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

**January 26, 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: <a href="https://us02web.zoom.us/j/85959748904">https://us02web.zoom.us/j/85959748904</a> (Meeting ID: 859 5974 8904).

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 - Director Gaskins

#### ORAL COMMUNICATIONS/PUBLIC COMMENTS

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

#### ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

#### 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 December 15, 2022 Board meeting

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

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

#### **GENERAL MANAGER ACTION ITEMS**

3. <u>Virtual or Hybrid Board Meetings per AB 361</u> (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.

4. Resolution No. 23-1-2 Modifying Standing and External
Organization Board and Staff Assignments for Calendar Year 2023
(Reference Material Included)

Staff will review and comment on Resolution No. 23-1-2 modifying Standing and External Organization Board and Staff Assignments for calendar year 2023.

Recommended Action: Staff recommends approval of Resolution No. 23-1-2 modifying Standing and External Organization Board and Staff Assignments for calendar year 2023.

#### RESOLUTION NO. 23-1-2

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

#### **GENERAL MANAGER INFORMATION ITEMS**

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

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

6. <u>2023 JPIA Executive Committee Election Notice</u>

(Reference Material Included)

Staff will review with the Board the nominating procedures for the JPIA Executive Committee.

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

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

**8. Public Education and Outreach Report** (Reference Material Included)

Staff will review and comment on the Public Education and Outreach report.

- 9. Water Use Efficiency Report (Reference Material Included)
  - a. Staff will review and comment on the Water Use Efficiency Report
- **10. SOCWA Report** (Reference Material Included)
  - a. SOCWA Finance Committee Meeting December 20, 2022
  - b. SOCWA Board Meeting January 5, 2023
  - c. SOCWA PC-2 Meeting January 10, 2023
  - d. SOCWA Engineering Committee Meeting January 12, 2023
  - e. Santa Margarita Water District / Moulton Niguel Water District Facility Operations Proposal

#### 11. Municipal Water District Of Orange County (MWDOC) Report

(Reference Material Included)

- a. MWDOC Board Meeting December 21, 2023
- b. MWDOC Planning/Operations Meeting January 3, 2023
- c. MWDOC/MET Directors Workshop January 4, 2023
- d. MWDOC Admin/Finance Committee Meeting January 11, 2023
- e. MWDOC Special Board Meeting January 11, 2023
- f. MWDOC Managers Meeting January 12, 2023
- g. MWDOC Board Meeting January 18, 2023
- h. MWDOC/OCWD Meeting January 25, 2023

#### 12. <u>Local Agency Formation Commission (LAFCO) Report</u>

(Reference Material Included)

- a. Report on the January 11, 2023 meeting
- 13. <u>ISDOC Meetings Report</u> (Reference Material Included)
  - a. Report on the January 3, 2023 ISDOC Executive Committee meeting
- **14. WACO Meetings Report** (Reference Material Included)
  - a. Report on the January 6, 2023 WACO meeting
  - b. Report on the January 17, 2023 WACO Planning meeting

#### COMMITTEE AND GENERAL INFORMATION

**15.** <u>Dates to Remember for January 2023/February 2023</u> (Reference Material Included)

#### **COMMENTS REGARDING NON-AGENDA ITEMS**

#### ATTORNEY REPORT

#### **CLOSED SESSION**

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

1. Pursuant to Government Code Section 54956.9 (d) (2) to consult with legal counsel and staff – Potential Litigation (one matter).

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

#### **REGULAR SESSION**

#### **REPORT ON CLOSED SESSION** (Legal Counsel)

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

#### **ADJOURNMENT**

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

#### Request for Disability-Related Modifications or Accommodations

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

### MINUTES OF THE REGULAR MEETING

OF THE

**BOARD OF DIRECTORS** 

OF THE

EL TORO WATER DISTRICT

December 15, 2022

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

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

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

Also present were DENNIS P. CAFFERTY, General Manager, JUDY
CIMORELL, Human Resources Manager, HANNAH FORD, Engineering Manager,
SHERRI SEITZ, Public Affairs Manager (zoom), VU CHU, Water Use Efficiency Analyst
(zoom), SCOTT HOPKINS, Operations Superintendent, JASON HAYDEN, CFO, 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 Freshley asked if there were any items received too late to be agendized. Mr. Cafferty replied no.

#### Consent Calendar

President Freshley asked for a Motion.

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

#### Roll Call Vote:

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

#### <u>Director Reports for Meetings Attended</u>

Director Vergara stated that he attended the ACWA Fall conference, the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the WACO meeting, the WACO Planning Committee meeting, the MWDOC Board meeting, and the regular Board meetings.

Director Gaskins stated that he attended the ACWA Fall conference, the MWDOC/MET Directors workshop, the RRC meeting, the WACO meeting, the SOCWA Board meeting, the MWDOC Board meeting, the MWDOC Admin/Finance meeting, the MWDOC Planning/Operations meeting, and the regular Board meetings.

Director Monin stated that he attended the ACWA Fall conference, the WACO meeting, the WACO Planning Committee meeting, the MWDOC Board meeting, the MWDOC/MET Directors workshop, the MWDOC Planning/Operations meeting, the MWDOC Admin/Finance meeting, the ISDOC Executive Committee meeting, and the regular Board meetings.

Vice President Havens stated that she attended the ACWA Fall conference, the Agenda Review meeting, the MWDOC meetings, the OC WateReuse meeting, a Pres/VP/GM meeting, a LWV Golden Rain Foundation Landscape Committee meeting, and the regular Board meetings.

President Freshley stated that she attended the ACWA Fall conference, the MWDOC meetings, the Pres/VP/GM meeting, the Agenda Review meeting, the RRC meeting, two SOCWA Board meetings, the SOCWA Finance meeting, the Laguna Woods City Council meeting, and the regular Board meetings.

General Manager Action Items

Election of Officers

Office of President

Mr. Cafferty stated that according to the District's bylaws, the Vice President shall automatically succeed to the office of President when the office of President or the current President's term of office has expired.

Therefore, Vice President Havens automatically succeeds to the office of President whose term shall be for one calendar year.

**Election of Vice President** 

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Director Monin and unanimously carried across the Board to nominate Director Jose Vergara to the office of Vice President for the next calendar year.

December 15, 2022 Board Mtg

#### Roll Call Vote

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

#### Ratification of Existing Officer Appointments

The Board concurred to ratify the current Secretary, Assistant Secretary, and Treasurer appointments.

President Havens asked for a Motion.

Motion: Director Freshley made a Motion, seconded by Director Gaskins and unanimously carried across the Board to ratify the existing positions for the offices of Secretary, Assistant Secretary, and Treasurer.

#### Roll Call Vote

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

#### Oath of Office

Mr. Cafferty asked the new President and Vice President to stand, raise their right hands, and repeat the Oath of Office. The new President and Vice President were officially sworn in for calendar year 2023.

#### <u>Virtual or Hybrid Board Meetings per AB 361</u>

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.

President Havens asked for a Motion.

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

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

#### General Manager Information Items

#### General Manager's Monthly Report

Mr. Cafferty stated that the Water Quality report needs to be updated for the nitrate samples in the R-6 Reservoir which were incorrectly reported.

Director Monin stated that the Customer Service Activity report is looking good.

#### Legislative Reports

There were no comments.

#### Public Education and Outreach Report

Ms. Seitz stated that the District staffed a booth at the Lake Forest Chamber of Commerce's Elf Yourself 5K event.

Ms. Seitz stated that staff is working on the January newsletter with topics of drought/weather conditions, automatic bill pay, OCPRSA award, Adopt a Channel, FOG, Rebates/irrigation, and a highlight of Steve Wingen's role as a cross connection specialist.

Ms. Seitz stated that a time lapse video is underway of the R-6 Cover and Liner Project.

#### Water Use Efficiency Report

Mr. Chu provided an update on the Water Use Efficiency report.

Mr. Chu presented a report on the District's annual Water Loss Report.

#### **SOCWA Reports**

Director Freshley stated that at the SOCWA Board meeting they discussed the JB Latham plant operations, and PC-24.

Mr. Cafferty stated that they also discussed PC-2 and the JPA Agreement.

#### MWDOC Reports

Director Freshley stated that at the MWDOC Board meeting MET had a presentation on the State Water project.

Director Freshley stated that at the MWDOC Planning/Operations meeting they had a progress report on the Distribution System Leak Detection, and a presentation on the Doheny Desalination project.

#### <u>LAFCO</u>

Director Freshley stated that they discussed the agency feedback from the MSR surveys.

#### <u>ISDOC</u>

Director Monin stated that the new President was elected, and a temporary Secretary was hired to transcribe the meeting minutes.

#### **WACO**

Director Monin stated that he was named Chairman of WACO. He further stated that they also discussed the MET Infrastructure Resilience Strategy.

#### COMMITTEE AND GENERAL INFORMATION

#### Dates to Remember for December 2022/January 2023

There were no comments.

#### Comments Regarding Non-Agenda Items

Ms. Ford commented on the OC WateReuse meeting of which she is the Vice President.

Director Freshley provided a brief summary of the ACWA Energy Committee meeting held during the ACWA Fall conference.

#### **Attorney Report**

Mr. Granito reported that there is a need for a Closed Session with regard to item #3 only of today's Closed Session agenda

#### Recess

At approximately 8:50 a.m. the Board took a short recess.

#### Regular Session

At approximately 9:00 a.m. the Board returned to Regular Session.

#### Closed Session

At approximately 9:00 a.m. the Board went into Closed Session with regard to item #3 only and resume the General Managers annual performance evaluation.. Also at this time, everyone left the meeting except the Board members and General Counsel.

At approximately 9:20 a.m. Mr. Cafferty was invited into the Closed Session.

#### Open Session Report

At approximately 10:00 a.m. Regular Session resumed. Also at this time, Ms. Cimorell and Ms. Welsch returned to the meeting.

Mr. Granito reported that the Board did go into Closed Session with regard to item #3 only of today's Closed Session agenda, and during the first phase of the Closed Session the Board resumed the evaluation process of the District's General Manager's performance as required by the Employment Agreement.

Mr. Granito reported that during the second phase of the Closed Session, the Board invited Mr. Cafferty to participate in the mutual dialogue.

No reportable action was taken.

#### General Manager Compensation

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Director Freshley and unanimously carried across the Board to grant the District's General Manager a 10% of his annual compensation lump sum superior performance award.

#### Roll Call Vote

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

#### <u>Adjournment</u>

There being no further business to come before the Board, the meeting was adjourned at 10:15 a.m.

Respectfully submitted,

POLLY WELSCH Recording Secretary

APPROVED:

KATHRYN FRESHLEY, President of the El Toro Water District and the Board of Directors thereof

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



#### STAFF REPORT

To: Board of Directors Meeting Date: January 26, 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.

#### **RESOLUTION NO. 23-1-2**

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

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

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

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

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

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

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

# EXHIBIT A RESOLUTION 23-1-2

#### BOARD/STAFF MEMBER ORGANIZATIONAL AND STANDING COMMITTEE ASSIGNMENTS - 2023

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

#### ADDITIONAL COMMITTEES THAT MEET ON AN OCCASIONAL OR AS NEEDED BASIS

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

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

#### **GENERAL MANAGER'S REPORT**

#### January 2023

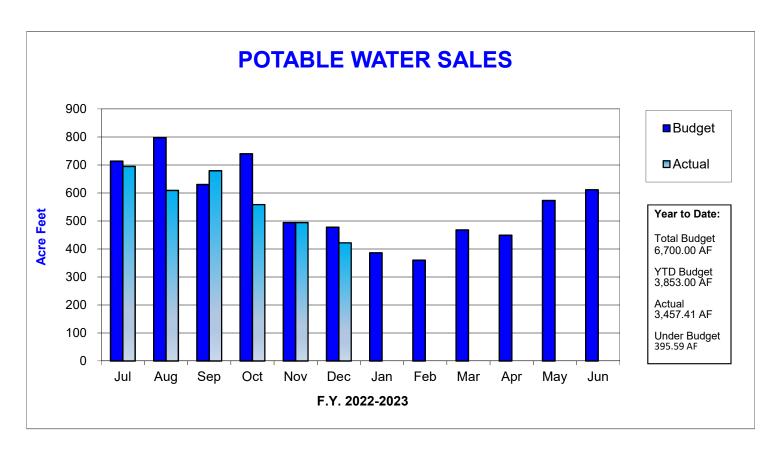
#### I. OFFICE OF THE GENERAL MANAGER

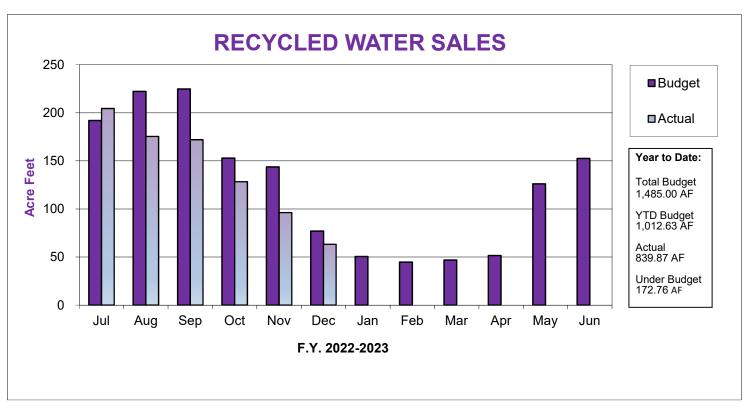
- MWDOC Administration & Finance Committee Meeting
- MWDOC/MET Directors Workshop
- MWDOC Board Meetings
- MWDOC Managers Meeting
- WACO Meeting
- South Orange County Economic Coalition Panel Discussion
- Orange County Water Association Luncheon
- SOCWA Finance Committee Meeting
- SOCWA Board Meeting
- SOCWA PC 2 Meeting
- SOCWA Engineering Committee Meeting
- Laguna Woods Television Panel Discussion
- R-6 Cover & Liner Replacement Project Construction Meetings
- Filtration Plant Demolition Project Construction Meetings
- WRP Optimization Study Final Workshop
- ETWD Agenda Review Meeting
- ETWD RRC Meeting
- ETWD Engineering Project Meetings
- ETWD President/VP/GM Meetings
- ETWD Regular Engineering & Finance Committee Meetings
- ETWD Regular Board Meeting
- ETWD All Employee Meeting

#### II. DOMESTIC AND RECYCLED WATER SALES

Actual domestic sales for the year-to-date as of December 31, 2022 are 3,457.41 acre-feet. This compares to year-to-date budgeted domestic sales of 3,853.00 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 395.59 acre-feet. Actual sales are 292.32 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of December 31, 2022 are 839.87 acre-feet. This compares to year-to-date budgeted recycled sales of 1,012.63 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 172.76 acre-feet. Actual sales are 133.63 acre-feet lower than last year-to-date actual sales for the same period.





#### **Customer Service Activity Report**

Serviceman Dispatched to Read, Connect/Disconnect Service Field Investigations:	94		Change of Service:		
Connect/Disconnect Service	94				
Field Investigations:		54	Connections and Disconnections	47	41
			Billing / Payments & Graph Inquires	95	115
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	5	7
Customer Responsible	33	19	LTVVD's portal (cc, e-checks, other.)		
District Responsible	2	5	Variance / Adjustment Inquiries	13	17
District (Coponoloic	2		Variance / Adjustment Requests		17
None found/other	1	9	Processed	9	8
ligh Reads Checked - High Consumption Billing Dept.)			Ordinance Infraction / Water Waste Complaints	0	2
Cust Leaks: _18_ No Leaks: 17 Check Stopped Slowed Meters-Low	35	48			
Consumption (Billing)	6	12	Outside Utility Districts	31	42
	Ü	12	Phone calls Transfer to other		
Re-Check Read	3	11	Departments within ETWD	27	26
Ordinance Infraction	0	0	Phone calls for the Board of Directors	0	0
Recycled Water	0	0	Recycled Water	0	0
Vater Quality: Taste / Odor / Color	1	1	Water Quality Taste - Odor - Color	3	0
Phone response: _0_ Field response: _1_	•	•	Leaks / Breaks	21	6
looding (Hydrant) Meters issued	0	3	Flooding Meter calls (Hydrant)	0	1
ewer - Odor/Stoppage/ Manhole Covers	3	1	Sewer Problems (odor / spills)	0	0
leter Box: Lids / Covers Replaced	35	10	( 1 /	-	-
Meter Box Clean, Digout	8	11	Backflow / Cross Connection (questions or yearly testing forms)	0	0
taised Meter Box	0	0	ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	1	2
rim Bushes / Meter Obstruction	6	17			
General Maintenance Response	13	8	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	0
ire Hydrants: Hit / Leaks / Caps	3	0	ATT Calls (access to tower sites)	0	0
Pressure(psi) Checks / Reads	1	2	SCE Calls (access to tower sites)	0	2
SSOV (Angle Meter/Ball Valve/Gate	-		Pager Calls specifically for Pump		
/alve/Globe Valve) chk,repair,replaced	7	6	Stations - SCADA	0	0
MS angle-meter-stop replace/repair	1	1			
ees Removed	1	0			
ackflow / Cross Connection	4	1	Payment Extensions	35	1
			Delinquent Payment Calls to		
ogged Registers	20	20	Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	53	0
NACOD CLAM : CLAM - CLAM	_		Return Calls from customers left on	3	7
OMCOP: Old Meter Change - Out Program		40	our voice mail system. Ext 500		
Other: (uncommon non-maintenance calls)	2	2	Email Correspondence:	29	79
On-Call After Hrs. CS Response	5	8	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	16	11
Posting Notice & 24 Hr. Door Hangers lung	132	0	Misc. (other: employment, deliveries, sales calls)	3	21
Shut Offs/Disconnect for Non-Payment			,		
DNP)	14	0	Payment Processing Fee Complaints Customers Complaints non bill	0	0
Removed Meter	0	0	related.	1	
lew Meter	1	3	Billing Disputes	0	
			Dilling Disputes	U	
Jnread Meters <u>Total Field Investigations</u>	437	2 <b>93</b>	Total Telephone Calls	392	388
			=		

 Uncollectible Accounts:
 Credit Card Payments
 NOV 2022
 NOV 2021

 Budget YTD
 \$10,000.00
 \$10,000.00
 REGULAR
 1,145
 \$210,153.66

 Actual YTD
 \$ 9,756.43
 \$ 1,199.00
 \$ 1,145
 \$ 1,145
 \$ 210,153.66

# (WRP) Tertiary Treatment Plant

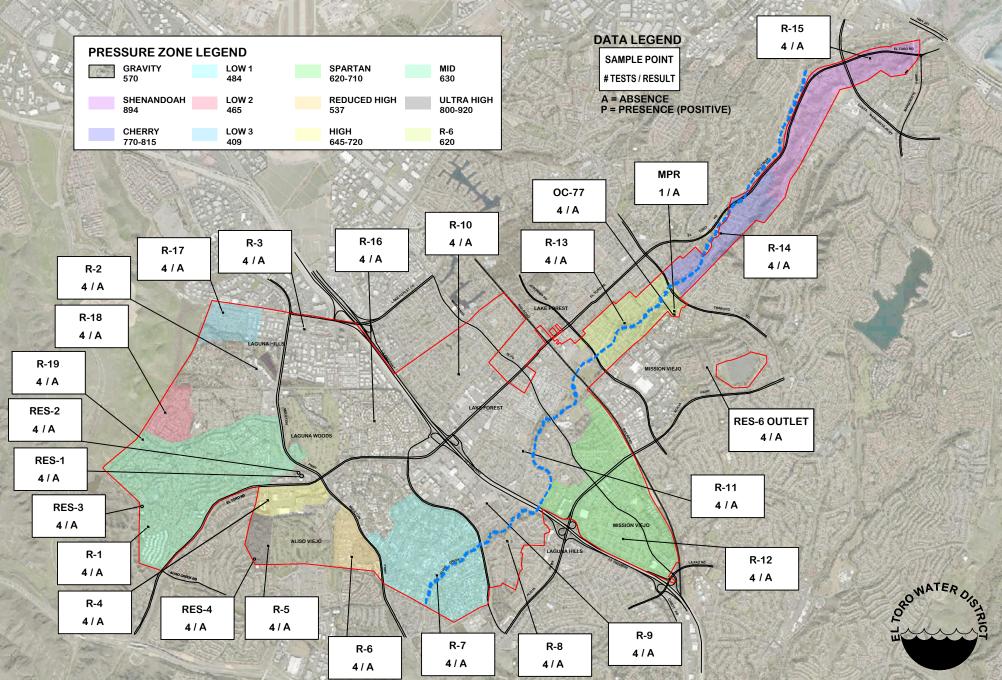
December-22

# **Total Recycled Water Production**

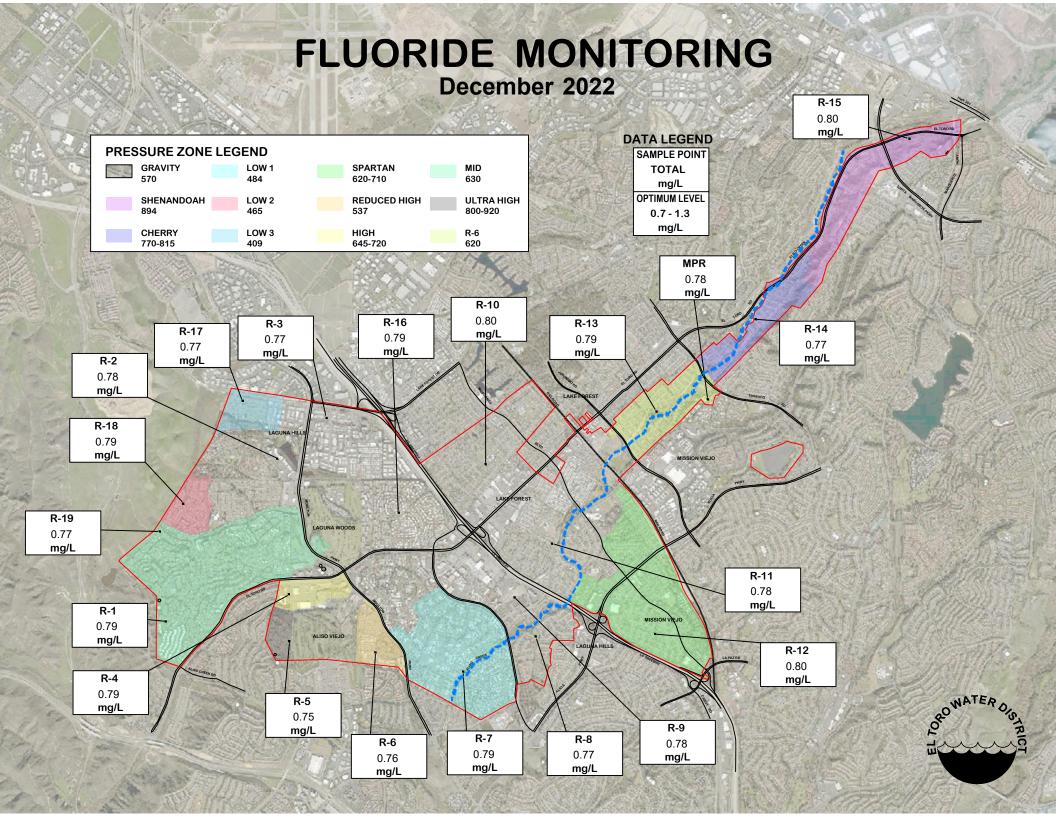
Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production		
Avg. Daily Q, MGD	0.028	0.255	0.044	0.327		
Total Q, MG	0.865	7.897	1.379	10.141		
Total Acre Feet	2.655	24.235	4.232	31.122		
Note: No potable water was used to supplement the demand for recycled water in December						

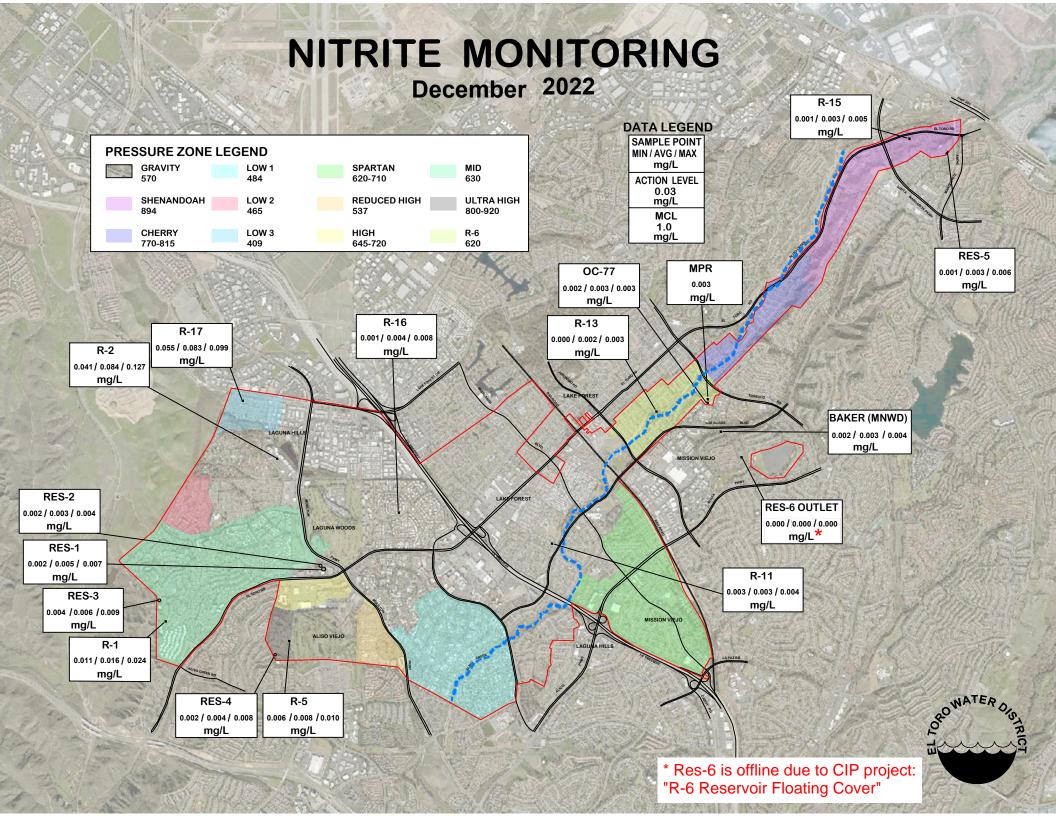
# MICROBIOLOGICAL MONITORING

December 2022



#### CHLORINE RESIDUAL MONITORING December 2022 1.69 /2.12 / 2.67 mg/L DATA LEGEND PRESSURE ZONE LEGEND SAMPLE POINT **GRAVITY** LOW 1 **SPARTAN** MID MIN / AVG / MAX 620-710 mg/L **ULTRA HIGH** MCL 4.0 mg/L SHENANDOAH LOW 2 **REDUCED HIGH** 465 800-920 MIN 0.2 mg/L CHERRY LOW 3 HIGH R-6 645-720 620 MPR RES-5 1.98 1.64 / 1.87 / 2.22 OC-77 mg/L 2.17 / 2.33 / 2.68 mg/L mg/L R-10 1.67 | 2.16 | 2.50 R-16 R-13 R-17 mg/L 1.71 / 2.00 / 2.37 0.66 / 1.19 / 2.13 1.48 | 1.67 | 1.96 1.28 / 1.86 / 2.49 0.37 / 0.97 / 1.50 R-2 mg/L mg/L mg/L mg/L mg/L 0.58 / 1.04 / 1.82 mg/L R-18 0.33 / 0.51 / 0.79 BAKER (MNWD) mg/L 1.93 / 2.07 / 2.24 mg/L R-19 0.34 / 0.55 / 0.65 mg/L RES-2 **RES-6 OUTLET** 0.52 / 1.49 / 2.05 0.000 / 0.000 / 0.000 mg/L mg/L\* RES-1 2.03 / 2.09 / 2.15 R-11 mg/L .54 | 1.76 | 1.98 RES-3 mg/L 1.12 / 1.72 / 1.99 mg/L ALISO VIEJO R-1 R-12 0.85 / 1.25 / 1.78 mg/L mg/L R-4 RES-4 R-5 1.17 / 1.75 / 2.22 1.16 / 1.59 / 1.96 mg/L R-9 mg/L mg/L **R-8 R-6** 1.55 | 1.77 | 2.02 0.96 / 1.36 / 1.76 1.37 / 1.72 / 2.08 0.91 / 1.33 / 1.56 mg/L mg/L mg/L mg/L \* Res-6 is offline due to CIP project: "R-6 Reservoir Floating Cover"





#### STAGE 2 HALOACETIC ACIDS (HAA5) MONITORING 4th QUARTER 2022 **DATA LEGEND** PRESSURE ZONE LEGEND SAMPLE POINT SITE 2 **SPARTAN TOTAL** 12.7 620-710 ND: NONE ppb ppb **DETECTED** MCL **ULTRA HIGH** SHENANDOAH REDUCED HIGH 800-920 60 ppb CHERRY LOW 3 HIGH R-6 770-815 645-720 620 SITE 8 SITE 5 13.2 11.7 ppb ppb SITE 4 13.1 ppb SITE 7 13.8 ppb SITE 3 9.1 SITE 1 12.9 ppb SITE 6 12.8

#### STAGE 2 TOTAL TRIHALOMETHANES (TTHM) MONITORING 4th QUARTER 2022 **DATA LEGEND** PRESSURE ZONE LEGEND SAMPLE POINT SITE 2 **TOTAL SPARTAN** 35.9 620-710 ppb ppb MCL **SHENANDOAH** REDUCED HIGH **ULTRA HIGH** 800-920 80 ppb CHERRY LOW 3 HIGH R-6 770-815 645-720 620 SITE 8 SITE 5 35.2 40.4 ppb ppb MISSION VIEJO SITE 4 33.5 ppb SITE 7 36.2 ppb SITE 3 33.8 SITE 1 34.2 ppb SITE 6 35.0

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

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

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

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

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

- 1) Microbiological The number of microbiological samples and the frequency of analysis during the month is based on the population and/or service connections served. Utilizing a population of 50,000, the CDPH requires that 20 "representative" samples be collected and analyzed for coliform bacteria. The objective is to maintain water quality that is absent of coliform bacteria which is a general indicator for the existence of fecal coliform.
- 2) Chlorine Residual
- The chlorine residual monitoring is performed in conjunction with the microbiological monitoring. The CDPH requirement for treated surface water mandates that the distribution system maintain a "detectable" residual. The number of and frequency of sampling is determined utilizing the same formula applied to microbiological requirements. At a minimum, we are obligated to collect and analyze for chlorine residual each time we collect the representative microbiological samples. Per EPA Disinfectants & Disinfection Byproduct Rule (D/DBP), which was effective January 2002, requires quarterly reporting for all sampling.
- Compliance

3) TTHM & HAA5 The U.S. Environmental Protection Agency (EPA) published the Stage 2 Disinfectants and Stage 2 DBPR Disinfection Byproducts Rule (Stage 2 DBPR) on January 4, 2006. The Stage 2 DBPR builds on existing regulations by requiring water systems to meet disinfection byproduct (DBP)\* maximum contaminant levels (MCLs) at each monitoring site in the distribution system to better protect public health. The Stage 2 DBP rule is intended to reduce potential cancer and reproductive and developmental health risks from disinfection byproducts (DBPs) in drinking water, which form when disinfectants are used to control microbial pathogens. This final rule strengthens public health protection for customers of systems that deliver disinfected water by requiring such systems to meet maximum contaminant levels as an average at each compliance monitoring location (instead of as a system-wide average as in previous rules) for two groups of DBPs, trihalomethanes (TTHM) and five haloacetic acids (HAA5). The rule targets systems with the greatest risk and builds incrementally on existing rules. This regulation will reduce DBP exposure and related potential health risks and provide more equitable public health protection. The Stage 2 DBPR is being released simultaneously with the Long Term 2 Enhanced Surface Water Treatment Rule to address concerns about risk tradeoffs between pathogens and DBPs.

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

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

EL TORO WATER DISTRICT					
MONTHLY POTABLE WATER QUALITY ANALYSIS					
	MONTH:	December	YEAR: 2022		
CONSTITUENT		INSIDE	LAB	OUTS	IDE LAB
ANALYSIS	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	145	Absence		Average
2 Chlorine (ppm)	Detectable Resid	113	Average = 1.49 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb			8	35.5 ppm
3 HAA5 (ppb) (Stage 2)	60 ppb			8	12.41 ppm
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.01 to 0.10 Res.		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	64.4°F to 70.0°F		
5 Nitrite (Alert/Action level)ppm	0.015 to 0.030 ppm	111	0.002 to 0.009 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: DECEMBER 2022

MONTH ENDING.		MIDEIX	ZUZZ		
ODOR COMPLAINTS	MONTHLY	ANNUAL	LOCATION, O	RIGIN, ACTIOI	N:
Outside Laguna Woods Village	1	17	24451 PENNF	IELD LF. 92630	)
Laguna Woods Village	0	3			
New World	0	0			
Private System	0	0			
Other: WRP	0	0			
TOTAL	1	20			
	-	CHEMICAL			
ROOT FOAMING	FOOTAGE	USED	COMMENTS		
Outside Laguna Woods Village	0	0			
Laguna Woods Village	0	0			
New World	0	0			
Other	0	0			
TOTAL	0	0			
ROOT CUTTING	FOOTAGE	COMMENT	S:		
Outside Laguna Woods Village	0				
Laguna Woods Village	0				
New World	0				
TOTAL	0				
					PERCENT OF WEEKS
HYDRO-CLEANING 1		TOTAL	TOTAL	PERCENT	INTO THE 2
ITTORO-OLLANINO	MONTHLY	CYCLE	CYCLE	OF CYCLE	YEAR
	FOOTAGE	FOOTAGE	COMPLETE	COMPLETE	CYCLE
Outside Laguna Woods Village	43,880	344,431	196,648	57%	25%
Laguna Woods Village	0	263,336	0	0%	25%
New World	0	,		0%	25%
		7,728	0	U76	25%
Private System	0	045 405	0	200/	050/
TOTAL	43,880	615,495	196,648	32%	25%
Hot Spots	16,570		98,381		
COMBINED TOTALS:	60,450		295,029		
					PERCENT
					OF WEEKS
TV INSPECTIONS 2			TOTAL	PERCENT	INTO THE 5
TV INSPECTIONS <sup>2</sup>	MONTHLY	TOTAL	TOTAL CYCLE	PERCENT CYCLE	
TV INSPECTIONS <sup>2</sup>		_	CYCLE	CYCLE	INTO THE 5 YEAR
	FOOTAGE	CYCLE	CYCLE COMPLETE	CYCLE COMPLETE	INTO THE 5 YEAR CYCLE
Outside Laguna Woods Village	<b>FOOTAGE</b> 8,458	<b>CYCLE</b> 344,431	CYCLE COMPLETE 217,614	CYCLE COMPLETE 63%	INTO THE 5 YEAR CYCLE 37%
Outside Laguna Woods Village Laguna Woods Village	<b>FOOTAGE</b> 8,458 0	<b>CYCLE</b> 344,431 263,336	CYCLE COMPLETE 217,614 3,321	CYCLE COMPLETE 63% 1%	INTO THE 5 YEAR CYCLE 37% 37%
Outside Laguna Woods Village Laguna Woods Village New World	8,458 0 0	<b>CYCLE</b> 344,431	CYCLE COMPLETE 217,614 3,321 17,270	CYCLE COMPLETE 63%	INTO THE 5 YEAR CYCLE 37%
Outside Laguna Woods Village Laguna Woods Village New World Private System	8,458 0 0 0	<b>CYCLE</b> 344,431 263,336	CYCLE COMPLETE 217,614 3,321 17,270 0	CYCLE COMPLETE 63% 1%	INTO THE 5 YEAR CYCLE 37% 37%
Outside Laguna Woods Village Laguna Woods Village New World Private System Other	8,458 0 0 0 0	CYCLE 344,431 263,336 7,728	CYCLE COMPLETE 217,614 3,321 17,270 0	CYCLE COMPLETE 63% 1% 223%	INTO THE 5 YEAR CYCLE 37% 37% 37%
Outside Laguna Woods Village Laguna Woods Village New World Private System Other TOTAL	8,458 0 0 0 0 0 8,458	CYCLE 344,431 263,336 7,728 615,495	CYCLE COMPLETE 217,614 3,321 17,270 0 0 238,205	CYCLE COMPLETE 63% 1% 223%	INTO THE 5 YEAR CYCLE 37% 37% 37%
Outside Laguna Woods Village Laguna Woods Village New World Private System Other TOTAL Wet Well Cleaning	8,458 0 0 0 0 0 8,458 3	CYCLE 344,431 263,336 7,728 615,495	CYCLE COMPLETE 217,614 3,321 17,270 0	CYCLE COMPLETE 63% 1% 223%	INTO THE 5 YEAR CYCLE 37% 37% 37%
Outside Laguna Woods Village Laguna Woods Village New World Private System Other TOTAL	8,458 0 0 0 0 0 8,458	CYCLE 344,431 263,336 7,728 615,495	CYCLE COMPLETE 217,614 3,321 17,270 0 0 238,205	CYCLE COMPLETE 63% 1% 223%	INTO THE 5 YEAR CYCLE 37% 37% 37%

<sup>1.</sup> The Hydrocleaning Objective is a 2 Year Cycle to Clean the Entire System.

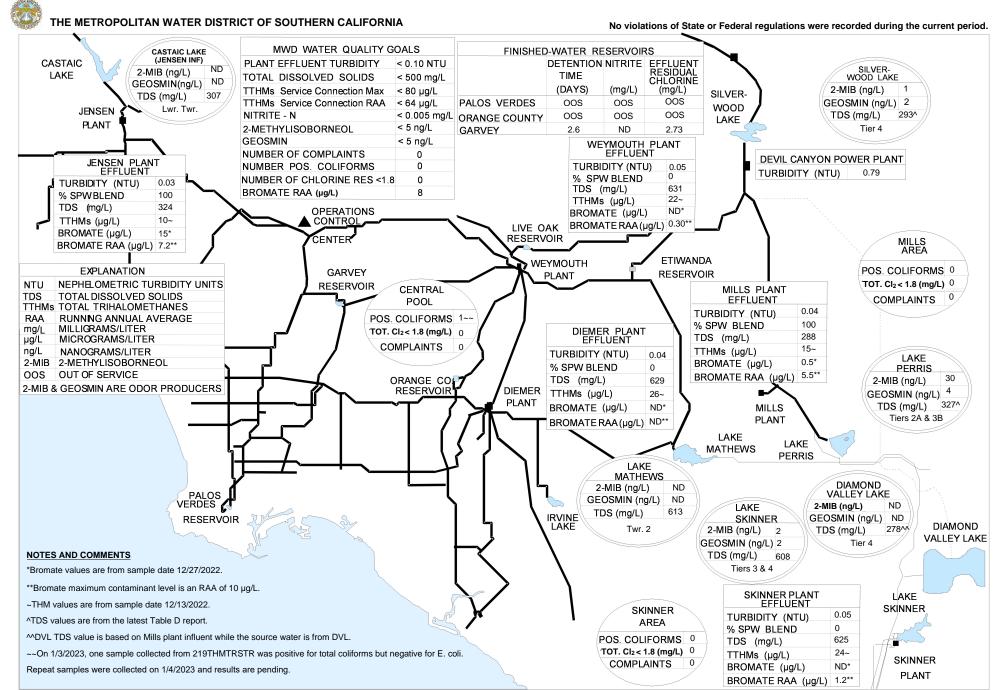
The current cycle began on 07/01/2022

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

# **Weekly Water Quality System Status**

Wednesday, January 4, 2023

Generated On:1/5/2023 4:21:27 PM



# State Water Project Resources

SWP Table A - 5% - 95,575 AF

202%

(% of normal)

5-Station

229%

(% of normal)

Los Angeles

61%

Diamond Valley 494 TAF

84%

(% of normal)

Northern Sierra

269%

'% of normal'

Southern Sierra

129% (% of normal)

San Diego

145%

% of normal)

8-Station

49%

Oroville 1.73 MAF

37%

San Luis Total: 745 TAF

SWP: 453 TAF

Castaic 166 TAF



# WATER SUPPLY CONDITIONS REPORT

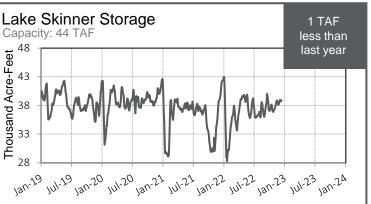
Water Year 2022-2023

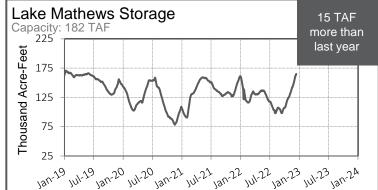
As of: January 11, 2023

# Colorado River Resources

Projected CRA Diversions – 1,136,000 AF

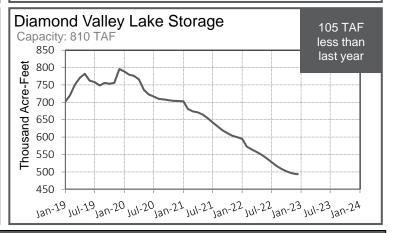
## Metropolitan Resources





#### MWD WSDM Storage Calendar Year 2023

	Net Projected Take
Colorado River Aqueduct Delivery System	TBD
State Water Project System	96TAF
In-Region Supplies and WSDM Actions	330 TAF
Other Programs	25 TAF
Total WSDM Projected Storage Take	451 TAF





- Sacramento river runoff forecast based on January 1, 2023 conditions is 92% of normal for the water year
- Oroville reservoir is at 49% of capacity or 90% of historical average for this date

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

https://www.mwdh2o.com/WSCR



### State Water Project Resources

12

As of: 01/11/2023

30.9 in

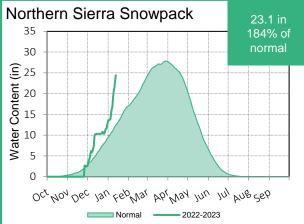
145% of

normal

**Forecast** 

92% of

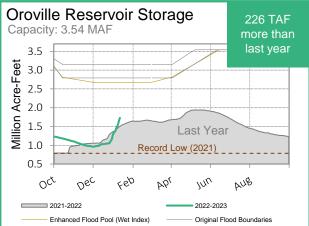
Jul AUB SEP





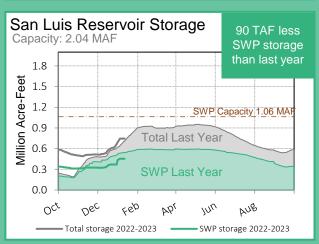
8 Station Index Precipitation

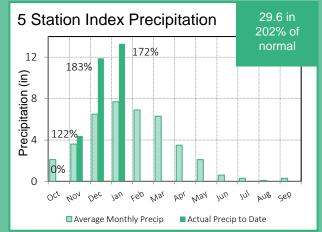
158%





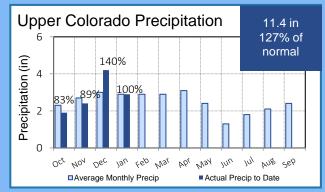
Water Year

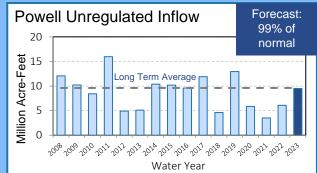


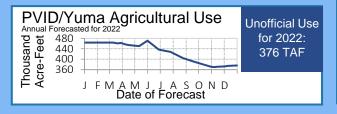


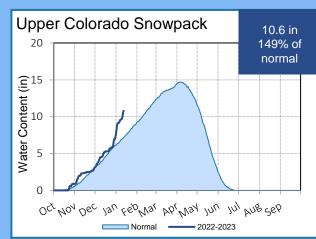
#### Colorado River Resources

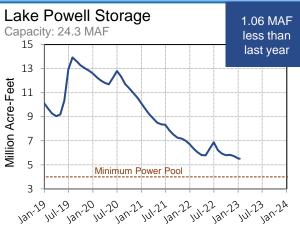
As of: 01/11/2023











#### Projected Lake Mead ICS

Calendar Year 2023

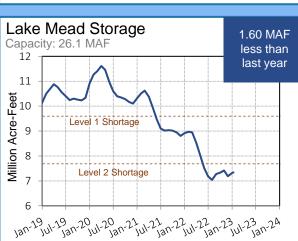
Put (+) / Take (-) -8,000 AF

#### 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.





## **Memorandum**

DATE: December 13, 2022

**TO**: Member Agencies – MWDOC 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 MWDOC, and selected water supply information.

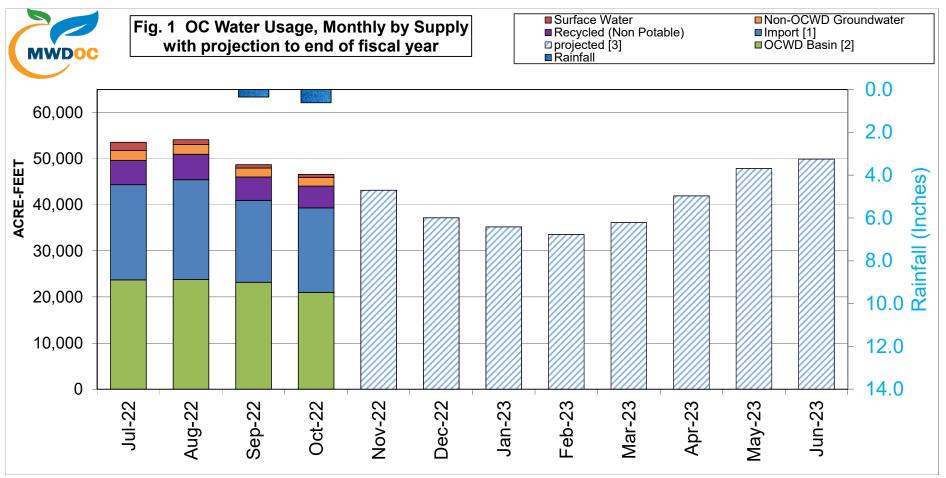
- OC Water Usage, Monthly by Supply in October.

  OCWD Groundwater was the main supply in October.
- Estimated OC Water Usage, Monthly, Comparison to Previous Years Water usage in October 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 8<sup>th</sup> 2021, state officials have ask California residents to voluntary reduce their water usage by 15% compared to 2020 levels.
- Historical OC Water Consumption Orange County M & I water consumption is projected to be 528,000 AF in FY 2022-23 (this includes ~11 TAF of agricultural usage and non-retail water agency usage). This is about 18,000 AF less than FY 2021-22 and is about 32,000 AF less than FY 2020-21. Water usage per person is projected to be slightly lower in FY 2021-22 for Orange County at 149 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.

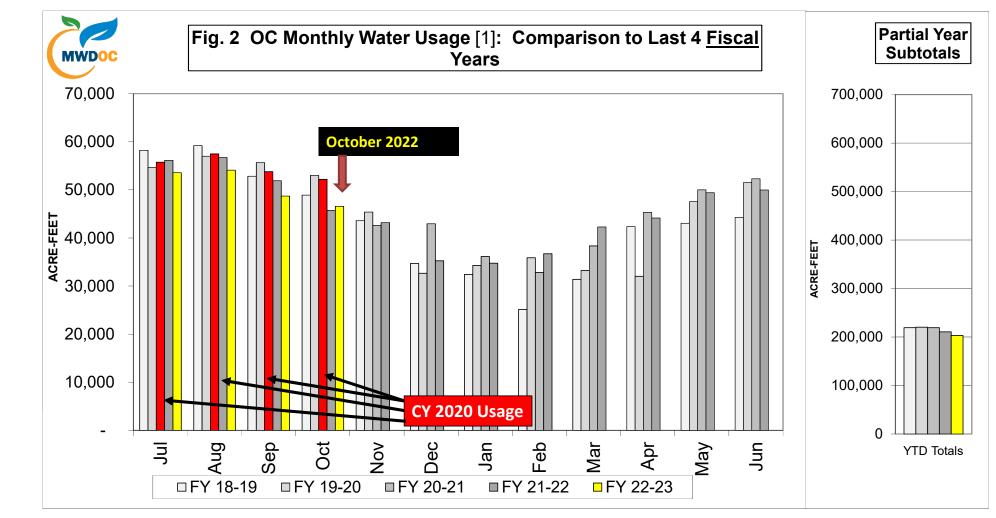
<u>Water Supply Information</u> Includes data on Rainfall in OC; the OCWD Basin overdraft; Northern California and Colorado River Basin hydrologic data; the State Water Project (SWP) Allocation, and regional storage volumes. The data have implications for the magnitude of supplies from the three watersheds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

 Orange County's accumulated precipitation through early December was above average for this period. Water year to date rainfall in Orange County is 2.94 inches, which is 141% of normal.

- Northern California accumulated precipitation through early December was 81% of normal for this period. Water Year 2021 was 48% of normal while water year 2020 was 63% of normal. The Northern California snowpack was 107% as December 6<sup>th</sup>, 2022. As of late December, 99.48% of California is experiencing moderate to severe drought conditions. 40.92% of California is experiencing extreme to exceptional drought conditions. The Initial State Water Project Contractors Table A Allocation was 5% as of December for WY 2023.
- Colorado River Basin accumulated precipitation through early December was 92% of normal for this period. The Upper Colorado Basin snowpack was 94% of normal as of December 6<sup>th</sup> 2022. Lake Mead and Lake Powell combined have about 37.0% of their average storage volume for this time of year and are at 25.7% 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 December was 31.81' BELOW the "trigger" limit. The USBR has declared a shortage on the Colorado River staring 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 late December was 1.81' BELOW the State of California "trigger" limit. There is a 0% chance of shortage for California in 2023, 77% in 2024 (-282 TAF), 71% in 2025 (-302 TAF) and 67% in 2026 (-293 TAF).



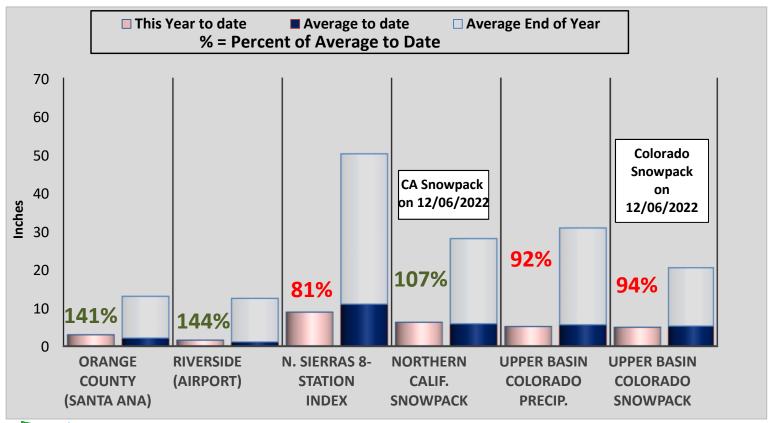
- [1] Imported water for consumptive use. Includes "In-Lieu" deliveries and CUP water extraction. Excludes "Direct Replenishment" deliveries of spreading water and deliveries into Irvine Lake.
- [2] GW for consumptive use only. Excludes In-Lieu water deliveries and CUP water extraction that are counted with Import. BPP in FY '22-23 is 77%.
- [3] MWDOC's estimate of monthly demand is based on the projected 5 Year historical retail water demand and historical monthly demand patterns.
- [4] Total water usage includes IRWD groundwater agricultural use and usage by non-retail water agencies.



<sup>[1]</sup> 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.

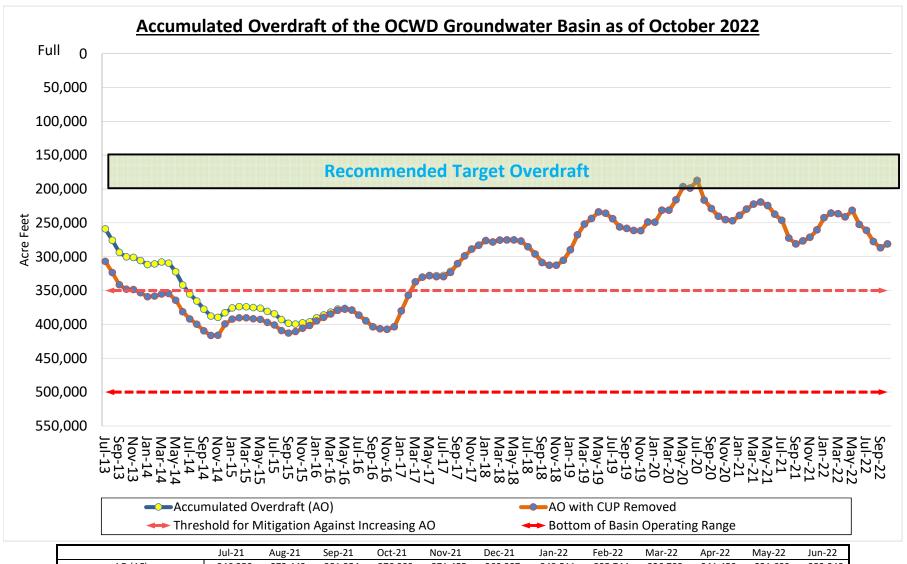
# **Accumulated Precipitation**

for the Oct.-Sep. water year, early of December 2022

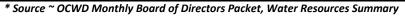




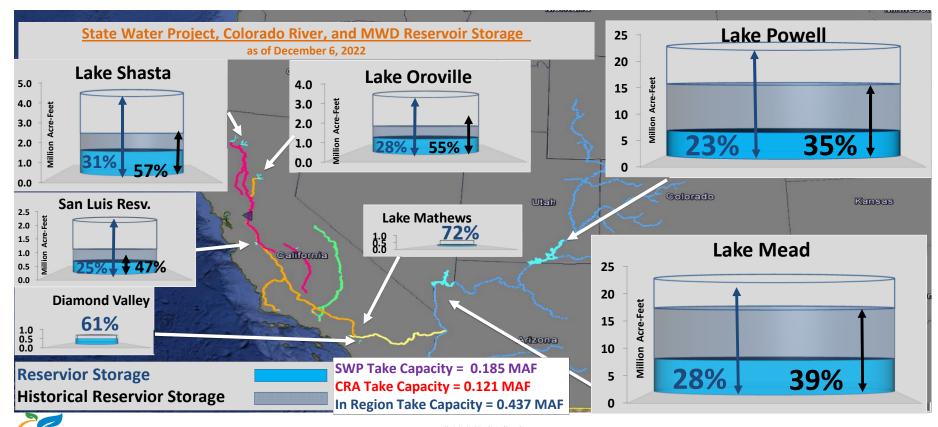
st The date of maximum snowpack accumulation (April 1st in Northern Calif. , April 15th in the Upper Colorado Basin) is used for year to year comparison.



	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								
AO w/CUP removed (AF)	261,145	277.756	286.986	281,407								

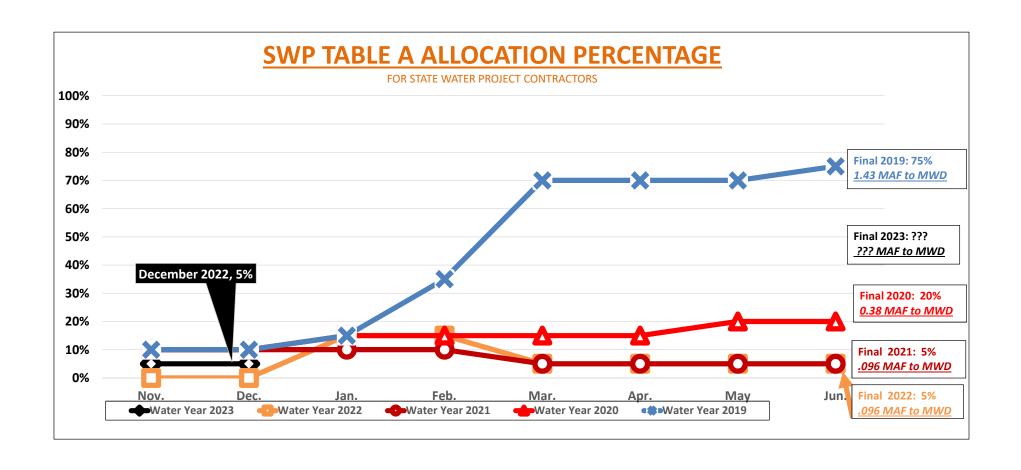


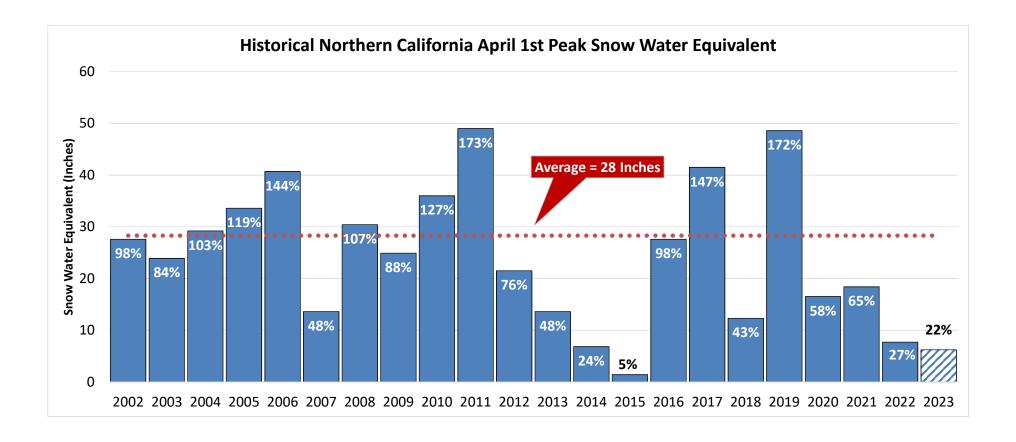


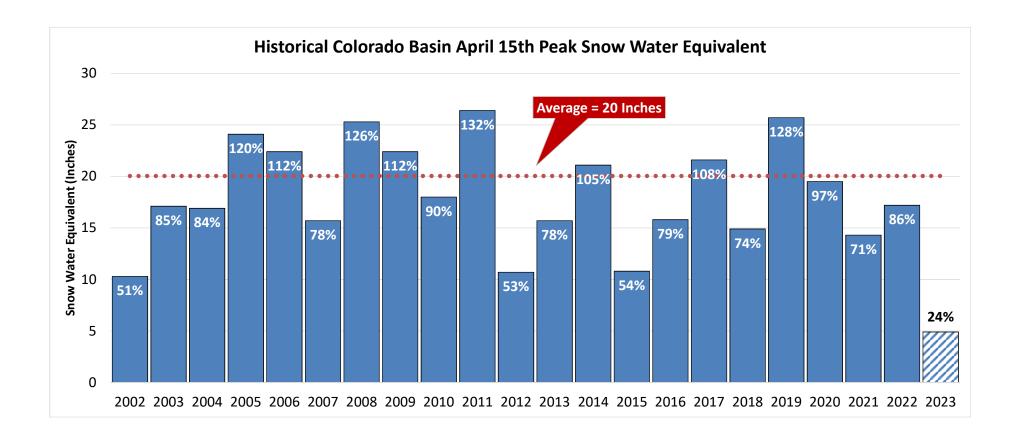


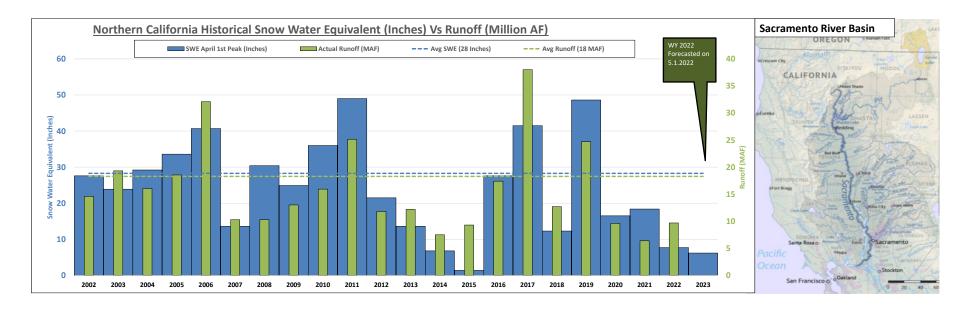
prepared by the Municipal Water District of Orange County \*Number are Subject to Change

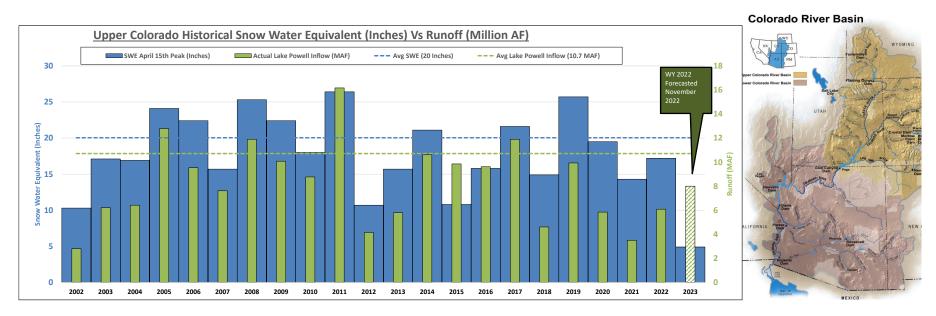
MWDOC

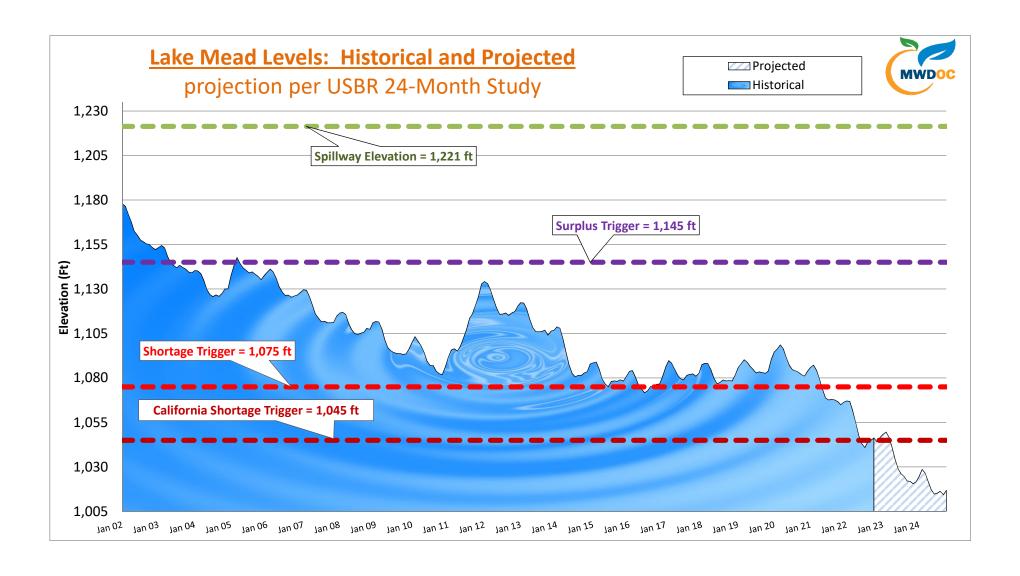


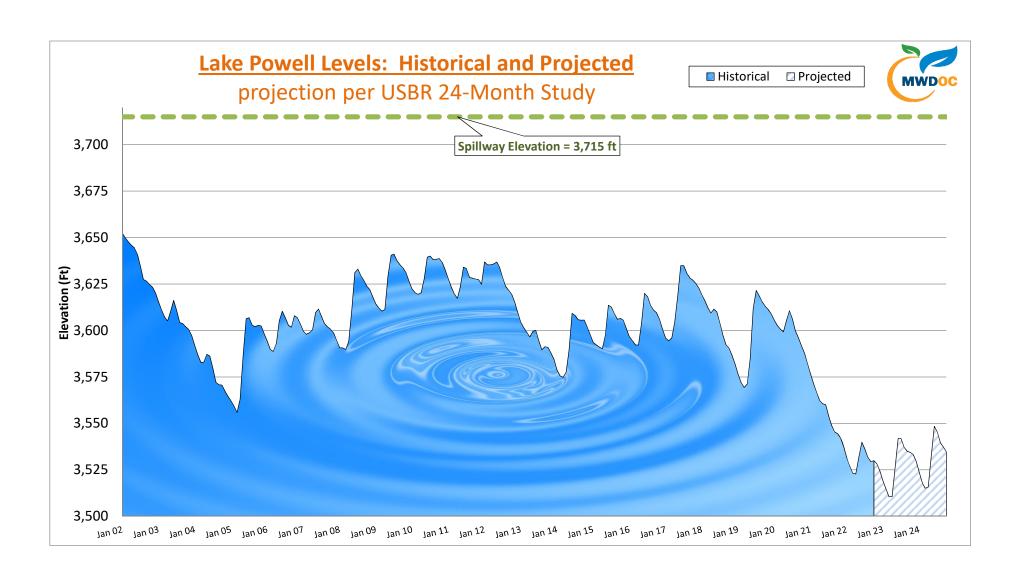


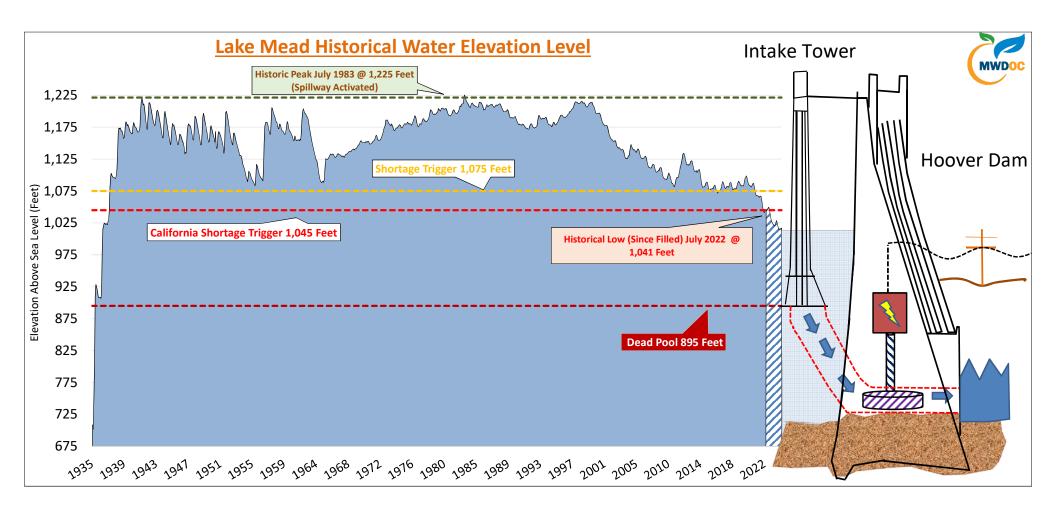


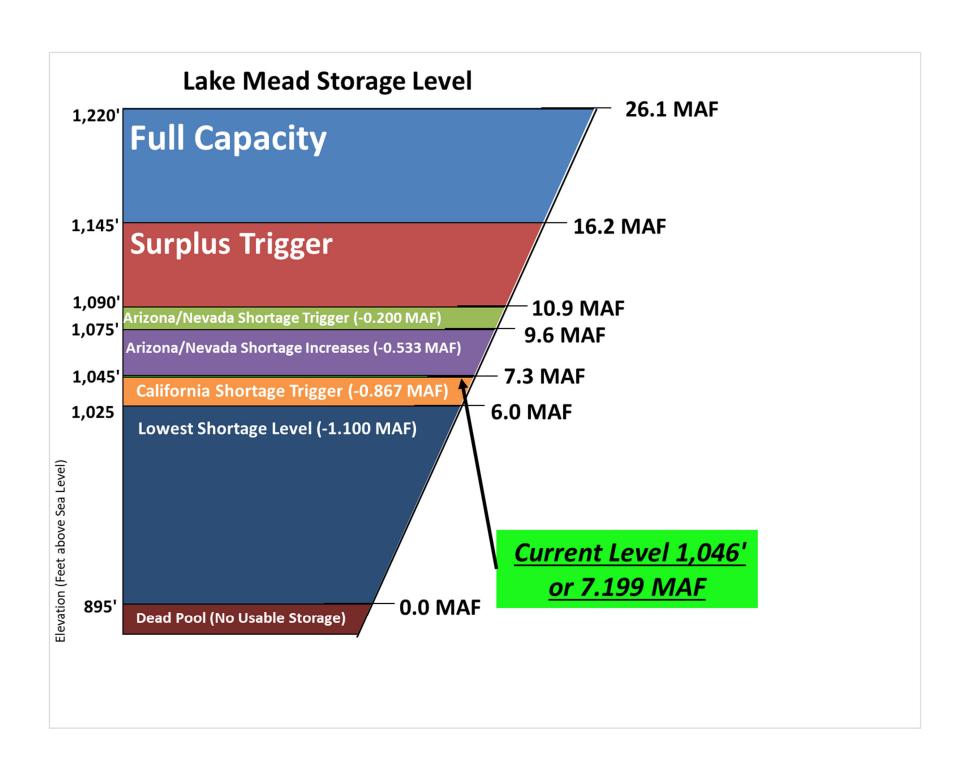












# WILL SERVE SUMMARY REPORT December 2022

PROJECT NAME	PROJECT DESCRIPTION	PHASE	CFF	
Arbors Access Ramp	Adding a 1-1/2" water service connection with backflow protection and connecting to the existing private sewer service	Construction	\$	28,785
Burger Town Sewer Connection	Addition of a 4" sewer lateral	Construction	\$	-
Twin Peaks Plaza Improvements	Conversion of existing fuddruckers into 3 tenants. Project will convert existing services to use (3) 1" meters and add a fire service.	Close-Out	\$	3,582
Heritage Medical Offices Oakbrook Village Suite H	Upgrade the existing service to a 2-inch and add backflow.	Close-Out	\$	24,289
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	\$	-

# WILL SERVE SUMMARY REPORT December 2022

PROJECT NAME	PROJECT DESCRIPTION	PHASE	CFF	
Womens Health Pavilion	New construction of a health pavilion with water services, irrigation services, sewer services, and fire water services.	Construction	\$ 2	1,856
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	\$	-
Mercado El Rey Expansion	Expansion of the market	Plan Check	Not Yet Calcu	ılated

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

DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	PREVIO MAINTEN		POST-INCIDENT PREVENTIVE MEASURES	RWQCB	DISCHARGED TO	SPILL VOLUMI Gallor		SPILL VO (PRIVA Gallo	TE)	REGULATORY NOTIFICATION AND RESPONSE
						CLEANING	TV				CONTAINED	SPILLED	CONTAINED	SPILLED	
January			No Spill												
February			No Spill												
March			No Spill												
April 16th	Private	Recycled Water	2393 Via Mariposa West, LH	Broken Irrigation Pipe	Turned off irrigation meter, leaked stopped. Placed sandbags down at storm drain.			Spoke to security and Laguna Woods who will fix the leak	8	Storm Drain			0	50	None. Was not 50,000 gallons or more as per our the WDR requires.
April 29th	Public	Sewage	23201 Ridge Route Dr. Laguna Hills Northline Station	Leak in the collar joint	Brought out vactor to dig down to the the area of the leak. Leak was contained in the area above station and in the slope dirt.			Contractors will be going out Monday May 2nd over night to fix the leak. Oncall staff monitored the area over the weekend.	8	Dirt area surrounding Northline Station	250				City of Laguna Woods, Laguna Hills, OCEH and Region 8
May			No Spill												
June			No Spill												
July			No Spill												
August			No Spill												
September			No Spill												
October			No Spill												
Nov. 22nd	Private		23288	Blockage	Called secondary and Collection used vactor to unblock customers drain			Made sure line was unblocked. Spoke with Customer	9	Yard and gutter during heavy rain unable to capture spill			0	2400	Called OES, The County and Region 9
December			No Spill												
LEGEND											250	0	0	2,450	
S.DC = San Diego		RES. = Resident	ial	R.S. = Rocks											
S.D. = Storm Dra		C. = Commer	cial		um 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														
G.B. = Grease Blo S. = Sticks	оскаде	P.F. = Power Fa P. = Paper	anure	U.W. = Untrea	ted water										
s. = Sucks		r. = raper		r. = r.00ts											

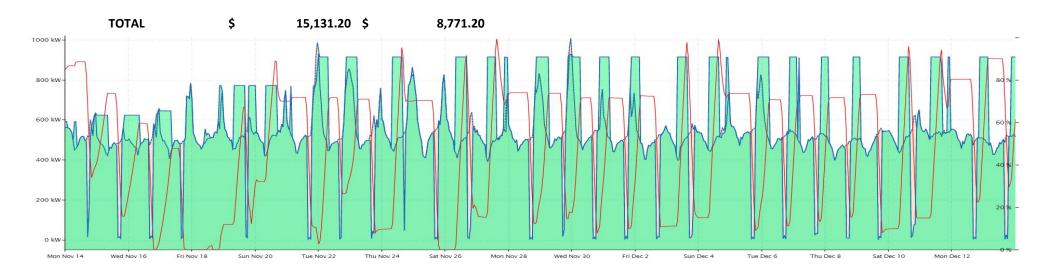


### WRP BATTERY STORAGE SYSTEM

# **MONTHLY REPORT**

December, 2022 Year 4

BILLING PERIOD	BILL SAVINGS	<b>NET SAVINGS</b>
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



### **Sewerage Treatment Plant**





23542 Moulton Pkwy, Laguna Woods, CA 92637

### Savings Report - 2022-12

Nov 14, 2022 - Dec 14, 2022

SCF TOU 8 Option D (< 2kV)

					SCE 100 8 0	ption D (< 2kV)
Demand Charges	Before St	orage	After Sto	orage	Savin	gs
Maximum Demand Charges	1,013kW	\$21,800.76	936kW	\$20,142.72	77kW	\$1,658.04
Winter Mid-Peak (Weekdays)	774kW	\$6,370.70	732kW	\$6,024.36	42kW	\$346.34
Sub-total		\$28,171.47		\$26,167.08		\$2,004.39
Energy Charges	Before St	orage	After Sto	orage	Savin	gs
Winter Mid-Peak	80,382kWh	\$9,276.06	36,183kWh	\$4,175.51	44,199kWh	\$5,100.56
Winter Off-Peak	179,130kWh	\$20,553.39	211,041kWh	\$24,214.84	(31,911)kWh	\$(3,661.45)
Winter Super Off-Peak	116,132kWh	\$9,317.24	134,614kWh	\$10,800.07	(18,482)kWh	\$(1,482.84)
Sub-total		\$39,146.70		\$39,190.42		\$(43.73)
Other Monthly Charges	Before St	orage	After Sto	orage	Savings	
Customer and Other		\$347.00		\$347.00		\$ -
Sub-total		\$347.00		\$347.00		\$ -
Total	Before St	orage	After Storage		Savin	gs
		\$67,665.16		\$65,704.50		\$1,960.66

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.





The President of the ACWA JPIA

hereby gives Special Recognition to

# El Toro Water District

for achieving a low ratio of "Paid Claims and Case Reserves" to "Deposit Premiums" in the Liability Program for the period 10/01/2018 - 09/30/2021 announced at the Board of Directors' Meeting in Indian Wells.

Mily McDould

Melody McDonald, President



November 28, 2022

# **Polly Welsch**

From: Sent: ACWA JPIA < lbaryak@acwajpia.com> Tuesday, January 10, 2023 8:00 AM

To:

Polly Welsch

Subject:

Notice: JPIA 2023 Executive Committee Nominations Open

View this email in your browser



# 2023 JPIA Executive Committee Election Notice

There will be an Executive Committee election during the JPIA's Board of Directors' meeting to be held in the spring of 2023.

This election will fill four Executive Committee member positions, each for a fouryear term.

JPIA Directors who are interested in being candidates for the election should follow the nomination procedures.

The deadline to qualify for the election is Friday, March 24, 2023.

The nominating procedures and samples of the nominating and concurring in nomination resolutions can be found on the <u>JPIA's website</u>.







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The 2023 Executive Committee Election Notice is now available for viewing.

# **ACWA JPIA Nomination Procedures for Executive Committee**

# Approximately 120 Days before Election (January 9, 2023)

All ACWA JPIA Directors and Member Districts are to be notified of:

- A) Date and place of Election;
- B) Executive Committee positions and terms of office to be filled by Election;
- C) Nomination Procedures.

# 120 to 45 Days before Election (January 9 – March 24, 2023)

- A) A district (that participates in all four of the JPIA's programs: Liability, Property, Workers' Compensation and Employee Benefits) may place into nomination its member of the Board of Directors of ACWA JPIA with the concurrence of three districts, then members of the ACWA JPIA, in addition to the nominating district.
- B) Sample resolutions are available on the ACWA JPIA website.
- C) The **district is solely responsible** for timely submission of the nominating resolution and the three additional concurring in nomination resolutions of its candidate for office.

# 45 Days before Election (March 24, 2023)

A) Deadline and location for receiving the nominating and concurring in nomination resolutions in the ACWA JPIA office:

Friday - March 24, 2023 - 4:30 p.m.

Laura Baryak Administrative Assistant II (lbaryak@acwajpia.com) ACWA JPIA P. O. Box 619082 Roseville, CA 95661-9082

B) Candidates' statement of qualifications must be submitted, if desired, with the nominating resolutions. The statement of qualifications must be submitted on one side of an 8½ x 11" sheet of paper suitable for reproduction and distribution to all districts. (MSWord or PDF documents preferred).

# 14 Days before Election (April 24, 2023)

Final notice of the upcoming Election of Executive Committee members will be included as part of the Board of Directors' meeting packet. Final notice shall include:

- A) Date, Time, and Place of Election;
- B) Name and District of all qualified candidates;
- C) Candidate's statement of qualifications (if received); and
- D) Election Procedures and Rules.



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

From: Natural Resource Results

**RE:** Monthly Board Report – January 2023

### **FY23 Appropriations**

Congress finally wrapped up the FY23 appropriations process by passing an omnibus spending bill on DATE. The bill will fund the federal government through then end of September 2023 and includes several legislative proposals relevant to MWDOC and the Colorado River, including:

- \$50 million to implement the Colorado River DCP
- \$38 million for drought response under the WaterSMART Program
- \$65 million for WaterSMART grants
- \$12 million for WIIN Act Desalination and Water Purification projects
- \$17 million for desalination and water purification research
- \$134 million for WIIN Act storage projects
- \$60 million for Title XVI projects and
- \$33 million for CALFED and legislative language extending the CALFED authorization
- \$20 million for Salinity Control Title I
- \$6 million for Salinity Control Title II
- \$80 million for Sites Reservoir

**S. 2693/H.R. 3877, Salton Sea Projects Improvement Act** – this bill authorizes \$10 million for Salton Sea restoration projects. The bill originally authorized \$250 million for the same purpose but the authorization was reduced to ease the bill's path through Congress. This was done with approval from Reclamation since there is significant funding available for the same purpose from the Inflation Reduction Act.

**S. 4579/H.R. 9173, Colorado River System Conservation Pilot Program (SCPP)** – this bill extends Reclamation's authorization to participate in SCPP for 2 years. The program provides payments to Upper Basin water users for voluntary reductions in consumptive use. The Upper Colorado River Commission has recently restarted the program and will use funding from the Inflation Reduction Act. This bill gives Reclamation explicit authority to participate.

# **Colorado River Water Users Association (CRWUA)**

Earlier this month, the seven basin states met at CRWUA in Las Vegas and agreed to come up with an alternative to reduce demand on the Colorado River. This alternative, if agreed to by all states, would be shared with the Bureau of Reclamation by the end of January 2023, and would be considered as part of their Supplemental Environmental Impact Statement following their Notice of Intent to re-examine the 2007 Guidelines. The states feel somewhat optimistic that they can come up with an alternative before the deadline.



To:	MWDOC
From:	Syrus Devers, Best & Krieger
Date:	January 4th, 2023
Re:	State Legislative Report

# **Legislative Report**

<u>Final election update</u>: Senator Melissa Hurtado (D) in SD 16 (Fresno, Kern, And Tulare Counties) led challenger David Shepard (R) by 20 votes once the election results were certified; Shepard launched a recount that began on the 20th. The recount will continue until the Shepard campaign either calls off the recount or fails to pay the daily fee required to continue the process. It will cost a little over \$6,500 per day to keep the recount going in all three counties within the Senate district. As far as BB&K staff is able to determine, a recount has resulted in a member of Legislature being removed from office after having been sworn in only one time. In 1980, Patrick Johnson (D) was sworn into office on January 1st after his Republican opponent had already been sworn into office. Johnson lost by 18 votes after final vote certification, but the recount gave him the victory by a handful of votes.

<u>Legislature reconvenes</u>: On January 4th the Legislature will reconvene for the 2023-24 biennial session. Since this is the start of the session, there are no bills carried over from last year. Members will have until January 20th to submit bill proposals to Legislative Counsel (Leg Counsel) for processing<sup>1</sup>, but this is not a firm deadline; it is the date by which Leg Counsel promises to return the processed bill proposal before the February 17th deadline to introduce a new bill. A new bill cannot be heard in committee or amended for 30 days after introduction. Although it varies each year and by committee, bill hearings usually begin the 3rd or 4th week of February.

The Budget: the first major event of the legislative year is the introduction of the Governor's Budget on January 10th. In an attempt to influence the Governor's proposal, each house of the Legislature publishes its budget priorities for the upcoming year. Reflecting the anticipated budget deficit, the list of priorities were far less ambitious than prior years. Unlike last year, neither house listed drought relief as a top priority except to preserve the progress made in previous years. Also unlike previous years, neither

<sup>&</sup>lt;sup>1</sup> A bill proposal, which can take almost any form, delivered to Leg Counsel is said to be "into Leg Counsel." This means Leg Counsel has not decided how the bill should be drafted and it may or may not suit the wishes of the author. Many interested parties will refrain from taking a position on a bill until it is in "Leg Counsel form," which means the bill has been processed and is ready to be introduced.



house put much effort into publicizing the priorities. Both houses emphasized cautiously drawing down budget reserves and putting off "out year" spending. This is potentially bad news for water interests. Out year spending refers to planned spending in future budgets, which includes the majority of the funds allocated for water infrastructure in the previous budget. Unless funds are appropriated for specific projects, any planned spending can be delayed indefinitely.

The question, therefore, is whether or not there will be a budget deficit. The consensus opinion, including that of the Legislative Analyst's Office, is that the state will likely see a deficit of \$24 billion, but there are contrary opinions. The Director of UCLA's Anderson School of Management noted in a recent presentation that California is benefitting from investments in the tech, defense, and construction industry, and is not suffering the loss of jobs hitting the rest of the country. It is possible that California may avoid a recession even if the U.S. economy turns negative. The full UCLA report can be viewed here:

https://www.anderson.ucla.edu/about/centers/ucla-anderson-forecast/events/december-2022-economic-outlook.

BB&K is hoping for the best and has relaunched its efforts to get funding in the budget for a permanent home for the WEROC Emergency Operations Center. The focus this year will be on getting one member of the O.C. Delegation to champion the budget request and asking the other members to join in support. Last year, every member of the O.C. Delegation signed the budget request, but no one member made it a personal priority. Redistricting has opened up new options for 2023 which BB&K is pursuing.

Item No. 3d

# MWDOC Workshop Bill Matrix

Prepared by Best Best & Krieger, January, 2023

В. У	Watch					
<b>A</b> easure	Author	Topic	Status	Brief Summary	Position	Priority
AB 66	Mathis R	Natural Resources Agency: water storage projects: permit approval.	12/7/2022- From printer. May be heard in committee January 6.	Current law establishes the Natural Resources Agency, composed of departments, boards, conservancies, and commissions responsible for the restoration, protection, and management of the state's natural and cultural resources. Current law establishes in the agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require the agency, and each department, board, conservancy, and commission within the agency, to 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.		B. Watch
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.	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.	12/6/2022- From printer. May be acted upon on or after January 5.	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	Out for Analysis	B. Watch

		would expand the scope of the Water	
		Shutoff Protection Act by requiring that	
		it instead apply to a community water	
		system, defined to have the same	
		meaning as existing law. The bill would	
		require a community water system that	
		supplies water to 200 service connections	
		or fewer to comply with the act's	
		provisions on and after August 1, 2024.	
<u> </u>	·		

# C. Spot Bill

Measure	Author	Topic	Status	Brief Summary	Position	Priority
SB 23	Caballero D	Water supply and flood risk reduction projects: expedited permitting.	From printer. May be acted upon	•		C. Spot Bill

**Total Measures: 4** 

Total Tracking Forms: 4



# STAFF REPORT

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

From: Sherri Seitz, Public Affairs Manager

**Subject: Public Education and Outreach Report** 

# **Bill Message**

Customer January 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 <a href="mailto:CustomerService@etwd.com">CustomerService@etwd.com</a>. Payments can be made through the mail, drop box and online through the ETWD payment portal. Please visit <a href="mailto:ETWD.com/view-pay-yourbill">ETWD.com/view-pay-yourbill</a> for more information.

# Community Advisory Group (CAG) Meeting

ETWD's next CAG meeting is scheduled for Thursday, February 9, 2023. Tentative topics for the meeting are an update on water supply and water/wastewater projects.

### **Community Events**

# **Laguna Woods Village Water Conservation Committee**

On December 16, 2022, Dennis Cafferty participated in a water conservation panel on Laguna Woods Village Television with Water Conservation Committee advisor Dr. Lee Goldstein and committee chair Donna Rane-Szostak.

Dennis discussed where our water comes from, water supply, drought conditions and Laguna Woods Village residents water use. The video is linked on the ETWD website. Link to the Water Conservation You Tube presentation: <a href="https://youtu.be/rEGOzr5kpF8">https://youtu.be/rEGOzr5kpF8</a>

# **South Orange County Economic Coalition**

On January 23, 2023 Dennis Cafferty will participate as a panelist on the South Orange County Economic Coalition Western Water: Challenges and Opportunities for Orange County program. Other panelists will include moderator, Frank Ury, SMWD President, Rick Shintaku, SCWD General Manager, Dan Ferons, SMWD General Manager and

representative from MWDOC. Panelists will discuss how South Orange County water districts efforts locally and regionally have better prepared the water agencies to overcome water related challenges.

The program will be promoted by the South Orange County Economic Coalition and its members.

# **Children's Water Education Festival**

The Children's Water Education Festival is returning to an in person event at UCI this year on March 29 and March 30<sup>th</sup>. Thousands of children in grades 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> grade Orange County students will attend this hands on environmental festival. ETWD will be a sponsor of the event and Sherri Seitz and Vu Chu are evalutating returning as a presenter at the event as several south county schools will be attending the festival this year. Vu is proposing a water quality activity with the students. The students would utilize drinking water test kits to test different water parameters such as pH, alkalinity, nitrates and nitrites comparing ETWD water to bottled water. We will then engage the students with trivia questions after the testing and provide a water use efficiency item to take home.

# Village Management Services (VMS)/Laguna Woods Village Concerns Citizens

Sherri Seitz met with Eileen Paulin with VMS and Ann Beltran and Mary Sinclair with Concerned Citizens of Laguna Woods Village on promoting residential water use efficiency in the Laguna Woods Village.

The meeting was productive and a recap of the suggestions that came out of the meeting are as follows:

- LWV residential water efficiency fliers:
  - Sherri will tailor ETWD's current water use efficiency flier to Laguna Woods Village residents and VMS staff will make the graphic changes. VMS will try to create a second side to the flier that delineates additional LWV mandates and suggestions. All parties will review before distribution.
  - ETWD will print 1,500 fliers.
  - Distribution: Clubhouses, Community Center, buses, placement in sales and leasing packets, as well as new resident orientation materials.
  - Ann and Mary will also distribute to large clubs in the village.
- A water use efficiency article will be included in the next Laguna Woods Breeze
  magazine in the May/June issue. The residential water efficiency flier will
  accompany the article along with a link to the flier electronically.
- ETWD will continue to provide the ETWD newsletter inserts to The Laguna Woods Globe for distribution to approximately 5,000 LWV residents.

- VMS will continue linking the ETWD newsletters to the Laguna Woods Village What's Up in the Village e-blasts.
- The Concerned Citizens Environment Committee is in planning stages for their April 20<sup>th</sup> Earth Day event. Sherri suggested that they have a water use efficiency panel presentation included. The following speakers will be suggested to the committee:
  - o ETWD General Manager Dennis Cafferty and/or President Kay Havens
  - VMS Kurt Weimann, Director of Field Operations highlight mulching and turf reduction/irrigation program
  - VMS Resident Services Robert Carroll organic recycling
- Ann and Mary will discuss with Donna Rane-Szostak proposing another LWVT water conservation panel in the summer. Dennis Cafferty will be a potential panelist.
- ETWD will provide future water use efficiency videos to LWV Television TV 6 to promote in the community.

# **ETWD Video Plan**

Sherri developed a video plan with Rock Spark Communications and staff is evaluting the plan and costs to develop four 60 second videos and a video tour of the Water Recycling Plant in 2023. Video topics include About ETWD/District Overview, District Infrastructure/Projects, Water Use Efficiency – Indoors and Water Use Efficiency – Outdoors. Staff will follow up with more details once the plan is finalized.

# **Adopt a Channel**

Staff is working with the County of Orange on finalizing the permit issuance and signage for the channel. We will inform the board when the signs are installed and can meet at the site to view the channel and a photo opportunity.



# STAFF REPORT

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

From: Vu Chu, Water Use Efficiency Analyst

**Subject: Water Use Efficiency Report** 

# **Rebate Programs:**

The SoCal WaterSmart regional rebate program is available to ETWD customers provided by the Metropolitan Water District of Southern California, the Municipal Water District of Orange County and ETWD.

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

Select device purchases are eligible for rebates while meeting eligibility requirements and subject to funding availability. Rebate information can be found at www.etwd.com/conservation/rebates.

# **Residential Rebate Programs:**

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

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

<sup>\*</sup>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.

<sup>\*</sup>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 December 2022.

Residential Device Rebates	Rebates Approved December 2022	ETWD Amount Paid	MET Amount Paid	Total Rebate Paid
High Efficiency Clothes Washer	3	\$230	\$255	\$485
Smart Irrigation Timer	2	\$110.61	\$160	\$270.61

Commercial Device Rebates	Rebates Approved December 2022	ETWD Amount Paid	MET Amount Paid	Total Rebate Paid
Smart Irrigation Timer	1	\$0	\$245	\$245

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 Supplementa I Amount	Budget 22/23	ETWD Supplemental Rebate Total
Turf Removal Residential	6,756	\$1 sq. ft.	\$10,000	\$6,756
Spray-To-Drip	1,026	\$0.25 sq. ft.		\$256.50

# Water Use Efficiency Plan Update:

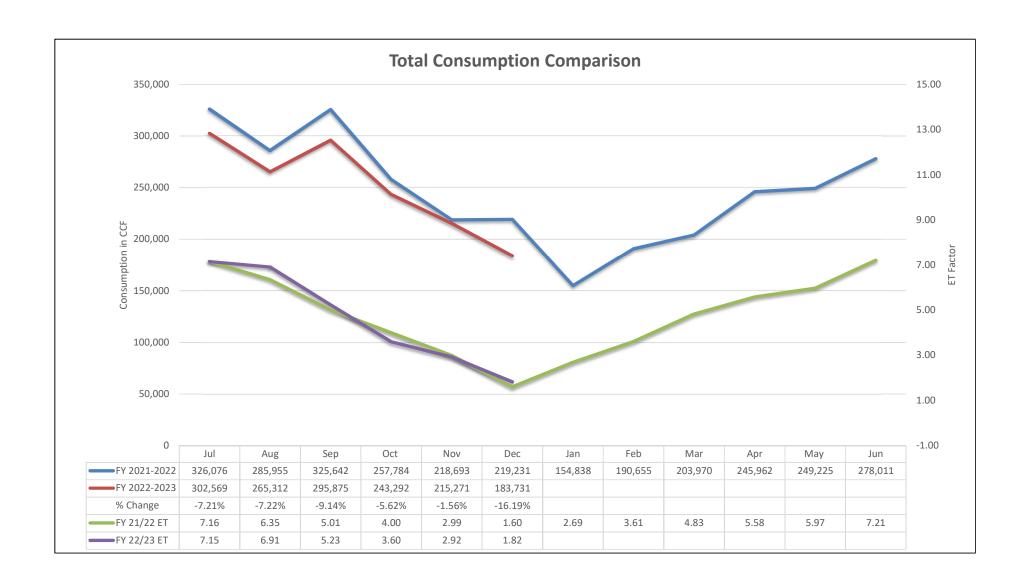
The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). During December 2022, residential customers accounted for 69% of Tier 3 usage and dedicated irrigation accounted for 31%. For Tier 4, residential customers accounted for 45% and dedicated irrigation accounted for 55% during the same period.

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

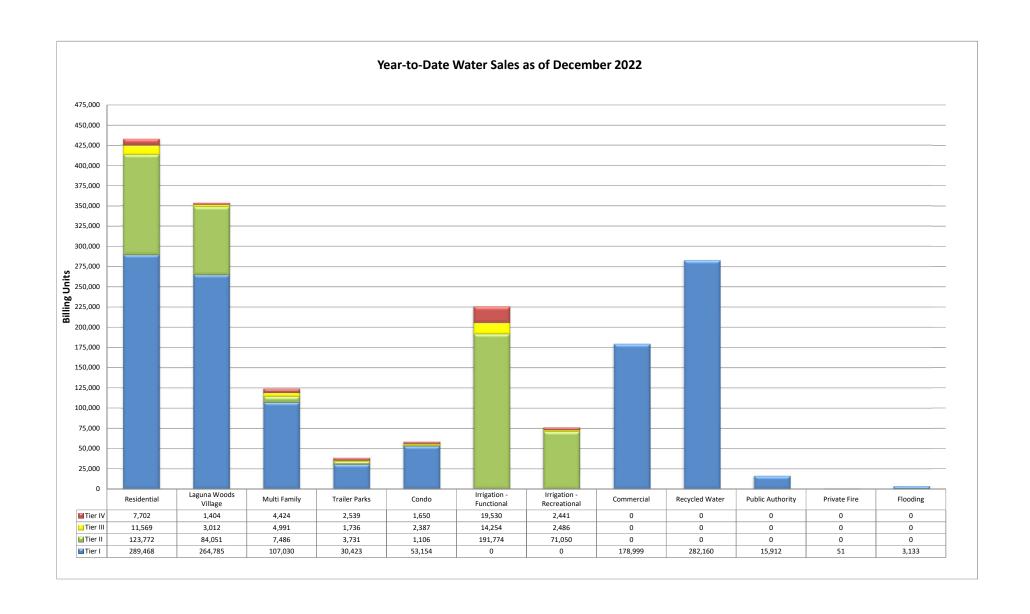
Included in this month's Water Use Efficiency Report is a chart comparing the current fiscal year consumption and ET factor to the fiscal 2021/22 consumption and ET factor. There was a 16.19% reduction in total consumption reflected in December 2022 versus December 2021. The ET factor increased from 1.60 to 1.82 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.



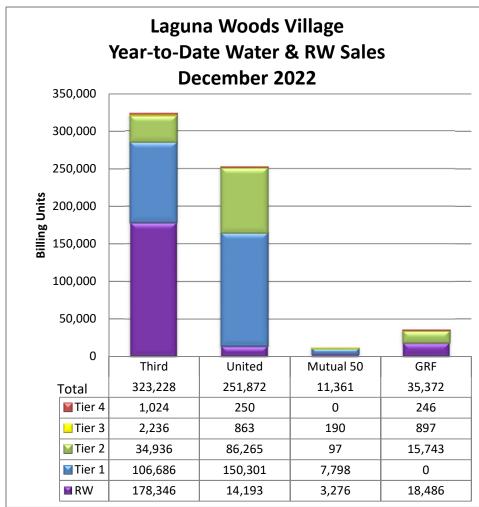


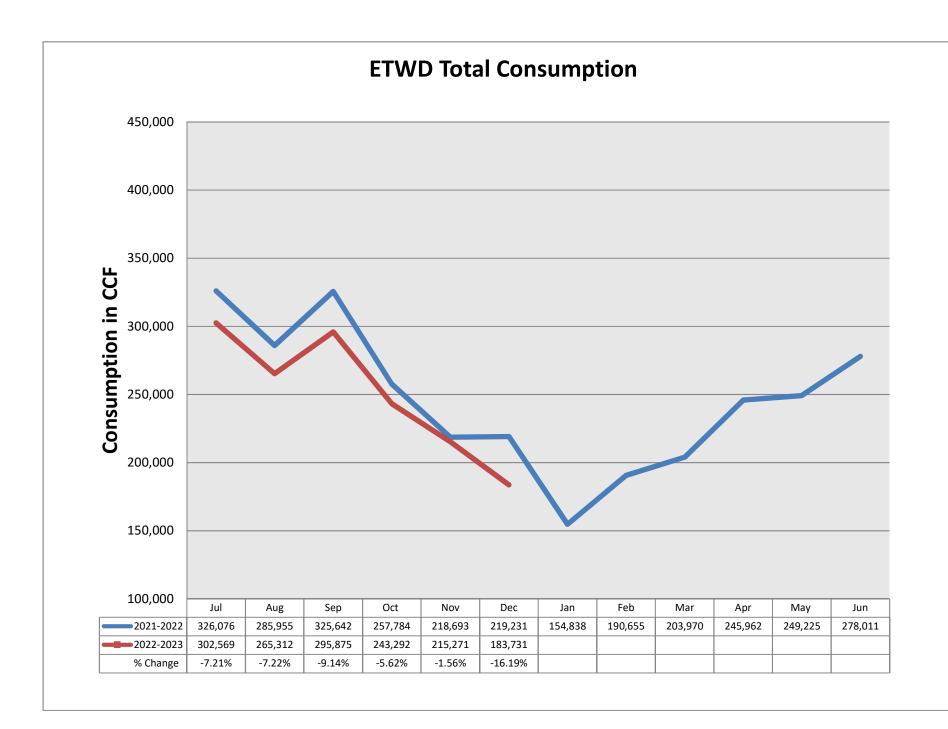


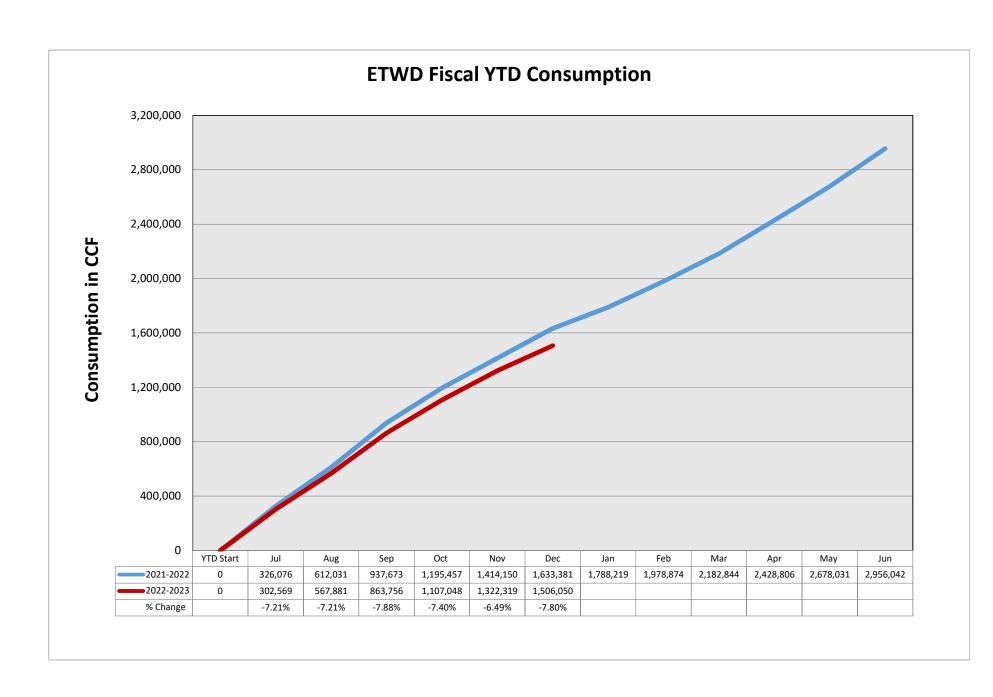


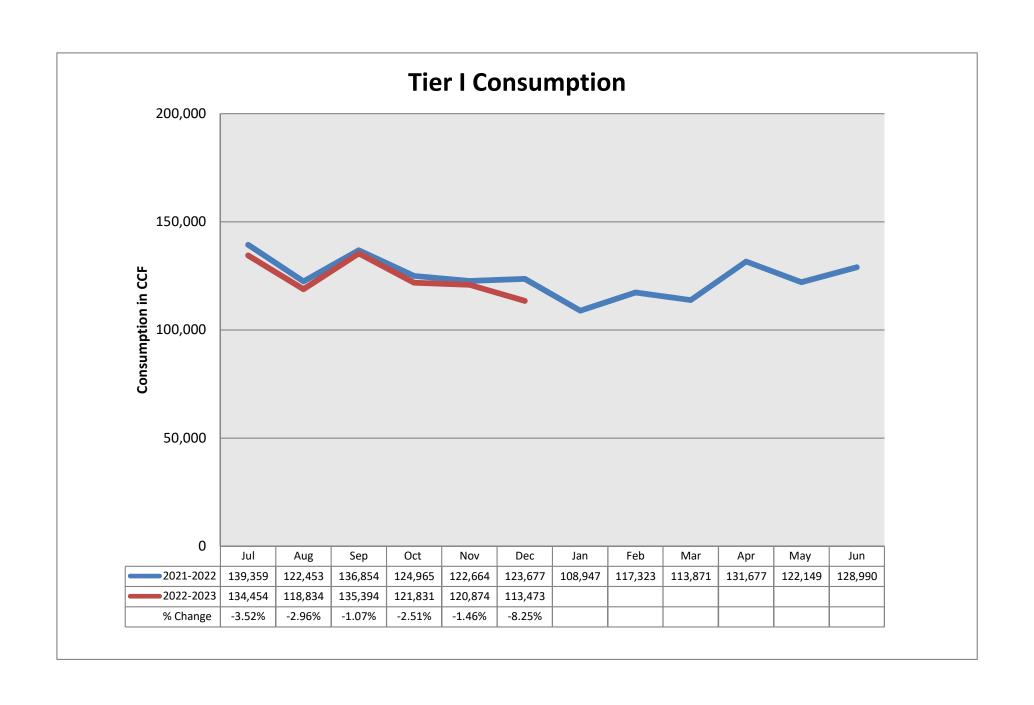


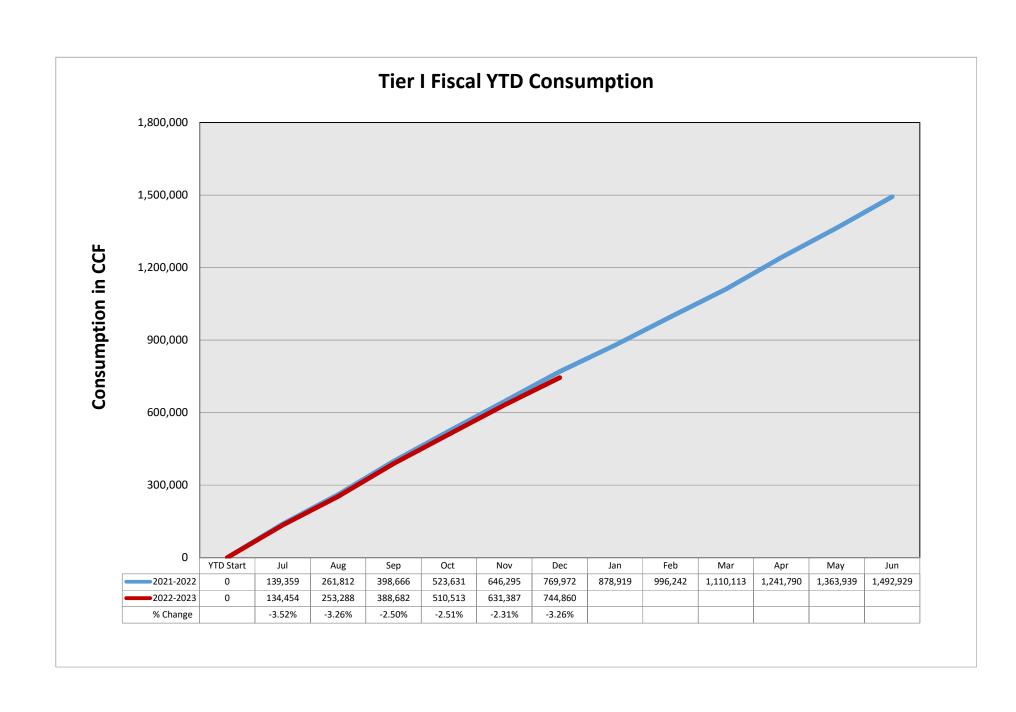


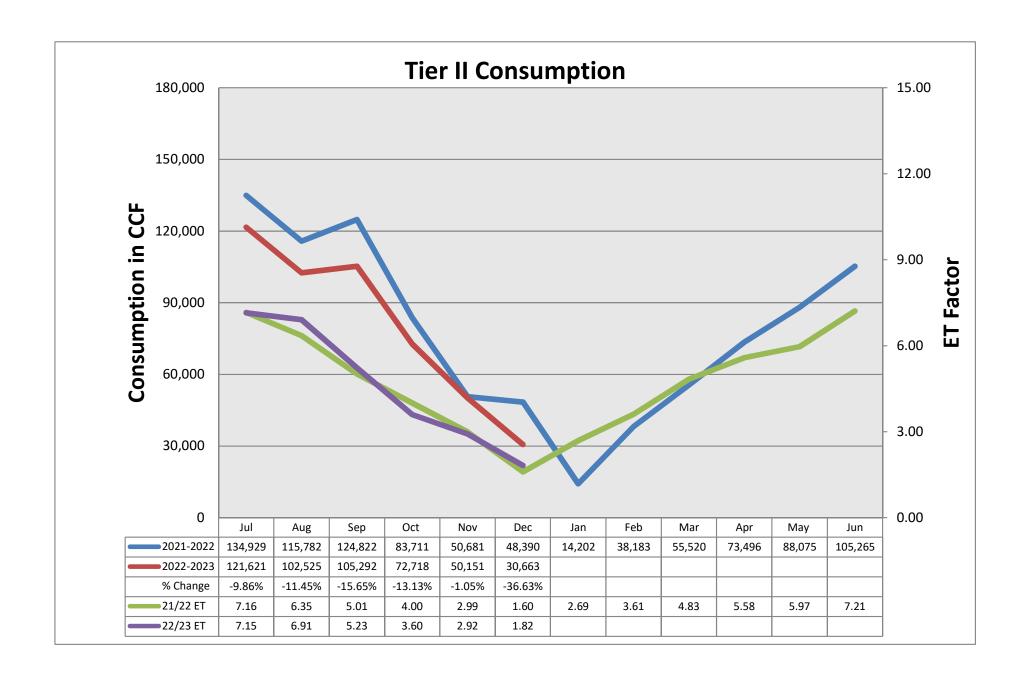


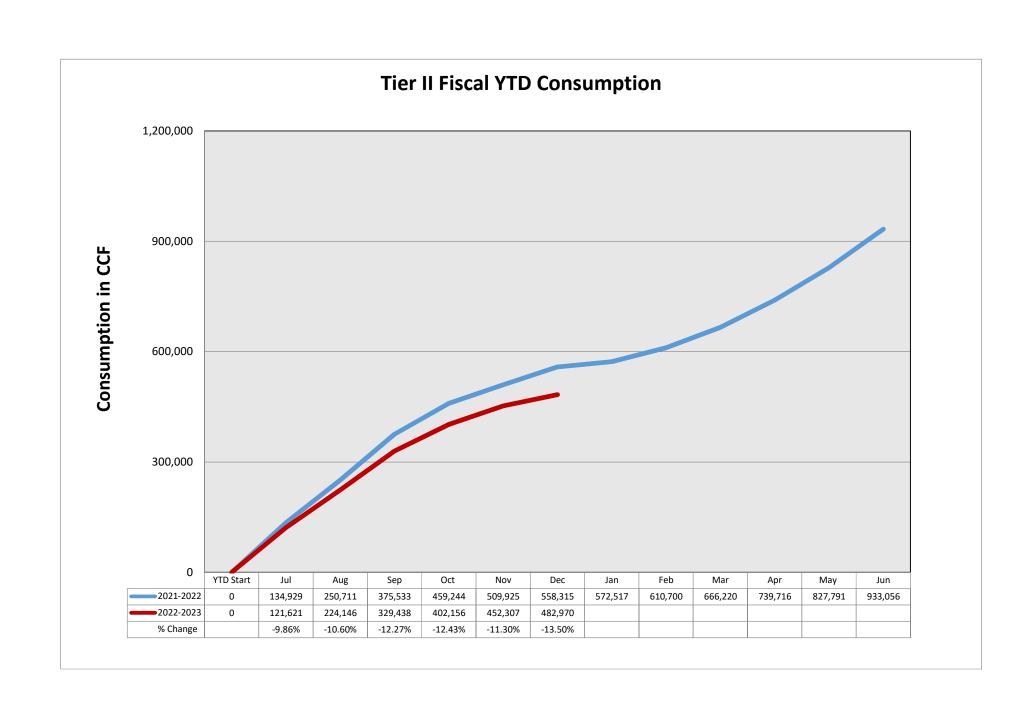


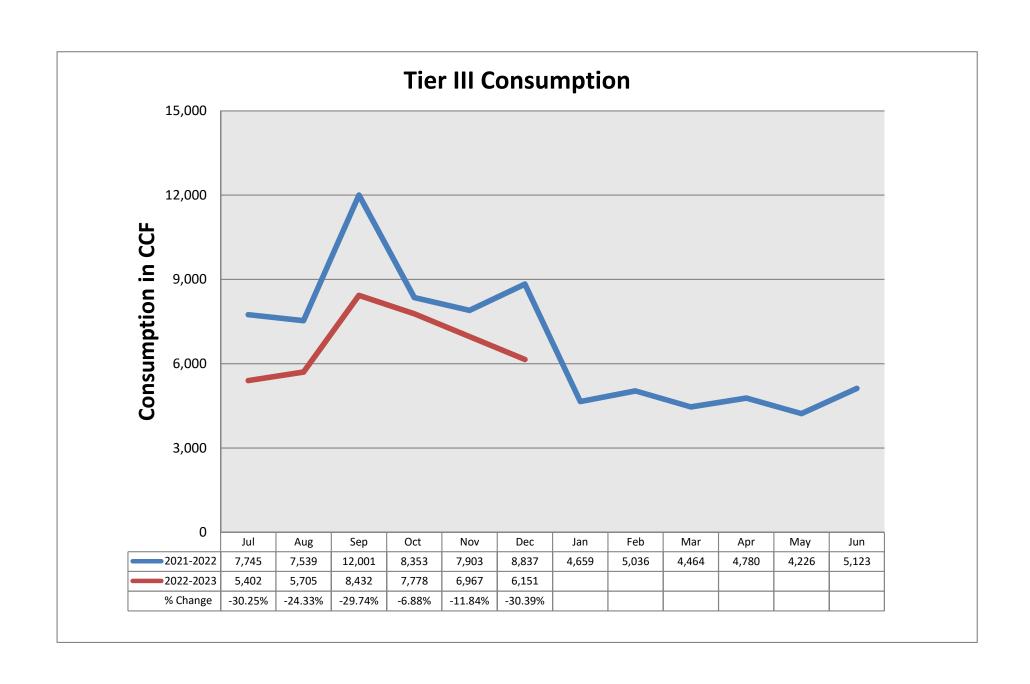


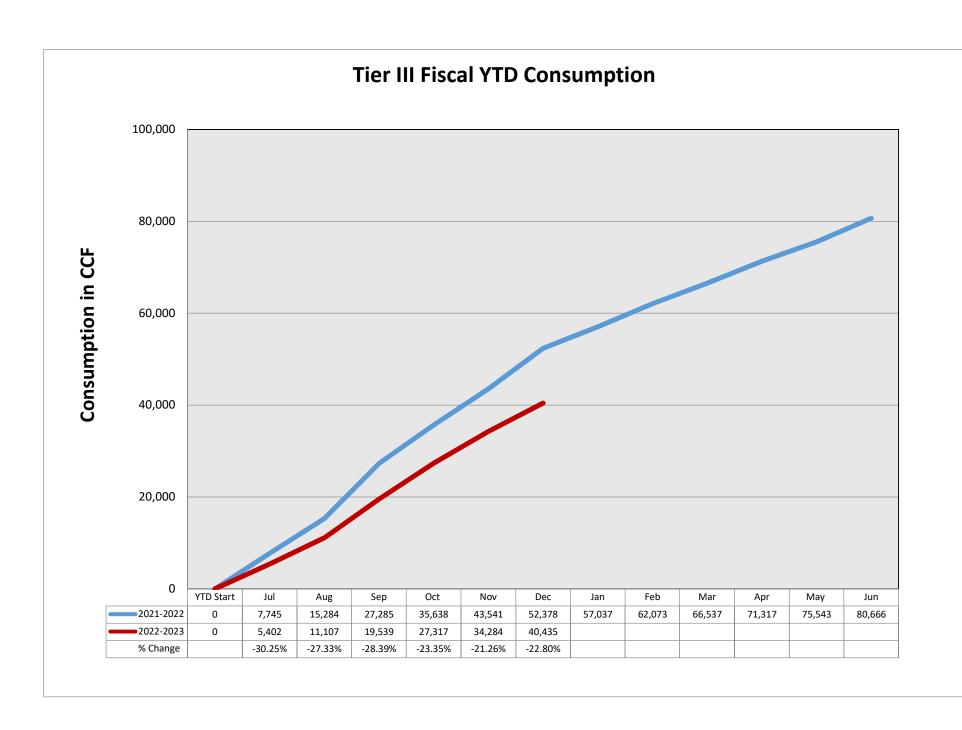


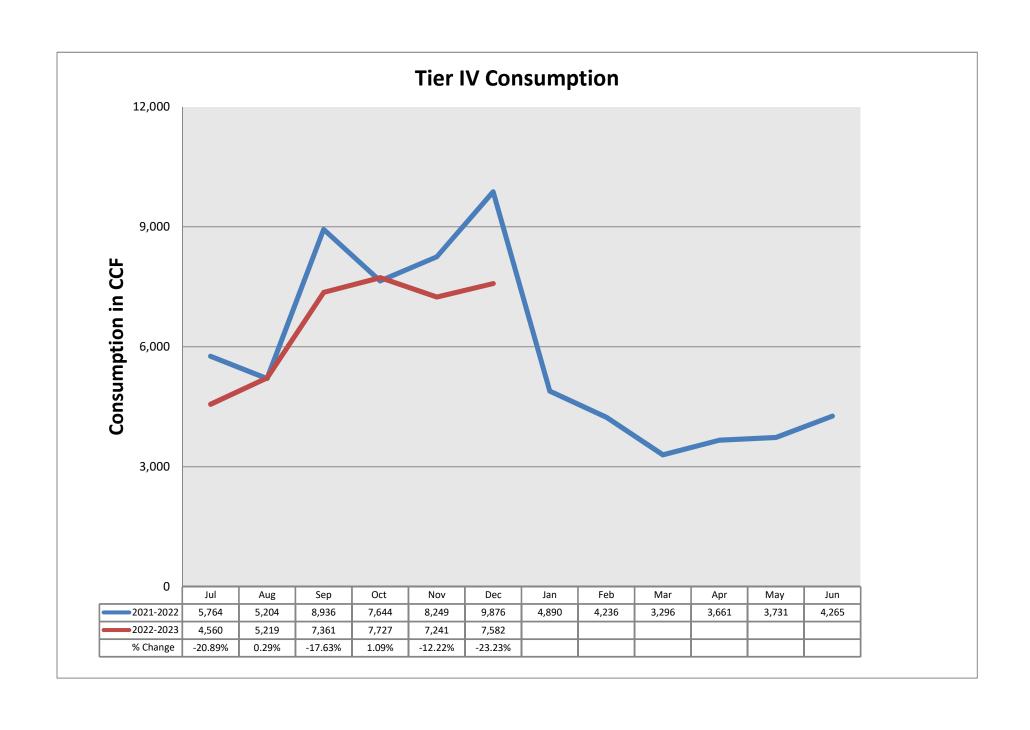


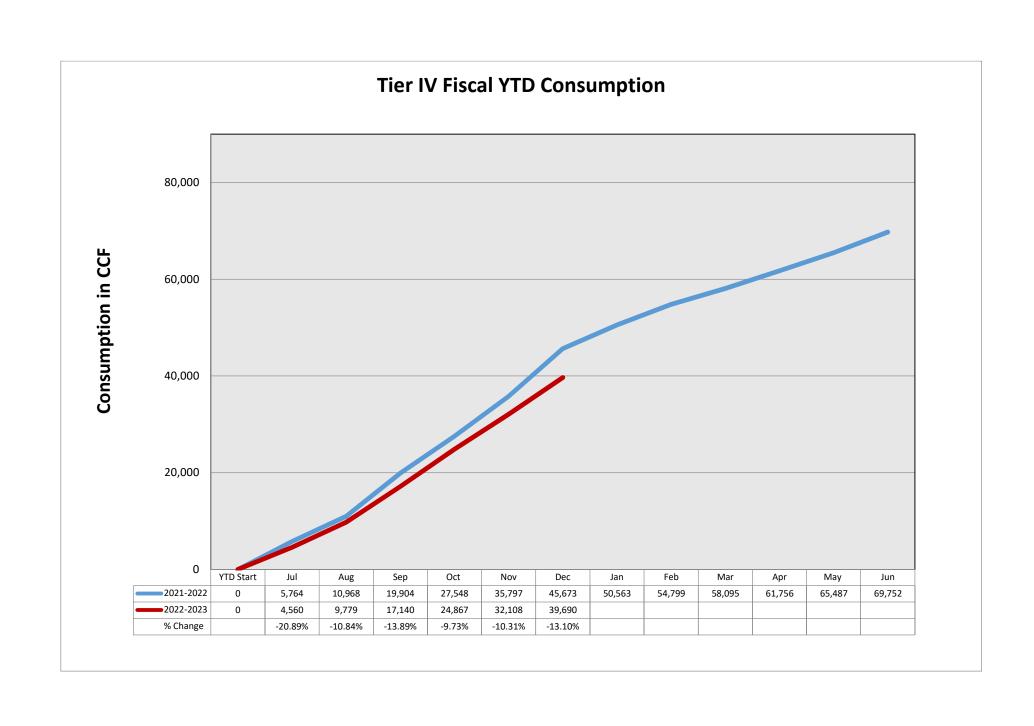




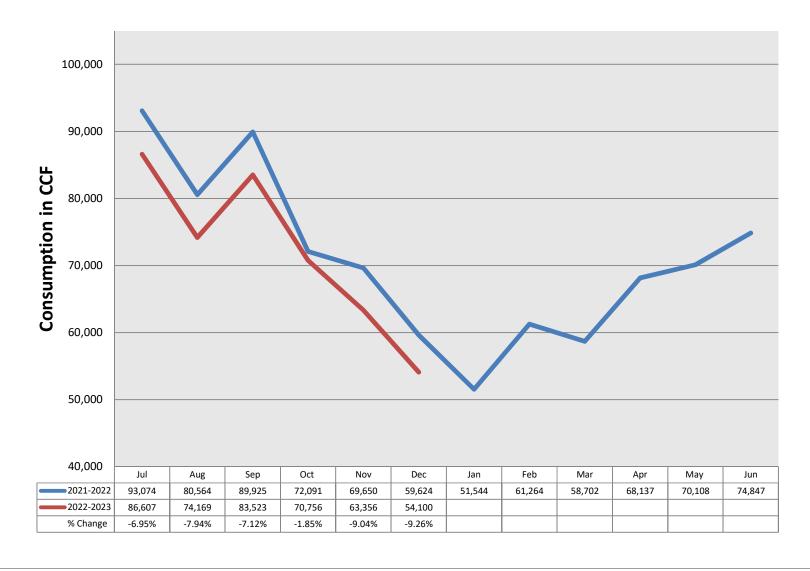


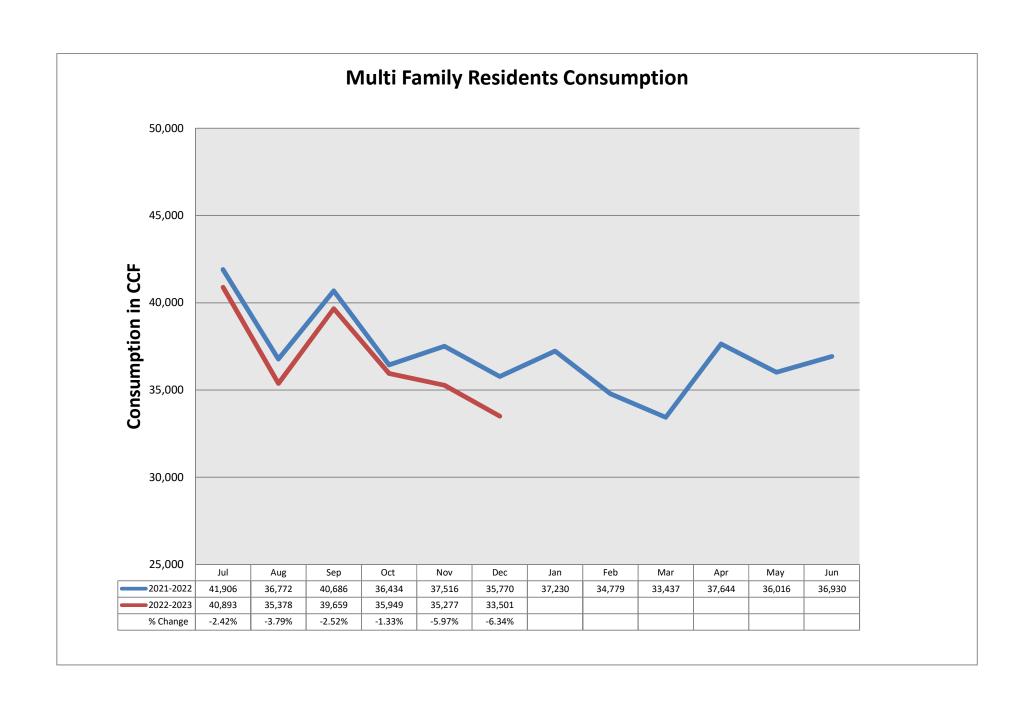




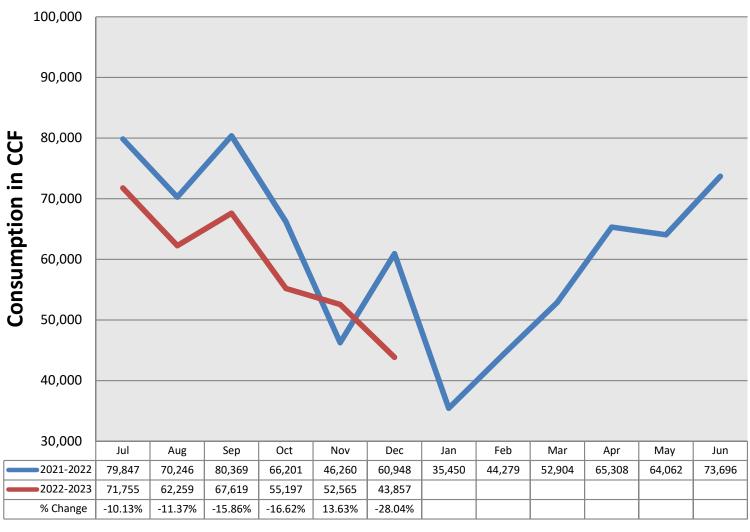


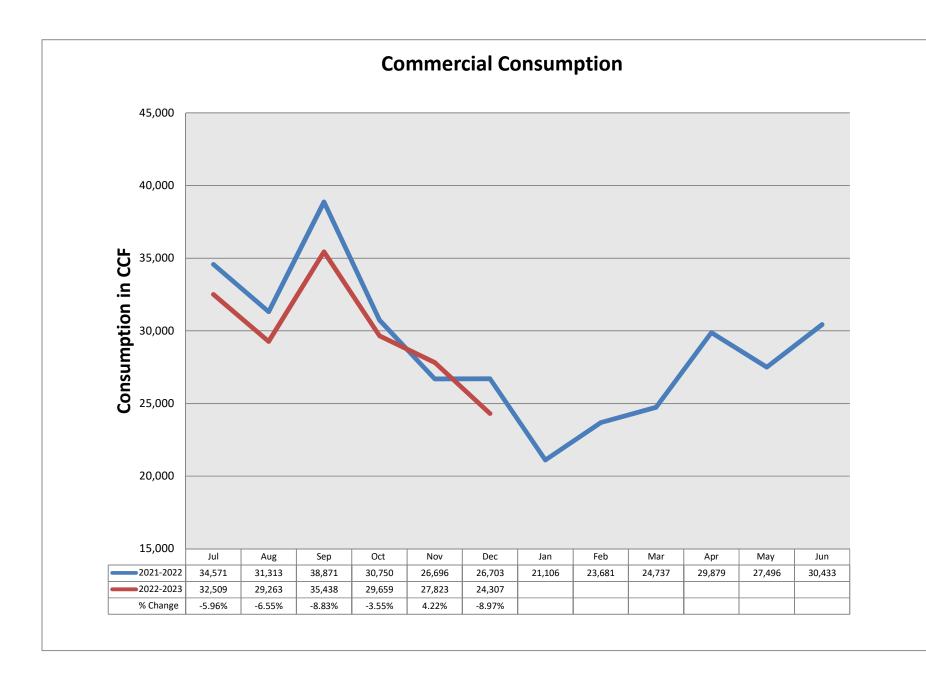


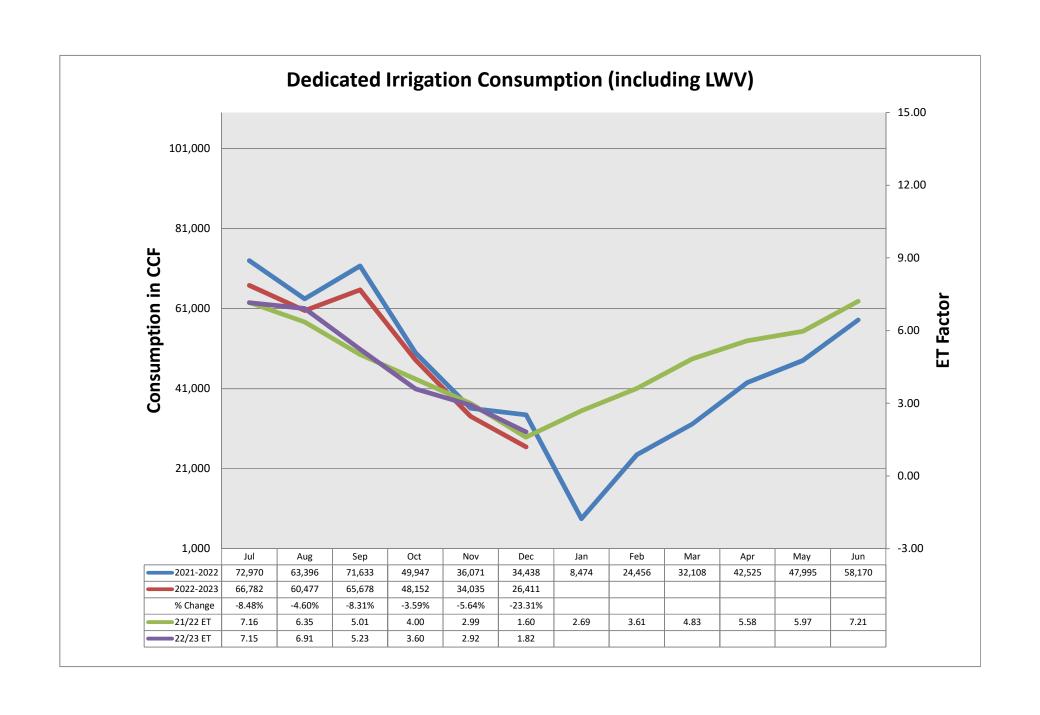




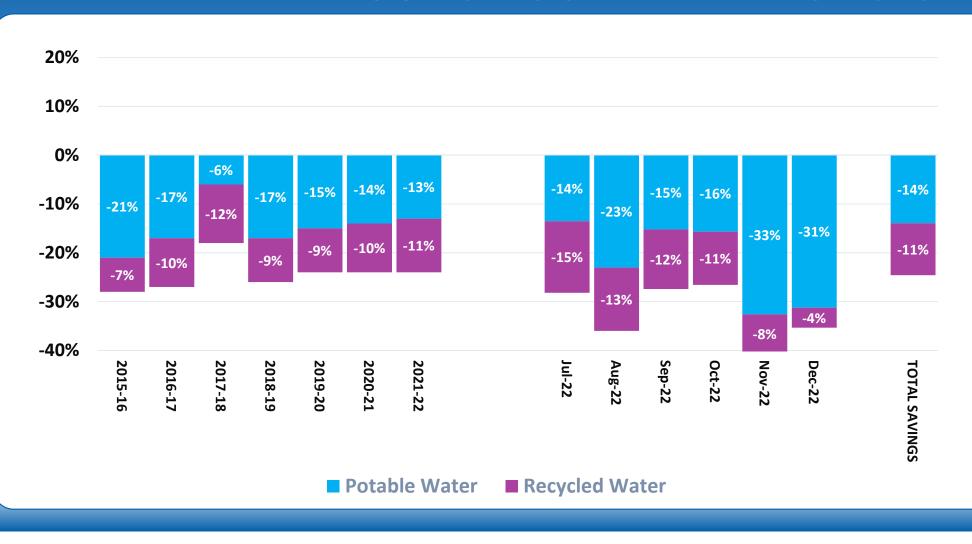




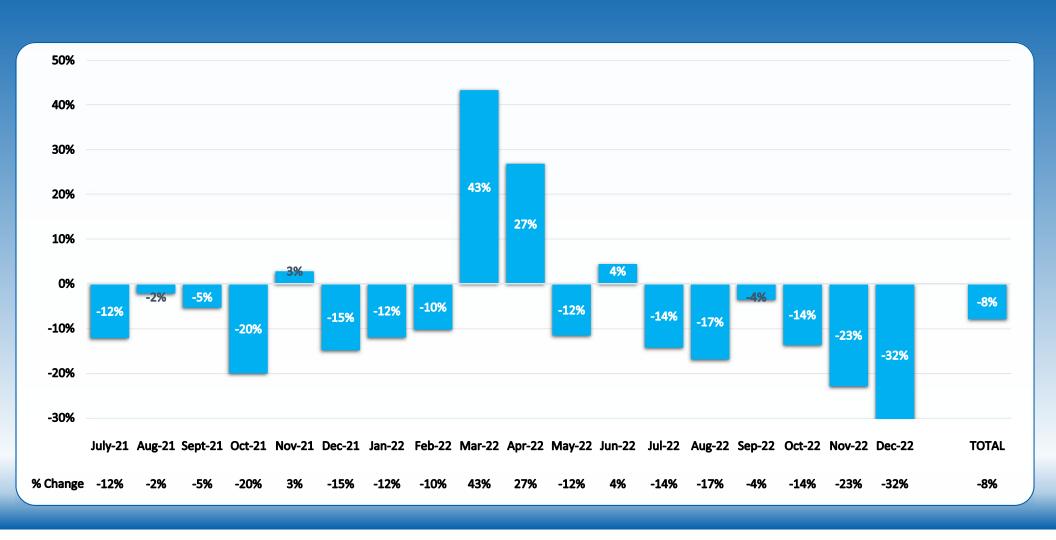




## **ETWD WATER USAGE COMPARED TO 2013**



# **ETWD WATER USAGE COMPARED TO 2020**



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

## FINANCE COMMITTEE TELECONFERENCE MEETING

December 20, 2022 10:30 a.m.

## Join Zoom Meeting by clicking on the link below:

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

Meeting ID: 834 1101 6442 Passcode: 395554

One tap mobile +16699006833,,83153136877#,,,,\*101292# US (San Jose) +16694449171,,83153136877#,,,,\*101292# US

Dial by your location
+1 669 900 6833 US (San Jose)
+1 669 444 9171 US
+1 719 359 4580 US
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 360 209 5623 US
+1 386 347 5053 US
+1 564 217 2000 US
+1 646 931 3860 US
+1 929 205 6099 US (New York)
+1 301 715 8592 US (Washington DC)

301 715 8592 US (Washington D +1 309 205 3325 US +1 312 626 6799 US (Chicago)

Find your local number: <a href="https://socwa.zoom.us/u/kbDaWwwlay">https://socwa.zoom.us/u/kbDaWwwlay</a>

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 **December 20, 2022,** 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**

Call Meeting to Order

## 2. Public Comments

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

## 3. Approval of Minutes

Finance Committee Meeting of November 30, 2022

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

4. Financial Reports for the Month of November 2022

The reports included are as follows:

- a. Summary of Disbursements for November 2022 (Exhibit A)
- b. Schedule of Funds Available for Reinvestment (Exhibit B)
  - Local Agency Investment Fund (LAIF)
- c. Schedule of Cash and Investments (Exhibit C)
- d. Capital Schedule (Exhibit D)
  - Capital Projects Graph (Exhibit D-1)
- e. Budget vs. Actual Expenses:
  - Operations and Environmental Summary (Exhibit E-1)
  - > Operations and Environmental by PC (E-1.2)
  - ➤ Residual Engineering, after transfer to Capital (Exhibit E-2)
  - Administration (Exhibit E-3)
  - Information Technology (IT) (Exhibit E-4)

Recommended Action: Staff recommends that the Finance Committee recommend that the Board of Directors ratify the November 2022 disbursements for the period from November 1, 2022, through November 30, 2022, totaling \$1,892,575, and to receive and file the November 2022 Financial Reports as submitted.

5. Year End June 30, 2023, Financial Auditing Services - Selection of Auditor with services up to four (4) years.

**Recommended Action:** Staff recommends that the Finance Committee make a recommendation to the Board of Directors that authorizes the General Manager to enter into a contract for up to four (4) years with one of the two firms.

6. Cost of Service Restructure Opportunities for SOCWA - Verbal Update on Meeting with Finance Officers

Recommended Action: Staff request the Finance Committee consideration and comments. Direction to Staff.

#### 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 December 2022.

Betty Burnett, General Manager/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 <a href="https://www.socwa.com">www.socwa.com</a>.



## Revised

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

January 5, 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 <a href="https://www.socwa.com">www.socwa.com</a>. 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 SUBMTTED 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 SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST DISABILITY RELATED ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452. THE AUTHORITY ADMINISTRATIVE OFFICES ARE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE"), BUT ARE NOT OPEN TO THE PUBLIC DURING THE PERIOD OF STAY AT HOME ORDERS. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE SENT TO PARTICIPANTS REQUESTING VIA EMAIL DELIVERY. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IMMEDIATELY ON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES.

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

Join Zoom Meeting <a href="https://socwa.zoom.us/">https://socwa.zoom.us/</a>

Meeting ID: 872 6390 8880 Passcode: 952610

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+1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) +1 312 626 6799 US (Chicago) Find your local number: https://socwa.zoom.us/u/kctMZk6nrI

## Revised Agenda

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## 2. PLEDGE OF ALLEGIANCE

### 3. ORAL COMMUNICATIONS

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

PAGE NO

- - 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, January 5, 2023 through February 4, 2023, 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.
    - 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.

## Revised Agenda

**PAGE NO** 

OSED SESSI	<u>ON</u>		
<ul> <li>Closed Session Pursuant to Government Code § 54957.6 Conference with Labor Negotiator:</li> </ul>			
Agency de	signated representative:	Brad Neufeld of Varner and Brandt	
Unreprese	nted employee:	General Manager	
Report out o	f Closed Session		
ONSENT CAL	<u>ENDAR</u>		
Minutes of Bo	oard of Directors		21
	_		
ACTION	The Board will be request	ed to approve subject Minutes.	
Minutes of Pr	oject Committee 2		31
<ul> <li>Project</li> </ul>	ct Committee 2 Meeting of N	November 22, 2022	
ACTION			
Minutes of Fi	nance Committee		38
• Finan	ce Committee Meeting of N	ovember 30, 2022	
ACTION	The Board will be request	ed to receive and file subject Minutes.	
Financial Rep	ports for the Month of Nove	mber 2022	41
1. Sumi 2. Sche 3. Sche 4. Capit	mary of Disbursements for dule of Funds Available for Local Agency Investment dule of Cash and Investment (Exhibit D) Capital Projects – Graph (Jet vs. Actual Expenses: Operations and Environm	Reinvestment (Exhibit B) Fund (LAIF) nts (Exhibit C) (Exhibit D-1) ental Summary (Exhibit E-1)	
	Closed Sess Negotiator:  Agency de Unreprese Report out of ONSENT CAL Minutes of Both 1. Board 2. Board ACTION Minutes of Pr • Project ACTION  Minutes of Finance ACTION  Financial Report 1. Suche 3. Sche 4. Capit 5. Budg  > Capit 1. Suche 1. Suche 2. Sche 3. Sche 4. Capit 3. Sche 4. Capit 5. Budg  > Capit 5. Budg  - Capit 5. Bu	Agency designated representative:  Unrepresented employee: Report out of Closed Session  ONSENT CALENDAR  Minutes of Board of Directors	Closed Session Pursuant to Government Code § 54957.6 Conference with Labor Negotiator:  Agency designated representative: Brad Neufeld of Varner and Brandt Unrepresented employee: General Manager  Report out of Closed Session  ONSENT CALENDAR  Minutes of Board of Directors

## Revised Agenda

			PAGE NO
	ACTION		
	1.	The Finance Committee recommends that the Board of Directors authorizes the General Manager to enter into a contract for up to four (4) years with The Pun Group.	
	2.	The General Manager requests that the Board waive the five (5) year limitation stated in the SOCWA Policy for the Pun Group award based on the offer to change the Lead Audit Partner as included in the Pun Group Proposal.	
E.	E. Year End June 30, 2023, Financial Auditing Services – Selection of Auditor with Services up to Four (4) years.		61
	ACTION	The Finance Committee recommends that the Board of Directors authorize the General Manager to enter into a contract for up to four (4) years with The Pun Group	
F.	Operations Ro	eport (November 2022)	63
	<ol> <li>SOCW</li> <li>Beach</li> <li>Recyc</li> </ol>	ly Operational Report VA Ocean Outfall Discharges by Agency Ocean Monitoring Report eled Water Report atment Report (December 2022)	
	ACTION	The Board will be requested to receive and file subject reports as submitted.	
G.	G. Polymer Contract Amendment with Polydyne, Inc. [Project Committees 2, & 17]		107
	ACTION	Staff recommends that the PC 2 and PC 17 Board of Directors authorize the General Manager to execute a contract amendment to include WE-2405 (polymer) at \$1.8/lb. and add an amendment to include the City of San Clemente to receive supplies of WE-2405 from Polydyne under the contract.	
Н.	H. CEMTEK Environmental, Inc. 1-Year Service Contract \$32,198.00 [Project Committee 17]		108
	ACTION	Staff recommends that the PC 17 Board of Directors authorize the General Manager to acquire the services of CEMTEK Environmental, Inc. for a 1-year contract to service the Regional Treatment Plant (RTP) Continuous Emission Monitoring System (CEMS) for an amount not to exceed \$32,198.00.	

## Revised Agenda

			PAGE NO
I.		endment with Integrated Municipal Systems, LLC. For Scrubber Services [Project Committees 2, 15 & 17]	110
	ACTION	Staff recommends that the PC 2, PC 15, and PC 17 Board of Directors authorize the General Manager to execute a contract amendment to add the City of San Clemente to the SOCWA Contract with Integrated Municipal Systems, LLC to obtain scrubber maintenance services for the City facility.	
J.		Vulcan Washing Press for \$55,564.00 (plus tax, shipping, and to Committee 2]	112
	ACTION	Staff recommends that the PC 2 Board of Directors authorize the General Manager to purchase a replacement Vulcan Washing Press at the JB Latham Plant at the cost of \$55,564, plus shipping costs, fees, and additional tax to be determined at the time the units are shipped.	
K.	Contract Award for Plume Tracking to Michael Baker International [Project Committees 5 & 24]		114
	ACTION 1.	SOCWA staff recommends that the Board of Directors authorize the General Manager to enter into a contract with Michael Baker International, Inc. in the amount of Five Hundred Ninety-Eight Thousand Four Hundred Thirty-Seven Dollars (\$598,437.00) for the Plume Tracking Project; and	
	2.	SOCWA staff recommends that the Michael Baker International contract be allotted 25% to PC 5 Members in the amount of One Hundred, Forty-Nine Thousand, Six Hundred and Nine Dollars and Twenty-Five Cents (\$149,609.25) and 75% of the contract be allocated to PC 24 Members in the amount of Four Hundred and Forty-Eight Thousand, Eight Hundred Twenty-Seven and Seventy-Five Cents (\$448,827.75).	
<u>GE</u>	ENERAL MANA	AGER'S REPORTS	
A.	_	rita Water District (SMWD) / Moulton Niguel Water District (MNWD) e on Facility Operations Proposals	
	ACTION	Board Discussion/Direction and Action.	

7.

## Revised Agenda

			PAGE NO
В.	•	t Committee Agreement Revisionsf the Joint Powers Agreement / Future Direction for SOCWA	
	ACTION	Board Discussion/Direction and Action.	
C.	<ul><li>Updat</li><li>Updat</li><li>Updat</li><li>(Attac</li></ul>	nsel's Updates e on PC 2 Issues – (Attachments provided under separate cover) e on TCWD Agreement – Departure from SOCWA (Verbal update) e on IRWD Agreement – Capacity Transfer Agreement with ETWD chment provided) Revision Process (Standing item)	
	ACTION	Board Discussion/Direction and Action.	
D.	General Mana	ager's Status Report	116
	ACTION	Information Items, Board Discussion/Direction and Action.	
E.	Upcoming Me	eetings Schedule:	
	<ul><li>Janua</li><li>Janua</li><li>Janua</li></ul>	ry 5, 2023 – Board of Directors Regular Meeting ry 12, 2023 – Engineering Committee Meeting ry 17, 2023 – Finance Committee Meeting – <i>Canceled</i> ry 17, 2023 – PC Committee Meeting ary 2, 2023 – Board of Directors Regular Meeting	
	ACTION I	nformation Item.	
<u>OT</u>	HER MATTER	<u>RS</u>	

## 8.

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 FEBRUARY 2, 2023

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

## PROJECT COMMITTEE NO. 2 TELECONFERENCE MEETING

January 10, 2023

2:30 p.m.

## Join Zoom Meeting by clicking on the link below:

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

Meeting ID: 822 5864 4017 Passcode: 732973

One tap mobile +16699006833,,82258644017#,,,,\*732973# US (San Jose) +16694449171,,82258644017#,,,,\*732973# US

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

Find your local number: https://socwa.zoom.us/u/krKLTLO3N

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Project Committee 2 was called to be held by teleconference on January 10, 2023, at 2:30 p.m. SOCWA staff will be present and conducting the call at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

MEMBERS OF THE PUBLIC ARE INVITED TO PARTICIPATE IN THIS TELECONFERENCE MEETING AND MAY JOIN THE MEETING VIA THE TELECONFERENCE PHONE NUMBER AND ENTER THE ID CODE. THIS IS A PHONE CALL MEETING AND NOT A WEB-CAST MEETING SO PLEASE REFER TO AGENDA MATERIALS AS POSTED WITH THE AGENDA 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 PROJECT COMMITTEE 2 IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT THE PROJECT COMMITTEE 2 ARE AVAILABLE BY PHONE REQUEST MADE TO THE AUTHORITY ADMINISTRATIVE OFFICE AT 949-234-5452 OR BY SUBMITTING AN EMAIL TO DHIRSH@SOCWA.COM.

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 PROJECT COMMITTEE 2 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.

#### **A**GENDA

#### 1. Call Meeting to Order

#### 2. Public Comments

THOSE WISHING TO ADDRESS THE MEMBERS OF PROJECT COMMITTEE 2 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. PC 2 Matter:

This meeting is related to (1) the Action of a majority of PC 2 Agency Representatives to vote to end SOCWA's Operation of the J.B. Latham Plant (action taken on November 22, 2022 PC 2 Meeting); and (2) this meeting is related to the subsequent approval by the Board of Directors of SOCWA (action taken at the January 5, 2023 SOCWA Meeting) to Authorize Counsel to Prepare a Tolling Agreement whereby the Statute of Limitations re: Validation or other legal actions should be tolled for a period of 90 days to allow for the discussion of the matter between SOCWA and its member agencies including PC 2 representatives; and (3) due to the request of South Coast Water District that Project Committee 2 also vote separately in agreement to the tolling of the statute of limitations related to challenges to the PC Action, therefore, PC 2 is meeting to consider the proposal for a tolling agreement.

 Draft Agreement may be provided under separate cover or reviewed at the meeting with SOCWA Counsel.

**Recommended Action**: Board of Directors Discussion, Direction and Action on the above described matter.

## <u>Adjournment</u>

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the Project Committee 2 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 Project Committee 2 at the usual agenda posting location of the South Orange County Wastewater Authority and at <a href="https://www.socwa.com">www.socwa.com</a>.

Dated this 9th day of January 2023.

Betty Burnett, General Manager/Secretary South Orange County Wastewater Authority

B. Burnett

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

## ENGINEERING COMMITTEE TELECONFERENCE MEETING

January 12, 2023 8:30 a.m.

## Join Zoom Meeting by clicking on the link below:

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

Meeting ID: 893 1694 3632 Passcode: 965153

One tap mobile +16694449171,,89316943632#,,,,\*965153# US +16699006833,,89316943632#,,,,\*965153# US (San Jose)

> Dial by your location +1 669 444 9171 US +1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma) +1 346 248 7799 US (Houston) +1 719 359 4580 US +1 312 626 6799 US (Chicago)

Find your local number: https://socwa.zoom.us/u/kd5gAl72Hf

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 **January 12, 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.

3. Operations Report

**Recommended Action:** Information Item.

4. Electric Fleet Vehicles

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

5. <u>Historical Recycled Water Development and State Opportunities</u>

**Recommended Action:** Information Item.

6. PC 2 Flow Budgeting [Project Committee 2]

**Recommended Action:** Staff requests to work with MNWD and SMWD to identify a time window that will work for operations to accomplish this special study prior to February 15, 2023, for use in preparation of the FY 2023-24 budget.

7. <u>Capital Improvement Construction Projects Progress and Change Report (January)</u>
[Project Committees 2, 15 & 17]

**Recommended Action:** Staff recommends that the Engineering Committee approve the following Olsson Construction Change Order nos. 66 thru 69 for a total of \$95,220.25, with no additional days, and a revised contract value of \$18,583,464.49 for the JB Latham Package B Project.

8. JB Latham Treatment Plant Electrical System Upgrades Additional Design, Bidding and Engineering Service during Construction [Project Committee 2]

**Recommended Action:** Staff recommends that the Engineering Committee recommend 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.

9. <u>Contract Award for Aliso Creek Ocean Outfall Internal Seal Replacement Engineering</u> Services During Construction [Project Committee 24]

<u>Recommended Action</u>: Staff recommends that the Engineering Committee recommend to the PC 24 Board to 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.

10. <u>Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Proposal</u> [Project Committee 15]

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

11. Update on the Fiscal Year 2022/2023 Budget

**Recommended Action:** Information Item.

#### <u>Adjournment</u>

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

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

Dated this 6th day of January 2023.

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

# REGULAR MEETING OF THE BOARD OF DIRECTORS MUNICIPAL WATER DISTRICT OF ORANGE COUNTY 18700 Ward Street, Fountain Valley, California December 21, 2022, 8:30 a.m.

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

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

Telephone Audio: (669) 900 9128 fees may apply

(877) 853 5247 Toll-free

Webinar ID: 882 866 5300#

#### **AGENDA**

**MOMENT OF SILENCE** 

PLEDGE OF ALLEGIANCE

**ROLL CALL** 

#### **PUBLIC COMMENTS/PARTICIPATION**

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

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

#### ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

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

#### **NEXT RESOLUTION NO. 2130**

#### **CONSENT CALENDAR (Items 1 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)

#### 1. MINUTES

- a. November 2, 2022 Workshop Board Meeting
- b. November 16, 2022 Board Meeting

Recommendation: Approve as presented.

#### 2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: November 14, 2022
- b. Administration & Finance Committee Meeting: November 9, 2022
- c. Executive Committee Meeting: November 17, 2022

Recommendation: Receive and file as presented.

#### 3. TREASURER'S REPORTS

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

Recommendation: Ratify and approve as presented.

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

Recommendation: Receive and file as presented.

#### 4. FINANCIAL REPORT

a. Combined Financial Statements and Budget Comparative for the Period Ending October 31, 2022

Recommendation: Receive and file as presented.

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

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

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

reconsidered the circumstances of the state of

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

social distancing.

### 6. NOVEMBER 2022 ELECTION CERTIFICATES AND CERTIFICATE OF APPOINTMENT IN LIEU OF ELECTION

Recommendation: Receive and file Certificates of Election for Larry D. Dick

(Division 2) and Randall Crane (Division 5), and the Certificate of Appointment In Lieu of Election for Al

Nederhood (Division 1).

### 7. EXTENSION OF FEDERAL LEGISLATIVE ADVOCACY CONTRACT WITH NATIONAL RESOURCE RESULTS (NRR)

Recommendation: Extend the federal advocacy contract with Natural

Resource Results (NRR) for 2023.

### 8. EXTENSION OF STATE LEGISLATIVE ADVOCACY CONTRACT WITH BEST, BEST & KRIEGER

Recommendation: Extend the state advocacy contract with Best, Best &

Krieger (BB&K) for 2023.

### 9. PROFESSIONAL SERVICES CONTRACT AWARD FOR BREAKROOM/KITCHEN AND ATRIUM REMODEL

Recommendation: Authorize the General Manager to enter into a

professional services agreement with GTS Architecture, Inc. (GTS) to provide design and architectural services for remodeling of the MWDOC Administration Building Breakroom/Kitchen and Atrium, at a cost not to exceed \$59,895 plus 10% contingency for a total not to exceed

cost of \$65,885.

#### **End Consent Calendar**

#### **ACTION CALENDAR**

10-1	REORGANIZATION OF THE MWDOC BOARD	OF DIRECTORS;	<b>ELECTION</b>
	OF PRESIDENT AND VICE PRESIDENT	RES. NOS	_&

Recommendation: Nominate, and by Resolution(s), elect the President and

Vice President of the Board.

### 10-2 APPOINTMENT OF SECRETARY, TREASURER(S), AND LEGAL COUNSEL RES. NO.

Recommendation: Adopt Resolution(s) appointing the Board Secretary,

Treasurer, and Legal Counsel.

**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, DECEMBER 2022 (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.

#### **ADJOURNMENT**

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

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

Jointly with the

#### **PLANNING & OPERATIONS COMMITTEE**

January 3, 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 Crane

Staff: R. Hunter, J. Berg, V. Osborn, H. De La Torre, T. Dubuque,

D. Micalizzi, H. Baez, T. Baca

Ex Officio Member: Director Yoo Schneider

MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

#### **ROLL CALL**

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

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED -** Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

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

#### PRESENTATION ITEM

 MWDOC MEMBER AGENCY FACILITATED DISCUSSION PHASE II PRESENTATION

#### **ACTION ITEMS**

2. PROPOSED WUE RESEARCH ACTIVITIES

#### **DISCUSSION ITEMS**

3. UPDATE ON COVID-19 (ORAL REPORT)

**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.)

- 4. 2023 WATER POLICY DINNER SCHEDULE
- 5. MWDOC CHOICE SCHOOL PROGRAMS UPDATE
- 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.

#### WORKSHOP MEETING OF THE BOARD OF DIRECTORS WITH MET DIRECTORS MUNICIPAL WATER DISTRICT OF ORANGE COUNTY 18700 Ward Street, Board Room, Fountain Valley, California January 4, 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 <a href="http://www.mwdoc.com">http://www.mwdoc.com</a>.

**NEXT RESOLUTION NO. 2132** 

#### PRESENTATION/DISCUSSION ITEMS

1. PRESENTATION BY MWDOC STAFF REGARDING OUTLOOK OF UPCOMING MET ISSUES AND ACTIVITIES FOR 2023

Recommendation: Review and discuss the information presented.

### 2. OCWD & MWDOC AD HOC COMMITTEES ON GRAND JURY REPORT – REVISED DEAL POINTS FROM OCWD

Recommendation: Review and discuss the recent events and revisions to the Ad Hoc

Committees Deal Points, and take action as appropriate.

#### 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.

## 6. AUTHORIZE THE GENERAL MANAGER TO SUBMIT A LETTER ASKING FOR METROPOLITAN PARTNERSHIP IN SOUTH COAST WATER DISTRICT'S DOHENY DESALINATION PROJECT

Recommendation: Authorize the General Manager to send a letter to Metropolitan

Water District seeking their interest in a partnership with South Coast Water District on a future regional expansion phase of the Doheny Ocean Desalination Project and to facilitate supply

"exchanges" with other agencies in the Metropolitan service area

interested in participating in the project.

#### **INFORMATION ITEMS**

- 7. **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.

#### 8. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summary regarding December MET Board Meetings
- b. MET 4-Month Outlook on Upcoming Issues
- c. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

#### **ADJOURNMENT**

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

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

January 11, 2023, 9:00 a.m.

(or immediately following the Administration & Finance Committee meeting which commences at 8:30 a.m.)

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

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

https://zoom.us/j/8828665300

Telephone Audio: (669) 900 9128 fees may apply

(877) 853 5247 Toll-free

Webinar ID: 882 866 5300#

#### **AGENDA**

#### **ROLL CALL**

#### PUBLIC COMMENTS/PARTICIPATION

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

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

1. STATUS REPORT AND DISCUSSION REGARDING THE NEGOTIATIONS BETWEEN THE MWDOC AND OCWD AD HOC COMMITTEES ON THE GRAND JURY REPORT

Recommendation: Review, discuss, 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.

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

#### **ADMINISTRATION & FINANCE COMMITTEE**

January 11, 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#

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

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

Ex Officio Member: Director Yoo Schneider

MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

#### **ROLL CALL**

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

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED -** Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

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.

#### PROPOSED BOARD CONSENT CALENDAR ITEMS

- TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report December 2022
  - b. Disbursement Approval Report for the month of January 2023
  - c. Disbursement Ratification Report for the month of December 2022

- d. GM Approved Disbursement Report for the month of December 2022
- e. Consolidated Summary of Cash and Investment November 2022
- f. OPEB and Pension Trust Fund statements
- 2. FINANCIAL REPORT Combined Financial Statements and Budget Comparative for the Period Ending November 30, 2022

#### **ACTION ITEM**

- AUTHORIZE REVISIONS TO PERSONNEL MANUAL
- 4. PROFESSIONAL SERVICES CONTRACT AWARD FOR BREAKROOM/KITCHEN AND ATRIUM REMODEL
- 5. AUTHORIZE ATTENDANCE AT CSDA'S LEADERSHIP ACADEMY, FEBRUARY 26-MARCH 1, 2023, LA QUINTA, CA

#### **DISCUSSION ITEMS**

- FISCAL YEAR (FY) 2022-23 BUDGET YEAR-END PROJECTIONS & CONCEPTUAL FY 2023-24 BUDGET REVIEW
- RESERVE FUND POLICY UPDATE

**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 PROCUREMENT JUSTIFICATION WITH DOPUDJA & WELLS CONSULTING
- 9. DEPARTMENT ACTIVITIES REPORTS
  - a. Administration
  - b. Finance and Information Technology
- 10. MONTHLY WATER USAGE DATA, TIER 2 PROJECTION, AND WATER SUPPLY INFORMATION

#### **OTHER ITEMS**

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

#### **ADJOURNMENT**

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

includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

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.



Street Address: 18700 Ward Street Fountain Valley, California 92708

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Megan Yoo Schneider, P.E. President

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

> Al Nederhood Director

> > Larry D. Dick Director

Karl W. Seckel, P.E. Director

> Sat Tamaribuchi Director

Jeffrey M. Thomas Director

Robert J. Hunter General Manager

#### MEMBER AGENCIES

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

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

#### **ZOOM LINK:**

https://us06web.zoom.us/meeting/register/tZUvcOCgqDssH9wpAkqrhKEFYHPuYfvMd2wL

Meeting ID: 812 7986 0658

Passcode: 276972

Dial-in option: (669) 900-9128

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

#### DRAFT AGENDA

1. Opportunity to add and discuss items not already listed.
Page #/Lin
2. General Meeting Information/Discussion Items:
2-1. OC Water Reliability Study Update(Link
2-2. Update on Collaborative Deal Points in response to OC Grand Jury(Link
2-3. Water Supply Update( <u>Link</u>
2-4. WSAP Coordination & Process(Link
3. Announcements:
3-1. MWDOC Water Policy Dinner
4. Report Items
- Due to timing of the Meeting items below will be posted when available -
4-1. Draft Board Agendas(Link)
4-2. Monthly GM Report( <u>Link</u> )
4-3. Legislative Reports
4-4. WEROC Matrix ( <u>Link</u> ) 4-5. Grant Funding Opportunities
4-3. Grant running Opportunities(LIIIK)

Next meeting tentative scheduled for February 16

# REGULAR MEETING OF THE BOARD OF DIRECTORS MUNICIPAL WATER DISTRICT OF ORANGE COUNTY 18700 Ward Street, Fountain Valley, California January 18, 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.

#### **NEXT RESOLUTION NO. 2132**

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

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

#### 1. MINUTES

- a. December 7, 2022 Workshop Board Meeting
- b. December 21, 2022 Board Meeting

Recommendation: Approve as presented.

#### 2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: December 5, 2022
- b. Administration & Finance Committee Meeting: December 14, 2022
- c. Executive Committee Meeting: December 21, 2022

Recommendation: Receive and file as presented.

#### 3. TREASURER'S REPORTS

- a. MWDOC Revenue/Cash Receipt Register as of December 31, 2022
- b. Disbursement Registers (December/January)

Recommendation: Ratify and approve as presented.

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

Recommendation: Receive and file as presented.

#### 4. FINANCIAL REPORT

a. Combined Financial Statements and Budget Comparative for the Period Ending November 30, 2022

Recommendation: Receive and file as presented.

### 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.

#### 6. PROPOSED WUE RESEARCH ACTIVITIES

Recommendation: (1) Authorize a \$10,000 contribution to the California

Water Efficiency Partnership toward the development of

Water Use Efficiency Program Measurement & Verification Protocol, and (2) Authorize the General Manager to enter into a contract with Motor Vehicle Network in the amount of \$29,580 for a one-year pilot

Water Use Efficiency marketing campaign.

#### 7. AUTHORIZE REVISIONS TO PERSONNEL MANUAL

Recommendation: Approve revisions to the Personnel Manual, as

presented.

### 8. AUTHORIZE ATTENDANCE AT CSDA'S LEADERSHIP ACADEMY, FEBRUARY 26-MARCH 1, 2023, LA QUINTA, CA

Recommendation: Authorize attendance by Directors and such members of

District staff (as approved by the General Manager) at the

California Special Districts Association's (CSDA)

Leadership Academy to be held in La Quinta on February

26-March 1, 2023.

#### **End Consent Calendar**

#### **ACTION CALENDAR**

### 9-1 STANDING COMMITTEE AND AD HOC COMMITTEE APPOINTMENTS FOR 2023; SCHEDULE OF COMMITTEE MEETING DATES FOR 2023

Recommendation: (1) Ratify the list of Standing Committee and Ad Hoc

Committee Appointments as presented by the President

of the Board; and (2) ratify Committee meeting

dates/times for 2023.

#### 9-2 ASSOCIATION AND COMMISSION APPOINTMENTS FOR 2023

RES. NO.

Recommendation: (1) Ratify the appointment of Representatives and

Alternates to Associations as presented by the President of the Board; and (2) Adopt Resolution approving the appointment of one Representative and one Alternate to

the Santiago Aqueduct Commission (SAC), for

submission to SAC.

#### 9-3 CONSIDERATION OF APPOINTMENT OF MET DIRECTOR

RES. NO.

Recommendation: Adopt a Resolution appointing Director Karl Seckel as

representative for MWDOC to the Board of Directors of Metropolitan Water District of Southern California.

### 9-4 PROFESSIONAL SERVICES CONTRACT AWARD FOR BREAKROOM/KITCHEN AND ATRIUM REMODEL

Recommendation: Authorize the General Manager to enter into a

professional services agreement with GTS Architecture, Inc. (GTS) to provide design and architectural services for an Administration Building Breakroom/Kitchen and Atrium Remodel following the Committee recommendations, at a

not to exceed total cost of \$48,005.

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

#### 10. GENERAL MANAGER'S REPORT, JANUARY 2022 (ORAL AND WRITTEN)

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

#### 11. MWDOC GENERAL INFORMATION ITEMS

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

Recommendation: Receive and file as presented.

#### **ADJOURNMENT**

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

January 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 decision considerations.

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

MWDOC staff was asked to investigate and, if possible, include the likely benefits of Sites Reservoir on State Water Project supplies. Staff followed up with MET concerning the CALSIM modeling of the Sites Reservoir for the Sites Project Authority. MET indicated the Project Authority modeling requires significant refinement before it can be useful for reliability planning. MWDOC staff will include this work in next fiscal year's goals and budget for inclusion into the OC Study once the information is appropriately refined.

Additionally, forecast SWP supplies have been cross-checked against forecasts in the Delta Conveyance Project Draft EIR. Revised OC Study findings will be presented to the MWDOC Agencies Managers Meeting on January 12, 2023, followed by a presentation at P&O in February 2023.

#### 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:

- 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.

The next steps include the inclusion of feedback from the A&F meeting, meeting with SMWD to address any final concerns, and completing the web interface portion of the project 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 has now obtained the necessary environmental permitting for the 5 MGD project to move forward.

#### SAN JUAN BASIN AUTHORITY

The San Juan Basin Authority (SJBA) has been conducting a hydrogeology study of the San Juan Basin to understand better how groundwater flows through the lower portions of San Juan Basin under various conditions. How groundwater flows in the vicinity of Stonehill Drive is important due to potential impacts on pumping within the basin and may potentially influence pumping for the Doheny Desalination project.

A technical review panel consisting of three teams of hydrogeologists presented their preliminary findings at a special meeting on May 12, 2022. The presentation is available from the SJBA website: https://www.sjbauthority.com/meetings/meetings-2022.html (2022-05-12 SJBA Board Meeting TRP).

The preliminary findings are:

- The Basin behaves like two separate areas or 'buckets' that are connected by a bedrock ledge area in the vicinity of Stonehill Drive. The bedrock ledge operates similarly to a spillway, which, although not a boundary, somewhat restricts flows under normal groundwater conditions.
- 2. Groundwater flows through the bedrock ledge area (spillway) are greatly restricted between the upper and lower portions of the basin when groundwater levels are low. This occurs during dry or excessive pumping periods.
- Pumping on either side of the spillway (north or south) influences portions
  of the basin on the other side of the spillway. Without recharge and with
  continued pumping, groundwater levels at the divide could decline
  precipitously.
- 4. Saline intrusion in the basin result from seasonal or longer-term declines in freshwater recharge coupled with pumping. Pumping south of the spillway exacerbates saline intrusion more than pumping to the north. Pumping to the north contributes by restricting freshwater flow across the spillway.

The Technical Review Panel is continuing additional geologic and geophysical assessment of the area and additional monitoring of groundwater levels and flows across the spillway. The next SJBA meeting is scheduled for January 23, 2023.

#### **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 preparing to reline 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 will coincide with the above-noted OC Feeder shutdown work between Willits PCS and the Irvine Cross Feeder from January 3 – 31, 2023. The Contractor will engage four separate work crews to complete the work.

#### **Lake Mathews Facility Shutdown**

The 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 attended the State Lands Commission meeting on December 9, 2022, in Sacramento to support the Doheny Ocean Desalination Project.
- Charles Busslinger attended the December 14, 2022, Center for Demographic Research (CDR) Management Oversight Committee meeting. OC San has indicated they will not continue as a full sponsor for the upcoming 3-year CDR sponsorship cycle.
  - CDR continues to work with OC San and others to develop a solution to the funding shortfall.

- Charles Busslinger attended the Santiago Aqueduct Commission Quarterly meeting on December 15, 2022.
- Charles Busslinger coordinated and participated in a Santiago Lateral meeting on December 19, 2022, between MET, MWDOC, and OC agencies potentially affected by a proposed removal/replacement of valves upstream of OC-33/33A.
   The group worked through a number of operational issues, and MET will return with a proposed solution that will preserve the ability to accommodate/meter low flows through Santiago Lateral.

#### **EMERGENCY PREPAREDNESS**

#### **COVID-19 (CORONA VIRUS) COORDINATION**

 Orange County moved into a High-Level rate of Community Spread on 12/23/22.





#### FEDERAL PUBLIC HEALTH EMERGENCY

Remains in effect until January 11, 2023

#### CALIFORNIA STATE OF EMERGENCY UPDATE

Governor Newsom to end the COVID-19 State of Emergency 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.

#### **DECEMBER INCIDENTS/EVENTS (NON-COVID)**

No Significant Events in December

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

- Janine Schunk from WEROC was presented with the Helping Hands Award. On 12/1, Vicki, Dave, and Janine attended the monthly Orange County Emergency Management Organization (OCEMO) Meeting. In addition to monthly business, this was the end-of-year awards.
- On 12/1, the second call with the US Territory of Guam. Myself and Gary Sturvidian, the CalWARN VP, provided technical information on how CalWARN works and the EMAC process. Guam is looking to establish a mutual aid network similar to CalWarn.
- On 12/6, Vicki attended ISDOC Executive Meeting and provided the Operational Area update.

- On 12/6, Vicki attended the Diemer Full Scale Exercise After Action meeting and provided the objective outcomes for WEROC regarding coordination with MET during an incident in Orange County.
- On 12/6, WEROC conducted its monthly call with member agencies on COVID, Cyber, Supply Chain Issues, and upcoming training in 2023.
- On 12/8, Vicki attended the quarterly meeting with the Cal Fire Chiefs as the CESA State Board President.
- On 12/9, Vicki attended the WACO monthly meeting and provided the Operational Area Water/Wastewater Activity report.
- On 12/14, Vicki attended the State small water system and Domestic Wells SB 552 webinar.
- On 12/15, Vicki attended the CalOSHA board meeting on the Non-emergency COVID Standards.
- On 12/15, Vicki led the OCEMO leadership coordination meeting.
- On 12/16, Vicki attended the NWS Climate Update for 2023.
- On 12/16, Vicki conducted the CESA State Board meeting as the State President.
- On 12/20, Vicki attended the CalWarn Board meeting as the Region 1 Chair.
- On 12/20, Vicki participated in the CESA Emergency Management Certification Planning Meeting.

#### PLANNING AND PROGRAM EFFORTS

#### AlertOC

On 12/13, Janine conducted an AlertOC training for the member agencies.

#### Cyber Security

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

#### **Training and Exercises**

The 2023 first-quarter training schedule has been set and registered with the state. The course will include SEM/NIMS 100700 combined G611 EOC Section Series (Management, Operations, Planning, Logistics, and Finance), 800MHz Radio Training, and WEROC Recovery Training Part 2

Dave is coordinating with the agencies for participation in the May 2023 Operational Area Exercise.

Vicki developed a Cyber Security Hybrid Exercise (Tabletop with some function actions) for Santa Margarita Water District.

#### **WEROC Budget and Funding Agencies Meeting**

December marks when WEROC drafts its budget and end-of-year report by way of the Funding Agency Memo, which outlines the accomplishments for the past year and the

goals/objectives for the next FY. This information and an invite to the agencies were sent for a meeting on January 26th.

#### **WEROC Emergency Operations Center Project**

The 95% designs were received from the architect. The design phase will continue until completion. We are waiting for the 100% designs from the architect and will present them to the board at this time.

#### **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.

#### **WEROC Planning Documents Updated in December**

- WEROC EOC Planning "P" document
- WEROC Business Process Document for use in the EOC
- WEROC Initial EOC Staffing Checklist

#### MET ITEMS CRITICAL TO ORANGE COUNTY

#### MET FINANCE AND RATE ISSUES

Water Transactions for October 2022 totaled 161.6 thousand acre-feet (TAF), which was 7.9 TAF higher than the budget of 153.7 TAF and translates to \$150.0 million in revenues for October 2022, which was \$2.5 million higher than the budget of \$147.5 million.

Year-to-date water transactions through October 2022 were 601.6 TAF, which was 29.6 TAF higher than the budget of 572.0 TAF. Year-to-date water revenues through October 2022 were \$561.7 million, which was \$2.9 million higher than the budget of \$558.8 million.

Metropolitan's Treasury team worked with an external Investment Advisor to develop a reallocation strategy of Liquidity and Core Portfolio balances to meet district cash flow needs and enhance investment returns given changing market conditions. Implementation of this strategy is anticipated to begin in December 2022.

Metropolitan prudently manages funds' investment in accordance with policy guidelines and liquidity considerations. As of October 31, 2022, Metropolitan's investment portfolio balance was \$1.2 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 met multiple times with State Water Project-dependent area agencies to plan for 2023 and develop volumetric limits for SWP Table A, Human Health & Safety, and Water Surplus & Drought Management (WSDM) supplies. Overall, State Water Project use remains under the volumetric limits set in collaboration with the SWP-dependent area agencies.
- In a joint press release, more than 30 water agencies and providers across the West announced their commitment to take additional actions to protect the Colorado River system by reducing water demands. This commitment is made in an MOU that Metropolitan helped organize, including several agencies in Southern California, and was delivered to the Bureau of Reclamation Commissioner Camille Touton.
- On November 1, Metropolitan launched an increase in turf removal rebates of \$1 for CII, residential, and public agency consumers. The public agency rebate went from \$3 to \$4 per sq ft due to a \$2 million grant from the United States Bureau of Reclamation. The residential and CII rebate went from \$2 to \$3 per sq ft due to a separate \$2 million grant from the Department of Water Resources.

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:

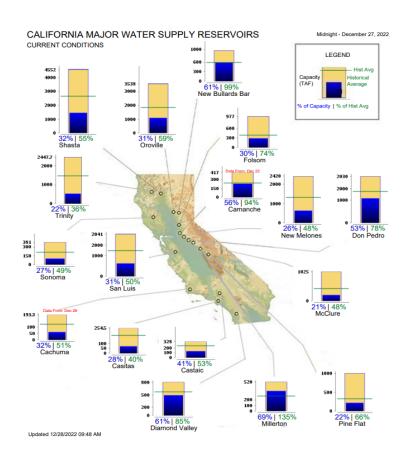
- Metropolitan is developing a district-wide Sustainability, Resiliency, and Innovation (SRI) Strategy through work across multiple groups within Metropolitan, including Engineering Services, which is assessing opportunities to incorporate sustainability measures into design, capital projects, and operations, is assisting with the review of options to pursue solar and renewable energy on Metropolitan property and has secured a consultant to help create an Infrastructure Resilience Strategic Plan.
- As part of the implementation of Metropolitan's Climate Action Plan, Operations assigned two lead Metropolitan staff to help advance the transition of Metropolitan's fleet to zero-emission vehicles and facilitate a Zero Emission Vehicle ZEV Task Force.
- In support of stormwater capture strategies, Metropolitan staff met with Anaheim to discuss their forthcoming State College Boulevard Stormwater Capture Project, which receives matching funds through Metropolitan's stormwater recharge pilot program. This innovative project will use an abandoned wastewater pipe and dry well field to divert and infiltrate stormwater.
- The Notice of Preparation comment deadline closed for Pure Water Southern California, and Metropolitan staff is reviewing public comments. Potential program manager consultants are being interviewed, and the RFP for the preliminary design of the Carson Lakewood pipelines is ready for distribution.

#### MET'S SUPPLY CONDITION UPDATE

The 2022-23 Water Year (2022-23 WY) officially started on October 1, 2022. Thus far, Northern California accumulated precipitation (8-Station Index) reported 15.7 inches or 92% of normal as of December 28th. The Northern Sierra Snow Water Equivalent was 11.5 inches on December 28th, which is 119% of the normal for that day. Due to historically low precipitation/snowfall from January to March 2022, the Department of Water Resources (DWR) has set the State Water Project (SWP) initial "Table A" allocation at 5%. This allocation provides Metropolitan with approximately 95,575 AF in SWP deliveries this water year. Additionally, Metropolitan received 134,000 AF for Human Health and Safety Supply in CY 2022. DWR's SWP Allocation considers several factors, including existing storage in SWP, conservation reservoirs, SWP operational, regulatory constraints, and the 2023 contractor demands.

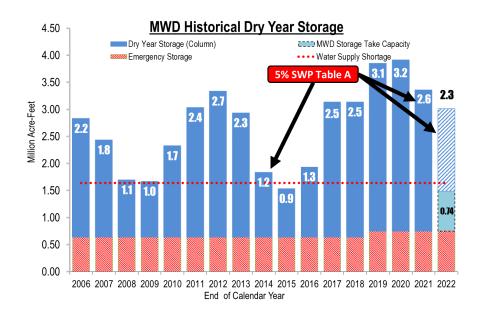
On the Colorado River system, the snowpack is measured across four states in the Upper Colorado River Basin. The Upper Colorado River Basin accumulated precipitation is reporting 7.1 inches or 92% of normal as of December 28th. The Upper Colorado River Basin Snow Water Equivalent reported 7.9 inches as of December 28th, which is 101% of normal for that day. Due to the below-average precipitation/snowfall in 2020-21 WY, the United States Bureau of Reclamation declared a shortage at Lake Mead starting January 1st, 2022. There is a 100% chance of the shortage continuing in 2023.

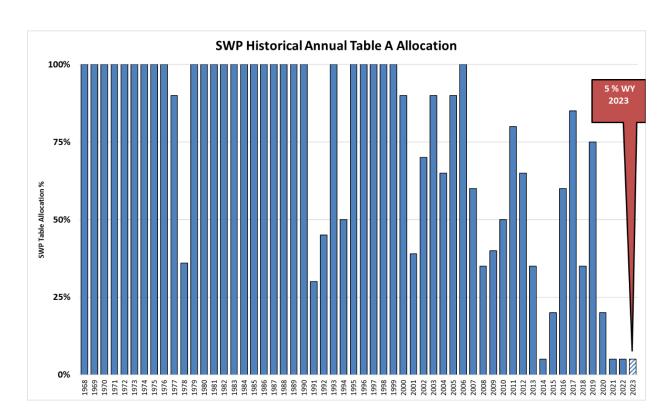
As of December 27th, Lake Oroville storage is at 31% of total capacity and 59% of normal. As of December 27th, San Luis Reservoir has a current volume of 31% of the reservoir's total capacity and is 50% of normal.



With CY 2022 estimated total demands and losses of 1.664 million acre-feet (MAF) and with a 5% SWP Table A Allocation, Metropolitan is projecting that demands will exceed supply levels in Calendar Year (CY) 2022. Based on this, Metropolitan's estimated dry-year storage at the end of **CY 2022 will go down to approximately 2.26 MAF.** 

A projected dry-year storage supply of 2.26 MAF would still be about 1.26 MAF above where MWD has historically declared a water supply allocation. A large factor in maintaining a high water storage level is lower than expected water demands. We are seeing regional water demands reaching a 38-year low. With a majority of MWD's water supplies stored in Lake Mead and the uncertainty of another dry year in California, there is potential for Water Supply Allocation in CY 2023.





#### 2022 WSDM Storage Detail

	1/1/2022	Net Projected	Projected	2022 Total
	Storage Levels	Storage Action	End of Year 2022	Storage
WSDM Storage		Put (+) / Take (-)	Balance 1	Capacity
Colorado River Aqueduct Delivery System	1,252,000	-53,000	1,199,000	1,657,000
Lake Mead ICS	1,252,000 <sup>2</sup>	-53,000	1,199,000	1,657,000
State Water Project System	636,000	-157,000	479,000	1,879,000
MWD SWP Carryover <sup>3</sup>	38,000	-23,000 4	15,000	350,000
DWCV SWP Carryover <sup>3</sup>				350,000
MWD Articles 14(b) and 12(e)	0	0	0	N/A
Castaic and Perris DWR Flex Storage	49,000	-46,000 3	3,000	219,000
Arvin Edison Storage Program	136,000	-17,000 <sup>6</sup>	119,000	350,000
Semitropic Storage Program	218,000	-51,000 <sup>7</sup>	167,000	350,000
Kern Delta Storage Program	149,000	-20,000	129,000	250,000
Mojave Storage Program	19,000	0	19,000	330,000
AVEK Storage Program	27,000	0	27,000	30,000
In-Region Supplies and WSDM Actions	795,000	-101,000	694,000	1,246,000
Diamond Valley Lake	600,000	-109,000	491,000	810,000
Lake Mathews and Lake Skinner	179,000	17,000	196,000	226,000
Conjunctive Use Programs (CUP) 8	16,000	-9,000	7,000	210,000
Other Programs	674,000	-11,000	663,000	1,181,000
Other Emergency Storage	381,000	0	381,000	381,000
DWCV Advanced Delivery Account	293,000	-11,000	282,000	800,000
Total	3,357,000	-322,000	3,035,000	5,963,000
Emergency	750,000	0	750,000	750,000
Total WSDM Storage (AF) 9	2,607,000	-322,000	2,285,000	5,213,000

Preliminary end of year balances, subject to DWR adjustments and USBR final accounting in May 2023.

#### **MET'S WATER QUALITY UPDATE**

#### **Water System Operations**

Metropolitan member agency water deliveries were 107,900 acre-feet (AF) for November, with an average of 3,600 AF per day, which was 1,0460 AF per day lower than in October. Treated water deliveries decreased by 18,290 AF from October for a

Reflects USBR's final accounting for 2021, released in May 2022. This amount is net of the water Metropolitan stored for IID in Lake Mead in an ICS sub-account.

<sup>3</sup> Total storage capacity varies year to year based on prior year remaining balance added to current year contractual limits.

<sup>&</sup>lt;sup>4</sup> Net storage action of withdrawing 38,000 AF from carryover and adding/repositioning 15,000 AF of previously banked groundwater into carryover storage.

Available for withdrawal from Castaic Lake in 2022 pursuant to an MWD-DWR agreement.

<sup>6</sup> Take amounts dependent on exchange capabilities.

Includes leasing 5,000 AF of return capacity from SDCWA. This provides Metropolitan the ability to withdraw more of its groundwater stored in the program.

<sup>8</sup> Total of all CUP programs including IEUA/TVMWD (Chino Basin); Long Beach (Central Basin); Long Beach (Lakewood); Foothill (Raymond and Monk Hill); MWDOC (Orange County Basin); Three Valleys (Live Oak); Three Valleys (Upper Claremont); and Western.

<sup>9</sup> Total WSDM Storage level subject to change based on accounting adjustments.

total of 47,200 AF or 44 percent of total deliveries for the month. The Colorado River Aqueduct (CRA) continued operating at an eight-pump flow with a total of about 103,000 AF pumped for the month. State Water Project (SWP) imports averaged 1,020 AF per day, totaling approximately 30,600 AF per month, accounting for roughly 28 percent of Metropolitan's deliveries. The target SWP blend remained at zero percent for the Weymouth, Diemer, and Skinner plants.

#### **Water Treatment and Distribution**

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

Metropolitan staff performed maintenance and cleaning of a basin at the Diemer plant. This work included cleaning the flocculator and clarifier equipment, annual lubrication of the equipment, repairs of the clarifier rake arm extensions, and adjustments of the flocculator chain and sprockets. In addition, routine basin cleaning helps control algae growth within the basin that can potentially cause adverse taste and odors in the treated water.

The Chemical Unloading Facility (CUF) in Riverside is a critical facility used to help distribute chemicals to Metropolitan's water treatment plants. The primary function of CUF is to receive bulk shipments of treatment chemicals by 90-ton railcars and transfer chemicals to 17-ton semi-truck trailers. The trailers are then transported to the treatment plants. Because of a potential impending national railroad strike due to labor disputes, Metropolitan staff has been working diligently to maintain extra quantities of chemicals to ensure the reliability of Metropolitan's treatment plants.

Because of a shutdown of raw water pipelines south of Lake Skinner, the flow into Lake Skinner from the San Diego Canal was reduced to a very low level. The sample pump, typically submerged into water, was above the current low level. Metropolitan staff extended the pump cord length, which allows water samples to be pumped to online water quality instruments that provide real-time monitoring in the San Diego Canal.

#### **Source Water Quality**

On November 2, Metropolitan staff participated in the quarterly stakeholder meeting on perchlorate cleanup at the former Tronox site in Henderson, Nevada. The Nevada Environmental Response Trust reviewed the remedial program status, which includes the completion of remedial investigation and risk assessment reports for the Operable Units that represent the most significant source of perchlorate contamination at the site. Metropolitan staff continues to monitor the overall development of the long-term remedial plan and distribution of the Trust's funds for site cleanup to ensure continued protection of Colorado River water quality.

On November 9, Metropolitan staff participated in a two-day stakeholder meeting for the Topock Chromium-6 Groundwater Remediation Project in Lake Havasu City, Arizona. Pacific Gas & Electric provided updates on project activities, including a soil removal action expected to be completed in May 2023 and the groundwater remedy construction. Construction of the groundwater remediation facility has experienced delays due to storm and supply chain impacts. It is expected to be completed in 2026, followed by long-term operation and maintenance of the system.

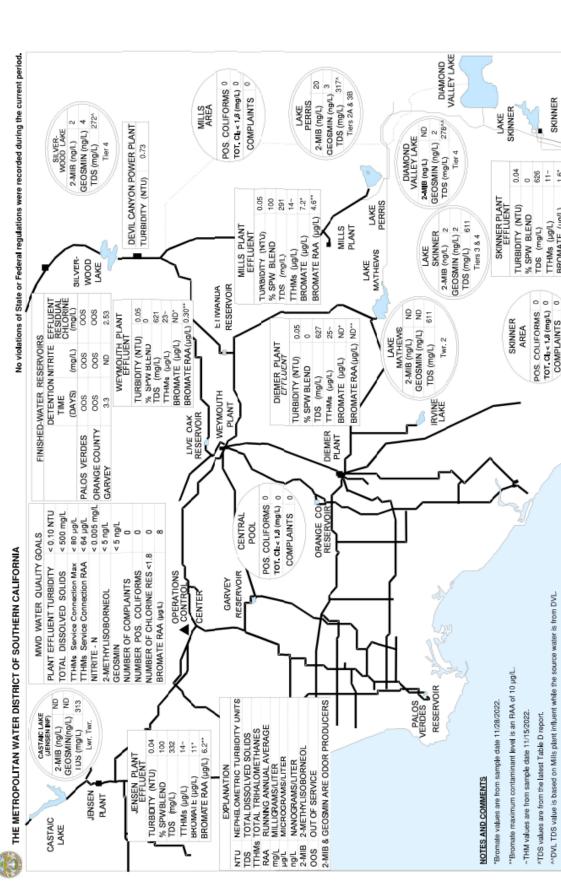
#### **Future Legislation and Regulation**

On November 7, Metropolitan staff submitted comments on the Environmental Protection Agency's (EPA) proposed listing of perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS) as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). Metropolitan staff's comments centered around the fact that the ruling would significantly increase the potential liability under CERCLA for water utilities for PFOA and PFOS in treatment residuals—and that EPA must take specific actions to alleviate this potential liability. Metropolitan staff also worked with ACWA, AMWA, AWWA, and WUWC on their comment letters. If this rule is promulgated, EPA anticipates proposing rulemaking designating other PFAS chemicals as CERCLA hazardous substances. Metropolitan staff will continue to engage on this issue to protect Metropolitan's interests.

On November 3, Metropolitan staff attended a State Water Resources Control Board (SWRCB) workshop on the development of revisions to the Detection Limits for Purposes of Reporting (DLRs) for metals in drinking water (antimony, arsenic, beryllium, cadmium, lead, mercury, nickel, and thallium) and new DLRs for iron, manganese, and zinc. DLRs are the minimum levels at which the detection of regulated contaminants must be reported to the Division of Drinking Water. The formal rulemaking process for the metal DLRs regulation is anticipated to begin later this year.

On November 3, Metropolitan staff attended the fourth National Drinking Water Advisory Committee Microbial and Disinfection Byproducts (MDBP) Rules Revision Working Group on potential revisions to the MDBP regulations. The meeting addressed interdependencies across the Surface Water Treatment Rules and Disinfectants and Disinfection Byproduct Rules related to drinking water. Metropolitan staff will continue tracking all these regulations-related activities and engage with regulatory agencies and industry advocacy groups as the revision process progresses.

Wednesday, December 7, 2022



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

BROMATE RAA (µg/L) 1.0\*\*

BROMATE (µg/L)

TTHMs (µg/L)

TOT, Cl<sub>2</sub> < 1.8 (mg/L)

COMPLAINTS

SKINNER PLANT

"DVL TDS value is based on Mills plant influent while the source water is from DVL.

'TDS values are from the latest Table D report.

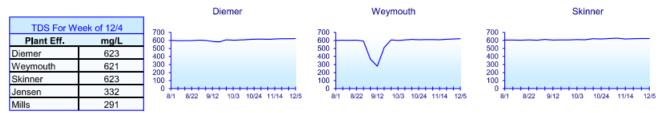
MWD water quality goals meet or exceed all State and Federal regulations

#### Water Quality Section Weekly TDS Report

#### For the week of 12/4/2022

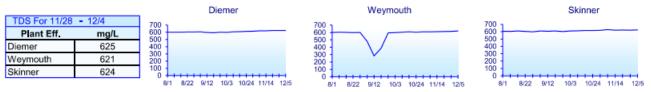
Percent SPW Needed to Achieve TDS Goal of 500 mg/L				Estimated TDS for Reservoirs		
Source Water TDS			SPW Required	Reservoir (Effluent) Date		mg/L
Plant	CRW	SPW	Percent	Lake Havasu (Table D)	8/3/22	591
Weymouth	611	278	33%	Lake Mathews (DFPI-LWRFDR)	12/5/22	611
Diemer	611	278	33%	Lake Skinner (Outlet Structure)	12/5/22	611
Skinner-Silverwood	606	278	32%	Castaic Lake (JFPI)	12/4/22	313
Skinner-Perris	606	317	37%	DVL (Mills Inf)	12/4/22	278
CRW for Diemer and Weymouth is Lake Mathews and San Jacinto - West Portal for Skinner.			Lake Perris (Table D)	8/1/22	317	
				DVL Outlet (Table D)	8/8/22	277

#### SUNDAY COMPOSITE ESTIMATED TDS FOR 07/31/22 - 12/04/22



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 07/31/22 - 12/04/22



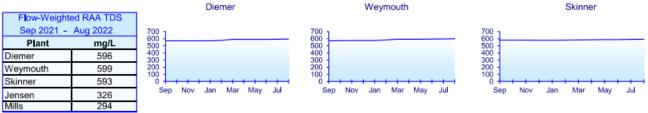
Weekly composite estimated TDS measured from plant effluent composite samples collected Monday through Sunday and analyzed for hardness and electrical conductivity.

#### MONTHLY COMPOSITE CALCULATED TDS FOR September 2021 - August 2022



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 September 2021 - August 2022



easonal 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**

#### Metropolitan Partners with PVID and Bard to Submit Conservation Proposals

On November 21, Metropolitan, Palo Verde Irrigation District (PVID), and Bard Water District submitted joint proposals for funding under the Inflation Reduction Act. Under the proposals, the additional capacity available under the Metropolitan-PVID fallowing program and the capacity in the Bard seasonal fallowing program would be available for conserving additional water in Lake Mead. The Bureau of Reclamation would fund that additional fallowing under the Inflation Reduction Act. As a landowner in PVID, Metropolitan would also fallow a portion of its land for additional system conservation. These actions are part of California's efforts to conserve 400,000 acre-feet of water through 2026. Reclamation is evaluating all the proposals it receives, and if accepted, the proposals would be refined into agreements that would be taken to Metropolitan's Board for consideration, likely in early 2023. Metropolitan staff is also developing scoping comments for the Supplemental Environmental Impact Report, which looks at new shortage criteria for the Colorado River Basin. Scoping comments are due December 21, 2022.

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

#### **Delta Conveyance**

The California Department of Water Resources (DWR) released the public Draft Environmental Impact Report (EIR) under the California Environmental Quality Act for the Delta Conveyance Project on July 27, 2022. The Draft EIR describes project alternatives and potential environmental impacts and identifies mitigation measures to help avoid or minimize potentially significant impacts. The public review and comment period for the Draft EIR was extended from October 27 to December 16, 2022.

The U.S. Army Corps of Engineers, as part of its permitting review under the Clean Water Act and Rivers and Harbors Act, is preparing an Environmental Impact Statement (EIS) to comply with the National Environmental Policy Act and is planning to release a draft EIS for public review later this year.

#### **Joint Powers Authorities**

During a Special Board of Directors meeting on November 17, the Delta Conveyance Design and Construction Authority Board of Directors approved extending a resolution authorizing virtual Board and Committee meetings pursuant to AB 361.

At the regularly scheduled Delta Conveyance Finance Authority (DCFA) meeting on November 17, the DCFA approved a resolution to continue remote teleconference meetings and approved contracting with Brian G. Thomas Consulting, LLC for Executive Director services effective January 1, 2023, through December 31, 2023.

#### Sites Reservoir

At their November meetings, the Sites Project Authority Board and the Sites Reservoir Committee adopted the Final Guiding Principles and Preliminary Terms as supporting materials for the Water Infrastructure Finance Innovation Act (WIFIA) loan application. This document will serve as the foundation and guiding document for drafting the contract between the Sites Authority and participants, which needs to get underway in January 2023 to establish the contract by fall 2023 before initiation of Sites Reservoir Project financing. This guiding document is used to inform the development of similar contracts for state and federal participation. However, these contracts will be slightly different because of the unique nature of the enabling legislation associated with state and federal funding. The document will also guide the basic mechanics for allocating benefits and costs, collecting payments, and remedying defaults through the contract, which needs to be established before getting further into the WIFIA loan application process. The adoption of this document is not a commitment of any or all participants to any requirement in the final contract. Metropolitan will continue to have further opportunities to address concerns, including translating this final document into contract language.

#### **Science Activities**

Metropolitan staff worked with researchers from UC Davis to initiate the Delta Smelt Pilot Propagation study. The study uses the impoundments on Metropolitan's Delta Island properties to evaluate their use to aid the state and federal agencies' efforts to propagate hatchery Delta smelt in the wild. This initial study is one of several planned that is being conducted with the support of DWR, California Department of Fish and Wildlife, USFWS, and local stakeholders.

Metropolitan staff continued participating in the Collaborative Science and Adaptive Management Program, including participation on the Collaborative Adaptive Management Team (CAMT). In November, Metropolitan staff participated in the review of the recently published Delta smelt Fall Occupancy Study written by Dr. Noble Hendrix and co-authors. The manuscript is a product of CAMT's efforts to evaluate one of the priority areas of uncertainty regarding the effect of flow in the fall on the distribution of Delta smelt. The study's results suggest that salinity at a regional level is a better predictor of the distribution than the historical use of Fall X2. In addition, the results found that water clarity may be affecting the survey data because Delta smelt can detect and avoid the survey gear under clearer conditions. The study results suggest that further scrutiny needs to be given to using Fall X2 and turbidity to determine and manage the Delta smelt distribution.

Metropolitan staff gave a presentation on the Reorienting to Salmonid Recovery project to the Imported Water Committee in November, including a review of the project goals and progress to date. Metropolitan staff is working with the Project Planning team to plan a series of workshops in December 2022 to discuss how to translate social,

economic, and cultural values related to salmonids into metrics that can be quantified to help identify recovery scenarios that best meet all values.

#### **Delta Island Activities**

On November 15, the second public workshop for the Delta Island Adaptations Project was held in Walnut Grove. The purpose of this workshop was to receive public input on proposed land use changes for Bouldin Island. Public comments were received from about 60-65 participants, including various stakeholders, public agencies, nongovernmental organizations, tribal community representatives, and other interested parties. This project phase looks at landscape opportunities to stop land subsidence, reduce greenhouse gas emissions, provide for sustainable agriculture, promote habitat restoration, and build collaboration for community science, agriculture, and ecoculture education through land use opportunities. The Project Team will assess the responses from the public over the next several weeks, including the preferences provided through exit surveys and documented input from the breakout exercise. Future reports will inform the Board of input received and the effort's progress.

#### **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. Metropolitan staff is working with the State Water Contractors to prepare and provide comments

#### PUBLIC/GOVERNMENT AFFAIRS

#### **COMMUNITY AND MEMBER AGENCY RELATIONS**

#### **Public Affairs Staff:**

- Prepared and distributed the December issue of eCurrents: https://conta.cc/3PdDXEo
  - Sent to 10,377 recipients
  - Open rate: 55.4% (5,613 opens)
    - Industry average of 22%

#### **Government Affairs Staff:**

- Circulated the monthly Grants Tracking and Acquisition Report to member agencies
- Made updates to the grants distribution and project list

#### **EDUCATION**

#### **Public Affairs Staff**

- Attended the MWDOC K-2 Choice School Program session at RH Dana Elementary School
- Attended the 6th-grade session at Shorecliffs Middle School offered by MWDOC's 3-12 Choice School Program contractor, Orange County Department of Education's Inside the Outdoors
- Provided information regarding the MWDOC K-12 Choice School Programs to the City of Santa Ana, City of Anaheim, South Coast Water District, and El Toro Water District
- Met with Orange County Department of Education's Inside the Outdoors team to discuss the 3-5, 6-8, and 9-12 program progress and outreach
- Provided 2023 Water Awareness Poster Contest flyer and accompanying Graband-Go activity to MWDOC K-12 Choice School Program contractors for distribution
- Participated in San Bernardino Community College District's (SBCCD) Water Supply Technology Advisory Committee meeting
- Provided a letter of support for SBCCD's proposed Baccalaureate Degree Program from the Water Energy Education Alliance

#### MEDIA OUTREACH AND DISTRIBUTION

#### **Public Affairs Staff**

- Prepared and distributed content for social media
- Prepared and distributed Press Release announcing the new Director
- Distributed weekly news digests to MWDOC managers and Board

- Distributed weekly Association of Metropolitan Water Agencies (AMWA) Monday briefings for member agencies
- Prepared and submitted the following article to the Association of California Water Agencies News:
- MWDOC Provides 5 Key Benefits of Cultivating a Water-Smart Garden

#### **SPECIAL PROJECTS**

#### **Public Affairs Staff:**

- Responded to MWDOC department requests for website information and published website updates
- Prepared and distributed the Save the Date for the MWDOC Water Policy Forum
   & Dinner on February 9, 2023, featuring Adán Ortega
- Began coordinating a Colorado River Aqueduct inspection trip with Directors Erdman from MWDOC and Smith from San Diego County Water Authority
- Updated MWDOC website with Division 5 Director Dr. Randall Crane's information
- Met with California Environmental Education Foundation to discuss tactics for distributing the Water Energy Education Alliance career brochures
- Met with Good Green Work to discuss strategies for collecting labor market data to inform a statewide Roadmap to Green and Blue careers
- Attended The Metropolitan Water District of Southern California's Public Information Officers meeting
- Participated at a California Association of Public Information Officials and Association of California Water Agencies webinar on demystifying communications strategies for diverse communities
- Met with the Water Replenishment District, PERC Water Corporation, Los Angeles Department of Water and Power, and California Environmental Education Foundation to discuss a potential panel for an upcoming Water Energy Education Alliance Roundtable meeting

#### **Governmental Affairs Staff:**

- Attended sessions at the ACWA Fall Conference in Indian Wells, including the Federal Forum, water supply strategies, and water use efficiency
- Coordinated with the December WACO speaker, collecting information for the script and slide deck
- Staffed the ISDOC Executive Committee meeting
- Along with Harvey De La Torre, I met with OC LAFCO Executive Director, Carolyn Emery
- Staffed the WACO meeting featuring guest speaker, John Shamma
- Attended the Colorado River Water Users Association (CRWUA) conference in Las Vegas
- Provided input and feedback to the new ISDOC President on upcoming agenda items

• Staffed the WACO Planning Committee meeting

#### **LEGISLATIVE AFFAIRS**

#### **Governmental Affairs Staff:**

- Attended the ACWA Federal Affairs Committee meeting
- Provided feedback to Metropolitan staff on their annual legislative priorities update

#### WATER USE EFFICIENCY

# SB60 HEARING PRESENTATION AT METROPOLITAN PLANNING AND STEWARDSHIP COMMITTEE MEETING

On December 12, Rachel Davis gave a brief presentation on MWDOC's Distribution System Leak Detection Program to the Metropolitan Water District Planning and Stewardship Board Committee. The presentation was given at the request of Metropolitan staff, who wanted to feature the MWDOC program as a new and innovative achievement in Water Use Efficiency. The presentation highlighted the high participation level across Orange County, the number of leaks found, and the water and cost savings associated with finding and repairing the leaks.

#### **ANNUAL WATER AUDIT VALIDATIONS**

On December 13 and 15, Rachel D. met separately via Zoom with Mesa Water and the City of San Clemente to validate each agency's AWWA Water Audit Results. Each water retailer in California is required to submit annually a validated water audit to the Department of Water Resources. MWDOC has been offering Water Audit Validations to Orange County agencies, via a consultant, through the Water Loss Control Technical Assistance Program. This is the first year the services were offered through the Water Loss Control Shared Services Program and performed by MWDOC staff. During the validation meeting, the audit inputs and supporting documentation were examined, any necessary corrections were made, key performance indicators were considered, and water loss control strategies were discussed. In total, MWDOC staff performed 25 water audit validations in 2022.

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

On December 13, 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 January 10.

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

On December 15, Rachel, Joe Berg, Beth Fahl, Sam Fetter, Tina Fann, and Crystal Castro hosted the Orange County Landscape PAC. The PAC collaborates on and reviews potential changes to MWDOC's landscape programs. Attendees included Irvine Ranch Water District

staff, Moulton Niguel Water District, Santa Margarita Water District, and City of San Clemente. Topics on the agenda included:

- Meeting Kickoff
- Training Announcement
  - Inspection Training
  - Droplet Training
- Progress Report: Trees as a Storm Water Capture Feature
- Future PAC Topics
  - LDAP New Features
  - Turf Program Refinements
  - o Residential Drip Program Refinements
  - Focus for Future Grant Funding
  - o Turf and Drip Programs Guides
  - o Other

The next meeting is scheduled for January 12.

# PROPOSITION 1 ROUND 2 SOUTH OC INTEGRATED REGIONAL WATER MANAGEMENT (IRWM) GRANT APPLICATION MEETINGS

On December 21 and January 4, Rachel W. joined the Proposition 1 Round 2 South OC IRWM Grant application meetings hosted by the County of Orange and attended by grant project proponents. MWDOC is recommended to receive \$750,166 for the South Orange County Water Use Efficiency Program Phase II. These meetings aim to work with County staff to prepare the final application package submitted to DWR.

The next meeting is scheduled for January 19.

# METROPOLITAN WATER USE EFFICIENCY (WUE) PROGRAM ADVISORY COMMITTEE (PAC)

On January 4, Rachel W. joined the Metropolitan WUE PAC, hosted by Metropolitan and attended by staff from Metropolitan, their member agencies, and other retail providers. Topics on the agenda included:

- Discussion on reaching underserved communities
- Consideration of trees as qualifying Turf Program features (presented by MWDOC)
- Dipper Wells
- Graywater systems
- Devices/technologies roundtable.

The next meeting is scheduled for April 5.

# AGENDA JOINT PLANNING COMMITTEE WITH BOARD OF DIRECTORS\* MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AND ORANGE COUNTY WATER DISTRICT

January 25, 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 and OCWD 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#

\* The meeting of the Joint Planning Committee will be conducted simultaneously with meetings of both Boards of Directors in order to allow all Board members to participate in the discussions and to ensure compliance with the Brown Act. Directors receive no additional compensation or stipend as a result of simultaneously convening this Board of Directors meetings. Items recommended for approval at this meeting will be placed on a future Board Agenda for approval by one or both agencies, as determined by the Committee.

**PUBLIC COMMENTS -** At this time, members of the public will be given an opportunity to address the Committee and the Boards concerning items within the subject matter jurisdiction of either Board. Members of the public may also address the Committee about a particular Agenda item at the time it is considered and before action is taken. The Committee requests, but does not require, that members of the public who want to address the Committee or the Boards 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 there is a need to take immediate action on item(s) and that the need for action came to the attention of the Districts subsequent to the posting of the Agenda. (Requires a two-thirds vote of those present, or a unanimous vote if less than two-thirds are present.)

#### ITEMS DISTRIBUTED TO THE COMMITTEE 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 Committee less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the Districts' 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 each of the District's Internet Web site, accessible at <a href="https://www.ocwd.com">www.mwdoc.com</a>.

- 1. MWD Staff presentation on Bay-Delta Operations & impacts to SWP Table A Allocations
- 2. Imported water supply update.
- 3. Status of OCWD groundwater basin.
- 4. Discussion on the Orange County Grand Jury Report and consideration to schedule a future joint board retreat.
- 5. Summary of recent Building Management Committee meeting.
- 6. Any future agenda items.
- 7. 2023 meetings, April 26, July 26, October 25.

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 Janice Durant, OCWD District Secretary at 714/378-3233, or Maribeth Goldsby, MWDOC Board Secretary, at (714) 963-3058, or writing to Orange County Water District at P.O. Box 8300, Fountain Valley, CA, 92728, or 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.



LOCAL AGENCY FORMATION COMMISSION OF ORANGE COUNTY

#### **REGULAR MEETING AGENDA**

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

County Administrative North (CAN)
First Floor Multipurpose Room 101
400 W. Civic Center Drive, Santa Ana, CA 92701

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

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

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

#### 6. CONSENT CALENDAR

- a.) December 14, 2022 Regular Commission Meeting Minutes

  The Commission will consider approval of the December 14, 2022 meeting minutes.
- b.) Fiscal Year 2022-23 Quarterly Financial Report (Second Quarter)
  The Commission will receive the second quarter financial report for the Fiscal Year 2022-23.

#### c.) Quarterly Legislative Report

The Commission will receive the second quarter legislative report of the 2022-2023 Legislative Session.

#### d.) Appointment Processes for OC LAFCO Expiring Term and Vacancies

The Commission will receive an update on the appointment processes for the county and city members seats that have an expiring term or are currently vacant.

#### 7. PUBLIC HEARING

No public hearing items scheduled.

#### 8. COMMISSION DISCUSSION AND ACTION

#### a.) OC LAFCO 2022-2025 Workplan Mid-Year Update

The Commission will receive a mid-year update on the agency's projects and activities.

## b.) OC LAFCO Professional Services Agreements Update and First Amendment to Agreement with Berkson and Associates

The Commission will receive the annual update on the current professional services agreements and consider an amendment to the agreement with Berkson Associates for continued development and technical support with the Fiscal Indicators program and MSRs.

# c.) Adoption of a Resolution Approving the Third Amendment to Memorandum of Agreement for the Position of Executive Officer with Carolyn Emery

The Commission will consider adopting a resolution approving the Third Amendment to Memorandum of Agreement for the Position of Executive Officer.

#### d.) Election of OC LAFCO Officers for 2023

The Commission will elect an OC LAFCO Chair and Vice Chair for 2023.

#### 9. COMMISSIONER COMMENTS

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

#### 10. EXECUTIVE OFFICER'S REPORT

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

#### 11. INFORMATIONAL ITEMS & ANNOUNCEMENTS

No informational items and announcements.

#### 12. CLOSED SESSION

No closed session items scheduled.

#### 13. ADJOURNMENT OF REGULAR COMMISSION MEETING

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

#### **PUBLIC PARTICIPATION:**

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

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

Pursuant to Government Code Section 54957.5, public records that relate to open session agenda items that are distributed to a majority of the Commission less than seventy-two (72) hours prior to the meeting will be made available to the public on the OC LAFCO website at <a href="https://www.oclafco.org">www.oclafco.org</a>.

State law requires that a participant in an OC LAFCO proceeding who has a financial interest in a decision and who has made a campaign contribution of more than \$250 to any commissioner in the past year must disclose the contribution. If you are affected, please notify the Commission's staff before the hearing.

#### **AMERICANS WITH DISABILITIES ACT (ADA)**

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

#### **2023 MEETING AND EVENTS CALENDAR**

Approved November 9, 2022

2023



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OC LAFCO Regular Meeting (begins at 8:15 a.m.)

Location: County Administrative North, First Floor Multipurpose Room 101, 400 W. Civic Center Dr., Santa Ana, CA 92701.

Office closure due to legal holidays and flexible work schedule.

CALAFCO Annual Conference - October 18 - 20, 2023 at Hyatt Regency Monterey.



#### **Executive Committee Meeting**

Tuesday, January 3, 2023

#### **Mailing Address**

P.O. Box 20895 Fountain Valley, CA 92728 7:30 a.m.

The next meeting of the ISDOC Executive Committee will be via teleconference only.

The MWDOC/OCWD offices are closed to the public. Please use the information below to access the

#### **Meeting Location**

MWDOC/OCWD 18700 Ward Street Fountain Valley, CA 92708

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

https://isdoc.specialdistrict.org/

#### **Executive Committee**

President Hon. Greg Mills Serrano Water District

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

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

#### 3<sup>rd</sup> Vice President

Vacant

#### Secretary Vacant

Treasurer Hon. Saundra Jacobs Santa Margarita Water District

Immediate Past President Hon. Mark Monin El Toro Water District

#### **Staff Administration**

#### **Heather Baez**

Municipal Water District of Orange County

#### Tina Dubuque

Municipal Water District of Orange County Join Zoom Meeting

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 December 6, 2022 Minutes
- III. Public Comments on items not on the agenda- 7:40 am
- IV. New Business 7:45 am
  - Special Appointment Process Secretary and 3<sup>rd</sup> V.P.
  - OA Board Appointment
- V. Old Business 8:00 am
  - Website Updates 3<sup>rd</sup> V.P. Responsibility
- 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



#### **ISDOC Executive Committee (Virtual Meeting via Zoom)**

December 6, 2022

#### Minutes

#### I. Welcome

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

Mark Monin, President (ETWD)

Arlene Schafer, 1st Vice President (CMSD) - Absent

Bob McVicker, 2<sup>nd</sup> Vice President (MWDOC)

Brooke Jones, 3<sup>rd</sup> Vice President (YLWD)

Greg Mills, Secretary (SWD)

Bill Green, Treasurer (SCWD)

Saundra Jacobs, Immediate Past President (SMWD)

#### Others Present:

Heather Baez (MWDOC)

Tina Dubuque (MWDOC)

Stacy Taylor (Mesa WD)

Laura Heflin (Serrano WD)

Jim Fisler (Mesa WD)

Vicki Osborn (WEROC)

Stephen Faessel (City of Anaheim)

Paul Mesmer (Surfside Colony Community)

Jim Fisler (Mesa WD)

Mike Scheafer (CMSD)

Dave Anderson (WEROC)

Chris Palmer (CSDA)

Deanna Rey (KYA Services)

Michelle Fox (KYA Services)

Larry Dick (MWDOC)

Kay Havens (ETWD)

John Withers (IRWD)

Jerry Legg (Five Star Bank)

#### II. Minutes

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

#### III. Public Comments

None.

#### IV. New Business

- President Monin asked Deanna Rey of The KYA Group to introduce herself. Following Ms. Rey's introduction, it was moved (Director McVicker), seconded (Director Jacobs) and unanimously carried to approve The Kya Group as an Associate Member.
- Director Mills reported that he would like to start using transcription services through Recording Secretary Services beginning in January 2023 which will cost approximately \$200 per meeting.
   Director Jacobs stated that she thought it was a great idea and was in support of this. Director Green would like to see the Secretary position filled. Following discussion, it was moved (Director Green), seconded (Director Jacobs) and unanimously carried to approve the usage of the transcription services.
- Director Mills stated that we need to fill the Secretary position. Utilizing the transcription services may be helpful in filling the Secretary position. Director Mills also noted that the Third Vice President position is also vacant. Director Mills stated that he and Ms. Heflin will continue with Secretary duties (sans transcription services) until the position is filled. Ms. Baez noted that the Executive Committee should decide how they wish to fill these positions i.e., special election or appointment. Director Green credited Director Jacobs for her prior services and suggested that Director Monin and Mills reach out to solicit for the Secretary position. Director Jacobs asked for clarification from Ms. Baez regarding filling the two vacancies. It was agreed via formal motion made by Director Jacobs and seconded by Director Green and unanimously carried, that until the Secretary position is filled, that the President will function in this role, effective January 1, 2023, and will hold dual titles of the Executive Committee of ISDOC President and Secretary - in this case Director Greg Mills. Additionally included in the motion, the Secretary and Treasurer will be signors on the bank account. Ms. Baez reported that nominees (call for candidates) would be the first step and then via appointment if necessary. Director Green reported that we may be able to go directly to appointment. President Monin recommended a special election. Director Mills concurred with Director Green that reach out to potential candidates may be very beneficial. It was moved (Director Mills), seconded (Director Jacobs) and unanimously carried to move to the special appointment process for both the Secretary and Third Vice President positions. Director Jacobs remarked that it will be necessary to inform our membership that these positions are vacant and that we are looking to fill these positions. Newly elected positions include the following effective 12/1/22: Greg Mills, President; Bob McVicker, 1st Vice President; Paul Mesmer, 2<sup>nd</sup> Vice President; and Saundra Jacobs, Treasurer.

President Monin solicited input for the dues holiday. Director Mills stated that he thought that
we should reinstate membership dues – at least partially to offset transcription costs, etc. Ms.
Baez reported that the dues statements need to go out in the beginning of January 2023. Director
Green reported that we currently have over \$10,000 in the bank. Following discussion, it was
agreed that the dues holiday will continue for the next year and be discussed mid next year.

#### V. Old Business

• Ms. Baez requested direction from the ISDOC Executive Committee as to who is responsible for website updates. President Monin requested that Director McVicker continue with the member updates. Director McVicker stated that he will work to transition the membership responsibility to Director Mesmer to update the membership. Other updates will be looked at later. Ms. Taylor stated that other updates should probably occur in January. Director Green reported that this may be a responsibility for the newly recruited Third Vice President. Mr. Palmer stated that this responsibility requires assignment and that it is an easy platform to use. Director Mills stated that this item will be agendized for January 2023.

#### VI. Treasurer's Report – Director Green

• Treasurer's Report – Director Green reported that there is a balance of \$10,623.59 in the checking account. Director Green said that he will meet with Director Jacobs to perform the transition.

#### VII. CSDA Report – Chris Palmer

• Mr. Palmer gave a brief report on CSDA activities including the Special Leadership Academy which will be February 26 through March 1.

#### VIII. LAFCO Report – Director Fisler

Director Fisler reported that a post municipal services review report from staff will be on the
agenda at the next LAFCO meeting. Project updates were also given. OCWD has been working
with LAFCO on their MSR. The OC LAFCO media kit is complete. Public comment on the MSR
consolidation for OCWD/MWDOC will be sometime next year.

#### IX. ACWA Report – Director Jacobs

Director Jacobs reported on the ACWA Conference recently held at Indian Wells which was very
well attended. Future voting for the President and Vice President will be held via mail. There was
also a change in the ACWA-JPIA policies. Wonderful and informative sessions were held. ADU
discussions were also held as it relates to fire flow, etc. The fixed cost roll is dead in the water at
this point. There is vacancy on the Region 10 ACWA Board.

- X. OCCOG Report Director Scheafer
  - Director Scheafer stated the OCCOG Board will not meet again until January and was dark in November and December. They have started their series of housing webinars.
- XI. Orange County Operational Area Report Vicki Osborn
  - Covid is rising compared to last year. Hospital cases are rising.
  - The State of Emergency for California will sunset in February.
  - The rail strike is still being watched closely. We will still see supply chain impacts.
  - The Executive Board for the operational area last month and various plans were approved.
  - Ms. Taylor discussed electric vehicles and asked that this item be placed on the list for discussion.
  - President Monin thanked Ms. Osborn for her very informative updates and stated her work was very appreciated.

#### XII. Subcommittee Reports

- Programs President Monin asked for suggestions for the quarterly meeting. Ms. Baez reported
  that the *Orange County Register* will be the guest speaker. Other guests have not been
  determined at this time.
- Membership Director McVicker stated he did not have any additional update.
- Legislative Director Jones gave a comprehensive report on the various propositions that had passed last month. Federal and State information was also reviewed. Director Jones stated that it had been a pleasure serving on the ISDOC Executive Committee. President Monin thanked Director Jones and remarked that he was a class act. Director Fisler echoed President Monin's sentiments. Director Green remarked that he has enjoyed working with Director Jones. Director Jacobs stated that Director Jones will not be forgotten. Director Mills thanked Director Jones for his service over the years on legislative issues.
- XIII. Adjourn: President Monin thanked the various attendees and staff for their assistance and participation. President Monin stated that it had been an honor serving as President. The next meeting is scheduled for January 3, 2023 at 7:30 a.m. via Zoom. The meeting was adjourned at 8:43 a.m.

Signed:

ISDOC Secretary

Date: December 6, 2022

#### WACO Planning Committee Tuesday, December 20, 2022 at 7:30 A.M.

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

#### **AGENDA**

#### **WELCOME**

#### **ACTION ITEMS**

- 1. January 6, 2023 WACO Meeting
  - Confirm reports: MET, CSDA, ACWA
  - Topic confirmed: Earthquakes Understanding the Puzzle of Response and Recovery, What Pieces Are in Place and What May be Missing
    - Todd Novacek, Director of Operations, MNWD
    - Vicki Osborn, Director of Emergency Management, WEROC
    - Michelle Anderson, Director of Emergency Management/County Emergency Manager, Orange County Sheriff's Department
    - California Office of Emergency Services Invited (still waiting)
- 2. February 3, 2023 WACO Meeting
  - Confirm reports: WEROC, MET, ACWA
  - Topic: TBD

#### **DISCUSSION ITEMS**

- 1. Consider potential topics for future meetings:
  - Update from the Colorado River Water Users (Karl Seckel)
  - New Colorado River agreement (Peer Swan)
  - Lake Mead Low Water Levels: Climate Change, Overuse, or Both? w/ speaker Dr. Roy Spencer, Ph.D. (climatologist, author, former NASA scientist) (Jim Atkinson)
  - Water recycling projects in LA/OC impact on demand, cost, rates (Peer Swan)
  - Law of the River/Imperial Irrigation District/Top Colorado River Water Users (Al Nederhood/Peer Swan)
  - USBR Commissioner Camille Touton
  - Complete Coastal Network (Kelly Rowe)
  - SGMA Impacts in San Joaquin Valley w/ Dr. David Sunding, Berkeley Professor (Al Nederhood)
  - Updating California Water Laws to Address Drought and Climate Change
     w/ Holly Doremus, Professor of Law, Berkeley (Peer Swan/Karl Seckel)
  - Professional Labor Agreements (PLA) at MET w/ speakers from the independent contractors & Eduardo from the trades (Larry Dick)
  - o LA, MET and Impacts to Orange County w/ Marty Adams (Peer Swan)
  - Salt management/PFAS (Peer Swan)
  - Ways water districts add to income stream w/o rate payers (Larry Dick)
  - o 1,2,3-TCP in the Central Valley (Cathy Green)
  - MET new offices Diversity, Equity & Inclusion and Ethics (Larry Dick)
- Discussion of December 9 meeting: Earthquakes and MET's Infrastructure Resiliency Strategy
  - John Shamma, Engineering Planning Section Manager, MET

#### **INFORMATIONAL ITEMS**

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

# WACO Water Advisory Committee of Orange County

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. Cathy Green

Orange County Water District

Vice Chair Hon. Mark Monin El Toro Water District

#### **Staff Contacts:**

#### Alicia Dunkin/Medha Paliwal

Orange County Water District

#### **Heather Baez**

Municipal Water District of Orange County

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#### MWDOC:

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■ Municipal Water District of OrangeCounty





#### **AGENDA**

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

Register in advance:

https://ocwd.zoom.us/meeting/register/tZAvdOGopzkvEtxVWLckUW9f9 OPwZUbejGBu

#### **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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Municipal Water District of OrangeCounty

#### 1. Welcome & Announcements

Mark Monin, El Toro Water District

#### 2. Pledge of Allegiance

#### 3. Reports

- Metropolitan Water District of Southern California (MET)
   Linda Ackerman
- Association of California Water Agencies (ACWA) Cathy Green

#### 4. Program

E Adiaura

Earthquakes – Understanding the Puzzle of Response and Recovery, What Pieces Are in Place and What May be Missing

#### Speakers:

Vicki Osborn, Director of Emergency Management, Water Emergency Response of Orange County

Todd Novacek, Director of Operations, Moulton Niguel Water District Michelle Anderson, Director of Emergency Management/County Emergency Manager, Orange County Sheriff's Department

5. Adjourn		

#### **Next WACO Meeting**

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

#### **Next WACO Planning Committee Meeting**

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



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

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

#### **AGENDA**

#### **Mailing Address**

P.O. Box 20895 Fountain Valley, CA 92728

#### Meeting Location

Virtual - Zoom

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

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

#### **Officers**

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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■ Municipal Water District of OrangeCounty

#### **WELCOME**

#### **ACTION ITEMS**

- 1. February 3, 2023 WACO Meeting
  - Reports: WEROC, MET, CSDA, ACWA
  - Topic: Federal Update Deciphering the New Congress
  - o Speaker: Eric Sapirstein, President, ENS Resources
- 2. March 3, 2023 WACO Meeting
  - o Reports: WEROC, MET, ACWA
  - o Topic: TBD (consider topics below)
- 3. April 7, 2023 WACO Meeting
  - o Reports: WEROC, MET, ACWA
  - Topic: TBD (consider topics below)

#### **DISCUSSION ITEMS**

- 1. Consider potential topics for future meetings:
  - Water recycling projects in LA/SD and its impacts on demand, rates, reliability (speakers unavailable for February program)
  - Airborn Electromagnetic Survey to Facilitate Groundwater Storage w/ Stanford Professor Rosemary Knight and DWR speaker (Brooke Jones)
  - o Colorado River updates (drought, supply, new agreement, major users)
  - 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)
- Discussion of January 6 meeting: Earthquakes Understanding the Puzzle of Response and Recovery, What Pieces Are in Place and What May be Missing
  - Feedback received through Chair Monin: The WACO meeting was outstanding. I suggest you consider doing WEROC again with more time for discussing options and opportunities for coordinated responses and joint agency plans.

#### **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**

#### **JANUARY/FEBRUARY 2023**

- 1. Jan 25-27 CASA Conference (Palm Springs)
- 2. Jan 26 11:30 a.m. ISDOC Quarterly Meeting
- 3. Jan 27 DISTRICT OFFICE CLOSED
- 4. Jan 31 10:00 a.m. -RRC Meeting
- 5. Feb 1 8:30 a.m. MWDOC/MET Directors Workshop
- 6. Feb 2 8:30 a.m. SOCWA Board Meeting
- 7. Feb 3 7:30 a.m. WACO Meeting
- 8. Feb 3 12 Noon Pres/VP/GM Meeting
- 9. Feb 6 8:30 a.m. MWDOC Planning/Operations Meeting
- 10. Feb 6 1:30 p.m. SOCWMA Management Committee Meeting
- 11. Feb 9 11:30 a.m. CAG
- 12. Feb 9 5:30 p.m. MWDOC Water Policy Forum (Westin Costa Mesa)
- 13. Feb 10 DISTRICT OFFICE CLOSED
- 14. Feb 13 10:00 a.m. Agenda Review
- 15. Feb 17 12 Noon Pres/VP/GM Meeting
- 16. Feb 20 Presidents Day DISTRICT OFFICE CLOSED
- 17. Feb 21 7:30 a.m. Regular Eng/Finance Committee Meetings
- 18. Feb 23 7:30 a.m. Regular Board Meeting
- 19. Feb 24 DISTRICT OFFICE CLOSED

# EL TORO WATER DISTRICT Glossary of Water Terms

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

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

ACWA: Association of California Water Agencies.

A statewide group based in Sacramento that actively lobbies State and Federal

Government on water issues.

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

AFY: Acre-foot per year.

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

AMP: Allen McCulloch pipeline.

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

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

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

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

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

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

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

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

AWWA American Water Works Association

Nationwide group of public and private water purveyors and related industrial suppliers.

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

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

**BIA:** Building Industry Association.

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

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

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

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

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

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

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

CEQA: California Environmental Quality Act.

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

CFS: Cubic feet per second.

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

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

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

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

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

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

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

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

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

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

#### Crisis:

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

CTP Coastal Treatment Plant

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

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

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

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

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

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

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

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

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

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

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

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

**Disinfection:** Water treatment which destroys potentially harmful bacteria.

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

**Drought:** A prolonged period of below-average precipitation.

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

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

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

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

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

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

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

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

Estuary: Where fresh water meets salt water.

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

FCH Federal Clearing House - Environmental Review/Processing

**FEMA** Federal Emergency Management Agency

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

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

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

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

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

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

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

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

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

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

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

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

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

GPM: Gallons per minute.

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

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

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

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

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

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

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

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

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

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

MAF: Million acre feet.

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

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

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

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

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

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

NPDES National Pollution Discharge Elimination System

OCBC: Orange County Business Council.

**OCEMA** Orange County Environmental Management Agency

**OCWD:** Orange County Water District.

#### Opportunity:

1. A favorable juncture of circumstances.

2. A good chance for advancement or progress.

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

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

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

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

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

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

Potable water: Suitable and safe for drinking.

PPB: Parts per billion.

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

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

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

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

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

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

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

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

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

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

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

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

**RFP** Request for Proposal

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

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

**R-O-W** Right-of-way

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

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

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

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

**SAFRA** Santa Ana River Flood Protection Agency

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

SAWPA: Santa Ana Watershed Project Authority.

SCADA Supervisory Control and Data Acquisition

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

**SCH** State Clearing House – Environmental Review/Processing

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

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

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

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

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

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

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

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

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

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

**SJBA** San Juan Basin Authority

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

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

CSC - City of San Clemente

CSJC - City of San Juan Capistrano

CLB - City of Laguna Beach

ETWD - El Toro Water District

EBSD – Emerald Bay Service District

IRWD - Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD - South Coast Water District

SMWD – Santa Margarita Water District

TCWD - Trabuco Canyon Water District

**SRF** State Revolving Fund

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

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

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

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

**SWRCB** State Water Resources Control Board

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

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

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

TMA: Too many acronyms.

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

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

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

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

**VE** Value Engineering

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

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

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

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

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

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

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

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

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

Water table: The top level of water stored underground.

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

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

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

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

Xeriscape: Landscaping that requires minimal water.