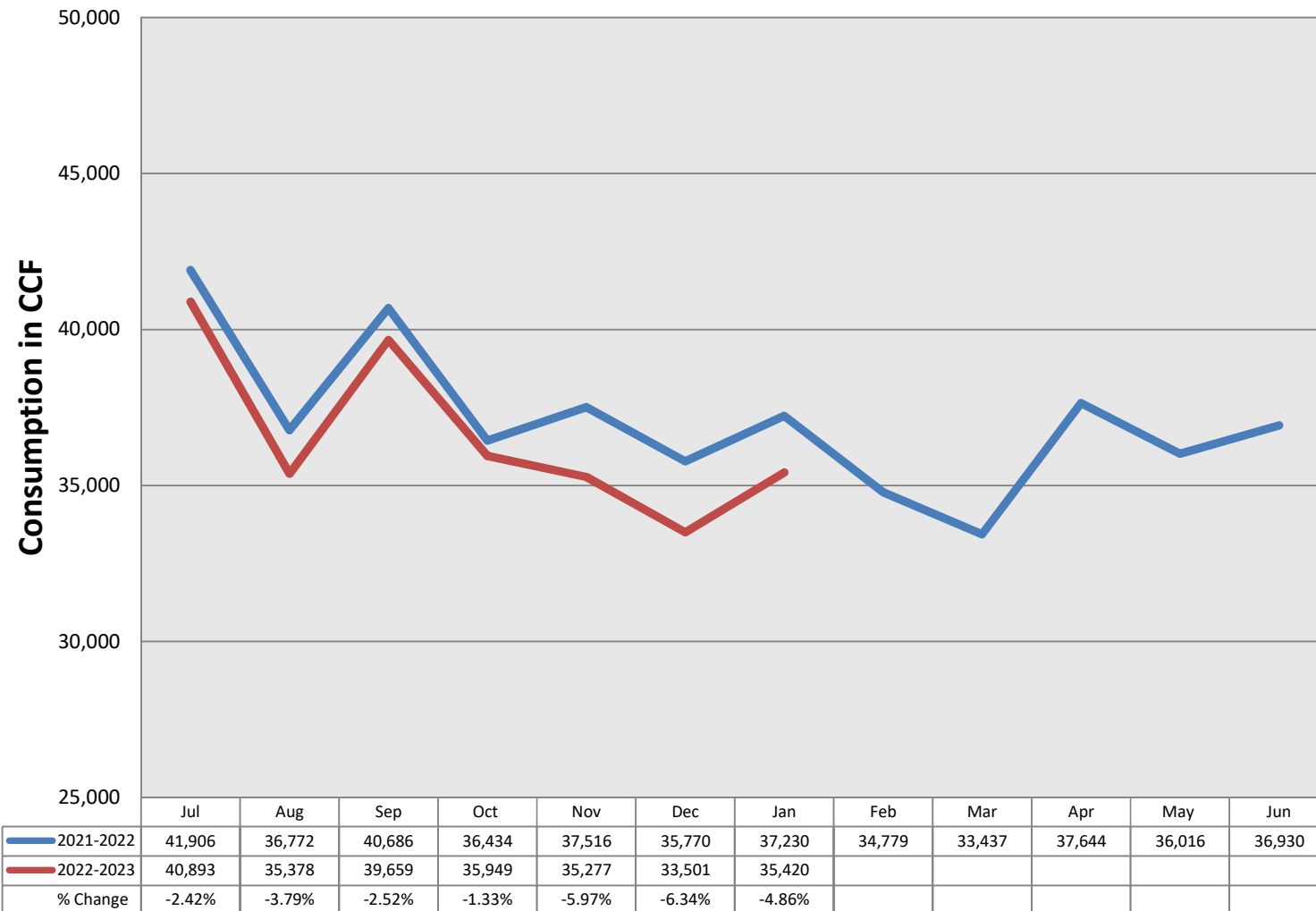
Consumption in CCF



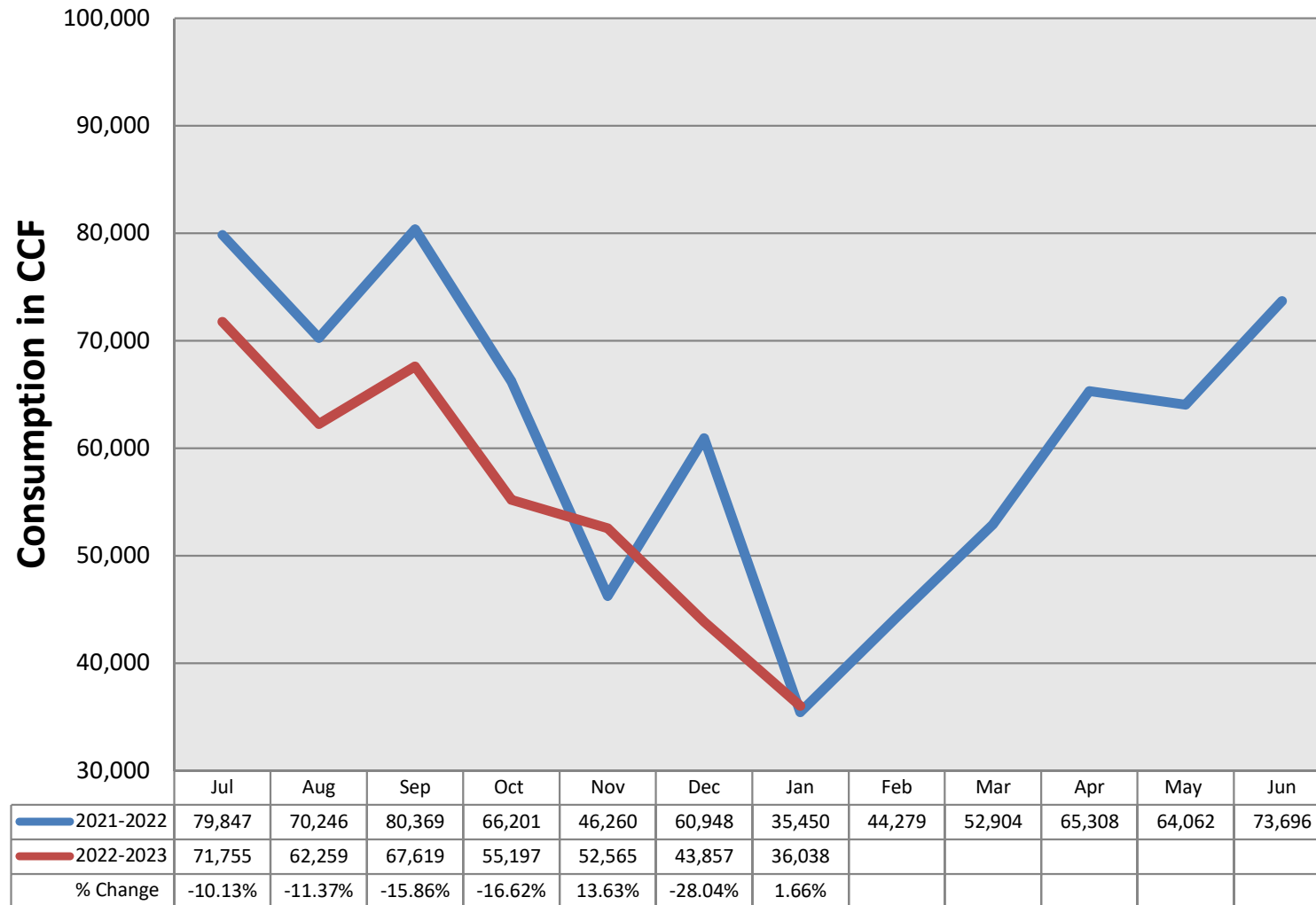
Single Family Residents Consumption



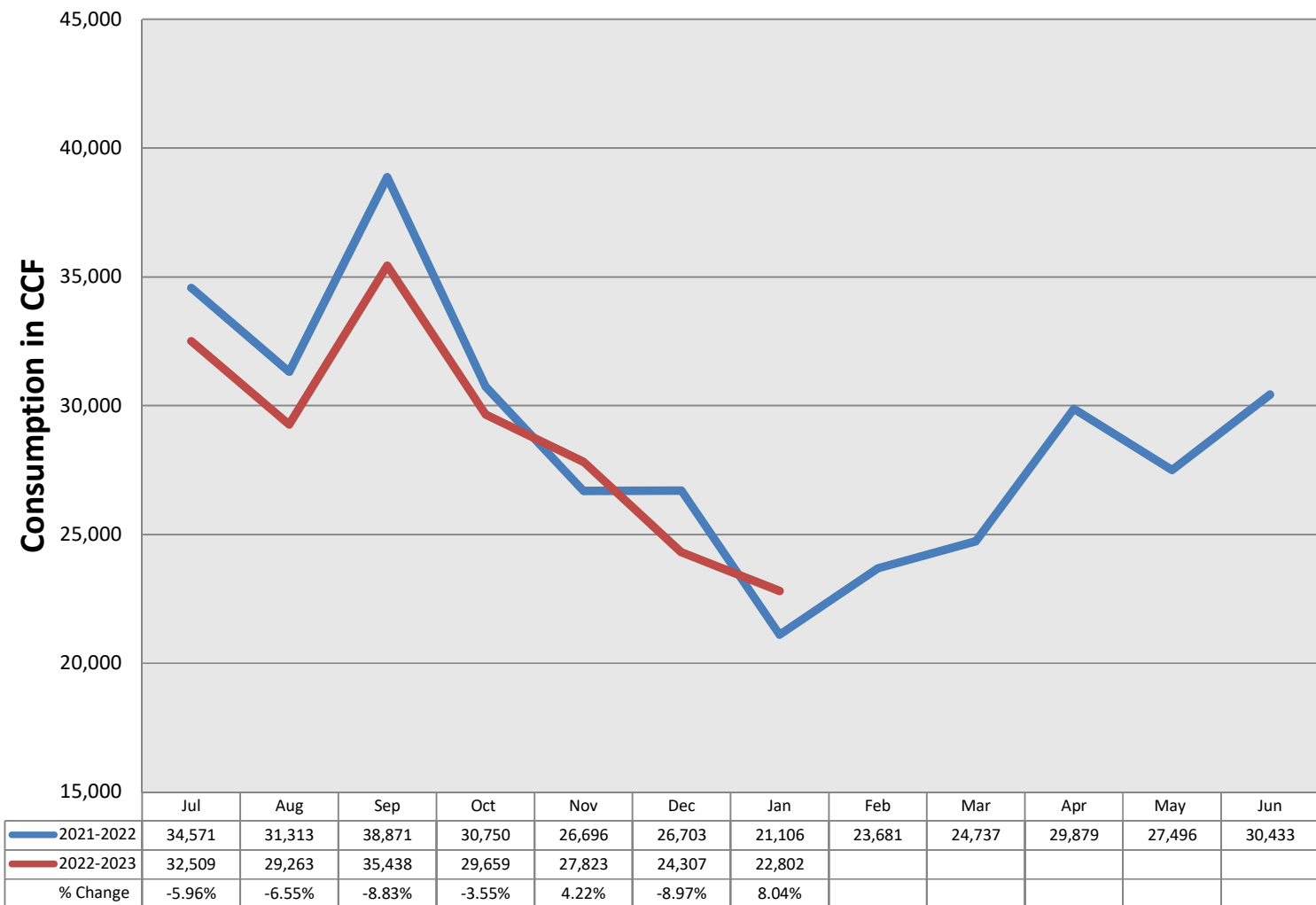
Multi Family Residents Consumption



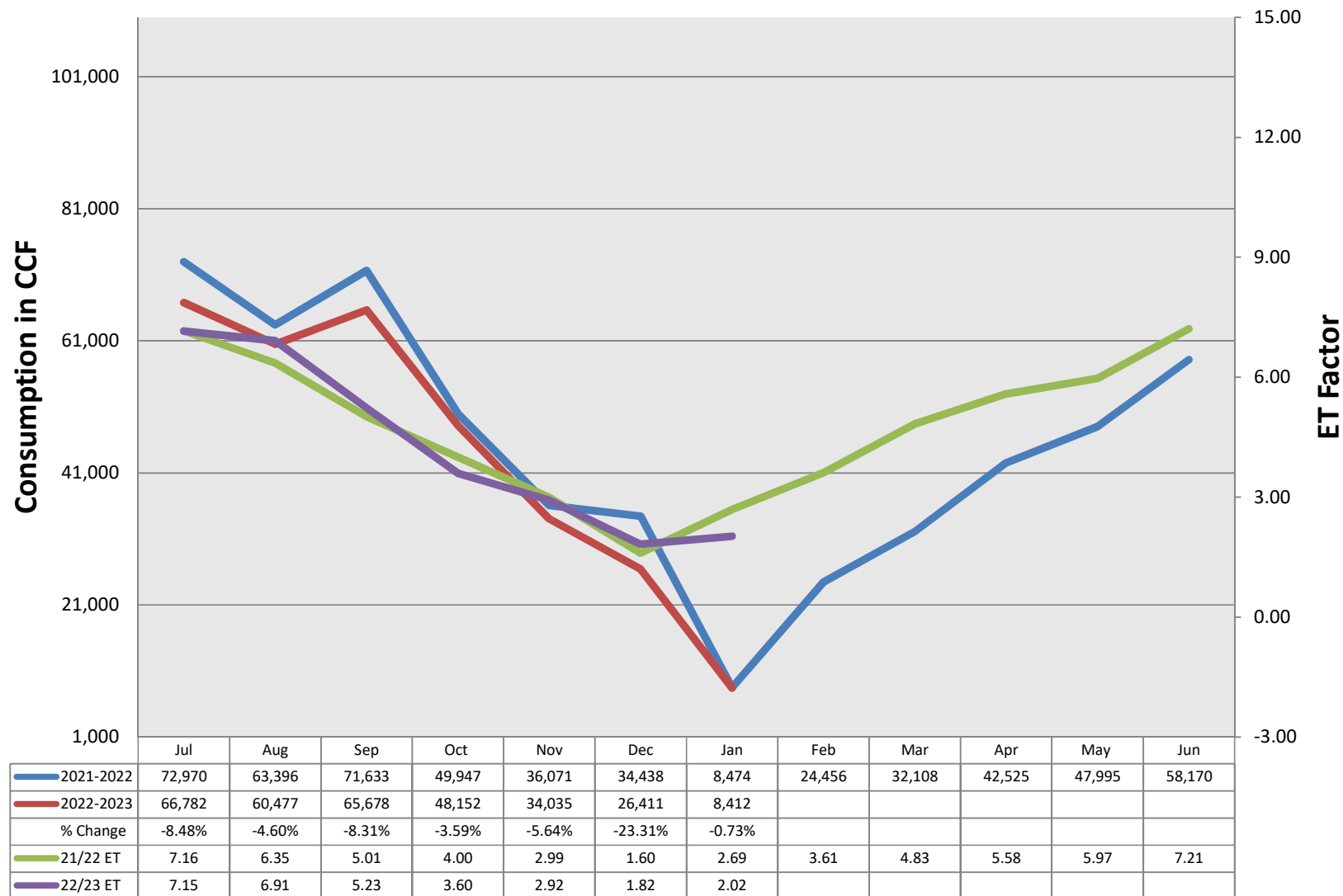
Laguna Woods Village Consumption (Excluding Dedicated Irrigation)



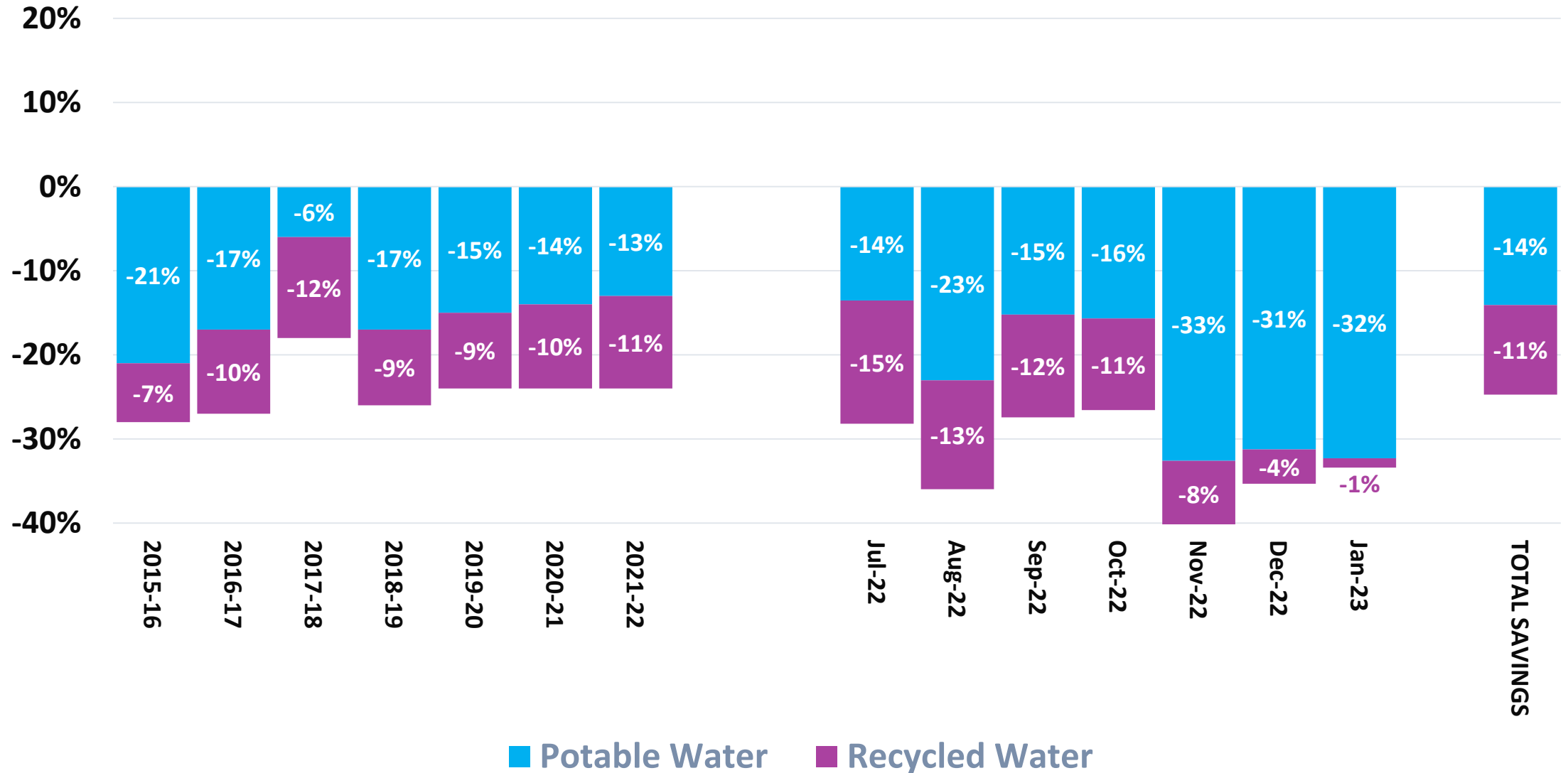
Commercial Consumption



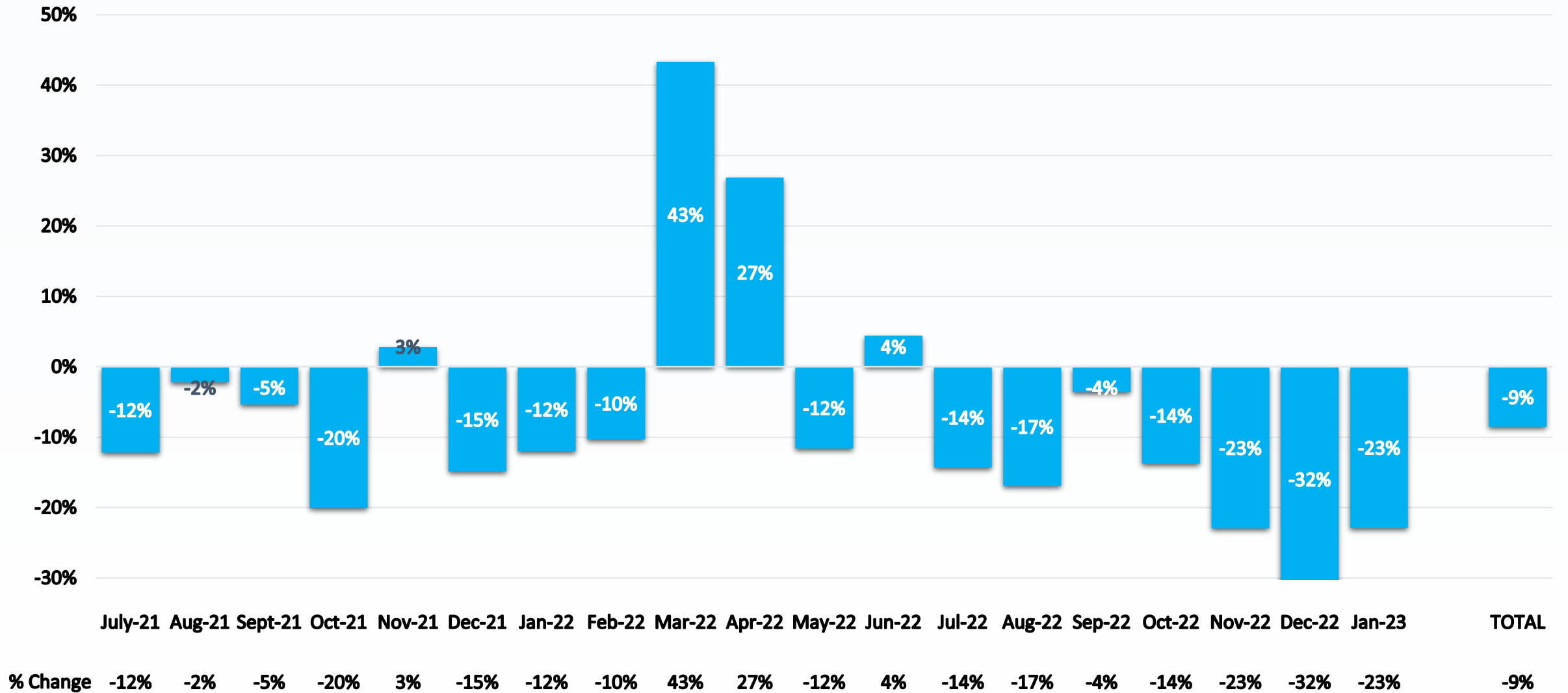
Dedicated Irrigation Consumption (including LWV)



ETWD WATER USAGE COMPARED TO 2013



ETWD WATER USAGE COMPARED TO 2020



**NOTICE OF SPECIAL MEETING
OF THE
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY
PROJECT COMMITTEE NO. 2**

**January 31, 2023
11:00 a.m.**

**PHYSICAL MEETING LOCATION:
34156 Del Obispo, Dana Point, CA 92629**

Join Zoom Meeting by clicking on the link below:

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

Meeting ID: 815 1971 8492
Passcode: 084891

One tap mobile
+16694449171,,81519718492#,,, *084891# US
+16699006833,,81519718492#,,, *084891# US (San Jose)

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

Find your local number: <https://socwa.zoom.us/j/kd1d9etNiK>

NOTICE IS HEREBY GIVEN THAT A SPECIAL MEETING OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY (SOCWA) PROJECT COMMITTEE 2 IS CALLED TO BE AN IN PERSON MEETING FOR BOARD MEMBERS (WITH A QUORUM OF THE BOARD ATTENDING IN PERSON). IN ACCORDANCE WITH AB 361, PUBLIC ATTENDEES ARE INVITED TO PARTICIPATE AND MAY JOIN THE MEETING VIA ONLINE FOR VISUAL INFORMATION ONLY (USE THE ZOOM LINK ABOVE) AND BY TELECONFERENCE PHONE NUMBER FOR AUDIO PARTICIPATION (USE THE PHONE NUMBERS ABOVE). THE IN PERSON MEETING WILL BE HELD JANUARY 31, 2023 AT 11:00 A.M. AND IS LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CALIFORNIA. NOTE THAT DURING THE PERIOD OF COMPLIANCE WITH AB 361 SOCWA BOARD MEMBERS MAY ELECT TO ATTEND VIA ZOOM AND TELECONFERENCE UTILIZING THE SAME CONNECTIONS AS THE PUBLIC ATTENDEES.

FOR PERSONS PARTICIPATING VIRTUALLY, NOTE THAT THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION.

PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMENTS. COMMENTS MAY ALSO BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM.

IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED

ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

AGENDA

1. Call Meeting to Order

2. Public Comments

THOSE WISHING TO ADDRESS THE PC 2 COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.

3. Consideration and Action on South OC Wastewater Optimization Blueprint

- a. Presentation by SMWD and MNWD
- b. Discussion regarding proposal as applicable to the JB Latham Plant and Project Committee No. 2.

Recommended Action: Board of Directors Discussion, Direction and Action.

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA PC 2 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 PC 2 Committee at the usual agenda posting location of the South Orange County Wastewater Authority and at www.socwa.com.

Dated this 26th day of January 26, 2023.



Danita Hirsh, Assistant Board Secretary
South Orange County Wastewater Authority

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



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

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

February 2, 2023
8:30 a.m.

PHYSICAL MEETING LOCATION:
34156 Del Obispo Street
Dana Point, CA 92629

IN ACCORDANCE WITH AB361, MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE AND MAY JOIN THE MEETING VIA ONLINE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE PHONE NUMBER FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION.

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**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.**

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Find your local number: <https://socwa.zoom.us/j/kby4BLWBNL>

South Orange County Wastewater Authority
Board of Directors Meeting
February 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.

PAGE NO

4. AB361 – ALLOWING FOR VIRTUAL MEETINGS – Findings and Approval to continue Virtual meetings 1

ACTION The staff recommends that the Board of Directors approve the following findings and actions:

- A. The Board hereby FINDS AND DECLARES that it has considered the circumstances of the proclaimed state of emergency declared by the Governor on March 4, 2020 relating to the Covid-19 pandemic;
- B. Based on the information provided in this staff report and pursuant to the information and discussion presented in the January 5, 2023 Board meeting, the Board hereby FINDS AND DECLARES that as a result of the Covid-19 pandemic, meeting in person presents imminent risks to the health or safety of attendees, and that state and/or local officials continue to impose or recommend measures to promote social distancing;
- C. The Board hereby makes these findings and approves for the upcoming 30-day period, February 2, 2023 through the earlier of either March 4, 2023 or the termination of the proclaimed state of emergency, regular and special meetings of the Board and its Standing Committees and Project Committees may continue to be virtual meetings held in accordance with AB 361's Public Notice and Public Participation requirements.
- D. The Board hereby delegates authority to its Standing Committees to make the necessary findings to continue holding virtual meetings in accordance with AB 361, if necessary, and provided that California continues to be in a proclaimed state of emergency.
- E. Staff is hereby directed to notice the upcoming Board and committee meetings as virtual meetings if the proclaimed state of emergency remains, unless staff makes special arrangements to hold the Board or committee meetings at a location that will allow for social distancing in which case the meeting may be held in person, and to place AB 361 findings on the agenda for consideration at the next occurring meeting(s) so that, at that point in time, a determination can be made regarding whether as a result of the emergency, meeting in person would continue to present imminent risks to the health or safety of attendees.

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

Agenda

PAGE NO

5. CLOSED SESSION

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

Agency Designated Representative:	Brad Neufeld of Varner & Brandt
Employee Organization:	SOCWA Employee's Association

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

Agency Designated Representative:	Brad Neufeld of Varner & Brandt
Unrepresented Employee:	General Manager

- C. Report out of Closed Session

6. CONSENT CALENDAR

- A. Minutes of Board of Directors21

- Board of Directors Meeting of December 8, 2022

ACTION The Board will be requested to approve subject Minutes.

- B. Minutes of Project Committee 2.....30

- Project Committee 2 Meeting of January 10, 2023

ACTION The PC 2 Board will be requested to approve subject Minutes;
and the Board will be requested to receive and file subject
Minutes.

- C. Operations Report (*December 2022*).....35

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 (*January 2023*)

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

- D. Capital Improvement Program Status Report (January 2023).....84

ACTION Information item; receive and file.

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

Agenda

PAGE NO

- E. Capital Improvement Construction Projects Progress and Change Order Report (January) [Project Committees 2, 15, & 17] 88
- ACTION Staff recommend that the Board of Directors receive and file the report as an information item.
- F. Stanley Convergent Security Solution Inc. was acquired by Securitas Technology [Project Committees 2, 15, & 17] 100
- ACTION Information Item.
- G. Contract Award for Aliso Creek Ocean Outfall Internal Seal Replacement Engineering Services During Construction [Project Committee 24] 101
- ACTION The Engineering Committee recommends that the PC 24 Board of Directors approve the contract to Black & Veatch in the amount of \$44,850 for the bidding and ESDC services for the ACOO Internal Seal Replacement project.
- H. Emergency Purchase of Replacement Bar Screen Drum for Coastal Treatment Plant (CTP) [Project Committee 15] 107
- ACTION Staff recommends that the Board of Directors ratify the purchase of the Parkson bar screen drum (Purchase Order #18567) in the amount of \$52,800, plus tax and shipping costs to be determined at the time of shipping.
7. ENGINEERING MATTERS
- A. JB Latham Treatment Plant Electrical System Upgrades Additional Design, Bidding and Engineering Service during Construction [Project Committee 2] 109
- ACTION The Engineering Committee recommends that the PC 2 Board of Directors approve the contract to Hazen and Sawyer in the amount of \$112,620 for the additional design services, and bidding and ESDC services in the amount of \$164,350 for a total of \$276,970 for the JB Latham Treatment Plant Electrical System Upgrades Project.
8. GENERAL MANAGER'S REPORTS
- A. Santa Margarita Water District (SMWD) / Moulton Niguel Water District (MNWD) Consideration and Action on South OC Wastewater Optimization Blueprint 118
- a. Presentation by SMWD and MNWD
- b. Discussion regarding proposal as applicable to the JB Latham Plant and Project Committee No. 2
- ACTION Board Discussion/Direction and Action.

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

Agenda

PAGE NO

- B. JPA & Project Committee Agreement Revisions.....
- a. Future of the Joint Powers Agreement / Future Direction for SOCWA
- ACTION Board Discussion/Direction and Action.
- C. Historical Recycled Water Development and State Opportunities..... 150
- Presentation by Amber Baylor, Director of Environmental Compliance
(provided *under separate cover*)
- ACTION Information Item.
- D. Tentative Time Schedule Order R9-2023-006 Comment Letter (*under separate cover*) 151
- ACTION Staff recommends that the Board of Directors authorize the Acting
General Manager to: 1) Sign the Comment letter as distributed, and
2) submit the final letter to be included in the Tentative TSO.
- E. General Counsel's Updates.....
- JPA Revision Process (Standing item)
- ACTION Board Discussion/Direction and Action.
- F. General Manager's Status Report 153
- ACTION Information Items, Board Discussion/Direction and Action.
- G. Upcoming Meetings Schedule:
- a. February 2, 2023 – Board of Directors Regular Meeting
- b. February 9, 2023 – Engineering Committee Meeting
- c. February 14, 2023 – PC 2 Committee / SOCWA Emp. Assoc. Meeting
- d. February 21, 2023 – Finance Committee Meeting
- e. February 21, 2023 – PC 2 Committee Meeting
- f. March 2, 2023 – Board of Directors Regular Meeting
- ACTION Information Item.

B. 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
MARCH 2, 2023

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

**February 9, 2023
8:30 a.m.**

Join Zoom Meeting by clicking on the link below:

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

Meeting ID: 895 9118 8898
Passcode: 575011

One tap mobile
+16694449171,,89591188898#,,,*575011# US
+16699006833,,89591188898#,,,*575011# US (San Jose)

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

Find your local number: <https://socwa.zoom.us/j/km9bsedBX>

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held by Teleconference on **February 2, 2023**. SOCWA staff will be present and conducting the call at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA ON THE WEB-SITE WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY

OFFICE”), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

AGENDA

1. Call Meeting to Order

2. Public Comments

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

PAGE NO.

3. Approval of Minutes..... 1

- Engineering Committee Meeting of November 10, 2022

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

4. Operations Report..... 5

Recommended Action: Information Item.

5. FY 2023-24 Flows and Solids Initial Budget 6

Recommended Action: Information Item.

6. Outfall Inspection Reports for Aliso Creek Ocean Outfall (ACOO) and San Juan Creek Ocean Outfall (SJCOO) [Project Committees 5 & 24] 10

Recommended Action: Information Item.

7. Contract Award for Regional Treatment Plant (RTP) Cogen Engine SCR Blower Installation [Project Committee 17] 115

Recommended Action: Staff recommends that the Engineering Committee recommend 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.

8. Contract Award for J.B. Latham Treatment Plant (JBL) Cogen Engine SCR Blower Installation [Project Committee 2]..... 119

Recommended Action: Staff recommends that the Engineering Committee recommend 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.

9. Capital Improvement Construction Projects Progress and Change Order Report (February) [Project Committees 2, 15, & 17]..... 123

Recommended Action: Staff recommends that the Engineering Committee approve the following Olsson Construction Change Order nos. 70 and 71 for a total of \$32,571.89, with no additional days, and a revised contract value of \$18,616,036.38 for the JB Latham Package B Project.

10. Contract Award for J.B. Latham Treatment Plant (JBL) Administration Building Roof Reconstruction Project [Project Committee 2]..... 135

Recommended Action: Staff recommends that the Engineering Committee recommend 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.

11. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Proposal [Project Committee 15]..... 137

Recommended Action: Discussion/Comments and Direction to Staff.

12. Contract Award for Coastal Treatment Plant (CTP) Pump Station Conceptual Design [Project Committee 15]..... 144

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

13. 2023-2204 Fiscal Year Capital Improvement Program Budget Calendar..... 168

Recommended Action: Information Item.

Adjournment

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

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

Dated this 3rd day of February 2023.



Danita Hirsh/ Assistant Board 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.



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

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

February 17, 2023
10:00 a.m.

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

IN ACCORDANCE WITH AB361, MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE AND MAY JOIN THE MEETING VIA ONLINE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE PHONE NUMBER FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION.

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***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.***

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Find your local number: <https://socwa.zoom.us/j/kSOM0fLwT>

Revised AGENDA
South Orange County Wastewater Authority
Board of Directors Special Meeting – Closed Session
February 17, 2023

1. CALL MEETING TO ORDER

2. 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. CLOSED SESSION

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

SOCWA Agency Designated Representatives:

- Brad Neufeld of Varner & Brandt
- Jim Burror

B. 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

C. 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

D. Report out of Closed Session

4. ADJOURNMENT

THE NEXT SOCWA BOARD MEETING
MARCH 2, 2023

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

**FINANCE COMMITTEE
TELECONFERENCE MEETING**

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

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NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called to be held by teleconference on **February 21, 2023**, located at 34156 Del Obispo Street, Dana Point, California.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA ON THE WEB-SITE WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY FINANCE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT TO DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE COMMITTEE ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE FINANCE COMMITTEE LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS

ARE DISTRIBUTED IMMEDIATELY PRIOR TO OR DURING THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

AGENDA

1. Call Meeting to Order

2. Public Comments

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

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3. Approval of Minutes..... 1

- Finance Committee Meeting of December 20, 2022

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

4. Financial Reports for the Month of December 2022 4

The reports included are as follows:

- Summary of Disbursements for December 2022 (Exhibit A)
- Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
- Schedule of Cash and Investments (Exhibit C)
- Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
- Budget vs. Actual Expenses:
 - Operations and Environmental Summary (Exhibit E-1)
 - Operations and Environmental by PC (E-1.2)
 - Residual Engineering, after transfer to Capital (Exhibit E-2)
 - Administration (Exhibit E-3)
 - Information Technology (IT) (Exhibit E-4)
- Mid-year Fringe Pool and Fringe Rate Forecast (Exhibit 5)

Recommended Action: Staff recommends that the Finance Committee recommend that the Board of Director ratify the December 2022 disbursements, \$4,037,903, for the period from December 1, 2022, through December 31, 2022, and to receive and file the December 2022 Financial Reports as submitted.

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5. Q2 FY 2022-23 Cash Roll Forward as of December 31, 2022.....25

Recommended Action: Staff recommends that the Finance Committee recommend that the Board of Directors receive and file the Q2 Fiscal Year 2022-23 Cash Roll Forward as submitted.

6. CalPERS Pension Plan and OPEB (Retiree Health) Unfunded Termination Liability Calculations & Future Cost of Contract Services39

- PowerPoint Presentation

Recommended Action: Staff request the Finance Committee's consideration, comments, and direction to staff.

7. FY 2023 – 24 Budget Assumptions54

- PowerPoint Presentation

Recommended Action: Staff request the Finance Committee's consideration, comments, and direction to staff.

8. Update on FY 2022 – 23 Capital Budget25

Recommended Action: Information Item.

Adjournment

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

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

Dated this 14th day of February 2023.



Danita Hirsh, Assistant Board Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

Assignment and Assumption Agreement (El Toro-IRWD SOCWA Facilities)

This Assignment and Assumption Agreement ("**Agreement**") is between Irvine Ranch Water District ("**IRWD**") and El Toro Water District ("**El Toro**"), each of which are a "**Party**," and together are the "**Parties**." This Agreement is effective as of July 1, 2023 ("**Effective Date**").

A. Overview. The South Orange County Wastewater Authority ("**SOCWA**") is a Joint Powers Agency made up of several water purveyors and/or wastewater service providers within the San Juan Creek and/or Aliso Creek watershed. SOCWA owns and operates wastewater treatment facilities, transmission mains, and outfalls. SOCWA was created pursuant to the Joint Exercise of Powers Agreement Creating South Orange County Wastewater Authority ("**SOCWA**") dated July 1, 2001 (the "**Joint Powers Agreement**"). The current members of SOCWA are the City of Laguna Beach, the City of San Clemente, El Toro, Emerald Bay Services District, IRWD, Moulton Niguel Water District, Santa Margarita Water District, South Coast Water District, and Trabuco Canyon Water District (collectively, the "**Member Agencies**"). The City of San Juan Capistrano/Capistrano Valley Water District assigned all of its rights, title, interests, duties and obligations arising from its participation in SOCWA to Santa Margarita Water District effective July 1, 2022.

B. Project Committees. If a SOCWA project or facility involves less than all of the SOCWA's Member Agencies, the affected Member Agencies form a "**Project Committee**" (or "**PC**") that is responsible for the construction, operation, and maintenance of that facility. IRWD is currently a member of PC 8 (Pretreatment Program), PC 21 (Effluent Transmission Main), and PC 24 (Aliso Creek Ocean Outfall), and is a former or non-participating member of PC 12 (Water Reclamation Permits). El Toro is also a member of these four PCs, among others.

C. Project Committee 21 (Effluent Transmission Main). IRWD, El Toro and Moulton Niguel (together, the "**PC 21 Member Agencies**") are the participating Member Agencies of Project Committee 21 ("**PC 21**") (originally established as Project Committee No. 2), which governs Reaches B, C, D, and E of the Effluent Transmission Main (the "**Effluent Transmission Main**"). The Parties (or their predecessors) are signatories to the *Agreement for Design, Construction, Use, Operation, Maintenance, Repair and Replacement of Aliso Creek Interceptor Sewer and Pumping Stations for Aliso Water Management Agency* ("**AWMA**") *For and On Behalf of Project Committee No. 2*, dated January 22, 1975, as amended on October 7, 1999; October 2, 2003; and May 19, 2005; as well as the *Memorandum of Understanding Regarding Allocation of Costs, Grant Funds, and the Use of Facilities Funded by Project Committee No. 2* (together, the "**PC 2/21 Agreement**"). Pursuant to the terms of the PC 2/21 Agreement, the Participating Members (as defined in those agreements) collaborated with AWMA to design, construct, operate, and maintain the Effluent Transmission Main. AWMA was a joint powers agency established for the purpose of constructing a regional program for wastewater collection, treatment, and disposal. It was consolidated with two other regional water joint powers authorities to form SOCWA in 2001.

D. PC 21 Facility Usage Allocations. SOCWA's Effluent Transmission Main is segmented into 4 reaches, known as Reaches B, C, D and E. Pursuant to the PC 2/21 Agreements, in Reaches B, C, and D, IRWD and El Toro each maintain 50% capacity allocation. In Reach E, IRWD and El Toro each maintain a 23.29% capacity allocation, and Moulton Niguel maintains 53.42% capacity allocation. In addition to the capacity allocation, the PC 2/21 Agreement's Amendment No. 3 provides the terms and conditions under which IRWD may discharge its Shallow Groundwater Unit Effluent ("**SGU Effluent**") and Reverse Osmosis Brine Discharge ("**RO Brine Discharge**") from the Irvine Desalter Project Potable Treatment Plant into the Effluent Transmission Main.

E. Project Committee 24 (Aliso Creek Ocean Outfall). IRWD, El Toro, Moulton Niguel, South Coast, Laguna Beach, and Emerald Bay (together, the "**PC 24 Member Agencies**") are the participating Member Agencies of Project Committee 24 ("**PC 24**") (originally established as Project Committee No. 11-A), which governs the Aliso Creek Ocean Outfall. The PC 24 Participating Members are signatories to the *Agreement for Acquisition of Capacity Construction, Use, Operation, and Maintenance of Outfall Facilities For Aliso Water Management Agency and For Such Agency On Behalf of Project Committee No. 11-A*, dated September 24, 1976, and subsequently amended five times between November 1976 and June, 1996 (the "**PC 24 Agreement**"). The PC 24 Agreement governed the financing, construction, operation, and maintenance of the Aliso Creek Ocean Outfall, as well as set capacity and use restrictions for each Participating Member Agency in PC 24.

F. PC 24 Facility Capacity Allocations. Pursuant to the PC 24 Agreement and the agreement of the PC 24 Member Agencies, the current capacity allocations of the 50.0 million gallons per day peak flow in the Aliso Creek Ocean Outfall are as follows:

IRWD	15.76%
El Toro	16.302%
Moulton Niguel	43.848%
South Coast	12.31%
Laguna Beach	11.00%
Emerald Bay	0.78%
Total	100.00%

G. Project Committee 8 (Pretreatment Program). SOCWA's Project Committee 8 ("**PC 8**") manages SOCWA's Pretreatment Program, including NPDES permits, for its facilities including the Effluent Transmission Main and Aliso Creek Ocean Outfall. IRWD, as successor to the Los Alisos Water District, and SOCWA, as the successor to AWMA, are parties to the 1994 *Interagency Agreement Between the Aliso Water Management Agency and the Los Alisos Water District Facilitating the Pretreatment Program and Contracting With AWMA To Operate The Los Alisos Pretreatment Program* (the "**Interagency Agreement**"), attached as Exhibit 1, that provides for joint administration and enforcement of an industrial pretreatment program designed to ensure compliance with NPDES and other regulatory requirements in connection with IRWD's use of the Effluent Transmission Main and Aliso Creek Ocean Outfall. In compliance with federal and state law, IRWD intends to continue to fulfill its duties relating to pretreatment, including the adoption and enforcement of a Pretreatment Ordinance, consistent with SOCWA's pretreatment program and the Interagency Agreement.

H. Project Committee 12 (Water Reclamation Permits). IRWD is a former or non-participating member of PC 12, which handles recycled water permitting. Although IRWD ceased participation in PC 12 in 2018, IRWD has continuing unfunded actuarial liability arising out of unfunded pension obligations ("**UAL**") and other post-employment employment benefits ("**OPEB**") obligations.

I. IRWD Withdrawal from SOCWA. IRWD has determined that it could achieve efficiencies with respect to its participation in and use of SOCWA's programs and facilities by assigning its interests in SOCWA to El Toro, withdrawing from SOCWA, and contracting directly with El Toro for use of capacity in the Effluent Transmission Main and Aliso Creek Ocean Outfall. On or before February 15, 2023 IRWD will give notice to SOCWA and all its member agencies of its intent to withdraw from SOCWA effective June 30, 2023. Coterminous with the effectiveness of that withdrawal, IRWD hereby assigns all of its rights and duties in SOCWA and

its facilities to El Toro, except that IRWD will continue to comply with SOCWA's pretreatment program requirements and any future amendments or modifications to the pretreatment requirements pursuant to IRWD's *Interagency Agreement* with SOCWA.

J. **Assignment of Capacity to El Toro.** Pursuant to this Agreement, IRWD will assign to El Toro, and El Toro will accept from IRWD, IRWD's 50% capacity allocation in Reaches B, C, and D of the Effluent Transmission Main; IRWD's 23.29% capacity allocation in Reach E of the Effluent Transmission Main; IRWD's 15.76% capacity allocation in the Aliso Creek Ocean Outfall; and all of IRWD's rights and obligations pursuant to the PC 2/21 and PC 24 Agreements, including the right to discharge SGU Effluent RO and Brine Discharge into the Effluent Transmission Main and Aliso Creek Ocean Outfall.

The Parties therefore agree as follows:

1. **Purpose.** The Parties intend by this Agreement to provide for: IRWD's assignment of its rights and duties in SOCWA and its facilities to El Toro; IRWD's payment to El Toro for all SOCWA liabilities arising out of IRWD's use of SOCWA facilities, programs, and services; IRWD's payment of all UAL/OPEB liabilities associated with IRWD's historic membership in SOCWA; IRWD's concurrent withdrawal as a member agency from SOCWA; and confirmation of IRWD's continued participation in the *Interagency Agreement* relating to the NPDES permit and related pre-treatment program requirements.

2. **Assignment and Acceptance of Capacity Interests.** IRWD hereby assigns to El Toro and El Toro hereby accepts all of IRWD's capacity interests in SOCWA facilities including specifically the interests in the Effluent Transmission Main and Aliso Creek Ocean Outfall described above, and all rights and obligations pursuant to the PC 2/21 and PC 24 Agreements. The resulting capacity allocations within the Effluent Transmission Main and the Aliso Creek Ocean Outfall, effective as of the Effective Date, are as follows:

Effluent Transmission Main (PC 2/21) Capacity Allocation Following Assignment		
Reaches B, C, D	El Toro	100%
Reach E	El Toro	46.58%
	Moulton Niguel	53.42%

Aliso Creek Ocean Outfall (PC 24) Capacity Allocation Following Assignment	
El Toro	32.062%
Moulton Niguel	43.848%
South Coast	12.31%
Laguna Beach	11.00%
Emerald Bay	0.78%
Total	100.00%

3. **Continued Discharge Capacity.** IRWD shall have the right to continue to discharge into the Effluent Transmission Main and Aliso Creek Ocean Outfall in an amount not to exceed its pre-assignment capacity allocation, including its discharge of SGU Effluent and RO Brine Discharge from the Irvine Desalter Project.

4. **Withdrawal.** As of the Effective Date, IRWD is no longer a member of SOCWA and therefore no longer a member of the SOCWA Board of Directors, Project Committees 8, 12, 21, 24, or any other committee. Pursuant to the terms of this Agreement, El Toro will assume all of IRWD's rights and duties in connection with SOCWA and its Project Committees (including the right to discharge SGU Effluent and RO Brine Discharge into the Effluent Transmission Main and Aliso Creek Ocean Outfall) and UAL/OPEB obligations, except for compliance with the Interagency Agreement.

5. **Effect on SOCWA Board Membership.** Nothing in this Agreement is intended to affect the governance of SOCWA, except that upon the Effective Date IRWD will cease being a Member Agency. El Toro will not obtain an additional seat on the SOCWA Board of Directors or any Project Committee as a result of this assignment and assumption; the Parties understand that the number of directors on the SOCWA Board of Directors will be reduced by one director as a result of IRWD's withdrawal.

6. **Costs.**

6.1 After the Effective Date, any costs relating to IRWD's former capacity or its historic UAL/OPEB liabilities will be borne by El Toro pursuant to Section 6.2 and 6.3. Furthermore, the Parties understand that general fund costs will be allocated among remaining SOCWA member agencies based on a formula that does not allocate IRWD's former general fund costs solely to El Toro, but instead under a formula that allocates those costs either equally among the remaining agencies, or based on a formula consistent with that used in the 2022-23 fiscal year among Member Agencies.

6.2 **UAL/OPEB Liability.** IRWD acknowledges its responsibility to pay for IRWD's proportional share of any UAL/OPEB arising out of IRWD's participation in SOCWA, including its historical participation in PC 8, 12, 21, and 24. IRWD hereby assigns and El Toro hereby accepts IRWD's share of UAL/OPEB liability subject to IRWD's duty to reimburse El Toro for those costs.

6.3 The annual costs associated with the operation and maintenance of the Effluent Transmission Main and Aliso Creek Ocean Outfall, including costs associated with the administration of SOCWA's pretreatment program and general administrative costs, are allocated between the existing participating member agencies of the respective Project Committees on an annual basis through SOCWA's budgeting process. After the Effective Date, El Toro shall pay to SOCWA all costs assessed by SOCWA relating to IRWD's use of the Effluent Transmission Main and Aliso Creek Ocean Outfall, and all IRWD's share of costs in PC 8 and PC 12, including all of IRWD's share of UAL/OPEB liabilities. IRWD shall pay El Toro for IRWD's share of all costs and expenses related to IRWD's discharge, including annual operation and maintenance costs, pretreatment program costs, costs of depreciation, any upgrade, expansion, or other capital, administrative, overhead or shared costs, including all of IRWD's share of UAL/OPEB liabilities on an ongoing basis, in proportion to IRWD's pre-assignment capacity allocation in each facility.

6.4 El Toro will invoice IRWD for the costs attributable to IRWD's PC 8, 12, 21, and 24 expenses on a quarterly basis, or more or less frequently as determined by the Parties. Within 30 days following receipt of an invoice from El Toro related to any SOCWA audit or expense reconciliation, the Parties will reconcile any over- or under-payments identified in that audit or reconciliation.

6.5 **Administrative Fee.** In addition to costs assessed by SOCWA for IRWD's PC-related expenses, IRWD shall pay to El Toro an annual administrative fee of \$10,000. IRWD will pay the full administrative fee along with the first invoice by El Toro each fiscal year. The Administrative Fee amount will increase by 3% at the beginning of each fiscal year. Within 30 days after the full execution of this Agreement, IRWD shall also pay to El Toro a one-time payment up to \$15,000 to reimburse El Toro for its legal costs related to preparing this Agreement.

7. Permitting and Pretreatment.

7.1 IRWD shall continue to fulfill its duties relating to waste discharge requirements and pretreatment, including the adoption of a pretreatment ordinance and enforcement response plan consistent with SOCWA's pretreatment program. IRWD shall enforce all requirements established by SOCWA with respect to the discharge of wastes to SOCWA facilities, and shall cooperate in any enforcement response or proceeding as requested by SOCWA or El Toro.

7.2 IRWD shall pay El Toro for IRWD's proportional share of costs associated with the pretreatment, permitting, and other activities of SOCWA's PC 8, pursuant to Section 6.

8. **Liability.** IRWD shall defend, indemnify, and hold harmless El Toro from any costs, losses, claims, legal actions, or other liabilities (including legal fees and costs) arising out of El Toro's assumption of IRWD's capacity rights in SOCWA, including any legal actions brought by third parties challenging the validity of this Agreement. It is the intent of the Parties to achieve operational efficiencies by way of this Agreement; it is also the intent of the Parties that El Toro not assume any additional liability as a result of assuming IRWD's rights and obligations under this Agreement.

9. **Incremental Additional Costs and/or Liability Resulting From Assignment.** As stated in Section 8, it is the intent of the parties that El Toro not assume or incur any additional costs and/or liability as a result of assuming IRWD's capacity rights and obligations under this Agreement. As such, IRWD shall reimburse El Toro an amount equal to any costs and/or liability assessed on or incurred by El Toro as a consequence of El Toro accepting IRWD's assignment of capacity herein that arises from any claims relating to the debts, liabilities, obligations, or facilities owned or operated by SOCWA or any of its Project Committees, that arise on or after the Effective Date of this Agreement. For example, if the amount of any such costs and/or liability is calculated on the basis of capacity interest owned by ETWD, inclusive of that capacity assigned herein, the amount of reimbursement due ETWD from IRWD shall be the amount by which the assigned capacity herein increases the amount of said unforeseen costs and/or liability incurred by El Toro under this Agreement. However, El Toro shall notify IRWD at the earliest reasonable time of the amount of said costs and/or liability, the basis for and/or calculation of said costs and/or liability, and allow IRWD a reasonable time to review or audit said costs and/or liability to ensure compliance with this Section 9, and to request that El Toro consider or request that SOCWA consider a monetary adjustment if called for by that review or audit.

10. **Effect on Prior Rights.** The terms of this Agreement govern the Parties and supersede all contrary terms in prior agreements between the Parties, including but not limited to the *Joint Exercise of Powers Agreement Creating South Orange County Wastewater Authority* dated July 1, 2001.

11. **Termination.** This Agreement will continue in full force and effect until terminated by mutual written agreement of the Parties.

12. **Reconveyance and Termination Upon SOCWA Dissolution.** If SOCWA at any time ceases to own the Facilities, then El Toro may, in its sole discretion and upon reasonable notice to IRWD, reconvey back to IRWD any Facilities or Capacity assigned and assumed under this Agreement, and IRWD shall timely accept those Facilities or that Capacity and this Agreement will terminate.

13. **Amendment.** This Agreement may be amended from time to time with the prior written approval of both Parties. If the governance of SOCWA or the ownership of the Effluent Transmission Main or Aliso Creek Ocean Outfall is changed in any way that would make continued implementation of this Agreement impracticable or impossible, then the Parties will meet and confer and work in good faith to arrange for a form of continued partnership on the Effluent Transmission Main and Aliso Creek Ocean Outfall to provide for the mutual benefit of both Parties.

14. **Duty of Good Faith and Fair Dealing.** The Parties anticipate that in connection with the Effluent Transmission Main and Aliso Creek Ocean Outfall their interests are identical and non-competitive. El Toro shall ensure that if any issues arise at SOCWA in which El Toro's interests and IRWD's interests diverge, then El Toro shall keep IRWD apprised of those issues and meet and confer with IRWD about any future actions. El Toro shall advise IRWD of any material changes to SOCWA or its Project Committees that could affect IRWD's interests under this Agreement.

15. **Miscellaneous.**

15.1 *Integration, Governing Law, Amendment.* This Agreement represents the entire understanding of the Parties as to: IRWD's assignment of its capacity rights in all SOCWA facilities to El Toro; IRWD's payment of all unfunded pension liabilities associated with IRWD's membership in SOCWA; IRWD's withdrawal as a member agency from SOCWA; confirmation of IRWD's continued participation in the Interagency Agreement relating to the NPDES permit and related pre-treatment program requirements; and the Parties' interests and obligations relating to the Effluent Transmission Main or the Aliso Creek Ocean Outfall. To the extent that it contradicts or varies from this Agreement, no prior oral or written understanding shall be of any force or effect with respect to the matters covered by this Agreement. This Agreement is governed by the laws of the State of California and shall be construed as if drafted by both Parties. This Agreement may not be modified except in writing, approved and executed by both Parties.

15.2 *Third Parties.* This Agreement does not create any third-party beneficiary or any rights in any person or party other than the Parties.

15.3 *Signing Authority.* Each Party represents and warrants that each person or persons executing this Agreement on its behalf is duly authorized to do so by the respective Party and that this Agreement shall bind the Parties.

15.4 *Notices.* Any written notice required by this Agreement shall be made by U.S. mail or by reliable overnight courier and delivered to the following address, together with a courtesy copy by email:

To IRWD: Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, CA 92618
Attn: General Manager/Paul A. Cook
(949) 453-5300
cc by email to cook@irwd.com

To El Toro: El Toro Water District
24251 Los Alisos Blvd.
Lake Forest, CA 92630
Attn: General Manager/Dennis Cafferty
cc by email to: dcafferty@etwd.com

Either party may, by written notice to the other, designate a different address or addressee, which will be substituted immediately for that specified above.

15.5 *Severability*. If any provision of this Agreement, for any reason, is held to be invalid, illegal, or unenforceable in any respect, that invalidity, illegality, or unenforceability will not affect any other provision of this Agreement, but this Agreement will be construed as if the invalid, illegal, or unenforceable provision had never been set forth herein, and the remainder will be enforceable to the fullest extent permitted by law.

15.6 *Successors & Assigns*. The terms of this Agreement are binding upon and will inure to the benefit of and be enforceable by the respective successors and assigns of the Parties.

15.7 *Counterparts*. This Agreement may be executed in counterparts, each of which is an original, but all of which together will constitute one and the same instrument.

The Parties are signing this Agreement as of the dates indicated below.

IRVINE RANCH WATER DISTRICT

Dated: December 5, 2022

By: 
Paul A. Cook, General Manager

Approved as to Form:
Hanson Bridgett, LLP

By: 
District Counsel

[Signatures continue on following page]

EL TORO WATER DISTRICT

Dated: _____

By: _____
Dennis Cafferty, General Manager

Approved as to Form:
Redwine & Sherrill, LLP

By: _____
District Counsel

[Consents appear on following page.]

The following Member Agencies of SOCWA PC 21 and PC 24 hereby consent to the Assignment and Assumption Agreement:

EMERALD BAY SERVICES DISTRICT

Dated: _____

By: _____

Name:

Title:

Approved as to Form:

By: _____

District Counsel

CITY OF LAGUNA BEACH

Dated: _____

By: _____

Name:

Title:

Approved as to Form:

By: _____

City Attorney

MOULTON NIGUEL WATER DISTRICT

Dated: _____

By: _____

Name:

Title:

Approved as to Form:

By: _____

District Counsel

SOUTH COAST WATER DISTRICT

Dated: _____

By: _____

Name:

Title:

Approved as to Form:

By: _____

District Counsel

Exhibit 1
Interagency Agreement

INTERAGENCY AGREEMENT
BETWEEN
THE ALISO WATER MANAGEMENT AGENCY (AWMA)
AND
THE LOS ALISOS WATER DISTRICT (LAWD)
FACILITATING THE PRETREATMENT PROGRAM
AND CONTRACTING WITH AWMA TO OPERATE
THE LOS ALISOS PRETREATMENT PROGRAM

WHEREAS, an agreement was entered into on March 1, 1972 creating the Aliso Water Management Agency (hereafter called AWMA), a Joint Powers Authority, for the purpose of acquiring, owning, constructing, and operating and maintaining regional wastewater treatment and disposal facilities, by and between the Los Alisos Water District (hereafter called LAWD), the El toro Water District, the Moulton Niguel Water District, the South Coast Water District, the City of Laguna Beach, the Emerald Bay Service District, and the Irvine Ranch Water District; and

WHEREAS, the Federal Pollution Control Act of 1972, the Clean Water Act of 1977 and amendments, the federal general Pretreatment Regulations (40 CFR 402) of 1978 and amendments, the California Code of Regulations (Title 23 Subchapter 9) and the National Pollution Discharge Elimination System (NPDES) permit for the AWMA Ocean Outfall require that AWMA service area have an industrial pretreatment program that complies with all federal and state regulations; and

WHEREAS, on September 12, 1982, the AWMA member agencies approved the adoption of the Aliso Water Management Agency Industrial Waste Ordinance, which established and defined the AWMA Pretreatment Program, and

WHEREAS, on December 1, 1982, the Environmental Protection Agency approved the AWMA Pretreatment Program; and

WHEREAS, during March 1989 the State of California, Regional Quality Control Board, San Diego Region, in coordination with the Environmental Protection Agency, Region IX, conducted an audit of the AWMA Pretreatment Program and found deficiencies therein; and

WHEREAS, the parties hereto in order to correct said deficiencies adopted an ordinance Establishing Regulations for the Discharge of Wastewater to Facilities of the Los Alisos Water District, (hereafter "Pretreatment Ordinance") which established the rules and regulations for discharge of industrial wastewaters to the LAWD, and

WHEREAS, the Pretreatment Ordinance provides for AWMA to, upon request by the member agency, administer and operate that member agency's program; and

WHEREAS, LAWD desires to have AWMA administer and operate their pretreatment program; and

NOW THEREFOR, the parties hereto agree to the following:

Section 1. Authority

1. As required by 40 CFR 403.8, AWMA has responsibility for overseeing the conduct of the requirements of the Pretreatment Ordinance within the area tributary to the AWMA Ocean Outfall. To accomplish this responsibility, AWMA will provide oversight services to LAWD, such that AWMA can be confident that the Pretreatment Ordinance and related rules and regulation are being enforced by LAWD.

Section 2. Services to be Provided by AWMA

1. AWMA will provide the following services to LAWD when overseeing the LAWD Pretreatment Program:
 - 1) Development and approval of Industrial Waste Regulations. AWMA will develop Industrial Waste Regulations consistent with applicable federal and state laws. AWMA will cause to have such regulations reviewed and approved by LAWD, the Regional Water Quality Control Board, the State Water Resources Control Board and the Environmental Protection Agency.
 - 2) Standardization of Industrial Waste Program. AWMA will develop uniform procedures and forms for use in the LAWD program. AWMA will supply LAWD with a procedure manual that will define the interface between the Agencies and the oversight responsibilities of AWMA.
 - 3) Industrial User Database. AWMA will compile LAWD supplied information on industrial users in LAWD's service area into a master database. Such information will be kept updated as information is received from LAWD.
 - 4) Local Limits Development. AWMA will perform, conduct or contract for services necessary to determine the local limits for LAWD's share of capacity rights in AWMA facilities.
 - 5) General Oversight. AWMA will perform general oversight duties related to a) reviewing, numbering and signing industrial waste permits, b) reviewing monitoring and periodic reports, c) conducting regular meetings with LAWD staff to ascertain program status, d) reporting to regulatory agencies regarding LAWD's general compliance with pretreatment regulation, and e) periodically auditing LAWD and selected industrial discharges on their compliance with the program.
 - 6) Central Files and Computerized Reporting. AWMA will develop and maintain centralized files containing records of all AWMA member agency programs.

2. Administration and operation of LAWD's Pretreatment Program.

1) Pretreatment Program Audit. AWMA shall complete the work required to comply with the inadequacies noted in the Pretreatment Program Audit issued by the San Diego Regional Water Quality Control Board.

2) Program Administration. AWMA shall provide general administrative, managerial, oversight and clerical services to LAWD in order to effectively and consistently conduct the LAWD Pretreatment Program.

3) Permit Services. LAWD will transmit to AWMA each application for an industrial waste permit submitted to LAWD. AWMA staff will review the application, and if appropriate, recommend joint issuance of a permit and permit conditions.

4) Inspection and Monitoring Services. AWMA will take such samples and conduct such monitoring and inspections as is necessary to fulfill the requirements of the Pretreatment Ordinance. For those monitoring services that are to be billed to a permit holder, AWMA will submit a accounting of costs to LAWD who shall then bill the permit holder.

5) Reporting Services. AWMA shall prepare all reports necessary to comply with requirements of the Pretreatment Ordinance. AWMA shall also review and approve the reports submitted by permit holders to comply with their permit requirements.

6) Enforcement Services. Under the direction of LAWD, AWMA will enforce the provisions of the Pretreatment Ordinance. Such services shall include but not be limited to: interpreting regulations regarding violations of the Pretreatment Ordinance, drafting correspondence to violators, holding meeting with violators, inspecting and monitoring violators for compliance, and assisting with litigation.

Section 3. Services to be Provided by LAWD

1. Agency Representative. LAWD will provide an authorized staff member to interface with AWMA staff on pretreatment program issues. Such representation will be of sufficient rank to make commitments and decisions within the scope of the Pretreatment Ordinance, on behalf of LAWD.

2. Treatment Plant Analyses. LAWD will provide, on a quarterly basis, a full analyses of the influent, effluent, and sludge flows/tonnage from their treatment plant in accordance with requirements of the Pretreatment Ordinance. Such analyses will include NPDES permit parameters, EPA pollutants of concern, and RCRA Appendix 9 scans.

3. Data Management. LAWD shall provide to AWMA copies of permit applications and correspondence relating to pretreatment program issues generated or received by LAWD.

Section 4. Responsibilities of AWMA

1. AWMA shall perform the duties specified in the agreement in a timely, efficient and consistent manner. In the performance of these services, AWMA warrants that it shall not proceed to take any constructive, corrective or enforcement action without first obtaining the approval of the responsible representative of LAWD.
2. In the event that LAWD is unable or unwilling to enforce the Pretreatment Ordinance, this agreement or any other related document concerning the type and condition of sewage and wastes discharged to the AWMA sewage system, AWMA has the responsibility to take such action as is necessary to enforce such documents.

Section 5. Responsibilities of LAWD.

1. LAWD shall adopt and enforce ordinances, resolutions, and rules and regulations concerning the type and condition of sewage and waste permitted to be discharged into the sewers under their control. They shall prohibit persons and users of every kind and nature (including public agencies of all types) from discharging any sewage or wastes which would be detrimental to any part of the AWMA sewage transmission, treatment or disposal facilities. Such rules, regulations and ordinances shall not conflict with the rules, regulations and ordinances adopted by AWMA.

Section 6. Budget

1. By April 1 of each year, AWMA shall prepare an estimated budget detailing the costs to perform the services listed herein and submit said budget to LAWD. Upon review and approval of said budget by the parties hereto, LAWD shall be invoiced on a semi-annual basis for the amounts stated in the budgets.
2. AWMA staff shall keep detailed records of actual costs incurred, and such costs shall be applied to LAWD's contribution. Upon the conclusion of the fiscal year, the funds shall be audited and any excess funds shall be refunded to LAWD or applied to their next year's costs, at LAWD's option. Any deficit funding shall be invoiced separately or shall be included in the first invoice for the next fiscal year, at LAWD's option.

Section 7. Arbitration.

1. Any controversy or claim between the parties to this Agreement, arising out of this Agreement, shall be determined by Arbitration. The party desiring to initiate arbitration shall give notice of its intention to arbitrate to the other party.

Within twenty (20) days of the service of initial demand for arbitration, the American Arbitration Association (hereafter referred to as "AAA") shall submit to all parties a list of names of persons experienced in the field of industrial waste pretreatment regulations, wastewater disposal or on the alternative, public law.

Each party shall have seven (7) days from the mailing date to indicate the order of its preference and return the list to the AAA. If a party does not return the list, then all persons named shall be deemed acceptable. From among the persons approved by both parties, the AAA shall invite three persons to constitute an arbitration panel.

The panel of arbitrators shall determine the rights of the parties in accordance with the law, and the award shall be subject to review as to the panel's application of the law by the court having jurisdiction. As to questions of fact, however, the panel's decision shall be binding upon all parties and shall be final.

The panel, in their discretion, as part of the arbitration award, may impose upon any one party or allocate among the parties the liability for all the arbitration fees and expenses. In the event the panel fails to provide for the allocation of these costs, the fees shall be divided equally between the parties and the expenses shall be borne by the party incurring them.

Section 8. Attorney's Fees.

- 1) In the event any legal action is commenced to enforce or interpret the terms or conditions of this Agreement, the prevailing party shall, in addition to any other costs and relief, be entitled to its reasonable attorney's fees.

Section 9. Termination.

- 1) Either party hereto shall have the right to terminate this agreement with six (6) months notice to the other party, or four (4) months notice prior to the start of a new fiscal year.

Section 10. Governing Law.

- 1) The laws of the State of California shall govern the rights, obligations, duties and liabilities of the parties to this Agreement and shall also govern the interpretation of this Agreement.

Section 11. Effective Date.

- 1) This Agreement shall become effective on the day of adoption of such Agreement by the last of the governing bodies of the parties to so act.

Approved as to Form:

Patricia B. Ginn
Attorney for AWMA

Dated 9-1-94

ALISO WATER MANAGEMENT AGENCY

By Herbert Reyes
Chairman

By John P. Bal
Secretary

Approved as to Form:

D. N. [Signature]
Attorney for LAWD

Dated August 10, 1994

LOS ALISOS WATER DISTRICT

By Hay C. [Signature]
Chairman

By E.T. McFadden
Secretary

**Agreement for SOCWA Withdrawal and
Concurrent Temporary Recycled Water Permit Services
(TCWD-SOCWA)**

This Agreement for SOCWA Withdrawal and Concurrent Temporary Recycled Water Permit Services ("**Agreement**") is dated _____, 2023 ("**Effective Date**") and is between Trabuco Canyon Water District ("**TCWD**"), the South Orange County Wastewater Authority ("**SOCWA**"), and each of SOCWA's other **Member Agencies** as that term is defined below.

A. Overview. The *Joint Exercise of Powers Agreement Creating South Orange County Wastewater Authority* ("**SOCWA**") dated July 1, 2001 (the "**Joint Powers Agreement**") created a joint powers agency made up of several wastewater service providers within the San Juan Creek and/or Aliso Creek watershed. The nine current members of SOCWA are the City of Laguna Beach, the City of San Clemente, El Toro Water District, Emerald Bay Services District, Irvine Ranch Water District, Moulton Niguel Water District, Santa Margarita Water District, South Coast Water District, and TCWD (collectively, the "**Member Agencies**"). SOCWA owns and operates wastewater treatment facilities, transmission mains, and outfalls on behalf of its Member Agencies, and facilitates a recycled water reuse permit compliance, monitoring, and reporting program.

B. TCWD Project Committee Participation. Where a SOCWA activity, project, or facility involves less than all of SOCWA's Member Agencies, the affected Member Agencies form a "**Project Committee**" (or "**PC**") that is responsible for overseeing that activity, project, or facility. TCWD is currently a member of PC 12 (formerly known as PC No. 2SO), which handles the activity of joint recycled water permit compliance, monitoring, and reporting for four of the Member Agencies: TCWD, Moulton Niguel Water District, Santa Margarita Water District, and South Coast Water District. The SOCWA recycled water permit, Order No. 97-52, covers TCWD's Robinson Ranch Water Recycling Plant and related recycled water distribution and use system. TCWD's recycled water program is the smallest of the members, representing approximately 6% of the total SOCWA-permitted service area recycled water by volume.

C. TCWD Intent to Obtain Independent Recycling Permit. TCWD intends to ultimately obtain and manage its own recycled water permit from state/regional regulators, instead of participating in the joint recycled water permitting services offered by SOCWA¹. TCWD is advised that obtaining an independent permit may take up to 12-18 months.

D. TCWD Withdrawal from SOCWA. Upon obtaining an independent recycled water permit, TCWD will no longer benefit from any SOCWA activities, projects, or facilities. TCWD currently represents less than 1% of the total revenues and budget of SOCWA². TCWD has determined that, because >99% of the budget of SOCWA is not related to TCWD's operations, that it would be in the best interests of both SOCWA and TCWD for TCWD to withdraw as a member of SOCWA. After its withdrawal, TCWD will have continuing actuarial liability arising out of unfunded pension obligations ("**UAL**") and other post-employment employment benefits ("**OPEB**") obligations from its historic participation in PC 12; TCWD intends to continue to pay its

¹ Three other SOCWA Member Agencies have independent recycled water permits: the City of San Clemente, El Toro Water District, and Irvine Ranch Water District. The latter two are former members of PC 12.

² TCWD represented only 0.25% of SOCWA's budget in 2022-23 (\$61,528 out of \$23,670,816), and is projected to be only 0.18% of SOCWA's budget in 2023-34 (\$44,780 out of \$24,641,183).

fair share of these obligations, which over a five-year period are estimated to be between \$353.00 and \$439.00 per year.

E. Interim Recycled Water Permitting Services. Given the uncertain time frame for TCWD to obtain an independent recycled water permit, and in order to facilitate the orderly transition from joint recycled water permitting under SOCWA to an independent recycled water permit, the parties intend for TCWD to immediately withdraw from SOCWA, and concurrently provide for SOCWA to continue to perform recycled water permit services for TCWD under a services contract instead of the JPA until TCWD's independent permit is issued. This will avoid the potential for TCWD to have obtained an independent permit while still being a SOCWA member.

F. Purposes. The Parties intend by this Agreement to provide for (i) TCWD's withdrawal as a member agency from SOCWA; (ii) TCWD's payment of all UAL/OPEB liabilities associated with TCWD's historic membership in SOCWA; and (iii) SOCWA's temporary continued provision of recycled water permitting services on a contract basis.

The Parties therefore agree as follows:

1. **JPA Withdrawal.**

1.1 As of the Effective Date, TCWD is no longer a member of SOCWA and therefore no longer a member of the SOCWA Board of Directors, Project Committee 12, or any other committee. The remaining Member Agencies consent to this withdrawal according to the terms and conditions of this Agreement.

1.2 The JPA is hereby amended to remove TCWD as a member of SOCWA or a party to the JPA.

1.3 TCWD shall pay to SOCWA all amounts owing to SOCWA that were incurred during its membership in SOCWA within 45 days after receipt of a closing invoice from SOCWA, subject to Section 7.1 (Liability; Indemnity).

2. **Effective Date.** This Agreement will become effective on the last date this Agreement is executed by the SOCWA and the Member Agencies.

3. **Interim Recycled Water Permitting Services.**

3.1 Services. Concurrently with TCWD's withdrawal, SOCWA shall provide recycled water permit compliance, monitoring, and reporting services ("**Services**") to TCWD pursuant to this Agreement. SOCWA shall perform the Services to the same level, to the same extent, and using the same standard of care as those Services were provided to TCWD prior to TCWD's withdrawal, including services related to development and approval of a Salt and Nutrient Management Plan.

3.2 Duration. SOCWA shall provide the Services from the Effective Date until TCWD gives notice to SOCWA that TCWD has obtained a new water recycling permit from the State Water Resources Control Board or the Regional Water Quality Control Board.

3.3 Costs and Invoicing. SOCWA shall invoice TCWD, on a quarterly basis, for all of SOCWA's costs to provide the Services to TCWD. The costs must be allocated

proportionately to TCWD's burden on the recycled water permitting activities of SOCWA, and may include reasonable overhead and administrative costs.

4. **UAL/OPEB Liability.** In recognition of TCWD's duty to pay to SOCWA the proportional amount of any UAL/OPEB public retirement system liability allocable to TCWD as of the Effective Date, TCWD shall pay to SOCWA within 45 days after the Effective Date the total amount of \$5,000 in full and final settlement of all outstanding UAL/OPEB liability to SOCWA, and upon receipt of that payment, TCWD will be deemed to have satisfied its UAL/OPEB obligations and SOCWA will be deemed to have released and discharged TCWD from any further liability for SOCWA's UAL/OPEB obligations. In the alternative, if TCWD receives written notice from SOCWA within 15 days after the Effective Date that SOCWA prefers to receive on-going quarterly payments in lieu of a lump-sum amount, then TCWD shall pay SOCWA on a quarterly basis in arrears for TCWD's proportional amount due. The quarterly payment option expires on midnight of the 15th day following the Effective Date.

5. **No JPA Costs.** After the Effective Date, TCWD will not have any responsibility to contribute toward any operational, maintenance, capital, or general fund costs incurred by SOCWA or its Member Agencies, except those costs directly arising out of or relating to the Services, which will be proportional to the services received and identified in the annual use audit as part of the PC 12 costs (and include reasonable overhead and administration costs). If SOCWA does not adopt an annual use audit or budget, then the previous year's annual use audit figures will be used and later reconciled upon adoption of a use audit or budget.

6. **SOCWA Bulk Purchases.** TCWD is currently a party to multiple contracts with SOCWA and other Member Agencies for bulk purchasing of services and supplies. SOCWA shall continue to allow for TCWD to participate in joint purchasing agreements offered to Member Agencies for chemicals, solids hauling, and other services that SOCWA negotiates with third party vendors.

7. **Liability; Indemnity.**

7.1 SOCWA shall indemnify, defend, and hold harmless TCWD from any claims, legal, regulatory, enforcement, or administrative actions ("**Claims**") arising out of or relating to the debts, liabilities, operations, obligations, or facilities owned or operated by SOCWA or any of its Project Committees (except PC 12) that arise on or after the Effective Date. The parties do not intend to release TCWD from its proportional liability for any Claims relating to TCWD's participation in SOCWA or PC 12 prior to the Effective Date. TCWD will only be responsible for liabilities that are directly attributable to TCWD's participation in PC 12 prior to the Effective Date, or TCWD's own acts or omissions that arise on or after the Effective Date.

7.2 SOCWA shall indemnify, defend, and hold harmless TCWD from any Claims arising out of or related to SOCWA's Services on or after the Effective Date.

8. **Effect on Prior Rights.** The terms of this Agreement govern the parties and supersede all contrary terms in prior agreements between the parties, including but not limited to the Joint Powers Agreement.

9. **Miscellaneous.**

9.1 *Integration, Amendment.* This Agreement represents the entire understanding of the parties as to TCWD's withdrawal from SOCWA and concurrent interim contracting for the Services. To the extent that it contradicts or varies from this Agreement, no prior oral or written understanding will be of any force or effect with respect to the matters covered by this Agreement. This Agreement cannot be modified except in a writing approved and executed by all applicable parties.

9.2 *Governing Law.* This Agreement is governed by the laws of the State of California and will be construed as if drafted by all parties.

9.3 *Third Parties.* This Agreement does not create any third-party beneficiary or any rights in any person or party other than the parties.

9.4 *Signing Authority.* Each Party represents and warrants that each person or persons executing this Agreement on its behalf is duly authorized to do so by the respective Party and that this Agreement binds the parties.

9.5 *Notices.* Any written notice required by this Agreement must be made by U.S. mail or by reliable overnight courier and delivered to the following address, together with a courtesy copy by email:

To TCWD: Trabuco Canyon Water District
32003 Dove Canyon Dr.
Trabuco Canyon, CA 92679
Attn: General Manager
cc: by email to fpaludi@tcwd.ca.gov

With a Courtesy Copy by email to:
ccollins@hansonbridgett.com

To SOCWA and the other Member Agencies:

South Orange County Wastewater Authority
34156 Del Obispo Street
Dana Point CA 92629
Attn: General Manager

Any party may, by written notice to the others, designate a different address or addressee, which will be substituted immediately for that specified above.

9.6 *Severability.* If any provision of this Agreement, for any reason, is held to be invalid, illegal, or unenforceable in any respect, that invalidity, illegality, or unenforceability will not affect any other provision of this Agreement, but this Agreement will be construed as if the invalid, illegal, or unenforceable provision had never been set forth, and the remainder will be enforceable to the fullest extent permitted by law to effectuate the original intent of the Parties.

9.7 *Successors & Assigns.* The terms of this Agreement are binding upon and will inure to the benefit of and be enforceable by the respective successors and assigns of the parties.

9.8 *Counterparts*. This Agreement may be executed in counterparts, each of which is an original, but all of which together will constitute one and the same instrument.

The parties are signing this Agreement as of the Effective Date.

TRABUCO CANYON WATER DISTRICT

Dated: _____

By: _____
Fernando Paludi, General Manager

Approved as to Form:
Hanson Bridgett, LLP

By: _____
District Counsel

**SOUTH ORANGE COUNTY WASTEWATER
AUTHORITY**

Dated: _____

By: _____

Approved as to Form:

By: _____
Authority Counsel

SOCWA MEMBER AGENCIES

City of Laguna Beach

Dated: _____ By: _____

Approved as to Form:

By: _____
City Attorney

[Signatures continue.]

City of San Clemente

Dated: _____ By: _____

Approved as to Form:

By: _____
City Attorney

El Toro Water District

Dated: _____ By: _____

Approved as to Form:

By: _____
District Counsel

Emerald Bay Services District

Dated: _____ By: _____

Approved as to Form:

By: _____
District Counsel

Moulton Niguel Water District

Dated: _____ By: _____

Approved as to Form:

By: _____
District Counsel

Santa Margarita Water District

Dated: _____ By: _____

Approved as to Form:

By: _____
District Counsel

[Signatures continue.]

South Coast Water District

Dated: _____ By: _____

Approved as to Form:

By: _____
District Counsel

Irvine Ranch Water District

Dated: _____ By: _____

Approved as to Form:

By: _____
District Counsel

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
February 1, 2023, 8:30 a.m.

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

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

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

AGENDA

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. 2134

PRESENTATION/DISCUSSION ITEMS

1. PRESENTATION REGARDING TOPICS AND ISSUES FOR THE UPCOMING MET BOARD RETREAT

Recommendation: Review and discuss the information presented.

2. WATER SUPPLY CONDITIONS AND PLANNING FOR POTENTIAL WATER SUPPLY ALLOCATIONS (FY 2023/24)

Recommendation: Review and discuss the information presented.

3. 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.

4. 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

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

Recommendation: Vote to continue virtual meetings pursuant to AB 361 for an additional 30 days based on the findings that (1) it has reconsidered the circumstances of the state of emergency for COVID-19, and (2) state and local officials continue to impose or recommend measures to promote social distancing.

INFORMATION ITEMS

6. MET ITEMS CRITICAL TO ORANGE COUNTY (The following items are for informational purposes only – a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director)

- a. MET's Finance and Rate Issues
- b. MET's Integrated Resources Plan Update
- c. MET's Water Supply Condition Update
- d. Water Quality Update
- e. Colorado River Issues
- f. Delta Conveyance Activities and State Water Project Issues

Recommendation: Review and discuss the information presented.

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

- a. Summary regarding January 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.

CLOSED SESSION ITEM

8. PUBLIC EMPLOYMENT

Title: Interim General Manager
Government Code Section 54957

ADJOURNMENT

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

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

PLANNING & OPERATIONS COMMITTEE

February 6, 2023 8:30 a.m.

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

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

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

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

Webinar ID: 882 866 5300#

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>.

ACTION ITEMS

1. CONSIDER CANDIDATES FOR ACWA/JPIA EXECUTIVE COMMITTEE ELECTION
2. AUTHORIZATION FOR STAFF TO ATTEND AMERICAN WATER WORKS ASSOCIATION SUSTAINABLE WATER MANAGEMENT CONFERENCE APRIL 16-19, 2023, MINNEAPOLIS, MN

3. EXTENSION OF CONTRACT WITH STETSON ENGINEERING FOR CONSUMER CONFIDENCE REPORTS

DISCUSSION ITEMS

4. COST OF WATER USE EFFICIENCY PROGRAMS (ACRE-FOOT COST)

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

5. 2023 WATER POLICY FORUM & DINNER SCHEDULE (oral report)
6. STATUS REPORTS
 - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
 - b. WEROC
 - c. Water Use Efficiency Projects
 - d. Public and Government Affairs
7. 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
February 8, 2023, 8:30 a.m.

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

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

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

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(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

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ROLL CALL

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

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PROPOSED BOARD CONSENT CALENDAR ITEMS

1. TREASURER'S REPORT
 - a. Revenue/Cash Receipt Report – January 2023
 - b. Disbursement Approval Report for the month of February 2023
 - c. Disbursement Ratification Report for the month of January 2023
 - d. GM Approved Disbursement Report for the month of January 2023

- e. Consolidated Summary of Cash and Investment – December 2022
 - f. OPEB and Pension Trust Fund statements
- 2. FINANCIAL REPORT
 - a. Combined Financial Statements and Budget Comparative for the Period Ending December 31, 2022
 - b. Quarterly Budget Review

ACTION ITEM

- 3. AUTHORIZE CONTRACT FOR INFORMATION TECHNOLOGY (IT) CONSULTANT FOR IT SUPPORT SERVICES
- 4. REVISIONS TO MWDOC'S RESERVE POLICY & DISTRIBUTION OF ADDITIONAL FUNDS

DISCUSSION ITEMS

- 5. MWDOC'S FIRST DRAFT BUDGET FOR FISCAL YEAR 2023-24
- 6. PROPOSAL TO REVISE THE DISTRICT'S HOLIDAY SCHEDULE
- 7. UPDATE REGARDING THE 2022 ORANGE COUNTY RELIABILITY STUDY

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

- 8. SOLE SOURCE AGREEMENT WITH WHITTINGHAM PUBLIC AFFAIRS ADVISORS
- 9. SEMI-ANNUAL DIRECTORS ACTIVITIES REPORT
- 10. SEMI-ANNUAL OVERTIME REPORT
- 11. ANNUAL AUTO ALLOWANCE REPORT
- 12. DEPARTMENT ACTIVITIES REPORTS
 - a. Administration
 - b. Finance and Information Technology
- 13. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

OTHER ITEMS

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

ADJOURNMENT

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

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

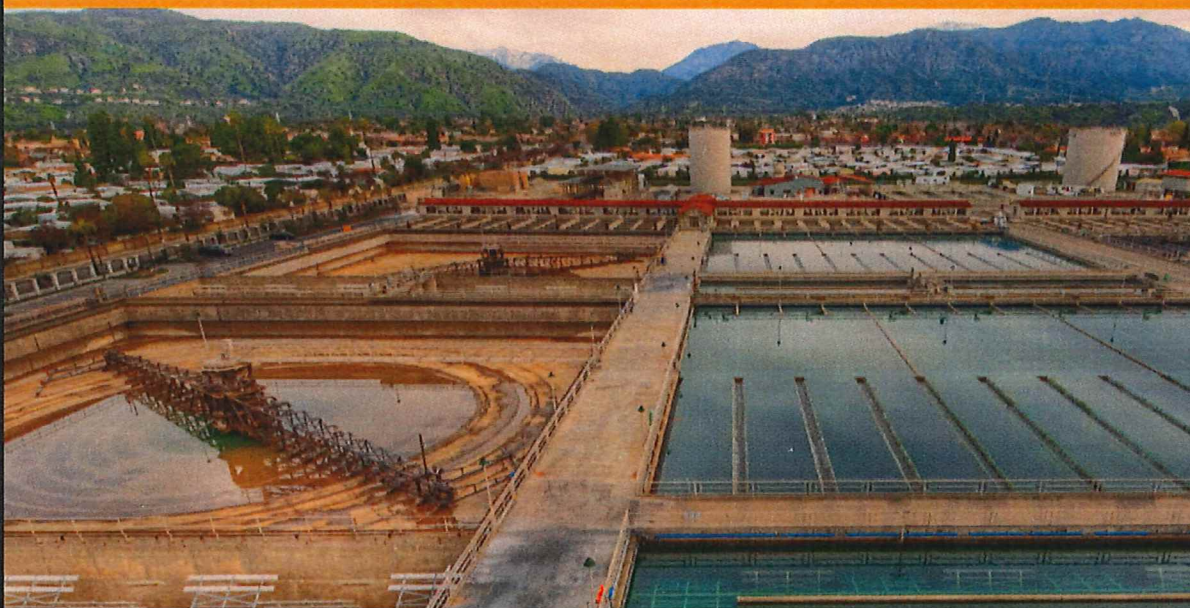
Feb 9
5:30 AM

Polly Welsch

From: MWD OC <info@mwdoc.com>
Sent: Wednesday, December 21, 2022 12:20 PM
To: Polly Welsch
Subject: SAVE THE DATE! February 9, 2023, MWD OC Water Policy Forum & Dinner



2023 WATER POLICY Forum & Dinner



Save the Date!

Featured Speaker

ADÁN ORTEGA

Chairman-Elect
The Metropolitan Water District
of Southern California



Please join us on Thursday, February 9, 2023, for a very special MWD OC Water Policy Forum & Dinner featuring an inaugural address from the newly elected Chairman of The Metropolitan Water

REGISTER TODAY!

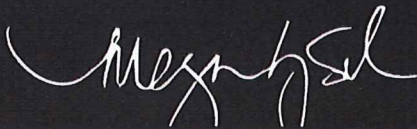
District of Southern California (Metropolitan), Adán Ortega.

Chairman-elect Ortega, the principal of Ortega Strategies Group, has worked in government relations for 30 years and helped lead efforts to bring technical assistance to small water systems in disadvantaged communities around California. He served as Metropolitan's vice president of external affairs from 1999 to 2005. Prior to joining Metropolitan, Ortega served as chief deputy for then-Secretary of State Bill Jones and as assistant general manager of both West Basin and Central Basin municipal water districts. Join us to hear firsthand what he hopes to accomplish as he assumes leadership of the Board at Metropolitan during this pivotal time.

Registration is available for \$90 per person* or \$850 for a table of 8. This price includes the pre-dinner reception (cash bar), three-course dinner (choice of entrée), and self-parking.

We look forward to seeing you there!

Sincerely,



Megan Yoo Schneider, MS, PE
Board President
Municipal Water District of Orange County

www.MWDOC.com/WPD

THURSDAY

February 9
5:30 PM - 8:00 PM

THE WESTIN SOUTH COAST PLAZA

686 Anton Blvd.
Costa Mesa, CA 92626

RESERVED TABLES ARE AVAILABLE!

Reserved tables (with
company logo) are
available for 8 guests
at a cost of \$850.
Contact Katie Vincent:
(714) 916-0763
kvincent@mwdoc.com

RESERVE A TABLE!

STAY CONNECTED

www.MWDOC.com



***Register by February 3 for the early registration rate! Please note that the registration fee will increase to \$100 after this date. Cancellations and event no shows will be fully charged.**

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

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REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Fountain Valley, California
February 15, 2023, 8:30 a.m.

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

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

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

AGENDA

MOMENT OF SILENCE

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS/PARTICIPATION

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

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO

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

PRESENTATION ITEM

1. OVERVIEW FROM LEGAL COUNSEL REGARDING AB 2449

Recommendation: Receive presentation; review and discuss.

NEXT RESOLUTION NO. 2134**CONSENT CALENDAR (Items 2 to 9)**

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

2. MINUTES

- a. January 4, 2023 Workshop Board Meeting
- b. January 11, 2023 Special Board Meeting
- c. January 18, 2023 Board Meeting

Recommendation: Approve as presented.

3. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: January 3, 2023
- b. Administration & Finance Committee Meeting: January 11, 2023
- c. Executive Committee Meeting: January 18, 2023
- d. MWDOC/OCWD Joint Planning Committee: January 25, 2023

Recommendation: Receive and file as presented.

4. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of January 31, 2023
- b. Disbursement Registers (January/February)

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of December 31, 2022
- d. PARS Monthly Statement (OPEB Trust)

Recommendation: Receive and file as presented.

5. FINANCIAL REPORT

- a. Combined Financial Statements and Budget Comparative for the Period Ending December 31, 2022
- b. Quarterly Budget Review

Recommendation: Receive and file as presented.

6. AUTHORIZATION FOR STAFF TO ATTEND AMERICAN WATER WORKS ASSOCIATION SUSTAINABLE WATER MANAGEMENT CONFERENCE APRIL 16-19, 2023, MINNEAPOLIS, MN

Recommendation: Authorize attendance at the American Water Works Association (AWWA) Sustainable Water Management Conference April 16-19, 2023 in Minneapolis, Minnesota.

7. AUTHORIZE CONTRACT FOR INFORMATION TECHNOLOGY (IT) CONSULTANT FOR IT SUPPORT SERVICES

Recommendation: Authorize the Interim General Manager to enter into a contract with Accent Computer Solutions, Inc, to provide IT support services, as outlined , in the amount of \$97,279 for a one-year term with an option to renew (less the startup cost).

8. EXTENSION OF CONTRACT WITH STETSON ENGINEERING FOR CONSUMER CONFIDENCE REPORTS

Recommendation: Approve Option #1 to adopt a Third Amendment to the agreement with Stetson Engineering to gather, prepare, and package Consumer Confidence Report data (CCRs) for MWDOC Member Agencies and the three OC Cities for an additional three years; ending December 31, 2025.

9. CONTINUATION OF REMOTE MEETINGS PURSUANT TO AB 361 AND REQUIRED FINDINGS

Recommendation: Vote to continue virtual meetings pursuant to AB 361 for an additional 30 days based on the findings that (1) it has reconsidered the circumstances of the state of emergency for COVID-19, and (2) state and local officials continue to impose or recommend measures to promote social distancing.

End Consent Calendar

ACTION CALENDAR

**10-1 CALL FOR NOMINATIONS AND CONCURRING RESOLUTIONS -
ACWA/JPIA EXECUTIVE COMMITTEE RES. NO. _____**

Recommendation: Adopt Concurring Resolution in support of Fred Bockmiller (Mesa Water) in his candidacy for reelection to the Association of California Water Agencies Joint Powers Insurance Authority (ACWA/JPIA) Executive Committee.

10-2 PROPOSAL TO REVISE THE DISTRICT'S HOLIDAY SCHEDULE

Recommendation: Approve adding Martin Luther King, Jr. Day (third Monday in January). to the District's Holiday Schedule

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

11. GENERAL MANAGER'S REPORT, FEBRUARY 2023 (ORAL AND WRITTEN)

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

12. 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

13. PUBLIC EMPLOYEE PERFORMANCE EVALUATION

Title: Interim General Manager
Government Code Section 54957

14. CONFERENCE WITH LABOR NEGOTIATORS

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

RECONVENE FROM CLOSED SESSION

15. ANNOUNCEMENTS FROM CLOSED SESSION

16. CONSIDER EMPLOYMENT CONTRACT FOR INTERIM GENERAL MANAGER

Recommendation: Discuss an employment contract for the Interim General Manager, and take action as appropriate.

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

February 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, January 12, 2023.

In attendance were: R. Correa – Brea, M. McGee – Buena Park, L. Noriega – Cal Domestic, D. Youngblood – EOCWD, D. Cafferty – El Toro WD, M. Dunbar - Emerald Bay SD, H. Lee – Fountain Valley, C. Pasillas – Garden Grove, K. Vecchiarelli – Golden State WC, A. Papa – Huntington Beach, P. Weghorst – Irvine Ranch WD, J. Chavira – La Palma, P. Shoenberger - Mesa WD, J. Lopez, J. Cruz, L. Rocha & K. Young – Moulton Niguel WD, S. Catron & M. Vukojevic – Newport Beach, M. Markus, K. O'Toole, A. Hutchinson & J. Kennedy – Orange County WD, J. Diaz & S. Tran – Orange, D. Rebensdorf – San Clemente, J. Leach & D. Feron – Santa Margarita WD, I. Lee – Seal Beach, M. Perea – Trabuco Canyon WD, M. Grisso – Tustin, D. Davert, & M. Toy – Yorba Linda WD,

Staff in attendance were: H. De La Torre, A. Heide, C. Busslinger, M. Baum-Haley, D. Micalizzi, K. Hostert, J. Berg, and H. Baez

General Meeting Information/Discussion Items:

- OC Water Reliability Study Update
- Update on Collaborative Deal Points in response to OC Grand Jury
- Water Supply Update
- WSAP Coordination & Process

Announcements:

- MWDOC Water Policy Dinner

The next meeting is tentatively scheduled for February 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.

Preliminary study findings were presented at the September 2022 P&O Committee.

An updated presentation was presented on January 12, 2023, at the MWDOC Agency Managers meeting, which included new information from MET and the Delta Conveyance Project Draft EIR. Agency comments were received.

A final presentation incorporating comments from the MWDOC Agency Managers meeting will be presented to the A&F Committee this month.

The draft report, which will include information from the economic benefits study completed in July 2022, will be completed by the end of February 2023. Agency managers have asked for additional time to review the finished draft report to submit other comments.

WATER USE EFFICIENCY STANDARDS ANALYSIS

On May 2, 2022, the Board approved entering into an agreement with Water Systems Consulting (WSC) and sub-consultant M. Cubed to complete an economic analysis of proposed State water use efficiency standards. MWDOC has partnered with SMWD to fund this project. There are four main components of the scope of work:

1. A customized version of the recently completed Urban Water Use Objective Analyzer (Model) developed by M. Cubed for the Department of Water Resources (DWR). M. Cubed customized the Model to allow individual retail agencies to evaluate the impacts of the proposed standards on their operations and customers.
2. Evaluate the relative impact of the proposed standards on Disadvantaged Communities (DACs).
3. Evaluate compliance cost estimates for MWDOC retail water agencies with information on water service affordability.
4. Develop a web interface of the Model using a visual analytics platform (i.e. dashboard).

The updated Model has been completed.

Initial findings of the analysis were presented to MWDOC's member agencies on August 9, 2022. The study findings were presented at the September 14, 2022, A&F Committee meeting, where a draft report was also provided.

Staff met with SMWD to review the study, and the report is now being modified based on previous agency comments. WSC and M.Cubed are also finishing the project's web

interface portion to allow agencies access to the customized Water Use Objective Analyzer for their evaluation and planning efforts.

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. As described below, the shutdown schedule was revised to accommodate a requested schedule change for the Orange County Feeder Extension shutdown.

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.

Orange County Feeder Extension

MET is finalizing the relining of the final 300 linear feet of the OC Feeder extension from the Irvine Cross Feeder to the terminus affecting the City of Newport Beach, Irvine Ranch WD, and Laguna Beach County WD.

The shutdown coincides with the above-noted OC Feeder shutdown work between Willits PCS and the Irvine Cross Feeder from January 3 – 31, 2023. The Contractor had to work around storm-related issues, but this portion of the project is nearly complete.

Lake Mathews Facility Shutdown

A shutdown of the Lake Mathews Facility has been rescheduled for March 13-14, 2023. The following agencies will be affected during the shutdown: 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 participated in a seminar on January 13, 2023, on MET's Future Supply Actions Funding Program regarding Stormwater Basin Optimization.
- Charles Busslinger participated in a meeting on January 23, 2023, with SMWD on completing the WUE Standards Analysis study.
- Charles Busslinger participated in a meeting on January 24, 2023, with EOCWD and MET staff regarding MET's review of EOCWD's proposed vault replacement immediately downstream of OC-43.

EMERGENCY PREPAREDNESS

COVID-19 (CORONA VIRUS) COORDINATION

Orange County moved back into the Low-Level rate of Community Spread as of 1/27/23.

COVID-19 Community Level

● Low

Recommended actions based on current level

Stay [up to date](#) with COVID-19 vaccines. [Get tested](#) if you have symptoms. Wear a mask if you have symptoms, a positive test, or exposure to someone with COVID-19. Wear a mask on [public transportation](#). You may choose to wear a mask at any time as an additional precaution to protect yourself and others.

Weekly Metrics Used to Determine the COVID-19 Community Level

Case Rate per 100,000 population	55.36
New COVID-19 admissions per 100,000 population	6.3
% Staffed inpatient beds in use by patients with confirmed COVID-19	4.2%



FEDERAL PUBLIC HEALTH EMERGENCY

Remains in effect until April 11, 2023

Secretary Becerra promised to provide 60 days' notice before ending the emergency.

CALIFORNIA STATE OF EMERGENCY UPDATE

Governor Newsom, at this time, is set to end the COVID-19 State of Emergency on February 28, 2023

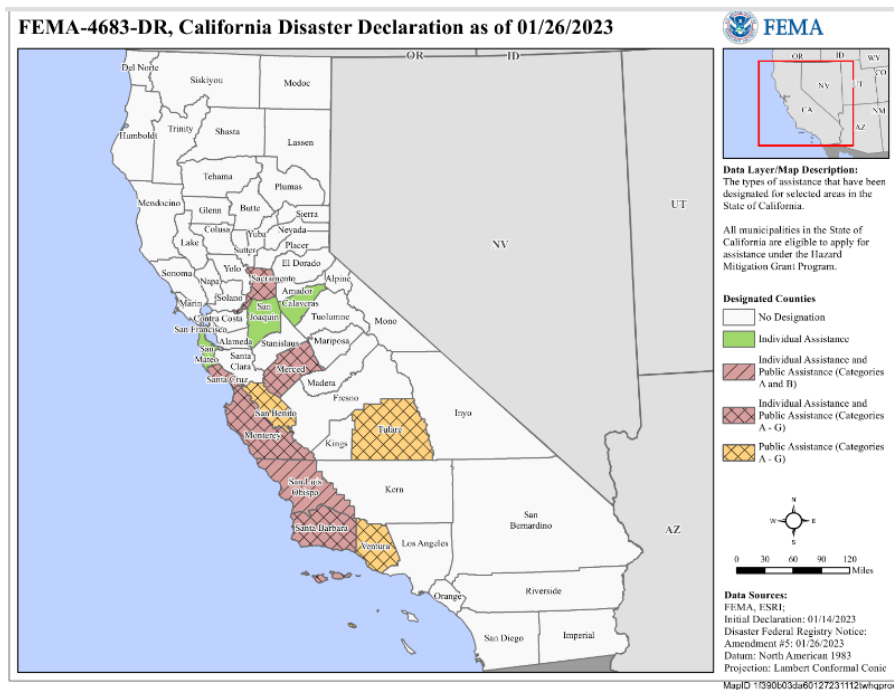
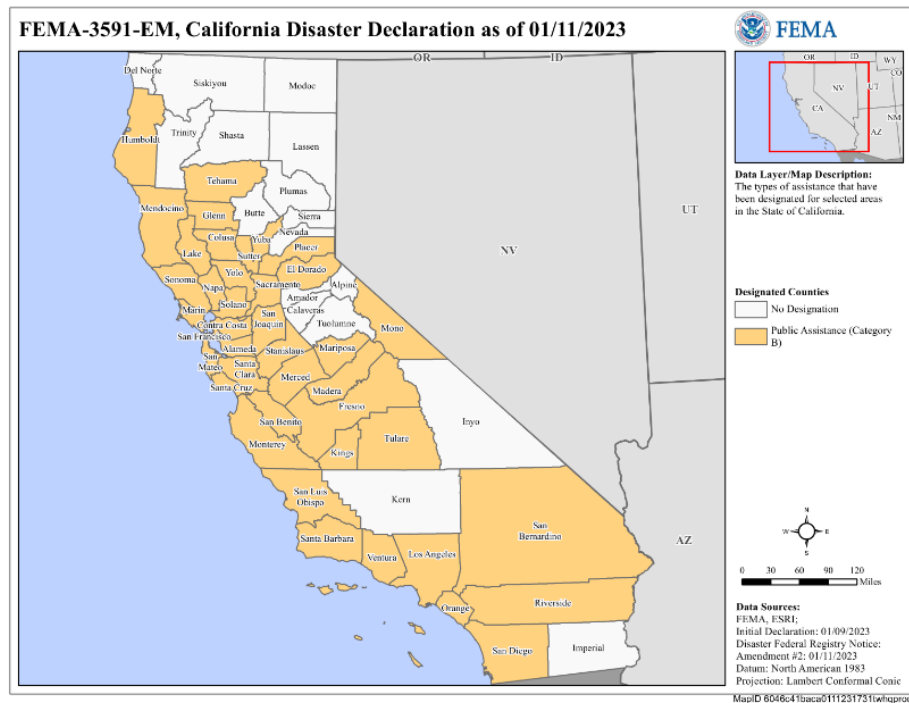
WEROC continues to host monthly coordination calls with member agencies to provide updates regarding COVID and other items occurring in the OA.

JANUARY INCIDENTS/EVENTS

- January Rain Events –
 - Two WEROC agencies reported water/wastewater infrastructure issues and response/damage costs.
 - State of Emergency. The text of the proclamation can be found [here](#). The text of the executive order can be found [here](#).
 - Federal Emergency Declarations (FEMA-3591-EM & FEMA 4683-DR)

Biden signed an “Emergency Declaration” (FEMA-3591-EM) for the California Storm Events starting Jan 8, 2023. Orange County was included. At this time, only

Category B
“Emergency
Protective
Measures” is
included
pending further
Initial Damage
Estimates for
Orange County
to be moved
into the Major
Disaster
Declaration
(see below)



Biden signed a “Major
Emergency Disaster
Declaration” FEMA 4683-
DR for the same period,
including Public Assistance
and Individual Assistance
for the hardest-hit areas
and with public
Infrastructure Damage.
Orange County is not part
of this declaration unless
the Initial Damage
Estimates prove otherwise.
At the time of this report,
Orange County only has
\$3,623,493 of reported
costs.

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

- On 1/3, WEROC held its monthly coordination meeting with member agencies.
 - On 1/4, WEROC attended the National Weather Service Briefing for the incoming storms.
 - On 1/5, Vicki, Dave, and Janine attended the monthly Orange County Emergency Management Organization (OCOMO) Meeting. The standing subcommittees provided their reports, and the presentation was the annual refresher on the Operational Area and how it works.
 - On 1/5, Vicki and Dave met with EOCWD at the North WEROC facility. EOCWD is looking for a temporary location to house staff while building a new administrative building. Vicki is currently reaching out to MWD, as part of the lease agreement, for approval to move forward with assistance to the agency.
 - On 1/5, Vicki and Dave attended the OCOMO Exercise Design subcommittee, planning the Countywide May Functional Exercise.
 - On 1/6, Vicki presented at the WACO meeting with the County Emergency Manager and MNWD on Earthquakes, understanding the puzzle of Response and Recovery. The presentation highlighted how we are prepared and where we have more activity to do.
 - On 1/9, Vicki attended the National Weather Service briefing on the incoming storms.
 - On 1/17, Vicki attended the CalWARN Board Meeting as the Region 1 Representative.
 - On 1/17, Vicki participated in the SMWD Emergency Response Exercise and provided a briefing on what WEROC is and how it works with SMWD.
 - On 1/17, Dave has a meeting with the county regarding the GIS Project WEROC is working on.
 - On 1/19, Vicki attended the OCOMO Leadership Monthly Meeting.
 - On 1/23-24, Dave attended the WUE/Water Loss Leak Detection training.
 - On 1.25, Vicki attended the National Weather Service webinar for the incoming rain event.
 - On 1/25, Dave attended the OCOMO Technology subcommittee meeting.
 - On 1/26, Vicki attended the Met Managers Meeting.
 - On 1/26, Mutual Aid Regional Advisory Committee (MARAC) meeting was canceled by CalOES due to the statewide storms.
 - On 1/27, Vicki attended the CESA State Board Meeting.
-

PLANNING AND PROGRAM EFFORTS

Contact Lists

January marks the start of the annual verification of all contact lists maintained in the various programs and documents. Janine is leading this project and ensuring all contacts are uploaded to the safety center.

Vicki executed the annual letters for the representatives to the Operational Area Executive Board for the water and wastewater mutual aid position.

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. This includes the establishment of the Red Book for activations.

OCIAC Coordination

Delegation Visits Guidelines was a joint partnership with WEROC and the OCIAC. WEROC maintains a close and positive working relationship with the Orange County Intelligence Assessment Center. The OCIAC will be in attendance, the February in-person quarterly meeting will be talking with agencies about infrastructure threats updates, and we will be going over the newly created Events.

Resource Requests and Member Agency Inventory Lists

Janine has started the revision of the WEROC member agency inventory lists. This list has not been updated in a few years, so it is time to update this important information.

Training and Exercises

Vicki provides 2 ICS courses this month, one at the City of Orange and one at the City of Westminster (82 people attended these two sessions)

Vicki participated in the SMWD Emergency Response Exercise held on January 17th.

Dave is coordinating with the agencies for participation in the May 2023 Operational Area Exercise. There is a planning meeting scheduled for February 7th.

Dave attended a G235 planning class conducted by CSTI in January.

The state approved all the 2023 first-quarter pieces of training. The courses include SEM/NIMS 100700 combined G611 EOC Section Series (Management, Operations, Planning, Logistics, and Finance), Recovery Part 2, and 800 MHz training. All these trainings are being conducted in-house.

WEROC Budget and Funding Agencies Meeting

On January 26, Vicki met with the WEROC funding agencies consisting of MWDOC, OCWD, OC Sans, SOCWA, and the three MET Cities (Anaheim, Santa Ana, and Fullerton). WEROC has a budget process each year with these agencies before bringing the MWDOC portion of the budget to the board as part of the MWDOC budget process. As part of the meeting, WEROC highlights the accomplishments for the past year, the goals for the remainder of the year, the objectives and goals for the next fiscal year, and the budget line items for approval. All agencies were optimistic about the outlined budget and FY23/34 goals and objectives and supported the budget and plan. Below highlight the objectives for the following year.

Below highlights some of the goals for the upcoming fiscal year. WEROC continues to use the assessment report from 2020 as a strategic plan for the WEROC program.

- Maintain WEROC and OC water and wastewater agencies in a state of readiness to respond to emergencies. Key aspects include staffing, training, exercises, and updating plans and procedures.
- Continue implementing the WEROC Assessment Plan and build upon the lessons learned from various training, exercises, and real events.
- Implementation of the Logistics Plans with after-action items captured from the Regional Tabletop Exercise that will incorporate how resources are coordinated within the WEROC Organization.
- Finalize and implement WEROC Emergency Water Distribution Plan by working with the County, cities, and water agencies by region to establish the responsibilities, process, and procedures based on outcomes of testing the plan during the May 23 Operational Area Exercise.
- Update the WEROC Map Atlas. These maps contain critical information for both water and wastewater. Additionally, jurisdiction areas are divided into Public Safety Power Shutoff Zones. The project will include the incorporation of hardcopy and GIS layers. These maps were updated in 2017, and some areas' infrastructure and water system oversight has changed.
- Development of the Regional Water and Wastewater Fuel Plan Project.
- Establish a contract to update the Orange County Regional Water and Wastewater Hazard Mitigation Plan. This is a choice contract. This plan is valid and approved by FEMA until March 2, 2025. In the last revision, 20 water and wastewater agencies participated in the project.

WEROC Emergency Operations Center Project

100% designs were received from the architect. Vicki will be taking this information to the MWDOC managers meeting along with a plan for the next steps and will bring this item to the MWDOC Board in March to the Planning & Operations Committee.

WEROC GIS Dashboard

Dave continues to work on the GIS Dashboard after receiving positive responses from member agencies. As part of the damage assessment feature, the goal is to include this as a field component during the May exercise. Dave met with the County this month regarding this project.

WEROC Planning Documents Created/Updated in January

- Protocol - Events and Delegation Visits Guidelines

County Plans Reviewed:

- County of Orange and Operational Area Disease Outbreak Response Annex - Final Revision
- County of Orange Recovery Plan – Chapter 3

MET ITEMS CRITICAL TO ORANGE COUNTY

MET FINANCE AND RATE ISSUES

Water Transactions in November 2022 (for water delivered in September 2022) totaled 135.0 thousand acre-feet (TAF), which was 11.4 TAF lower than the budget of 146.4 TAF and translated to \$126.6 million in receipts for November 2022, which were \$11.8 million lower than the budget of \$138.4 million.

Year-to-date water transactions through November 2022 (for water delivered in May 2022 through September 2022) were 736.6 TAF, which was 18.2 TAF higher than the budget of 718.4 TAF. Year-to-date water receipts through November 2022 were \$688.4 million, which was \$8.8 million lower than the budget of \$697.2 million.

As of November 30, 2022, Metropolitan's investment portfolio balance was \$1.3 billion.

MET INTEGRATED RESOURCES PLAN UPDATE

To provide member agency access to an equivalent level of water supply reliability through the necessary adaptive implementation of the IRP findings:

- Metropolitan staff regularly met with State Water Project-dependent agencies to develop volumetric limits for SWP Table A, Human Health & Safety, and Water Surplus & Drought Management (WSDM) supplies. Metropolitan staff also is developing a board resolution to prepare the region for a potential Water Supply Allocation for FY2023–24.
- Bids for constructing the Wadsworth Pumping Plant Bypass were opened on December 13, 2022. Board award of the contract is scheduled for January 2023.
- The Colorado River Basin States agreed in December to develop a seven-state consensus alternative that can be included in the Bureau of Reclamation's Supplemental Environmental Impact Statement (SEIS) for the 2007 Interim Guidelines. We are working with partner agencies in California and the Basin States to attempt to develop an acceptable alternative, which needs to be provided by the end of January 2023 to have time to include it as an alternative in the SEIS.

To advance the long-term reliability and resilience of the region's water sources through a One Water approach that recognizes the interconnected nature of imported and local supplies, meets both community and ecosystem needs, and adapts to a changing climate:

- SRI is engaging a consultant to help facilitate the development of a district-wide SRI Strategy that will include Guiding Principles, Goals, and Key Performance Metrics that integrate Metropolitan efforts on sustainability, resilience, and innovation. This will consist of Engineering's efforts on its Infrastructure Resilience Plan and the Seismic Resilience Plan, both of which are underway. Engineering is continuing to assess the potential for ENVISION certification in two capital projects and is exploring test installations to allow for a more significant percentage of reclaimed asphalt in paving projects.

- Metropolitan staff reported to the Board this month on Climate Action progress to green our energy portfolio, transition to zero-emission vehicles, and build renewable energy; they also launched a public-facing dashboard tracking Metropolitan's greenhouse gas emissions and reported to the Board on a quarterly science update related to Bay-Delta issues. The public comment period for the Delta Conveyance Project EIR is complete, and the USACE Draft EIS is now out for comment until mid-February.
- The Board approved using the \$80-million state grant to help expedite the Pure Water project, including hiring a select number of staff. An RFP for early-start pipeline design was advertised this month, and the Program Manager procurement is nearly complete.

MET'S WATER QUALITY UPDATE

Water System Operations

Metropolitan member agency water deliveries were 108,900 acre-feet (AF) for December, with an average of 3,513 AF per day, 84 AF per day lower than in November. Treated water deliveries increased by 1,600 AF from November for a total of 48,800 AF or 45 percent of total deliveries for the month. The Colorado River Aqueduct (CRA) transitioned from an eight to a seven-pump flow in mid-December, with a total of 101,000 AF pumped in December. This change in operations addressed significant increases in CRA power costs due to extraordinarily high natural gas prices and their impact on the power market. The transition to seven-pump flow was estimated to save about \$200,000 per day in power costs but only reduced the end-of-year storage at Lake Mathews by about 5,500 AF. Lake Mathews storage would remain over 90 percent full going into the CRA shutdown in February 2023.

Water Treatment and Distribution

The State Water Project target blend entering the Weymouth and Diemer plants and Lake Skinner was zero percent in December 2022.

Flow-weighted running annual averages for total dissolved solids from September 2021 through August 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, 596, and 593 mg/L for the Weymouth, Diemer, and Skinner plants, respectively. Turbidity levels in Jensen plant influent increased significantly, up to 25 nephelometric turbidity units (NTU), in mid-December following recent storm events in the Castaic Lake watershed. The Jensen plant treatment processes were optimized to manage the increased source water turbidity. The plant performed well and met all operational and regulatory compliance standards.

Since 2005, ozone has been used as a primary disinfectant for conventional treatment at the Jensen plant. The plant has a total of five generators used in this process. Two of the generators have been removed from service for cleaning and refurbishment. New power supply units for the generators are also being installed, consistent with current industry standards with more readily available parts for service and maintenance. A \$2.26M capital project to replace ozone power supply units at the Jensen plant is underway. This work is scheduled for completion in December 2023.

Future Legislation and Regulation

On November 17, the California Air Resources Board (CARB) amended its In-Use Off-Road Diesel-Fueled Fleets Regulation that affects all of Metropolitan's off-road diesel engines with 25 horsepower or more (e.g., construction equipment). Beginning January 1, 2024, the regulation mandates the phase-out of older Tier 0–2 engines, bans adding Tier 3 and Tier 4 engines, requires the use of specified renewable diesel, and requires affected entities to hire only compliant fleets. The regulation also allows flexibility when adding zero-emission vehicles to its fleet. Metropolitan staff is working on transitioning towards a near-zero or zero-emission fleet as part of Metropolitan's Climate Action Plan. Metropolitan staff will continue to monitor for further updates to the regulation.

On December 7, the State Water Resources Control Board extended the emergency regulation on Prohibited Wasteful Water Uses Emergency Regulation for Water Conservation to January 2024. The emergency regulation prohibits visible landscape irrigation runoff, washing a car without a shut-off nozzle, washing down hardscapes, and watering within 48 hours after a rainstorm. Metropolitan facilities have been notified of these regulations to ensure compliance.

On December 13, Metropolitan staff attended a virtual meeting of the National Drinking Water Advisory Council Microbial/Disinfection Byproducts (MDBP) Rules Revision Working Group, which was formed to provide the U.S. Environmental Protection Agency with advice and recommendations on key issues related to potential revisions to MDBP regulations. Key topics discussed by the working group include disinfectant residual levels, opportunistic pathogens, regulated and unregulated disinfection byproducts, consecutive drinking water systems, drinking water distribution systems, finished water storage, precursor removal and treatment, source water considerations, sanitary surveys, and water safety plans. Participation in such forums ensures that Metropolitan is properly informed and positioned to address revised and new regulations.

On December 15, the California Public Utilities Commission unanimously voted to approve the Net Energy Metering (NEM) 3.0 Proposed Decision. NEM is a program that credits a solar customer's electric bill for surplus energy sent back to the grid. The NEM 2.0 standard will sunset in mid-April 2023. Solar systems installed before NEM 3.0 becomes effective will be grandfathered under NEM 2.0 for 15 years. Metropolitan staff will track the roll-out of NEM 3.0 and its impacts on Metropolitan's existing and future solar projects.

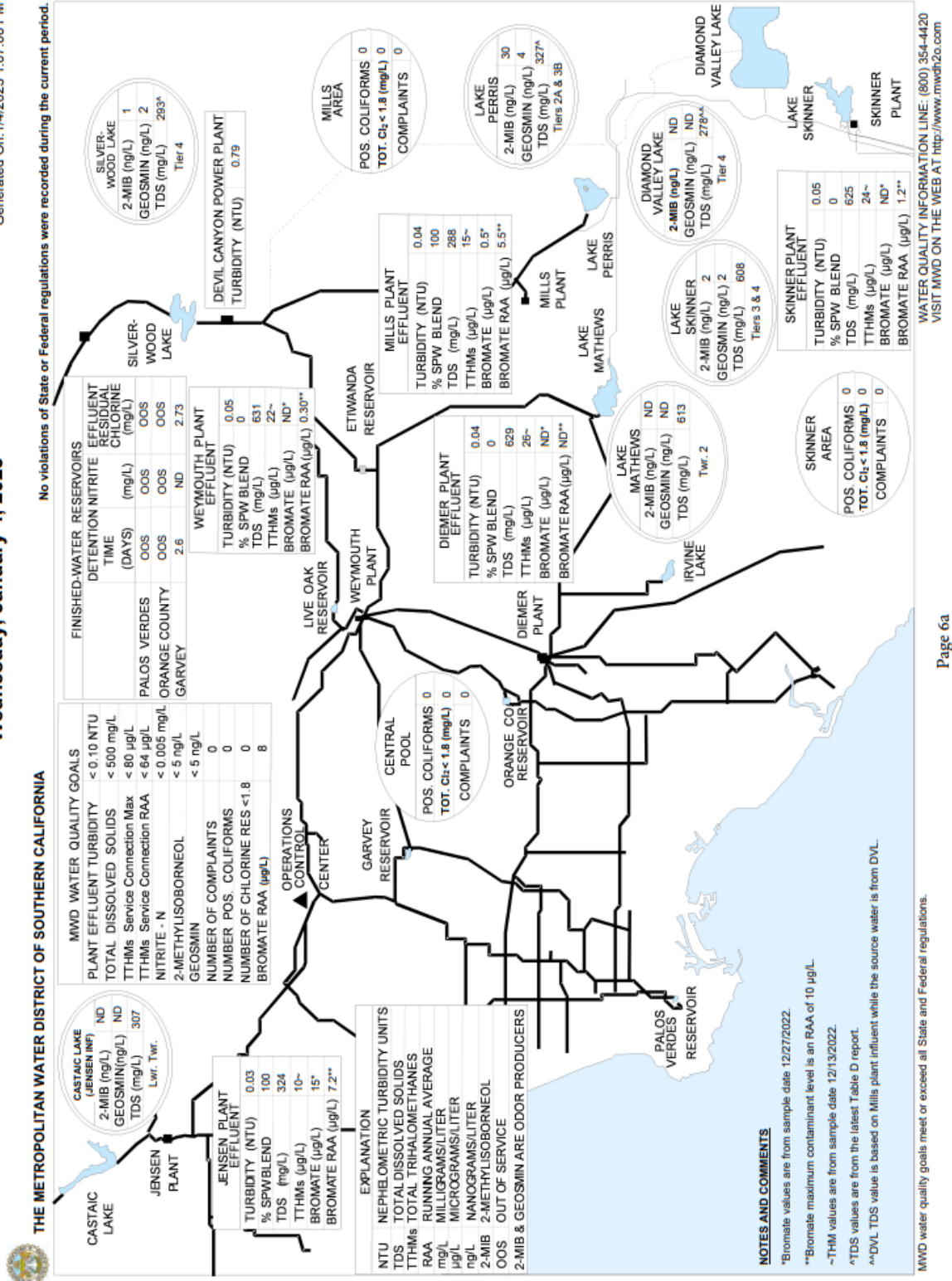
On December 15, the California Division of Occupational Safety and Health adopted a Permanent COVID-19 Standard. The permanent standard replaces the emergency temporary standard. The new permanent COVID-19 standard is effective between January 2023 and January 2025. The less stringent permanent standard simplifies notification requirements and testing of close contacts, removes exclusion pay, and aligns with California Department of Public Health definitions such as "Close Contact." Metropolitan staff will adjust certain existing COVID-19 protocols to comply with the

latest permanent standard.

Weekly Water Quality System Status

Wednesday, January 4, 2023

Generated On: 1/4/2023 1:07:06 PM



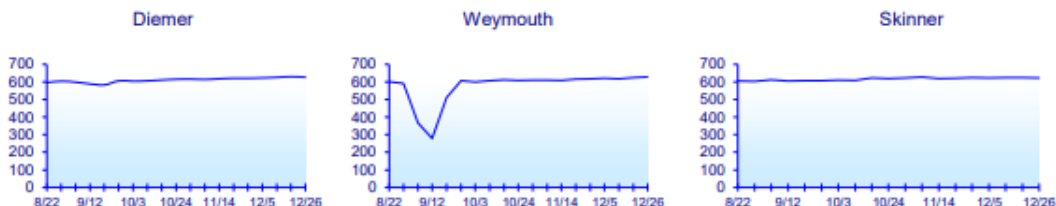
Water Quality Section Weekly TDS Report

For the week of 12/25/2022

Percent SPW Needed to Achieve TDS Goal of 500 mg/L				Estimated TDS for Reservoirs		
Source Water TDS		SPW Required		Reservoir (Effluent)	Date	mg/L
Plant	CRW	SPW	Percent			
Weymouth	615	276	34%	Lake Havasu (Table D)	10/5/22	614
Diemer	615	276	34%	Lake Mathews (DFPI-LWRFRD)	12/26/22	610
Skinner-Silverwood	606	276	32%	Lake Skinner (Outlet Structure)	12/26/22	610
Skinner-Perris	606	327	38%	Castaic Lake (JFPI)	12/25/22	313
CRW for Diemer and Weymouth is Lake Mathews and San Jacinto - West Portal for Skinner.				DVL (Mills Inf)	12/25/22	276
				Lake Perris (Table D)	10/3/22	327
				DVL Outlet (Table D)	10/10/22	283

SUNDAY COMPOSITE ESTIMATED TDS FOR 08/21/22 - 12/25/22

TDS For Week of 12/25	
Plant Eff.	mg/L
Diemer	627
Weymouth	629
Skinner	622
Jensen	330
Mills	291



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 08/21/22 - 12/25/22

TDS For 12/19 - 12/25	
Plant Eff.	mg/L
Diemer	628
Weymouth	630
Skinner	623



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 November 2021 - October 2022

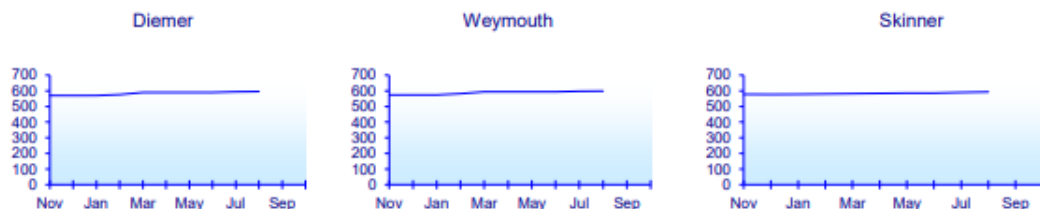
TDS For Oct 2022	
Plant Eff.	mg/L
Diemer	621
Weymouth	629
Skinner	626
Jensen	332
Mills	300



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 November 2021 - October 2022

Flow-Weighted RAA TDS Nov 2021 - Oct 2022	
Plant	mg/L
Diemer	601
Weymouth	596
Skinner	599
Jensen	325
Mills	295



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

Basin States Agree to Collaborate on Colorado River Alternative

On December 20, Metropolitan submitted scoping comments for developing the supplemental environmental impact statement (SEIS) for the 2007 Interim Guidelines. Those comments included recognition of the need to provide sufficient water for public health and safety in the Colorado River Basin, including Metropolitan's service area. Metropolitan staff also collaborated with Southern Nevada Water Authority and Central Arizona Project to submit similar comments highlighting the need to protect some level of municipal water supplies. Metropolitan staff also provided input to the Colorado River Board of California comments, highlighting the need to consider the existing agreements and compacts when reducing water supply. With those comments submitted, the Colorado River Basin states are now working on developing a seven-state consensus alternative that can be included in the SEIS. The Bureau of Reclamation would need an alternative developed by the end of January 2023 to have time to include it as an alternative in the SEIS. The alternative would consist of proposed changes to the coordinated operations of Lake Powell and Lake Mead and additional shortage reductions to the Colorado River Basin states beyond what is included in the 2007 Interim Guidelines and the 2019 Drought Contingency Plan. The alternative does not need to have all the details of what intrastate arrangements would be required; however, it does need to have enough information about the effects on the Colorado River and its resources to show how it would be affected. If the states successfully agree on an alternative for the SEIS, the agencies would then need to develop details and ultimately agree on how this alternative could be implemented. For agencies within California, it is likely that the section 5 water rights contractors, including Metropolitan, would need to have their respective boards consider and approve agreements for the alternative to be implemented. It is anticipated that if agreements are developed and approved, they will cover water supply operations from 2024 through 2026.

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) under the California Environmental Quality Act (CEQA) closed on Friday, December 16. The California Department of Water Resources (DWR) released the Draft EIR for public review and comment on July 27, 2022. On December 16, the U.S. Army Corps of Engineers (USACE) released the public Draft Environmental Impact Statement (Draft EIS) for the DCP ([SPK-2019-00899, Public Notice of Public Review of the Draft Environmental Impact Statement \(DEIS\) for the Delta Conveyance Project, Sacramento, San Joaquin, Contra Costa, and Alameda Counties, CA > Sacramento District > Sacramento District Regulatory Public Notices \(army.mil\)](#)). The public comment period runs from December 16, 2022, to February 14, 2023. The USACE will hold three virtual public meetings in January to receive comments from the public on the project and the draft document. Affected Federal,

State, regional, and local agencies, Native American Tribes, other interested private organizations, and the public are invited to participate.

Joint Powers Authorities

During the regularly scheduled Board of Directors meeting on December 15, the Delta Conveyance Design and Construction Authority Board of Directors approved extending a resolution authorizing virtual board and committee meetings pursuant to AB 361.

The December 15 regularly scheduled Delta Conveyance Finance Authority meeting was canceled.

Sites Reservoir

In their December Joint meetings, the Sites Project Authority Board and the Sites Reservoir Committee approved the actions for the 2023–2024 Proposed Sites Reservoir Test Pits, Fault Studies, and Quarry Studies (Project), adopted the CEQA Initial Study/Mitigated Negative Declaration, adopted the associated Mitigation, Monitoring, and Reporting Program document, and approved the Project.

Science Activities

Metropolitan staff worked with researchers from UC Davis to continue the Delta Smelt Pilot Propagation study. The study uses the impoundments on Bouldin Island to conduct a proof-of-concept study by placing hatchery Delta smelt in the impoundments and monitoring their condition. The results are promising, and the Delta smelt is still doing well after three weeks, suggesting that culture in larger impoundments is feasible with limited management during the winter. Future work will include repeating the experiment in January to verify the results and inform further studies in the next few years.

Metropolitan staff also continued to work on Phase 2 of the Reorienting to Salmonid Recovery project. Metropolitan staff worked with the Project Planning team to organize and conduct three half-day workshops to identify how social, cultural, economic, and ecological interests related to salmonid recovery will be quantified and measured. The project can evaluate how different actions to recover salmonids may affect these important values by developing these values. Over 60 people from different interest groups participated, including tribal, environmental, commercial, and recreational fishing, agriculture, water agencies, and state and federal resource agencies. The values identified in the workshops will feed into Phase 3 of the project, which begins at the end of December and includes a structured decision-making process to identify, develop, model, and prioritize different actions to recover salmonids.

Regulatory Activities

On October 7, 2022, the US Fish and Wildlife Service (USFWS) issued a proposed rule to list the San Francisco Bay Delta distinct population segment of longfin smelt as an

endangered species under the federal Endangered Species Act. Metropolitan staff is reviewing the proposed rule and developing comments. Comments on the proposed rule are due on December 6, 2022.

PUBLIC/GOVERNMENT AFFAIRS

COMMUNITY AND MEMBER AGENCY RELATIONS

Public Affairs Staff:

- Provided a 2023 Water Awareness Poster Contest Media/Tool kit to our member agencies and education partners
- Met with Girl Scouts of Orange County to discuss water-centric learning opportunities for girl scouts

Government Affairs Staff:

- Circulated a Notice of Funding Opportunity to all member agencies for the Bureau of Reclamation's, WaterSMART: Water Recycling and Desalination Planning grant funds
- Circulated the monthly Grants Tracking and Acquisition report to all member agencies with projects on the tracking list
- Attended the ACC-OC Water, Energy, and Environment Committee meeting
- Shared information from the California Energy Commission's release of funding for zero-emission commercial vehicle grants
- Attended the ACC-OC Legislative and Regulatory Committee meeting
- Attended the South Orange County Economic Coalition's monthly meeting focusing on western water

EDUCATION

Public Affairs Staff

- Announced 2023 MWDOC Water Awareness Poster Contest for Orange County K-12 students, sent 2023 Contest announcement to past participants, teachers, libraries, Boys & Girls clubs, and other OC learning centers
- Gathered interest for the Metropolitan Water District of Southern California's Water Engineering for Good (WE4G) STEM competition
- Hosted the Water Energy Education Alliance (WEEA) Leadership Roundtable #13
- Coordinated translation of WEEA Water and Energy recruitment brochures into eight (8) additional languages— Spanish, Chinese, Vietnamese, Korean, Armenian, Tagalog, Farsi, and Russian
- Provided information regarding the MWDOC K-12 Choice School Programs to Moulton Niguel Water District, City of Brea, City of Anaheim
- Attended grade 3-5 presentations at Malcolm Elementary School with Moulton Niguel Water District representative
- Provided information regarding the 2023 MWDOC Water Awareness Poster Contest to MWDOC K-12 Choice School Program contractors for distribution
- Shared the California Environmental Education Foundation (CEEF) Teacher Institute training opportunity with Orange County teachers

- Participated in the Orange County Community Foundation's quarterly Workforce Development Initiative meeting

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 distributed news release on the passing of General Manager Rob Hunter
- Prepared and distributed news release on the Appointing of Director Karl Seckel to Metropolitan's board
 - Updated the website and briefing papers to reflect the appointment of Director Seckel
- Prepared and submitted the following article to the Association of California Water Agencies News:
 - <https://www.acwa.com/news/mwdocs-annual-water-awareness-poster-contest-underway/>
 - <https://www.acwa.com/news/mwdoc-appoints-director-seckel-to-metropolitan-board/>
 - Coordinated and facilitated various news stories, including KCAL's 1.11.23 drought story featuring Director Seckel.

SPECIAL PROJECTS

Public Affairs Staff:

- Coordinated and attended an inspection trip to the Colorado River Aqueduct for 25 Orange County and San Diego Residents, hosted by Director Dennis Erdman from MWDOC and Director Tim Smith from San Diego County Water Authority
- Prepared and distributed the First and Second Invites for the MWDOC Water Policy Forum & Dinner on February 9, 2023, featuring Adán Ortega
- Prepared and sent WUE the EPA Water Sense Social Media posts that promoted Water Sense campaigns

Governmental Affairs Staff:

- Assisted with the drafting and dissemination of the ISDOC Quarterly Meeting invitation
- Staffed the ISDOC Executive Committee meeting
- Staffed the WACO meeting on earthquake response and preparedness
- Distributed a Call for Candidates for two vacancies on the ISDOC Executive Committee
- Made updates to the ISDOC distribution lists

- Staffed the WACO Planning Committee meeting
- On behalf of ISDOC, I reached out to OCTA to invite them to speak at an upcoming meeting
- Prepared the agenda for the ISDOC Quarterly meeting
- Staffed the ISDOC Quarterly Membership Meeting featuring speaker Brooke Staggs

LEGISLATIVE AFFAIRS

Governmental Affairs Staff:

- Met with Director Crane to review MWDOC's legislative principles and priorities
- Prepared and filed the quarterly lobbying report with the Secretary of State's office
- Attended a webinar discussion and review of the Natural Resources Agency state budget update in the newly released Governor's budget
- Participated in the CMUA Regulatory and Legislative Committee meetings
- Participated in the ACWA Infrastructure Working Group meeting
- Met with staff from Senator Catherine Blakespear's office to introduce ourselves and share information about the WEROC EOC project
- Met with Lana Haddad from Metropolitan to discuss upcoming legislative priorities and potential coordinate meetings
- Participated in the Cal-Desal Legislative Committee meeting
- Compiled information for Director Ackerman on current and prior water bill proposals
- Participated in CMUA's Big and Bold Water Bill Strike Team weekly meetings
- Attended the CSDA Legislative Committee Meeting
- Participated in a meeting with Charles Busslinger and Sara Tucker with Don Barnett, Executive Director of the Colorado River Salinity Control Board
- Attended the ACWA Federal Affairs Committee meeting

WATER USE EFFICIENCY

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

On January 10, Rachel Waite attended the OCDAP STAC. The working group collaborates on and organizes a regional effort to cost-share the acquisition of high-resolution aerial imagery and related products. Topics on the agenda included:

- 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 February 14.

MWDOC WATER LOSS CONTROL WORKGROUP

On January 10, Joe Berg and Rachel Davis hosted the Orange County Water Loss Control Workgroup meeting via Zoom. Approximately 32 agency staff attended this meeting. Items on the agenda included:

- Water Loss Updates
 - Shared Services Exhibit
- Introduction to Water Loss Audit Software Version 6
- SWRCB Economic Model Custom Inputs
 - E Source Economic Model App
- Discussion and Questions

ORANGE COUNTY LANDSCAPE PROGRAM ADVISORY COMMITTEE (PAC) MEETING

On January 12, Joe, Beth Fahl, Sam Fetter, Tina Fann, and Rachel W. participated in the Orange County Landscape PAC meeting, along with staff from Irvine Ranch Water District, Santa Margarita Water District, Moulton Niguel Water District, and City of San Clemente. Items on the agenda included:

- Training Update
- Landscape Design Program/Landscape Maintenance Program Modifications
- Future PAC Topics

The next meeting is scheduled for February 9.

METROPOLITAN WATER USE EFFICIENCY TREE PROGRAM ADVISORY COMMITTEE (PAC)

On January 13, 19, 27, and February 2, Rachel W. attended the Metropolitan Tree PAC, a sub-group of the Metropolitan WUE PAC focused on effectively promoting the inclusion of trees in the Turf Replacement Program. Topics discussed included potential ways to increase the occurrence of tree plantings and creating guidance to implement suggested changes.

Additional follow-up meetings will be scheduled if needed.

PROJECT AGREEMENT (PA) 22 ADVISORY WORKGROUP MEETING

On January 17, Rachel W. attended the PA 22 Advisory Workgroup meeting hosted by SAWPA. Topics on the agenda included:

- Prop 1 Enhanced Decision Support Tool Update
 - Reclamation Imagery Analysis
- SARCCUP Water Budget Assistance
 - Update on Retail Water Agency Status

The next PA 22 Advisory Workgroup is scheduled for February 21, and the next PA 22 Committee Meeting is scheduled for March 14.

METROPOLITAN WATER USE EFFICIENCY WORKGROUP MEETING

On January 19, Joe, Beth, Sam, Tina Fann, Rachel D., and Rachel W. participated in Metropolitan's Water Use Efficiency Workgroup meeting via Zoom. Items on the agenda included:

- Welcome
- Metropolitan Board Meetings Updates
 - Previous: December and January
 - Upcoming: February
- Water Savings Incentive Program (WSIP)
 - Case Studies
- Metropolitan Water Supply Update
- Metropolitan Conservation Program Updates
 - MAAP
 - Grants
- External Affairs Update
- Member Agency Roundtable

The next meeting is scheduled for February 16.

TURF REMOVAL AND SPRAY TO DRIP INSPECTION TRAINING

On January 19, Tina hosted a training session on inspection procedures for the Turf Removal and Spray to Drip programs. The training was held via Zoom; over 40 member agencies and inspection agency staff members attended the training. A training recording was also shared with staff unable to participate in the live session. Training topics included:

- Requirements of the Turf Removal and Spray to Drip Programs
- Pre- and Post-Inspection Practices
- Eligible vs. Ineligible Projects
- Navigating the Online Droplet Portal to upload Inspection Documents
- Customer Application Process

GRANT WRITING USA GRANT WRITING CLASS

On January 23 and January 24, Tina and Sam attended an in-person grant writing class held by Grant Writing USA in Anaheim. The class taught the key components of writing grant proposals and how to find funding sources.

LEAK DETECTION EQUIPMENT TRAINING

On January 23 and 24, Rachel D. hosted a leak detection equipment training at the Dana Hills Tennis Center. This workshop is designed to provide member agency operations and conservation staff exposure to acoustic leak detection equipment, an introduction to leak sound theory, and basic principles of performing a leak detection survey. Rachel also gave a presentation on the MWDOC Water Loss Control Shared Services program and the options available to member agencies. Participants were also able to earn continuing education hours towards their professional licenses. There was 24 member agency staff in attendance.

ALLIANCE FOR WATER EFFICIENCY (AWE) WATER EFFICIENCY RESEARCH COMMITTEE (WERC)

On January 24, Rachel W. attended the AWE WERC. Topics on the agenda included:

- 2023 Work Plan
- New WERC Chair Discussion and Election
- AWE Research Projects and Updates
- AWE Water Efficiency and Conservation Symposium
- CalWEP Updates
- Committee Member Research Activity

The next meeting is scheduled for a to-be-determined date next quarter.

ALLIANCE FOR WATER EFFICIENCY (AWE) COOLING TOWERS COHORT KICKOFF MEETING

On January 31, Sam joined the AWE Cooling Towers Cohort Kickoff Meeting hosted by AWE. Attendees included water use efficiency staff from water agencies around the country. This meeting was the first meeting of the learning cohort and covered introductions and scheduling of future meetings.

The next meeting is scheduled for February 22.

ORANGE COUNTY WATER USE EFFICIENCY WORKGROUP MEETING

On February 2, Joe, Beth, Rachel W., Rachel D., Sam, 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
- Water Use Efficiency Standards Update
- Metropolitan Update
 - MWD Board Update – December and January
 - MWD Board Update - February
- Water Use Efficiency Updates
 - Preliminary Choice Allocations for FY 23-24
 - Turf Removal Program Update
 - Turf Removal Savings Persistence Study
 - Grant Funding/Turf Activity Update
 - Trees as a Sustainability Feature
- CalWEP Update
- Future Agenda Items

The next meeting is scheduled for March 2.



MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AGENCIES MANAGERS MEETING

ZOOM LINK:

<https://us06web.zoom.us/j/89584800875>

Meeting ID: 895 8480 0875

Passcode: 517256

Dial-in option: (669) 900-9128

WHEN: Thursday, February 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. WEROC Update([Link](#))

2-2. Draft Board Agendas([Link](#))

2-3. MWD OC Draft Budget & Reserves Update([Link](#))

2-4. MET Updates

A. Water Supply Allocation Planning Update([Link](#))

B. Board Retreat Update([Link](#))

2-4. Engineering Update

3. Announcements:

3-1. MWD OC hosted Dinner at ACWA DC..... RSVP to Heather Baez

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](#))

5. Next meeting tentative scheduled for March 16

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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



Orange County Reuse Chapter Meeting Agenda
February 16, 2023 11:30 am – 1:30 pm

Moulton Niguel Water District

Multi-Purpose Room
26161 Gordon Rd
Laguna Hills, CA 9265

Lunch sponsored by: Moulton Niguel Water District

- 1. Networking & Social Session – 11:30 am** (in-person only)
- 2. Call to Order – 12:00 pm**
- 3. Welcome (Scott)**
- 4. Presentations**
 - ***Moulton Niguel Water District's RAIN Treatment Center***
 - Laura Rocha, Water Resources Manager
 - Alex Thomas, Principal Engineer

- 5. Standing Items**
 - **State Section Update:** Joone Lopez, MNWD
 - **Regulatory Updates:** DDW/OCHCA
 - **Legislative and Regulatory Matters:**
Alicia Dunkin, OCWD
 - **Potential Funding for Projects:**
See handout

6. Conferences/Webcasts (see list)

7. Other Announcements/Discussion Items

8. Roundtable: What's Going On – All

9. Adjournment

Upcoming Webcasts & Conferences

- **2023 WaterReuse Symposium | Atlanta**
March 5-8 | Advance registration thru 2/26
- **2023 WaterReuse CA Conf. | Indian Wells**
November 5-7
- **WRTX Webcast: Tel Aviv to Texas: Lessons Learned from the 2022 Israel Delegation**
February 15 | 11am PST
- **National Water Policy Fly-In | Wash. DC**
April 25-26

See www.watereuse.org to register and for more info.

Upcoming Meetings

- Apr 20 – TBD
- Jun 15 – TBD
- Aug 17 – TBD

**Looking for hosts
& sponsors topics
for 2023**

Orange County Chapter of WaterReuse California

President: Scott Lynch, (949) 292-7454, slynch@jcsd.us
Vice President: Hannah Ford, (949) 837-7050, hford@etwd.com
Secretary/Treasurer: Kraig Erickson, (949) 420-5306, KErickson@woodardcurran.com
Chapter-Trustee: Joone Lopez, (949) 444-6994, JLopez@mnwd.com
Past-President: Jason Dadakis, (714) 378-3364, JDadakis@ocwd.com
Legislation/Regulation Committee Member: Alicia Dunkin, (714) 378-8232, adunkin@ocwd.com

<http://www.watereuse.org/sections/california/orange-county>

Meeting Notes:

[illegible]

Orange County Chapter of WaterReuse California

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<http://www.watereuse.org/sections/california/orange-county>

SOUTH ORANGE COUNTY AGENCIES GROUP MEETING
THURSDAY, JANUARY 26, 2023
12:00 P.M. to 1:30 P.M.
AGENDA

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

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

SOUTH ORANGE COUNTY AGENCIES' GROUP CONSISTS OF MEMBERS AND REPRESENTATIVES FROM

City of San Clemente • El Toro Water District • Emerald Bay Service District
Irvine Ranch Water District • Laguna Beach County Water District • Moulton Niguel Water District
Santa Margarita Water District • South Coast Water District • Trabuco Canyon Water District

NOTICE OF ADJOURNMENT**LOCAL AGENCY FORMATION COMMISSION OF
ORANGE COUNTY****REGULAR MEETING AGENDA****Wednesday, February 8, 2023
8:15 a.m.****County Administration North (CAN)
First Floor Multipurpose Room 101
400 W. Civic Center Drive, Santa Ana, CA 92701**

The Local Agency Formation Commission of Orange County will not conduct its Regular Meeting on February 8, 2023. The next scheduled meeting of the Commission will take place on Wednesday, March 8, 2023, commencing at 8:15 a.m. at the County Administrative North (CAN), First Floor Multipurpose Room 101, 400 W. Civic Center Dr., Santa Ana, CA 92701.

For more information or questions, you may contact Cheryl Carter-Benjamin, Clerk of the Commission at (714) 640-5100 or by email at ccarter-benjamin@oclafco.org.

Posted: February 24, 2023



Executive Committee Meeting

Tuesday, February 7, 2023

7:30 a.m.

Mailing Address

P.O. Box 20895
Fountain Valley, CA 92728

Meeting Location

MWDOC/OCWD
18700 Ward Street
Fountain Valley, CA 92708

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

<https://isddoc.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*

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

Join Zoom Meeting

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

Dial by your location

669 900 9128 US (San Jose)

877 853 5247 US Toll-free

888 788 0099 US Toll-free

Meeting ID: 992 8738 4726

AGENDA

I. Welcome, Introductions – 7:30 am

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

II. Approval of Minutes – 7:35 am

- Approval of January 3, 2023 Minutes

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

IV. New Business – 7:45 am

- Membership Dues for 2023
- Reserve Levels

V. Old Business – 8:00 am

- Special Appointment Process Update – Secretary and 3rd V.P.

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

- Report of accounts

VII. CSDA Report – 8:10 am – Director Schafer or Chris Palmer

- Receive, discuss and file the CSDA Report

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

- Receive, discuss and file the LAFCO report

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

- Receive, discuss and file the ACWA report

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

- Receive, discuss and file OCCOG report

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

- Receive, discuss and file OCOA report

XII. Subcommittee Reports – 8:35 am

- Programs – Director McVicker
- Membership - Director Mesmer
- Legislative – Vacant

XIII. Adjourn – 8:40 am



**Executive Committee Meeting
(Virtual Meeting via Zoom)**
Tuesday, January 3, 2023, 7:30 a.m.

MEETING MINUTES

I. WELCOME:

President Greg Mills called the meeting to order at 7:33 a.m. and welcomed all.

DIRECTORS PRESENT:

Greg Mills	President	Serrano Water District (SWD)
Bob McVicker	1 st Vice President	Municipal Water District of Orange County (MWDOC)
Paul Mesmer	2 nd Vice President	Surfside Colony Community
Vacant	3 rd 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:

None

SUPPORT STAFF PRESENT:

Heather Baez	MWDOC
Laura Heflin	Serrano Water District
Tina Dubuque	MWDOC
Sharon Brimer	Recording Secretary

OTHERS PRESENT:

Stephen Faessel	City of Anaheim
Arlene Schafer	Costa Mesa Sanitary District (CMSD)
Mike Schaefer	CMSD
Jerry Legg	Five Star Bank
John Withers	Irvine Ranch Water District (IRWD)
Deanna Rey	KYA Services
Michelle Fox	KYA Services
Jim Fisler	Mesa Water District (MWD)
Stacy Taylor	MWD
Larry Dick	MWDOC
Gavin Centeno	Orange County Local Agency Formation Commission (OCLAFCO)
David Anderson	Water Emergency Response Organization of Orange County (WEROC)
John Lewis	

II. MEETING MINUTES:

MOTION:

Motion by 1st Vice President McVicker, second by Director Jacobs, to approve the December 6, 2022, meeting minutes as submitted. The motion passed unanimously.

III. PUBLIC COMMENTS:

None

IV. NEW BUSINESS:

- Special Appointment Process – Secretary and 3rd Vice President

President Mills noted there is a new service for the preparation of meeting minutes. Going to an outside service for recording secretary was done to accommodate smaller agencies whose ISDOC member volunteered for the position of Secretary and who may not have the expertise or staff to support the recording secretary function.

Ms. Taylor introduced Sharon Brimer, who provides contracted services for recording secretary and has been performing the function for Mesa Water District for about 14 years.

President Mills noted that the positions of Secretary and 3rd Vice President are open, and the Board is seeking volunteers to fill those positions. He said he contacted several agencies for recruitment possibilities.

Director Jacobs offered that she reached out to the Placentia Library (Gail), and they may be interested in rejoining ISDOC. She also noted that while there are no candidates today, she supports the appointment process.

Heather Baez noted that anyone seeking a position on the ISDOC Board would need authorization from their respective Board in the form of a resolution. These appointments are for 2023/2024.

A discussion ensued regarding possible candidates.

President Mills offered that the goal is to have candidates for the March meeting.

1st Vice President McVicker recommended sending emails to ISDOC member agencies for both positions. Additionally, Director Shafer recommended including a description of responsibilities to the outreach effort for candidates.

- OA Board Appointment

No report.

V. Old Business

- Website Updates 3rd Vice President Responsibilities

President Mills noted that the new website (<https://isdoc.specialdistrict.org>) was built and is currently maintained by Streamline. Streamline would like to transfer maintenance responsibilities to another party. There is a need for a volunteer to be trained to update the

website. 2nd Vice President Mesmer volunteered to investigate the maintenance duties with the possibility of assuming that function. There were no objections.

VI. Treasurer's Report – Director Jacobs

President Mills reported the checking account balance is \$10,623.59.

Director Jacobs reported the signing authority responsibility is being transferred from Immediate Past President Monin and Past Treasurer Green to President Mills and Treasurer Jacobs.

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

Director Schafer gave a brief report on CSDA activities and identified her committee appointments: Membership Chair, Professional Development, Alliance, and Finance. The first CSDA Board meeting in 2023 is January 20, 2023, in Sacramento.

VIII. LAFCO Report – Director Fisler

Director Fisler reported the next LAFCO meeting is January 11, 2023, at 8:15 a.m.

- They will be appointing a chair and vice chair to serve through December 31, 2023.
- The Board will receive a report on Commission member terms.
- The Commissions budget and investment portfolio are within approved budget levels.
- Quarterly report April 2023.
- The legislative summary from CALAFCO is scheduled for the first meeting on January 13, 2023. The Executive Office of OCLAFCO and Assistance Executive Officer were recently reappointed to the Association's Legislative and Advisory Committees, respectively.
- Will be doing an annual update on professional services agreements.

2nd Vice President Mesmer asked if the Multiple Service Reviews (MSR) schedule is posted on the website. Director Fisler responded this information is on the LAFCO website.

OCLAFCO Gavin Centeno confirmed there are timelines for MSRs, and they are on the website. Additionally, there will be media updates.

IX. ACWA Report – Director Jacobs

Director Jacobs reported on ACWA activities:

- The ACWA Fall 2022 conference programs are available online for paid registrants of the conference.
- The Region 10 Board Meeting will be held in the Santa Margarita Water District Board Room is zoom and in person Thursday, January 5, 2023, at 1:00 p.m.
- There is an open position for San Diego Region 10 seat.
- The ACWA 2023 Legislative Symposium is March 23, 2023, in Sacramento, CA
- The Spring Conference is May 9 – 11, 2023, in Monterey.
- The 2023 Fall Conference will be in Indian Wells from November 28 – 30, 2023.

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

Director Schaefer stated the OCCOG Board will meet January 26, 2023 at 10:30 a.m. and it will be a Zoom meeting. There are currently five vacant board positions for Districts 12, 13, 15, 19 and 64 on the OCCOG Board.

XI. Orange County Operational Area Report

Ms. Baez reported the Board for the Orange County Operational Area meets February, May, August and November and suggested quarterly updates for the ISDOC members.

Director Morin offered he would be willing to represent ISDOC at the Orange County Operational Board.

Ms. Baez noted this is a presidential appointment and the submission must include 1st, 2nd and 3rd alternates.

President Mills recommended Director Morin for the position. There were no objections. President Mills offered he would be the 1st alternate and will solicit the membership for the 2nd and 3rd alternates. The necessary paperwork will be prepared.

XII. Subcommittee Reports

- Programs

- 1st Vice President McVicker reported:

- Brooke Staggs, Environmental Reporter Orange County Register, will be the guest speaker at the next quarterly meeting.
 - The Spotlight Agency will be the Orange Mosquito and Vector Control District. Rick Howard will be giving a presentation, and their new General Manager will be introduced.
 - The Associate member spotlight is Aqua Bank.
 - 227 emails were sent out for the quarterly meeting, and 21 registrations have been received. Reminder emails will be sent two weeks in advance of the meeting.
 - Extending an invitation to the **Orange County Power Authority (OCPA)** to be the speaker at the next quarterly meeting.
 - Anticipate in-person meetings to begin in March. A hybrid option is not available.
 - Staff distributed the 2023 annual calendar to member agencies.

- Membership – 2nd Vice President Mesmer

- No update.

- Legislative – This is a position that is part of the 3rd VP duties.

- No update

Director Schafer reported that Director Schaefer would be the President and she would be Vice President for the Costa Mesa Sanitary District.

Future Agenda Items

1. 2nd Vice President Mesmer noted it might be appropriate to revisit membership fees for 2023.
2. Director Jacobs noted another topic for discussion might be a safe reserve level.
3. Larry Dick suggested setting dues to cover all expenses.

XIII. Adjourn:

President Mills thanked the various attendees and staff for their assistance and participation. The meeting was adjourned at 8:23 a.m.

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

Signed:  _____
ISDOC President



AGENDA

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

Register in advance: [https://us06web.zoom.us/meeting/register/tZlpf-ivpzlsG9ZrJELsF819xGxHpd4TaVWk](https://us06web.zoom.us/join/https://us06web.zoom.us/meeting/register/tZlpf-ivpzlsG9ZrJELsF819xGxHpd4TaVWk)

Mailing Address

P.O. Box 8300
Fountain Valley, CA 92708

Meeting Location

Via Zoom

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

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

Officers

Chair

Hon. 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)

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 OCWDwaternews

MWDOC:

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 Municipal Water District of OrangeCounty

1. Welcome & Announcements

- Mark Monin, El Toro Water District

2. Pledge of Allegiance

3. Reports

- Orange County Water District (OCWD) Stormwater Capture – Greg Woodside, OCWD
- Metropolitan Water District of Southern California (MET) – Linda Ackerman, MWDOC
- California Special Districts Association (CSDA) – Chris Palmer, CSDA
- Association of California Water Agencies (ACWA) – Alicia Dunkin, OCWD

4. Program

Federal Update – Deciphering the New Congress
Eric Sapirstein, President, ENS Resources

5. Adjourn

.....

Next WACO Meeting

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

Next WACO Planning Committee Meeting

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



WACO Planning Committee
Tuesday, February 21, 2023 at 7:30 A.M.

Join Zoom Meeting
<https://zoom.us/j/92882659982>
Meeting ID: 928 8265 9982
Phone Audio: 669-900-9128

Mailing Address

P.O. Box 20895
Fountain Valley, CA 92728

Meeting Location

Virtual - Zoom

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

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

Officers

Chair

Hon. Mark Monin
El Toro Water District

Vice Chair

Hon. Greg Mills
Serrano Water District

Staff Contacts:

Alicia Dunkin/Medha Paliwal
Orange County Water District






Heather Baez
Municipal Water District of Orange County

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AGENDA

WELCOME

ACTION ITEMS

1. March 3, 2023 WACO Meeting
 - Reports: WEROC, MET, ACWA
 - Topic: Central Valley Groundwater Depletion
 - Speaker: Jay Famiglietti, Hydrology Professor and Director of the Global Institute for Water Security at the University of Saskatchewan
2. April 7, 2023 WACO Meeting
 - Reports: WEROC, MET, ACWA
 - Topic to be confirmed: Atmospheric Rivers/Forecast Informed Reservoir Operations (FIRO)
 - Speaker: Dr. Marty Ralph, Director, Center for Western Weather and Water Extremes, Scripps Institution of Oceanography, UC San Diego
3. May 5, 2023 WACO Meeting
 - Reports: WEROC, MET, CSDA, ACWA
 - Topic to be confirmed: Colorado River negotiations

DISCUSSION ITEMS

1. Consider potential topics for future meetings:
 - Airborn Electromagnetic Survey to Facilitate Groundwater Storage w/ Stanford Professor Rosemary Knight and DWR speaker (Brooke Jones)
 - San Joaquin Blueprint update on looking at the Delta via subsurface diversions (Karl Seckel)
 - Electrification, advanced car fleets, air quality (Stacy Taylor)
 - Updating California Water Laws to Address Drought and Climate Change w/ Holly Doremus, Professor of Law, Berkeley (Peer Swan/Karl Seckel)
2. Discussion of February 3 meeting: Federal Update - Deciphering the New Congress, Eric Sapirstein, ENS Resources

INFORMATIONAL ITEMS

1. Zoom meeting ID and meeting link changes monthly for WACO Meetings; Planning Meetings for WACO are the same link.

ADJOURN

DATES TO REMEMBER

FEBRUARY/MARCH 2023

1. Feb 24 – DISTRICT OFFICE CLOSED
2. Mar 1 – 8:30 a.m. – MWDOC/MET Directors Workshop
3. Mar 3- 7:30 a.m. – WACO
4. Mar 3 – 8:30 a.m. – MWDOC Special Board Meeting
5. Mar 3 – 12 noon – Pres/VP/GM Meeting
6. Mar 6 – 8:30 a.m. – MWDOC Planning/Operations Meeting
7. Mar 6 – 1:30 p.m. – SOCWMA Management Committee Meeting
8. Mar 7 – 7:30 a.m. – ISDOC Executive Committee Meeting
9. Mar 8 – 8:15 a.m. – LAFCO
10. Mar 8 – 8:30 a.m. – MWDOC Admin/Finance Committee Meeting
11. Mar 9 – 2:30 p.m. – SOCWMA Management Committee Meeting
12. Mar 10 – DISTRICT OFFICE CLOSED
13. Mar 13 – 10:00 a.m. – Agenda Review Meeting
14. Mar 15 – 8:30 a.m. – MWDOC Board Meeting
15. Mar 16 – 8:30 a.m. – SAC Quarterly Meeting (IRWD)
16. Mar 17 – 12 noon – Pres/VP/GM Meeting
17. Mar 20 – 7:30 a.m. – Regular Engineering/Finance Committee Meetings
18. Mar 21 – 7:30 a.m. – WACO Planning Committee Meeting
19. Mar 23 – 7:30 a.m. – Regular Board Meeting
20. Mar 24 – DISTRICT OFFICE CLOSED
21. Mar 29 – 30 – Childrens Water Festival (UCI)
22. Mar 30 – 11:30 a.m. – ISDOC Quarterly Meeting
23. Mar 31 – 12 noon – Pres/VP/GM Meeting

EL TORO WATER DISTRICT

Glossary of Water Terms

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

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

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

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

AFY: Acre-foot per year.

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

AMP: Allen McCulloch pipeline.

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

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

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

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

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

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

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

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

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

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

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

BIA: Building Industry Association.

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

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

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

Brackish water: A mixture of freshwater and saltwater.

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

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

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

CEQA: California Environmental Quality Act.

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

CFS: Cubic feet per second.

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

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

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

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

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

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

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

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

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

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

Crisis:

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

CTP Coastal Treatment Plant

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

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

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

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

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

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

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

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

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

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

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

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

Disinfection: Water treatment which destroys potentially harmful bacteria.

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

Drought: A prolonged period of below-average precipitation.

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

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

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

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

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

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

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

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

Estuary: Where fresh water meets salt water.

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

FCH Federal Clearing House – Environmental Review/Processing

FEMA Federal Emergency Management Agency

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

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

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

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

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

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

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

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

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

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

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

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

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

GPM: Gallons per minute.

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

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

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

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

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

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

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

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

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

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

MAF: Million acre feet.

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

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

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

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

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

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

NPDES National Pollution Discharge Elimination System

OCBC: Orange County Business Council.

OCEMA Orange County Environmental Management Agency

OCWD: Orange County Water District.

Opportunity:

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

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

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

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

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

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

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

Potable water: Suitable and safe for drinking.

PPB: Parts per billion.

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

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

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

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

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

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

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

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

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

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

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

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

RFP Request for Proposal

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

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

R-O-W Right-of-way

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

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

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

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

SAFRA Santa Ana River Flood Protection Agency

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

SAWPA: Santa Ana Watershed Project Authority.

SCADA Supervisory Control and Data Acquisition

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

SCH State Clearing House – Environmental Review/Processing

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

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

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

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

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

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

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

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

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

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

SJBA San Juan Basin Authority

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

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

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

SRF State Revolving Fund

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

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

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

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

SWRCB State Water Resources Control Board

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

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

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

TMA: Too many acronyms.

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

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

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

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

VE Value Engineering

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

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

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

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

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

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

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

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

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

Water table: The top level of water stored underground.

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

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

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

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

Xeriscape: Landscaping that requires minimal water.