

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

June 22, 2023

7:30 a.m.

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

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

Members of the public who wish to comment on any item within the jurisdiction of the District or on any item on the agenda, may attend the meeting in person at the District's office or may observe and address the Meeting by joining at this link:
<https://us02web.zoom.us/j/82893229414> (Meeting ID: 828 9322 9414).

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 Freshley

ROLL CALL (Determination of a Quorum)

ORAL COMMUNICATIONS/PUBLIC COMMENTS

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

2. Presentation of Awards. Recognitions. Certifications and Introductions

a. Service Awards

Mr. Cafferty will recognize and congratulate Michael Miazga, IT Manager, for 20 years of service with the District.

3. Consent Calendar

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

a. Consider approving the minutes of the May 3, 2023 Special Board Meeting

b. Consider approving the minutes of the May 25, 2023 Board meeting

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

4. Director Reports for Meetings Attended (Oral Report)

GENERAL MANAGER ACTION ITEMS

5. **California Special Districts Association Board of Directors, Southern Network – Seat C Election** (Reference Material Included)

The Board will consider the candidates for the California Special Districts Association Board of Directors, Southern Network, Seat C, and the requirement to cast a ballot by the July 14, 2023 deadline.

Recommended Action: Staff recommends the Board select a candidate and direct the General Manager to cast a ballot for said candidate for the California Special Districts Association Board of Directors, Southern Network, Seat C, and cast the ballot by the July 14, 2023 deadline.

6. **Resolution No. 23-6-1 - Regular Board Meetings Schedule**
(Reference Materials Included)

Staff will review and comment on Resolution No. 23-6-1 which amends the meeting time for the July 27, 2023 Regular Board Meeting from 7:30 a.m. to 7:00 p.m.

Recommended Action: The Board of Directors will consider adopting Resolution No. 23-6-1 which amends the meeting time for the July 27, 2023 Regular Board Meeting from 7:30 a.m. to 7:00 p.m.

RESOLUTION 23-6-1

RESOLUTION OF THE BOARD OF DIRECTORS
OF THE ELTORO WATER DISTRICT
ESTABLISHING DATE, TIME, AND PLACE OF
REGULAR BOARD MEETINGS AND
BOARD/ENGINEERING & FINANCE/INSURANCE COMMITTEE
MEETINGS OF THE BOARD OF DIRECTORS
FOR CALENDAR YEAR 2023

GENERAL MANAGER INFORMATION ITEMS

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

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

8. **Legislative Reports** (Reference Material Included)

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

9. **Public Education and Outreach Report** (Reference Material Included)
Staff will review and comment on the Public Education and Outreach report.
10. **Water Use Efficiency Report** (Reference Material Included)
Staff will review and comment on the Water Use Efficiency Report
11. **SOCWA Report** (Reference Material Included)
 - a. SOCWA Board Meeting – June 1, 2023
 - b. SOCWA Engineering Committee Meeting – June 8, 2023
 - c. SOCWA Finance Committee Meeting – June 20, 2023
 - d. Three Agency Staff Meetings (MNWD, SMWD, SCWD)
12. **Municipal Water District of Orange County (MWDOC) Report** (Reference Material Included)
 - a. MWDOC Planning/Operations Meeting – June 5, 2023
 - b. MWDOC/MET Directors Workshop – June 7, 2023
 - c. MWDOC Admin/Finance Meeting – June 14, 2023
 - d. MWDOC Board Meeting – June 21, 2023
13. **South Orange County Watershed Management Area Meetings** (Reference Material Included)
 - a. Report on the June 5, 2023 Management Committee Meeting
 - b. Report on the June 8, 2023 Executive Committee Meeting
14. **Local Agency Formation Commission (LAFCO) Report** (Reference Material Included)
 - a. Report on the June 14, 2023 meeting
15. **ISDOC Meetings Report** (Reference Material Included)
 - a. Report on the June 6, 2023 ISDOC Executive Committee meeting
 - b. Report on the June 22, 2023 ISDOC Quarterly meeting
16. **WACO Meetings Report** (Reference Material Included)
 - a. Report on the June 2, 2023 WACO meeting
 - b. Report on the June 20, 2023 WACO Planning meeting

COMMITTEE AND GENERAL INFORMATION

17. Dates to Remember for June/July 2023 (Reference Material Included)

COMMENTS REGARDING NON-AGENDA ITEMS

ATTORNEY REPORT

CLOSED SESSION

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

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

REGULAR SESSION

REPORT ON CLOSED SESSION (Legal Counsel)

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

ADJOURNMENT

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

Request for Disability-Related Modifications or Accommodations

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

MINUTES OF THE SPECIAL BOARD MEETING
OF THE
BOARD OF DIRECTORS
OF THE
EL TORO WATER DISTRICT
May 3, 2023

President Havens called the Special meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 1:30 p.m.

Director Gaskins led in the Pledge of Allegiance.

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

Also present were DENNIS P. CAFFERTY, General Manager, JUDY CIMORELL, Human Resources Manager, JASON HAYDEN, CFO, SCOTT HOPKINS, Operations Superintendent (Zoom), MIKE MIAZGA, IT Manager (Zoom), GILBERT J. GRANITO, General Counsel, and POLLY WELSCH, Recording Secretary.

Determination of a Quorum

President Havens asked for a Roll Call to determine a quorum.

Roll Call:

Director Monin	present
Director Gaskins	present
Director Freshley	present
Vice President Vergara	present (Zoom)
President Havens	present

Oral Communications/Public Comments

There were no comments.

Review the Minutes of the April 25, 2023 Budget Committee Meeting

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by President Havens and unanimously carried across the Board to approve the April 25, 2023 Budget Committee meeting minutes.

Roll Call:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye (Zoom)
President Havens	aye

ETWD Draft 2023/24 Budget

Mr. Cafferty provided a presentation on the district's 2023/24 budget. He further stated that staff and the Budget Committee held two meetings to prepare the Budget for consideration of adoption by the full Board at today's meeting.

Mr. Cafferty discussed what Revenues will be necessary to meet expenses, capital requirements, and to ensure the District has adequate cash flow. He further stated that the goal has been to implement reliable, stable, and predictable rate increases in an even fashion.

Mr. Cafferty stated that cost containment strategies are a continuous ongoing practice. He further stated that strategic financial planning principles include a pass thru of the MWDOC/MET rate increases to customers, along with costs associated with the Baker Treatment Plant.

Mr. Cafferty stated that there is also an annual Cost of Service evaluation performed by Raftelis, and a comprehensive review of budgeted expenditures.

Mr. Cafferty stated that Debt Coverage Ratios are non-negotiable.

Mr. Hayden stated that the Revenue Plan shows what is projected into the Budget; potable water sales, tertiary recycled water sales, potable water use charges, tertiary recycled water use charges, capital charge revenue, and cost of service revenue increases. He further stated that some of the other revenues are property tax revenue, restricted reserve revenue, interest income, rate stabilization replenishment, capital reserves replenishment, net fixed meter revenue increases, and wastewater revenue increases.

Mr. Hayden reviewed the 2023/24 proposed revenue and expenses. He further commented on purchased water, labor, operating activities, restricted reserve 5-year cash flow, capital improvement program, cost of service rate adjustments, commodity rate adjustments, rate components, recycled water capital charges, wastewater capital charges, and single family residential and commercial sensitivity.

Mr. Cafferty stated that Director Vergara asked about legal expenses, to which he commented that last year we incurred significant cost from Special Counsel, Labor Attorney, and 401(k) Plan Representatives.

Mr. Cafferty stated that for the Board's budget we are budgeting for each of the 5 Board members which includes the rate of \$219 per meeting and 10 meetings per month, so the total budgeted is \$131,400.

Mr. Hayden stated that our costs for Purchased Water reflect the purchased water volume, MWD's costs, MWDOC and Baker costs, and pipeline charges.

Director Freshley asked if we use water from the Baker pipeline. Mr. Cafferty replied that we own 5 cfs capacity and we use the full 5 cfs.

Mr. Hayden stated that labor is broken into 4 categories; salaries, health insurance premiums, 401k/457b contributions, and all other benefits.

Mr. Cafferty stated that the merit increase, which will be implemented in July, is based on the 12-month average of the CPI component which was 7.1% and the typical merit increase component at 3%, for a total of 10.1%.

Mr. Hayden reviewed the Operating Activities 5-year Cash Flow, the Restricted Reserve 5-year Cash Flow, and the Capital Improvement 5-year Cash Flow and Program.

Mr. Cafferty stated that the recycled water commodity rate is 90% of the Tier 2 (outdoor use) potable rate. Director Freshley stated she feels the recycled water should be the same cost. After discussion, President Havens suggested the Board consider the question in the next budget year.

Mr. Cafferty stated that we have a Fixed Meter Charge for all 276 meters in the new Recycled Water Distribution System. He further stated that the Laguna Woods Golf Course is served through a 10-inch meter at the Plant that has no Fixed Meter Charge and no Capital Charge.

Mr. Cafferty recommended considering adding the Fixed Meter Charge and the Capital Charge for the use of Recycled Water on the Laguna Woods Golf

Course. The Board concurred that it was appropriate to charge a fixed meter charge and capital charge for the 10" golf course meter to treat that meter in a matter consistent with all the other recycled meters.

Mr. Hayden stated that the Proposed Cost of Service Rate Adjustments were proposed by Raftelis, along with the Proposed Revenue Commodity Rate adjustments.

Mr. Cafferty explained the use of non-rate revenue to fund the Tier 1 offset. Staff and the Board discussed the merits of the Tier 1 Offset concept. Mr. Hayden stated that the calculation of the Tier 1 offset in the rate study is less in this budget than the previous year. Mr. Cafferty recommended deferring consideration of any further change to the Tier 1 offset to the 2024-25 budget process. The Board concurred.

Mr. Cafferty stated that based on the need to fund the capital projects the District is facing the proposed Capital Charges are increasing 25%. Mr. Cafferty further stated that staff has proposed increasing these rates 25% per year for the next several years to double the capital revenue in order to fund the capital improvement program.

Mr. Hayden stated that Single Family Residential rates will increase 9.39%, with HOA's and Cities increasing between 7.1% - 9.8%. Mr. Cafferty stated that the District's proposed rate increases are consistent in magnitude with what many other local water and wastewater agencies are considering. Mr. Cafferty further stated that an analysis of rates amongst Orange County agencies indicates that the District's rates remain relatively competitive.

Mr. Cafferty shared the Proposed Schedule. He further stated that the Prop 218 Notice has been redesigned to consider a 3-year schedule, and after the 3-years, we could consider a 5-year schedule. Mr. Cafferty stated that the 218 Notice incorporates a CPI based inflation index for purposes of the increase in the fixed meter, private fire and wastewater charges in the second two years.

Mr. Cafferty stated that the current Prop 218 Notice will need some language changes, and messaging before it is finalized. Mr. Cafferty stated that the District has previously send the 218 Notice to property owners in the District service area. He further stated that renters that pay the water bill would not receive the 218 Notice based on the distribution to property owners only. Mr. Cafferty stated that using the customer database for the distribution of the Proposition 218 notice might leave out some property owners that don't live at the property. Mr. Cafferty stated that properties for which the owner did not receive a 218 Notice cannot be liened in the event of non-payment. Mr. Cafferty further stated the District typically shuts off service in the event of non-payment and has never had cause to lien a property.

Mr. Cafferty recommended sending the Prop 218 Notices to the customer database. Mr. Granito concurred with the recommendation to send the Notice to customers. The Board concurred with the recommendation. Mr. Cafferty stated that the District Newsletter will identify the location of the 218 Notice on the District's website so it is available to all residents.

Mr. Cafferty stated that we are proposing 2 Community Informational meetings giving customers an opportunity to communicate with staff and the

Board on the rate study and proposed rate increases on July 12, 2023 at 5:30 p.m. and on July 19, 2023 at 7:00 p.m. He further stated that the July 27, 2023 Public Hearing will be at 7:00 p.m.

President Havens asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins and unanimously carried across the Board to approve 1) the 2023/24 Operating & Capital Budget, and 2) authorize noticing of a Rate Public Hearing to be scheduled for July 27, 2023.

The Board deferred taking action on 1) 2023/24 Water, Recycled Water and Wastewater Rate Study, and 2) 2023/24 Prop 218 Notice and authorization of distribution of same in accordance with applicable public notice requirements until the May 22, 2023 Finance meeting.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye (Zoom)
President Havens	aye

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 4:22 p.m.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

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

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

MINUTES OF THE REGULAR MEETING
OF THE
BOARD OF DIRECTORS
OF THE
EL TORO WATER DISTRICT
May 25, 2023

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

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

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

Also present were DENNIS P. CAFFERTY, General Manager, SCOTT HOPKINS, Operations Superintendent, JUDY CIMORELL, Human Resources Manager, HANNAH FORD, Engineering Manager, SHERRI SEITZ, Public Affairs Manager, VU CHU, Water Use Efficiency Analyst, MIKE MIAZGA, IT Manager (Zoom), VICKI TANIOUS (Zoom), Employee, RAY LLADA, Employee, MARISOL MELENDEZ, Employee, GILBERT J. GRANITO, General Counsel, KEITH STRIBLING, HIGHMARK Representative, CATHY GREEN, ACWA (Zoom), CAROL MOORE, Laguna Woods City Council member (Zoom), and POLLY WELSCH, Recording Secretary.

JASON HAYDEN, CFO was absent.

Determination of a Quorum

Roll Call:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye (Zoom)
President Havens	aye

All five Board members are present for the meeting, therefore a quorum was determined.

Oral Communications/Public Comments

There were no comments.

Items Received Too Late to be Agendized

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

Presentation of Awards, Recognitions, Certifications, and Introductions

Mr. Cafferty recognized and congratulated Raymond Llada, Maintenance Worker II for 5 years of service with the District.

Mr. Cafferty recognized and congratulated Marisol Melendez, Customer Service Office Representative I for 5 years of service with the District.

Mr. Cafferty suggested taking Item #6 of today's agenda out of order so that Cathy Green could speak on this agenda item.

Resolution No. 23-5-1 in Support of the Nomination of Cathy Green as a Candidate
for the Position of Association of California Water Agencies President

Ms. Green introduced herself and stated that she is a candidate for the position of President of the Association of California Water Agencies (ACWA). She further stated that she has been the Vice President of ACWA since 2021, and continued to provide her background and experience.

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Director Monin and unanimously carried across the Board to adopt Resolution No. 23-5-1 which supports Cathy Green as a candidate for the position of Association of California Water Agencies President.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye (Zoom)
President Havens	aye

At approximately 7:54 a.m. Ms. Green left the meeting.

Consent Calendar

President Havens asked for a Motion.

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

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye

Vice President Vergara aye (Zoom)
President Havens aye

Quarterly Review of the District's 401(k) Retirement Savings Plan

Mr. Cafferty stated that the copy of the report handed out at today's meeting is different than the previously emailed copy. He further stated that the previously emailed report was for the previous quarter and not the current quarter.

Mr. Stribling stated that it was a good quarter for all accounts which were up from 3.5% to 6.5%.

Mr. Stribling stated that the portfolio is on the conservative side but at the end of the year he upped the allocation because with Empower switching funds out is not an overnight process. He further stated that we are favoring value over growth.

Mr. Stribling stated that in terms of economic outlook, inflation is still a dominating factor in capital markets. He further stated that inflation has hit the housing market since interest rates have risen.

Mr. Stribling stated that three things are slowing down our economy; budget negotiations over raising the debt limit by reducing spending, banks are pulling back on lending, and the feds keeping rates high. He further stated that a recession is possibly coming.

At approximately 8:25 a.m. Mr. Stribling left the meeting.

Director Reports for Meetings Attended

Director Freshley stated that she attended the ACWA/JPIA conference, the ACWA Energy Committee meeting, the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the MWDOC Board meeting, the RRC meetings, the

SOCWA Board meetings, the SOCWA Finance Committee meeting, the CAG meeting, the Laguna Woods City Council meeting, the WACO meeting, and the regular Board meetings.

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

Vice President Vergara stated that he attended the MWDOC Planning/Operations meeting, the Lake Forest City Council meeting, the MWDOC/MET Directors workshop, the Special Board Budget workshop, the WACO meeting, the MWDOC Admin/Finance meeting, the Agenda Review meeting, the WACO Planning meeting, the MWDOC Board meeting, and the regular Board meetings.

Director Monin stated that he attended the Laguna Woods City Council meeting, the WACO meeting, the CAG meeting, the WACO Planning meeting, the Special Board Budget workshop, the ISDOC Executive Committee meeting, the MWDOC/MET Directors workshop, the MWDOC Board meeting, the ACWA conference, the MWDOC Admin/Finance meeting, and a Colorado MET trip that went to Weymouth, Whitewater, the Imperial Valley Water Districts aqueduct, the pump stations at Parker Dam, and the Hoover Dam. He also attended the regular Board meetings.

President Havens stated that she attended the MWDOC Planning/Operations meeting, the MWDOC/MET Directors workshop, the CAG meeting, the ACWA conference, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the

South Orange County Watershed Management meeting, the Special Board Budget workshop, the Third Landscape meeting, the UCI Natural Resources Landscape meeting, and the regular Board meetings.

General Manager Action Items

Resolution No. 23-5-2 Rescinding the District's Level 2 Water Shortage

Mr. Cafferty stated that due to the wet winter storms the Department of Water Resources has increased the State Water Project allocation to 100%, so there is no need for the District to maintain the declaration of a water shortage. He further stated that the permanent conservation measures remain in place.

President Havens asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins and unanimously carried across the Board to adopt Resolution No. 23-5-2 which rescinds the District's declaration of a Level 2 Water Shortage.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye (Zoom)
President Havens	aye

General Manager Information Items

Strategic Plan Status Report

Mr. Cafferty stated that the red text in the report identifies what has been updated or is new.

Director Freshley asked on page 17 of the report, how many hours has been devoted to staff training in the last 6 months. Mr. Cafferty replied that District operators spend between 40 and 100 hours per year on training of required and recommended safety and operations training.

General Manager's Monthly Report

Director Freshley asked on the Total Recycled Water chart, why was so much potable water used. Mr. Cafferty replied that due to the recent weather the WRP experienced very low demand for recycled water so the filters were shut off for one evening. Mr. Cafferty further noted that demand spiked on that evening requiring the addition of potable water to supplement the recycled water production.

Mr. Cafferty stated that on the Customer Service report there were 150 hangers and last year shows zero due to no shut offs during the pandemic.

Director Freshley asked on the Battery report what caused the interruption in demand. Mr. Cafferty replied that the Plant was shutdown during the Breaker installation thus causing the gap in the report.

Legislative Reports

Ms. Seitz stated that we are watching AB 1638 which would require every local agency in an emergency with a population of 10% or more primarily speaking a language other than English, the agency would need to provide the emergency message in those other languages as well.

Ms. Seitz stated that AB 1572 would prohibit watering non-functioning turf with potable water of 5,000 square feet irrigated area and would have to be certified with the State Water Board.

Public Education and Outreach Report

Ms. Seitz stated that staff is working on a construction update to be mailed to customers around the Reservoir.

Ms. Seitz stated that staff is working on updating the design content of the Prop 218 Notice. She further stated that the District will hold 2 community meetings in person and zoom on July 12 at 5:30 pm and July 19 at 7:00 pm in the Field Office.

Ms. Seitz stated that staff is preparing an RFP to update the District's website.

Ms. Seitz stated that staff had a meeting at the Adopt a Channel to discuss clean up with the Orange County Conservation Corp and County of Orange. She further stated that the County is working on creating signage for the Channel and will inform staff when they will be installed.

Ms. Seitz stated that staff attended the Concerned Citizens of Laguna Woods Earth Day meeting where Mr. Cafferty provided an update on water supply in California. She further stated that staff attended a booth at the City of Mission Viejo's Earth Day/Arbor Day at the Oso Creek Train north of Jeronimo Road.

Ms. Seitz stated that the Scout Clinic tours of the Plant are scheduled for December 9th and November 4th.

Ms. Seitz stated that Mr. Cafferty participated in the Special District's Roundtable with the office of Assemblywoman Diane Dixon on May 9th.

Ms. Seitz stated that we entered the District's newsletter in 3 awards, and the last one was the National PRSA which is Public Relations Society of America Anvil Awards. She further stated that we were chosen as a finalist and have either won first place or first runner up.

Water Use Efficiency Report

Mr. Chu stated that this past month our recycled water use went down substantially.

SOCWA Reports

Director Freshley stated that there were 2 facilitated discussion meetings this month regarding the future of SOCWA. She handed out a list of issues that were key to ETWD that were discussed at those meetings.

Mr. Cafferty stated that he has attended staff meetings characterized as 3-agency meetings of staff from SCWD, SMWD, and MNWD. He further stated that MNWD is interested in operating the Regional Plant, and SMWD will be expressing their interests regarding the JB Latham Plant at the next meeting.

Mr. Cafferty stated that SOCWA is approaching the approval of their budget.

MWDOC Reports

There were no comments.

LAFCO

Director Freshley stated that she did not attend the meeting due to the ACWA conference. She further stated that they elected Bruce Whitaker from Fullerton as the City Member.

ISDOC

Director Monin stated that they discussed a website update, the June luncheon date change, and a SDLF Chapter donation request.

WACO

Director Monin stated that next discussions could include AI in Water, and PFAS.

COMMITTEE AND GENERAL INFORMATION

Dates to Remember for May/June 2023

There were no comments.

Comments Regarding Non-Agenda Items

There were no comments.

Recess

At approximately 9:40 a.m. the Board took a short recess.

Attorney Report

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

Regular Session

At approximately 9:45 a.m. the Board returned to Regular Session.

Closed Session

At approximately 9:45 a.m. the Board went into Closed Session with regard to both items on the Closed Session agenda. Also at this time, everyone left the meeting except the Board members, the General Manager, and General Counsel.

Open Session Report

At approximately 10:03 a.m. Regular Session resumed. Also at this time Ms. Welsch returned to the meeting.

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

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

Adjournment

There being no further business to come before the Board, the meeting was adjourned at 10:05 a.m.

Respectfully submitted,

POLLY WELSCH
Recording Secretary

APPROVED:

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

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



STAFF REPORT

To: Board of Directors

Meeting Date: June 22, 2023

From: Dennis Cafferty, General Manager

**Subject: California Special Districts Association (CSDA) Board of Directors
Election Ballot – Southern Network Region, Seat C – Term 2024-2026**

The leadership of CSDA is elected from its six geographical networks. Each of the six networks has three seats on the board with staggered three-year terms. Candidates must be either a board member or management level employee with an independent special district that is a CSDA Regular Member in good standing and located within the Southern Network (see attached CSDA Network Map). Each Regular Member (district) in good standing shall be entitled to vote for one (1) person to represent its Network in Seat C.

The following candidates are running for Seat C for the 2024-2026 term.

Arlene Schafer – Director – Costa Mesa Sanitary District (Incumbent)

Al Nederhood – Director – Municipal Water District of Orange County

John Skerbelis – Director – Rubidoux Community Services District

RECOMMENDATION

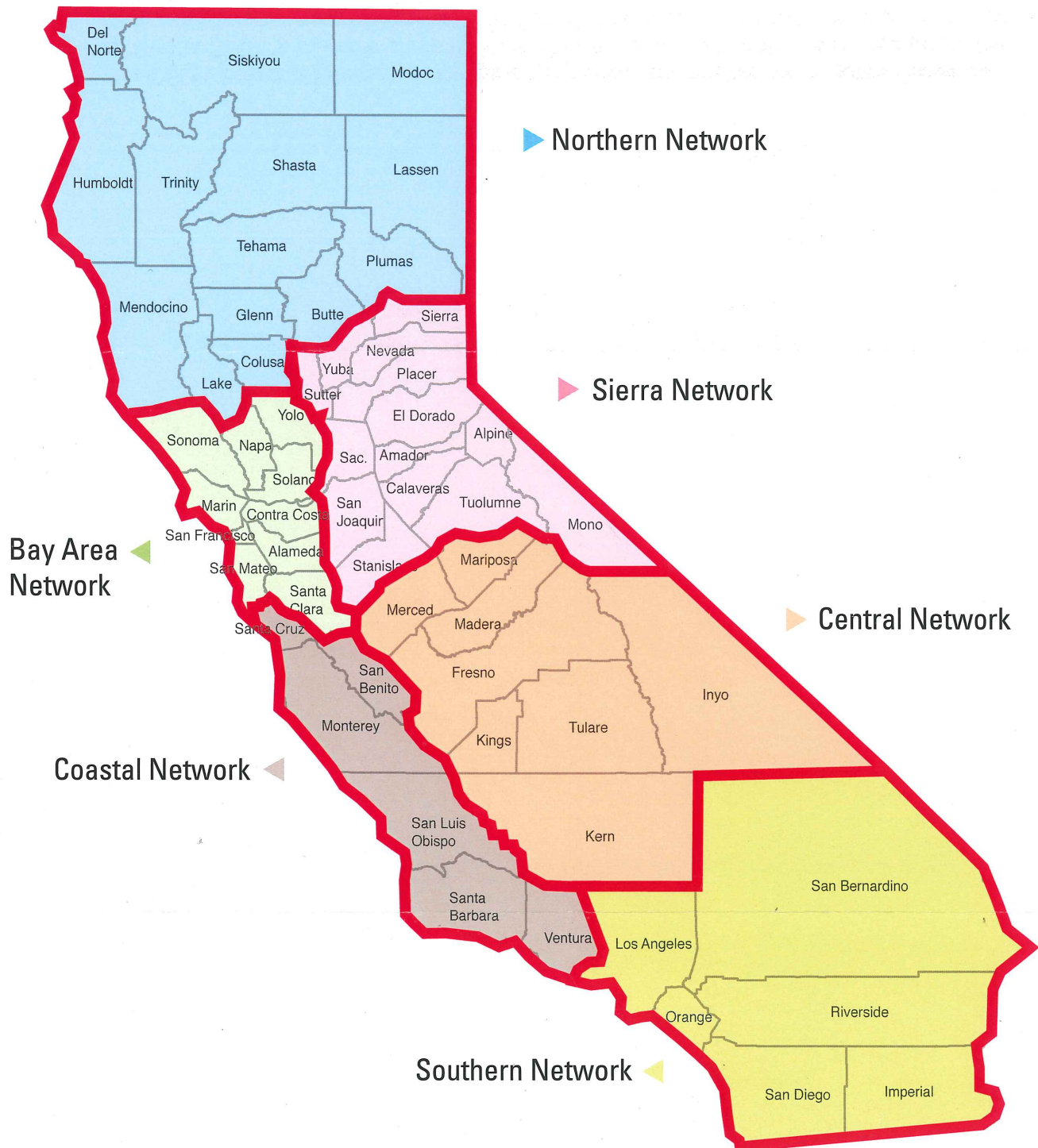
Recommended Action at the June 22, 2023 Board Meeting:

Staff recommends the Board select a candidate and direct the General Manager to cast a ballot for said candidate for the California Special Districts Association Board of Directors, Southern Network, Seat C, and cast the ballot by the July 14, 2023 deadline.



California Special Districts Association

DISTRICT NETWORKS





Home

How It Works

Logout **Dennis Cafferty**

CSDA Board of Directors Election Ballot - Term 2024 - 2026; Seat C - Southern Network

Please vote for your choice

Choose **one** of the following candidates:

- *Arlene Schafer, Director, Costa Mesa Sanitary District (incumbent)
- Al Nederhood, Director, Municipal Water District of Orange County
- John Skerbelis, Director, Rubidoux Community Services District

*Incumbent

☐ **Arlene Schafer*** [\[view details\]](#)

☐ **Al Nederhood** [\[view details\]](#)

☐ **John Skerbelis** [\[view details\]](#)

Continue

Cancel



**California Special
Districts Association**
Districts Stronger Together

2023 CSDA BOARD CANDIDATE INFORMATION SHEET

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

Name: Arlene Schafer

District/Company: Costa Mesa Sanitary District

Title: Board of Directors – Vice President

Elected/Appointed/Staff: Elected

Length of Service with District: 25 Years

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

I served on CSDA Board of Directors and several committees including chair of the membership and professional development committees and served on the legislative and fiscal, and I served on the Alliance Executive Council. I have completed the Special District Leadership Academy, Good Governance Foundation workshop and I attend the annual conference and Legislative Days.

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

I have been associated with the Solid Waste Association of North America (SWANA) of Southern California, and the Independent Special Districts of Orange County (ISDOC) and

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

I am a current member of the Board of Directors for CSDA Finance Corporation, and I am the former Vice President of ISDOC and the former commissioner of the Orange County Local Formation Commission (LAFCO). I am also the former Mayor of the City of Costa Mesa.

4. List civic organization involvement:

Harbor Mesa Lions Club, Costa Mesa Chamber of Commerce, Ambassador for the City Costa Mesa during special events.

****Candidate Statement – Although it is not required, each candidate is requested to submit a candidate statement of no more than 300 words in length. Any statements received in the CSDA office after the nomination deadlines will not be included with the ballot.**

Candidate Statement

**Arlene Schafer
Costa Mesa Sanitary District
Southern Network, Seat C**

It has been an honor serving you on CSDA's Board of Directors for the past nineteen years. I have had the privilege of establishing long lasting relationships with local officials that forged an organization to become one of the leading advocacy groups in California on statewide and national issues. I am proud of my past and current board members for the accomplishments we achieved to enhance special district's visibility in the capital, as well as broadening educational opportunities to help you govern effectively and openly. There is much more important work to be done, so I humbly ask for your trust and support in re-electing me to Seat C of the Southern Network.

I believe we are approaching a year that could have an everlasting effect on the way we provide services. It is very likely the November 2024 Statewide Ballot will have Initiative 21-0042A1, which is now Initiative 1935. If approved by the voters, this initiative will significantly restrict how we fund critical services like fire, parks, libraries, sewers, water, etc. Initiative 1935 will jeopardize the ability of special districts to deliver essential services, which is why as your CSDA representative I am committed to helping defeat this deceptive and dangerous measure.

In addition to my advocacy efforts, I believe CSDA provides some of the best training and professional development programs for local government officials. I will continue serving on the Professional Development Committee to work with CSDA staff and others on making sure you continue receiving top quality workshops, seminars, and conferences. I hope I earned your trust by voting for me by **July 14, 2023**.



**California Special
Districts Association**

Districts Stronger Together

2023 CSDA BOARD CANDIDATE INFORMATION SHEET The following information MUST accompany your nomination form and Resolution/minute order:

Name: Albert M. Nederhood

District/Company: Municipal Water District of Orange County (MWDOC)

Title: Director

Elected/Appointed/Staff: Elected

Length of Service with District: 2 years with MWDOC, 4 years with Yorba Linda Water District as elected Board Member

1. Do you have current involvement with CSDA (such as committees, events, workshops, conferences, Governance Academy, etc.): I have attended most of the quarterly meetings for ISDOC (Independent Special Districts of Orange County) over the last 6 years. I spent 2 years working with Jim Fisler and Saundra Jacobs (both past ISDOC Presidents) to successfully revise the Special District dues structure created in 2000 to more accurately and fairly reflect revenue and dues payable to LAFCO. As part of this process I attended virtually all ISDOC Board meetings for 2 years.

2. Have you ever been associated with any other state-wide associations (CSAC, ACWA, League, etc.): Over the last 6 years I have attended most of the conferences held by the Urban Water Institute, ACWA, the Colorado River Water Users, as well as many Metropolitan Water District Board meetings.

3. List local government involvement (such as LAFCo, Association of Governments, etc.): For the 2 years that it took to initiate, revise and successfully change the LAFCO dues required of Special Districts in Orange County, I attended virtually all of the monthly OC-LAFCO meetings.

4. List civic organization involvement: I was elected twice and served on the Yorba Linda Water District Board, a Special District. I've actively participated in the WACO (Water Advisory Committee of Orange County) both in attendance and planning of the meetings.



Al Nederhood

MWDOC Board

Elect to CSDA Board

Southern Network

Seat C

Professional & Personal History

6 Years as Elected Official for Special Districts, Yorba Linda Water District (YLWD) & Municipal Water District of Orange County (MWDOC)

LAFCO dues revision through Independent Special Districts of Orange County. First revision after 20 years saving small districts thousands of dollars annually.

Heli-Hydrant sponsor, supporter creating nations first system (helicopter enabled fire suppression in wild-fire zones)

President of a Non-Profit

30 years of Senior Management Leadership positions with nationally known firms

President of an Educational Institution with \$100 million in revenue, 500 staff and 5000 students.

BA, Long Beach State
MA, Central Michigan University

Retired, Married for 50+ years, 4 kids and 12 grandkids

Why should you vote for Al Nederhood?

Here's a sample of my history of measurable change created by active questioning and positive decision making based on the facts.

Seven years ago, I identified, initiated, and transformed an outdated LAFCO dues system on behalf of special districts in Orange County. The dues structure was developed in 2002 by ISDOC to fulfill their legal responsibility, but over time, it resulted in small districts subsidizing the large districts.

After two years of working with my fellow Special Districts, the new dues structure was unanimously approved and implemented. This effort created a balanced and proportionate LAFCO dues structure for Special Districts throughout the county, saving smaller districts with smaller operating budgets thousands of dollars each year.

As a Board Member for Yorba Linda Water District we investigated and implemented the nation's first Heli-hydrant to modernize fighting wild fires. YLWD now has two heli-hydrants with a third in development with Metropolitan Water District.

I would appreciate your Board voting for me, Al Nederhood.

If you want to contact me:

Al Nederhood

MWDOC, Director Division One

anederhood@mwdoc.com

C. 714-261-3964



California Special
Districts Association
Districts Stronger Together

2023 CSDA BOARD CANDIDATE INFORMATION SHEET

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

Name: John Skerbelis
District/Company: Rubidoux Community Services DIST
Title: Vice President
Elected/Appointed/Staff: Elected
Length of Service with District: 12 Years

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

None

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

None

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

Past member of Riverside County Solid Waste
Advisory Committee 7 Years

4. List civic organization involvement:

Riverside County Dept of Environmental Health
Community Clean ups and Illegal Dumping

*This information is for informational purposes only and is not intended to be used for any other purpose. The information is provided for the use of the CSDA and its members. The information is not to be used for any other purpose.

RESOLUTION NO. 23-6-1

**RESOLUTION OF THE BOARD OF DIRECTORS
OF THE ELTORO WATER DISTRICT
ESTABLISHING DATE, TIME, AND PLACE OF
REGULAR BOARD MEETINGS AND
BOARD/ENGINEERING & FINANCE/INSURANCE COMMITTEE
MEETINGS OF THE BOARD OF DIRECTORS
FOR CALENDAR YEAR 2023**

WHEREAS, the Board adopted Resolution No. 22-11-1 on December 15, 2022 establishing the date, time and place of regular Board Meetings for calendar year 2023; and

WHEREAS, there is a need to adjust the meeting time for the July 27, 2023 Regular Board Meeting from 7:30 a.m. to 7:00 p.m.

NOW, THEREFORE, BE IT RESOLVED that the meeting time for the July 27, 2023 Regular Board Meeting is hereby amended from 7:30 a.m. to 7:00 p.m. as set forth in Exhibit "A" to this Resolution. This Resolution and the attached Exhibit A remain in effect unless otherwise changed by this Board by appropriate Resolution.

ADOPTED, SIGNED AND APPROVED, this 22nd day of June 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” to Resolution No. 23-6-1

ETWD SCHEDULED MEETINGS 2023
EFFECTIVE JUNE 22, 2023

REGULAR BOARD MEETINGS

Board/E & F/I Committee Meetings (1)

Board Meetings

1.	January 23, Monday	7:30 a.m.	January 26, Thursday	7:30 a.m.
2.	February 21, Tuesday	7:30 a.m.	February 23, Thursday	7:30 a.m.
3.	March 20, Monday	7:30 a.m.	March 23, Thursday	7:30 a.m.
4.	April 24, Monday	7:30 a.m.	April 27, Thursday	7:30 a.m.
5.	May 22, Monday	7:30 a.m.	May 25, Thursday	7:30 a.m.
6.	June 19, Monday	7:30 a.m.	June 22, Thursday	7:30 a.m.
7.	July 24, Monday	7:30 a.m.	July 27, Thursday	7:00 p.m.
8.	August 21, Monday	7:30 a.m.	August 24, Thursday	7:30 a.m.
9.	September 25, Monday	7:30 a.m.	September 28, Thursday	7:30 a.m.
10.	October 23, Monday	7:30 a.m.	October 26, Thursday	7:30 a.m.
11.	November 20, Monday	7:30 a.m.	November 21, Tuesday	7:30 a.m.
12.	December 18, Monday	7:30 a.m.	December 21, Thursday	7:30 a.m.

(1) Board/Engineering & Finance/Insurance Committee (E & F/I Committee)

GENERAL MANAGER'S REPORT

June 2023

I. OFFICE OF THE GENERAL MANAGER

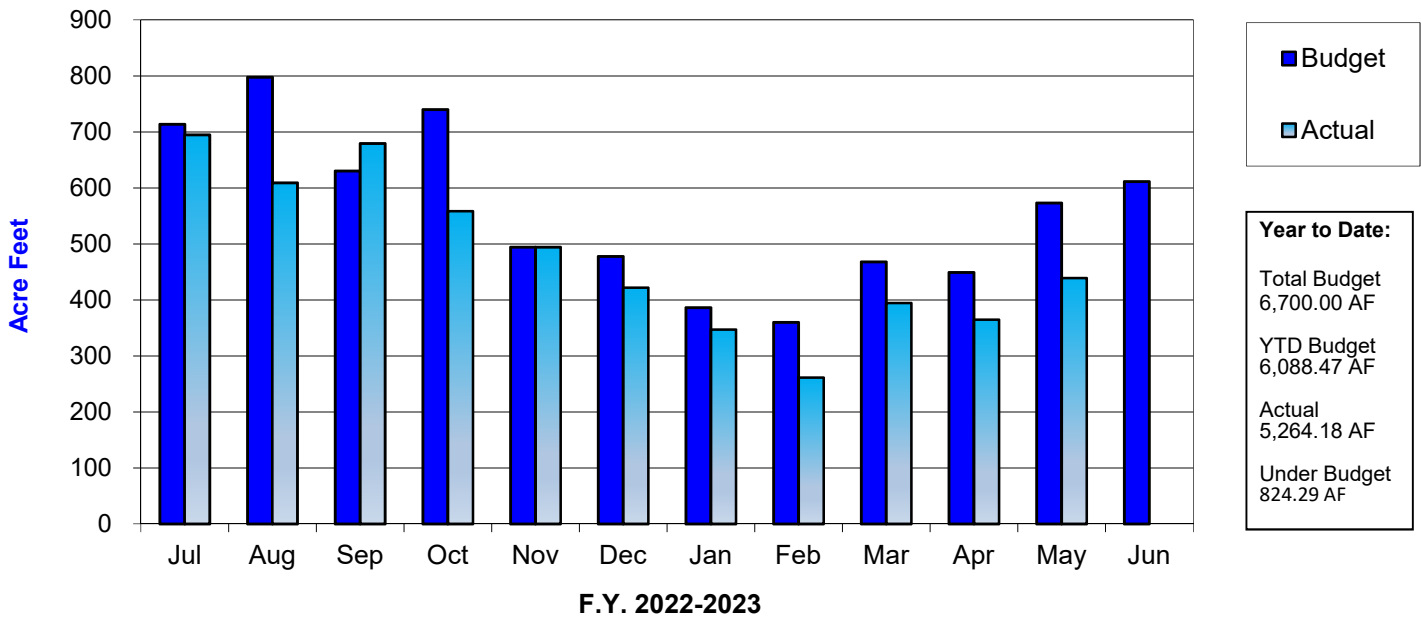
- MWDOC/OCWD Managers Meeting
- MWDOC/MET Directors Workshop
- MWDOC Administration & Finance Committee Meeting
- MWDOC Board Meeting
- MWDOC Reliability Study Update
- Meeting with MWDOC Staff regarding MWD Cyclic Storage Program
- SOCWA Board Meeting
- SOCWA Finance Committee Meeting
- South Orange County Watershed Management Area Executive Committee Meeting
- Three Agency Staff Meetings (MNWD.SMWD/SCWD)
- JRWSS Meeting
- Mission Viejo Chamber of Commerce Annual Breakfast
- Meeting with Davis Farr regarding MWD LRP Program Audit
- Hazen & Sawyer Meeting regarding Asset Management Plan
- R-6 Cover & Liner Replacement Project Construction Meetings
- R-6 Reservoir Asphalt Consultant Site Walk
- Meeting with Raftelis
- Meeting with PFM Asset Management
- Meeting with Highmark Capital Management
- Meeting with ETWD President & Vice President
- ETWD Agenda Review Meeting
- ETWD All Employee Meeting
- ETWD RRC Meeting
- ETWD Regular Engineering & Finance Committee Meetings
- ETWD Regular Board Meeting

II. DOMESTIC AND RECYCLED WATER SALES

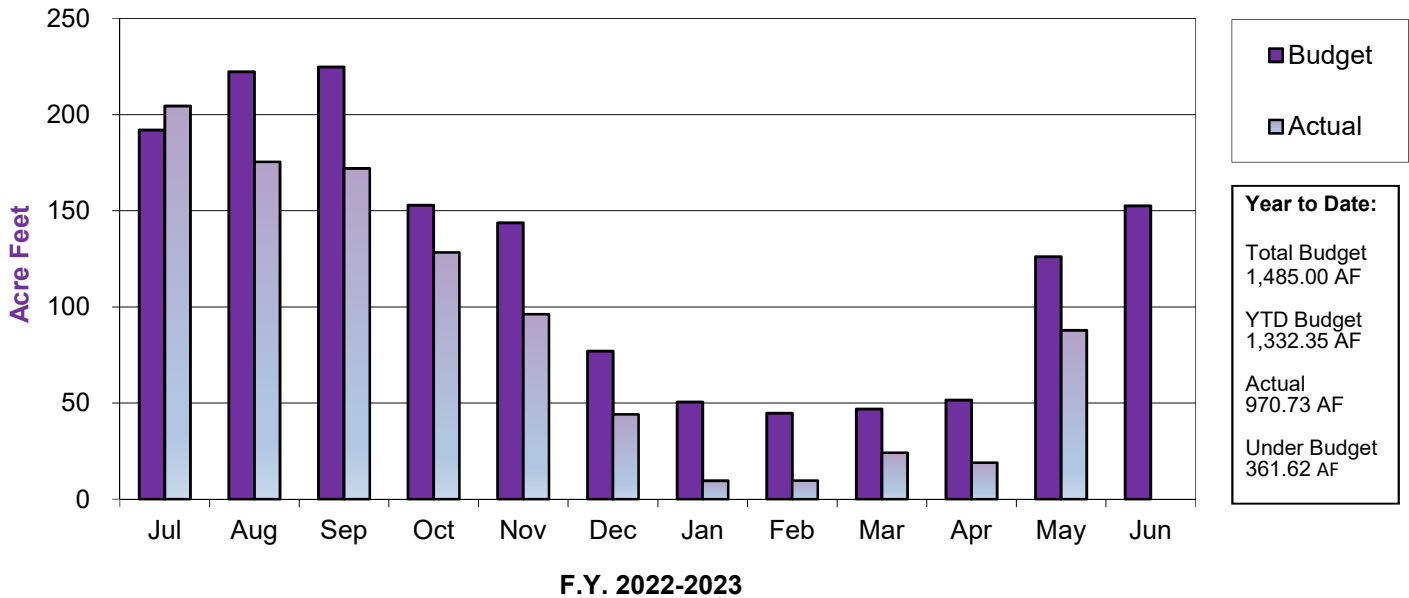
Actual domestic sales for the year-to-date as of May 31, 2023 are 5,264.18 acre-feet. This compares to year-to-date budgeted domestic sales of 6,088.47 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 824.29 acre-feet. Actual sales are 883.73 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of May 31, 2023 are 970.73 acre-feet. This compares to year-to-date budgeted recycled sales of 1,332.35 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 361.62 acre-feet. Actual sales are 467.40 acre-feet lower than last year-to-date actual sales for the same period.

POTABLE WATER SALES



RECYCLED WATER SALES



Customer Service Activity Report

Regular Service Calls	MAY 2023	MAY 2022	Telephone Calls	MAY 2023	MAY 2022
Serviceman Dispatched to Read, Connect/Disconnect Service	104	67	Change of Service: Connections and Disconnections	76	76
Field Investigations:			Billing / Payments & Graph Inquires	168	164
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	28	2
Customer Responsible	21	16	Variance / Adjustment Inquiries	7	15
District Responsible	17	9	Variance / Adjustment Requests Processed	0	3
None found/other	16	9	Ordinance Infraction / Water Waste Complaints	3	5
High Reads Checked - High Consumption (Billing Dept.)			Outside Utility Districts	41	57
Cust Leaks: 6 No Leaks: 13	19	7	Phone calls Transfer to other Departments within ETWD	47	71
Check Stopped Slowed Meters-Low Consumption (Billing)	15	1	Phone calls for the Board of Directors	0	2
Re-Check Read	5	2	Recycled Water	0	0
Ordinance Infraction	0	4	Water Quality Taste - Odor - Color	4	1
Recycled Water	1	0	Leaks / Breaks	26	18
Water Quality: Taste / Odor / Color	5	2	Construction Meter calls (Hydrant)	4	1
Phone response: _4_ Field response: _1_			Sewer Problems (odor / spills)	1	1
Construction (Hydrant) Meters issued	3	2	Backflow / Cross Connection (questions or yearly testing forms)	1	3
Sewer - Odor/Stoppage/ Manhole Covers	1	2	ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	2	3
Meter Box: Lids / Covers Replaced	13	12	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	0
Meter Box Clean, Digout	6	7	ATT Calls (access to tower sites)	0	0
Raised Meter Box	1	0	SCE Calls (access to tower sites)	1	0
Trim Bushes / Meter Obstruction	26	38	Pager Calls specifically for Pump Stations - SCADA	0	0
General Maintenance Response	8	4	Payment Extensions	12	11
Fire Hydrants: Hit / Leaks / Caps	3	4	Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	179	241
Pressure(psi) Checks / Reads	2	2	Return Calls from customers left on our voice mail system. Ext 500	11	2
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	12	7	Email Correspondence: Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	48	48
AMS angle-meter-stop replace/repair	0	3	Misc. (other: employment, deliveries, sales calls)	7	13
Bees Removed	1	2		23	20
Backflow / Cross Connection	8	7	Payment Processing Fee Complaints	0	0
Fogged Registers	52	29	Customers Complaints non bill related.	0	0
OMCOP: Old Meter Change - Out Program	2	7	Billing Disputes	0	0
Other: (uncommon non-maintenance calls)	6	6			
On-Call After Hrs. CS Response	13	20			
# Posting Notice & 24 Hr. Door Hangers Hung	40	0			
#Shut Offs/Disconnect for Non-Payment (DNP)	6	0			
Removed Meter	0	0			
New Meter	0	0			
Unread Meters	4	2			
Total Field Investigations	410	271	Total Telephone Calls	689	757
Uncollectible Accounts:			Credit Card Payments	MAY 2023	MAY 2022
Budget YTD	\$ 18,333.00	\$ 18,333.00	REGULAR	1,454	\$224,146.52 1,060
Actual YTD	\$ 10,891.00	\$ 1,794.00			\$199,060.78

(WRP) Tertiary Treatment Plant

May-23

Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q, MGD	0.223	0.731	0.095	1.049
Total Q, MG	6.911	22.658	2.935	32.504
Total Acre Feet	21.209	69.535	9.007	99.751
Note: We used a total of 1,623,620 gallons of Potable Water				
to supplement the demand for recycled water in the month of May.				

Weekly Water Quality System Status

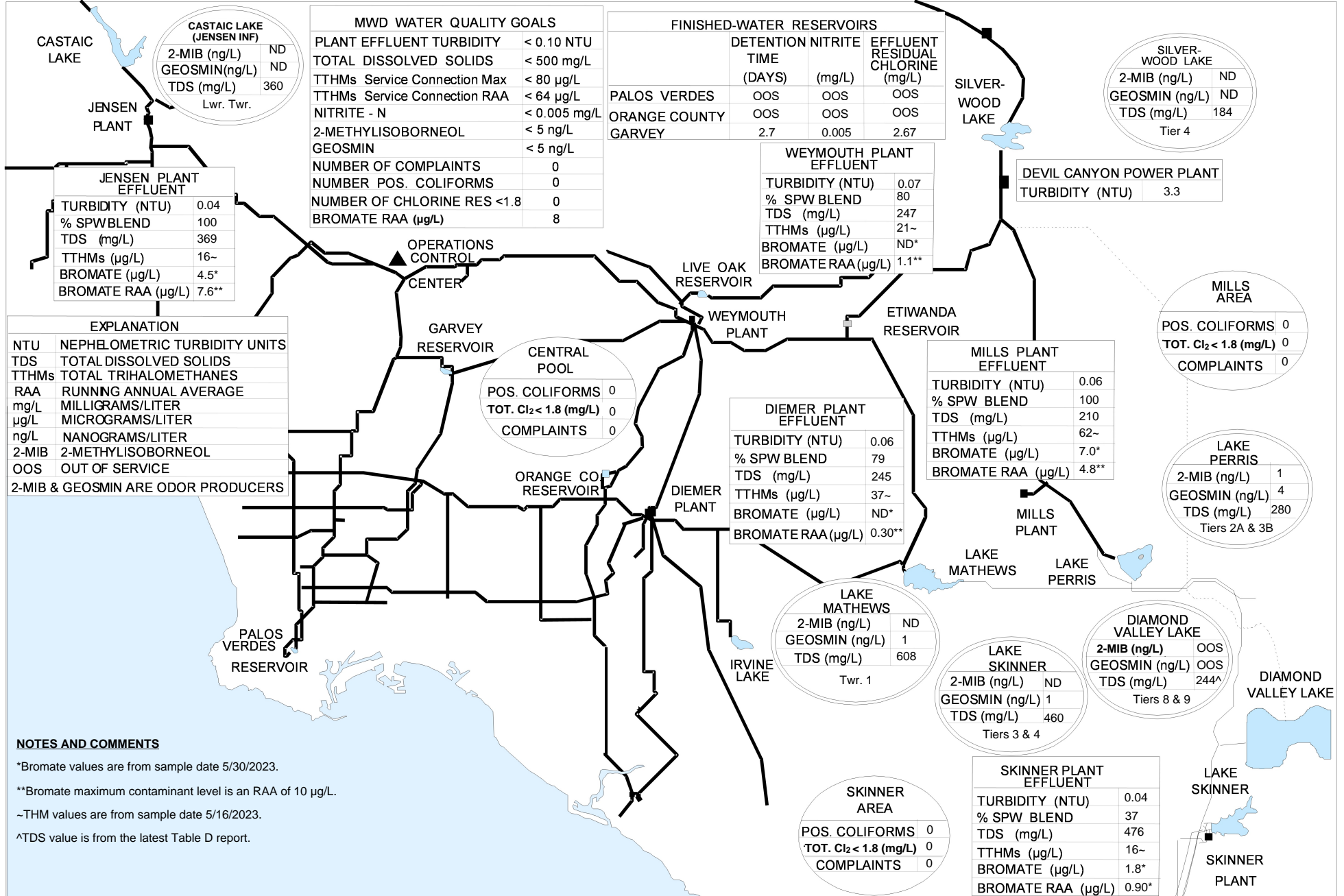
Wednesday, June 7, 2023

Generated On:6/7/2023 2:54:49 PM



THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

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



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

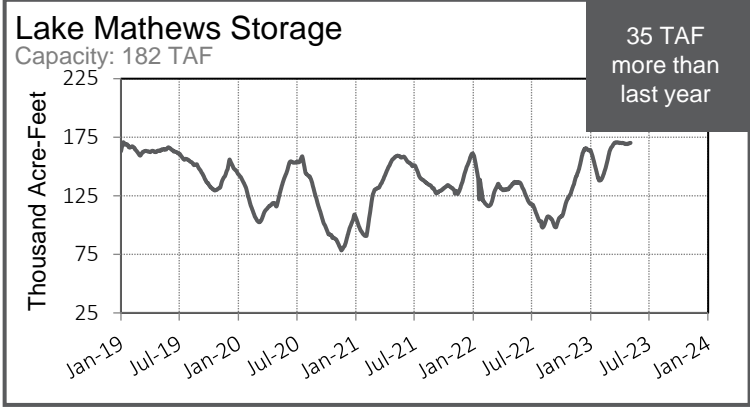
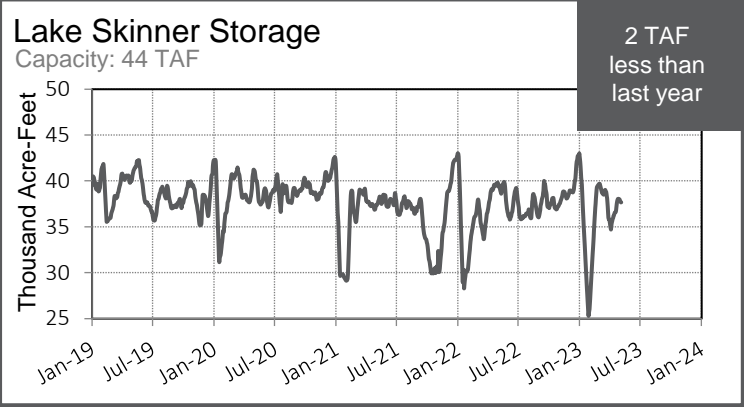
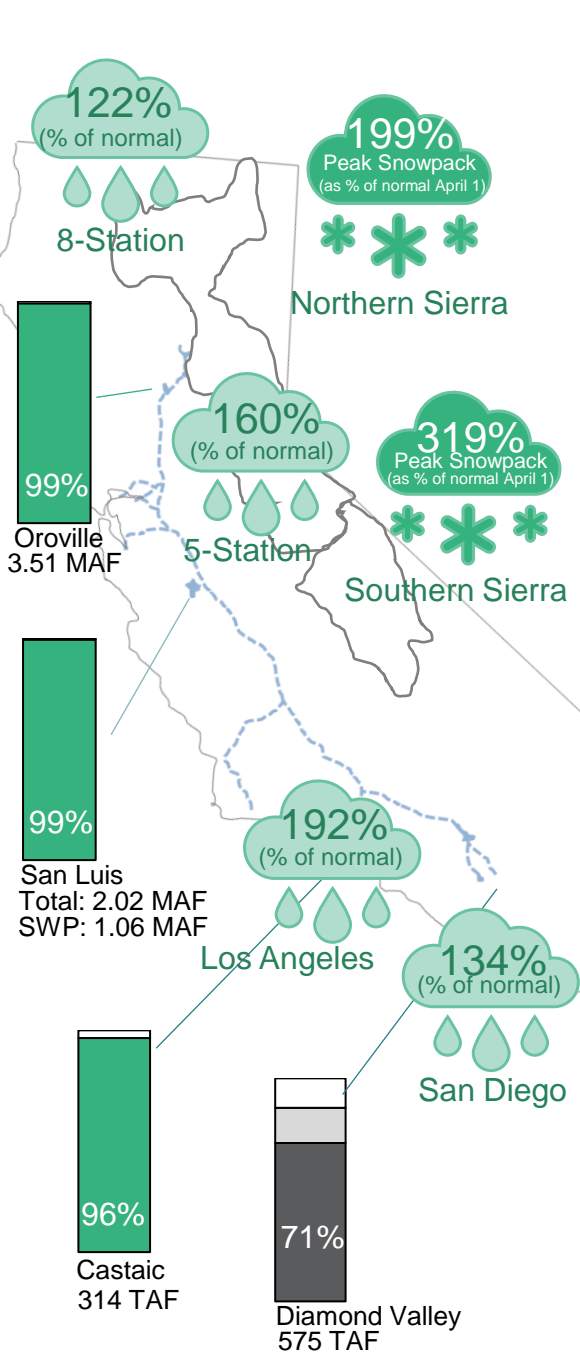
WATER QUALITY INFORMATION LINE: (800) 354-4420
VISIT MWD ON THE WEB AT <http://www.mwdh2o.com>



SWP Table A – 100% - 1,911,500 AF

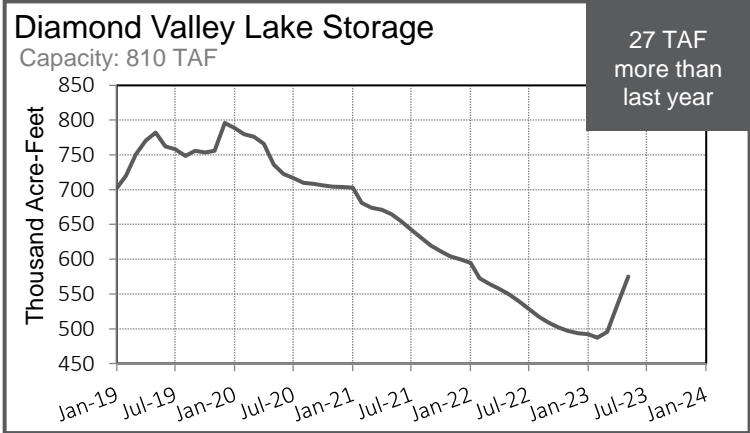
Projected CRA Diversions – 832,000 AF

Metropolitan Resources



MWD WSDM Storage
Calendar Year 2023

	2023 Put Capacity
Colorado River Aqueduct Delivery System	400 TAF
State Water Project System	720 TAF
In-Region Supplies and WSDM Actions	404 TAF
Other Programs	189 TAF
Total WSDM Storage Put Capacity	1,713 TAF



Highlights

- SWP allocation is 100% of contractual amounts (Table A)
- Lake Oroville and San Luis Reservoir are both at capacity
- Lake Powell gained 2.5 MAF in the past month



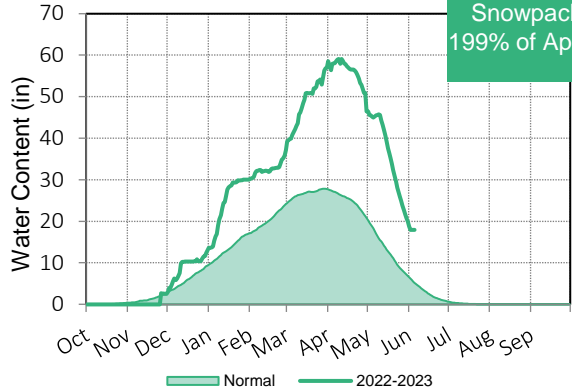
This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state,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

State Water Project Resources

As of: 06/04/2023

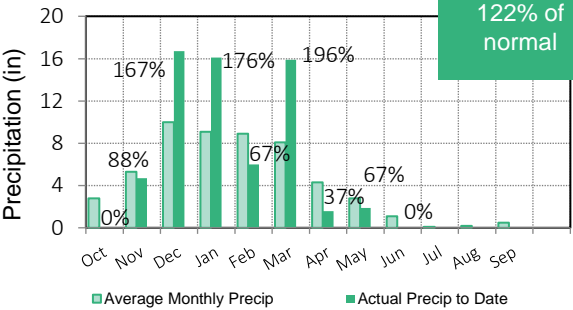
Northern Sierra Snowpack

Peak
Snowpack:
199% of April 1



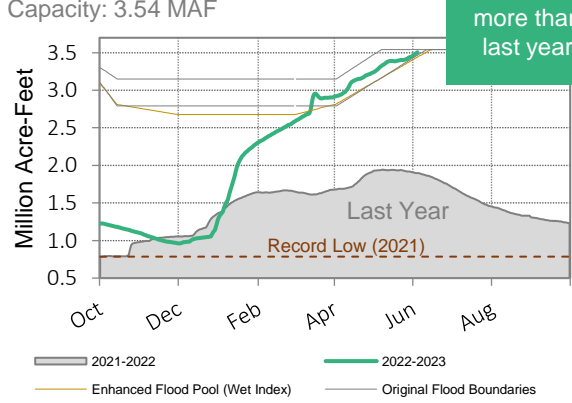
8 Station Index Precipitation

62.9 in
122% of
normal



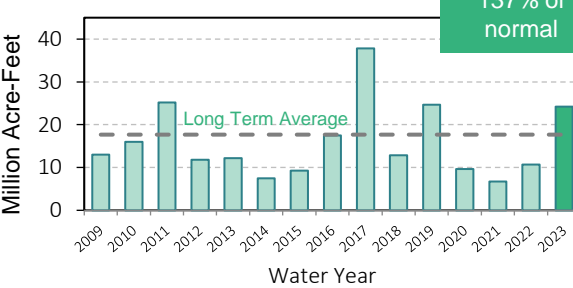
Oroville Reservoir Storage

Capacity: 3.54 MAF
1.61 MAF
more than
last year



Sacramento River Runoff

Forecast:
137% of
normal

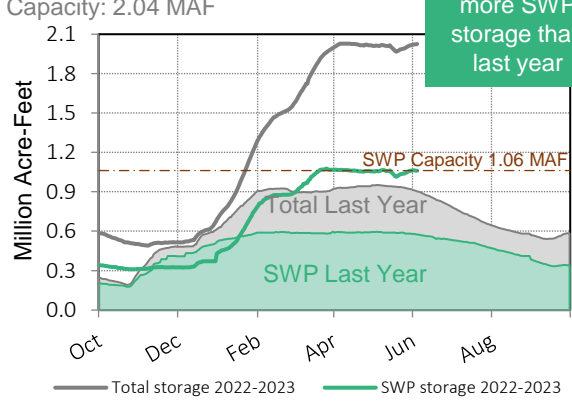


Other SWP Supplies Calendar Year 2023

Carryover 39,000 acre-feet
Article 21 134,000 acre-feet

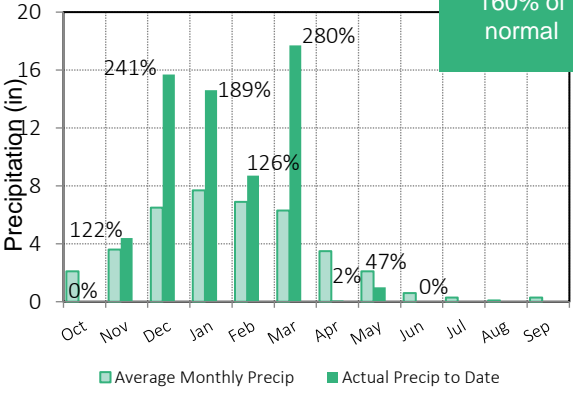
San Luis Reservoir Storage

Capacity: 2.04 MAF
488 TAF
more SWP
storage than
last year



5 Station Index Precipitation

62.2 in
160% of
normal

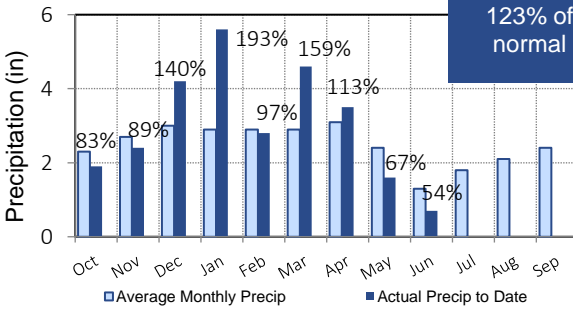


Colorado River Resources

As of: 06/04/2023

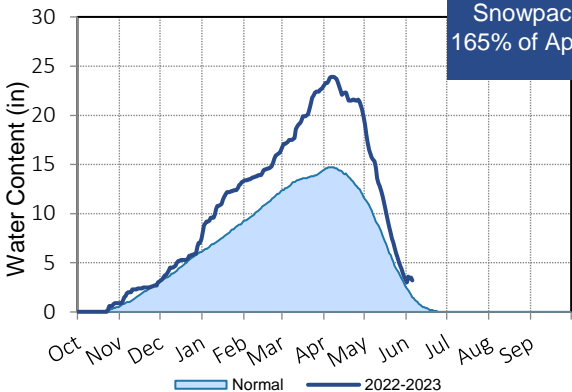
Upper Colorado Precipitation

25.9 in
123% of
normal



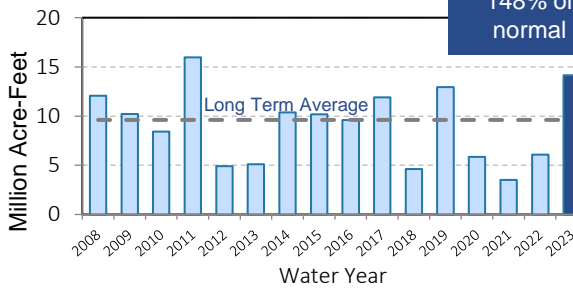
Upper Colorado Snowpack

Peak
Snowpack:
165% of April 1



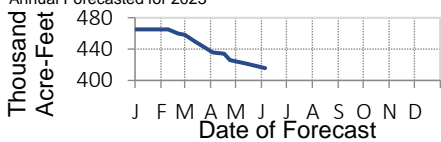
Powell Unregulated Inflow

Forecast:
148% of
normal



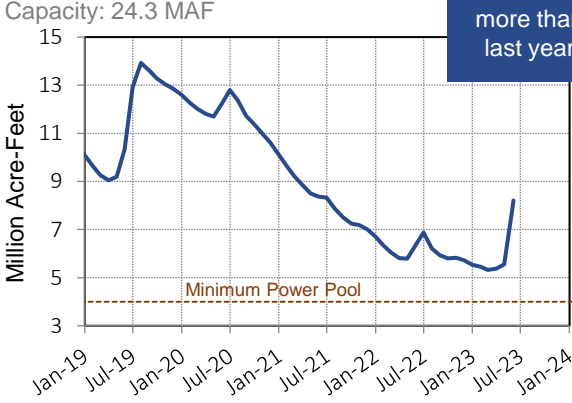
PVID/Yuma Agricultural Use

Forecasted
Use for 2023:
415 TAF



Lake Powell Storage

Capacity: 24.3 MAF
1.74 MAF
more than
last year



Projected Lake Mead ICS

Calendar Year 2023

Put (+) / Take (-)
TBD

Lake Mead Surplus/Shortage Outlook

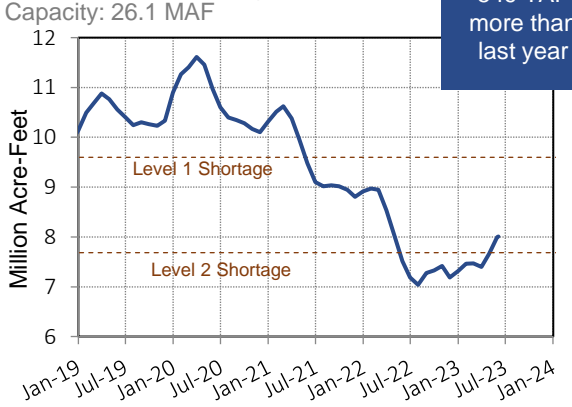
	2023	2024	2025	2026
Surplus	0%	0%	0%	0%
Shortage	100%	93%	57%	47%
Metropolitan			3%	16%
DCP*			180 TAF	252 TAF

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

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

Lake Mead Storage

Capacity: 26.1 MAF
549 TAF
more than
last year



EL TORO WATER DISTRICT COLLECTION SYSTEM ACTIVITY REPORT



MONTH ENDING: **MAY** **2023**

ODOR COMPLAINTS	MONTHLY	ANNUAL	LOCATION, ORIGIN, ACTION:		
Outside Laguna Woods Village	0	16			
Laguna Woods Village	0	3			
New World	0	0			
Private System	0	0			
Other: WRP	0	0			
TOTAL	0	19			
ROOT FOAMING	FOOTAGE	CHEMICAL 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	COMMENTS:			
Outside Laguna Woods Village	0				
Laguna Woods Village	0				
New World	0				
TOTAL	0				
HYDRO-CLEANING ¹	MONTHLY FOOTAGE	TOTAL CYCLE FOOTAGE	TOTAL CYCLE COMPLETE	PERCENT OF CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 2 YEAR CYCLE
Outside Laguna Woods Village	39,618	344,431	192,386	56%	23%
Laguna Woods Village	0	263,336	0	0%	23%
New World	0	7,728	0	0%	23%
Private System	0		0		
TOTAL	39,618	615,495	192,386	31%	23%
Hot Spots	27,100		108,911		
COMBINED TOTALS:	66,718		301,297		
TV INSPECTIONS ²	MONTHLY FOOTAGE	TOTAL CYCLE	TOTAL CYCLE COMPLETE	PERCENT CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 5 YEAR CYCLE
Outside Laguna Woods Village	11,641	344,431	220,797	64%	36%
Laguna Woods Village	0	263,336	3,321	1%	36%
New World	0	7,728	17,270	223%	36%
Private System	0		0		
Other	0		0		
TOTAL	11,641	615,495	241,388	39%	36%
Wet Well Cleaning	0				
Flow Meter/Sampling	0				
Water Tank Fills	67	67,000			
1. The Hydrocleaning Objective is a 2 Year Cycle to Clean the Entire System. The current cycle began on 07/01/2022					
2 The TV Inspection Objective is a 5 Year Cycle to Inspect the Entire System. The current cycle began on 01/25/2021					

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

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

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

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

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

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

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

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

EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS					
MONTH:		May	YEAR : 2023		
CONSTITUENT ANALYSIS		INSIDE LAB		OUTSIDE LAB	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	169	Absence		Average
2 Chlorine (ppm) In Field	Detectable Resid	144	Average = 1.83 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb				ppm
3 HAA5 (ppb) (Stage 2)	60 ppb				ppm
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.01 to 0.09 Res.		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	62°F To 75°F		
5 Nitrite (Alert/Action level) ppm	0.015 to 0.030 ppm	135	0.002 to 0.372		

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

MICROBIOLOGICAL MONITORING

May 2023

PRESSURE ZONE LEGEND

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

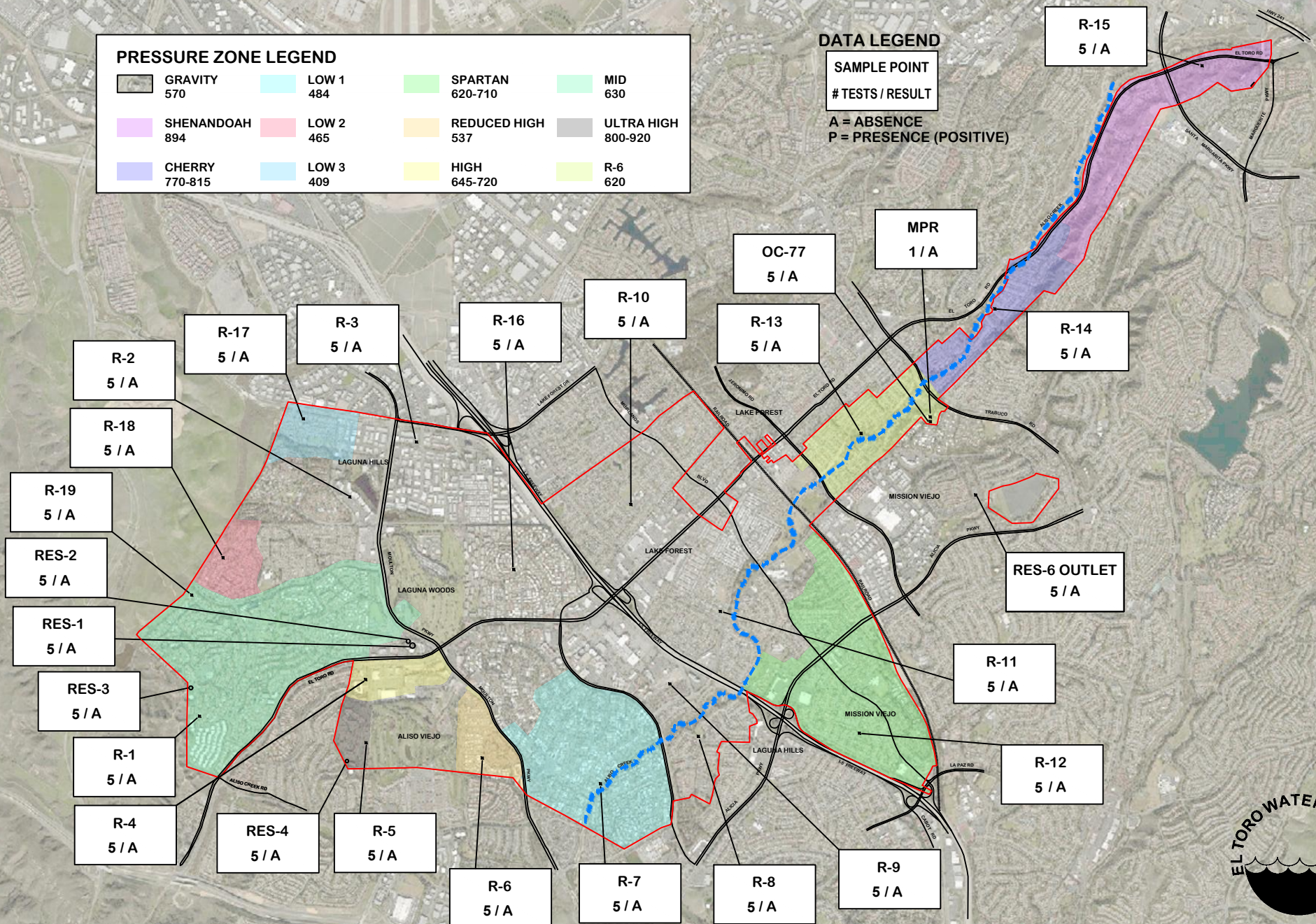
DATA LEGEND

SAMPLE POINT

TESTS / RESULT

A = ABSENCE

P = PRESENCE (POSITIVE)



CHLORINE RESIDUAL MONITORING

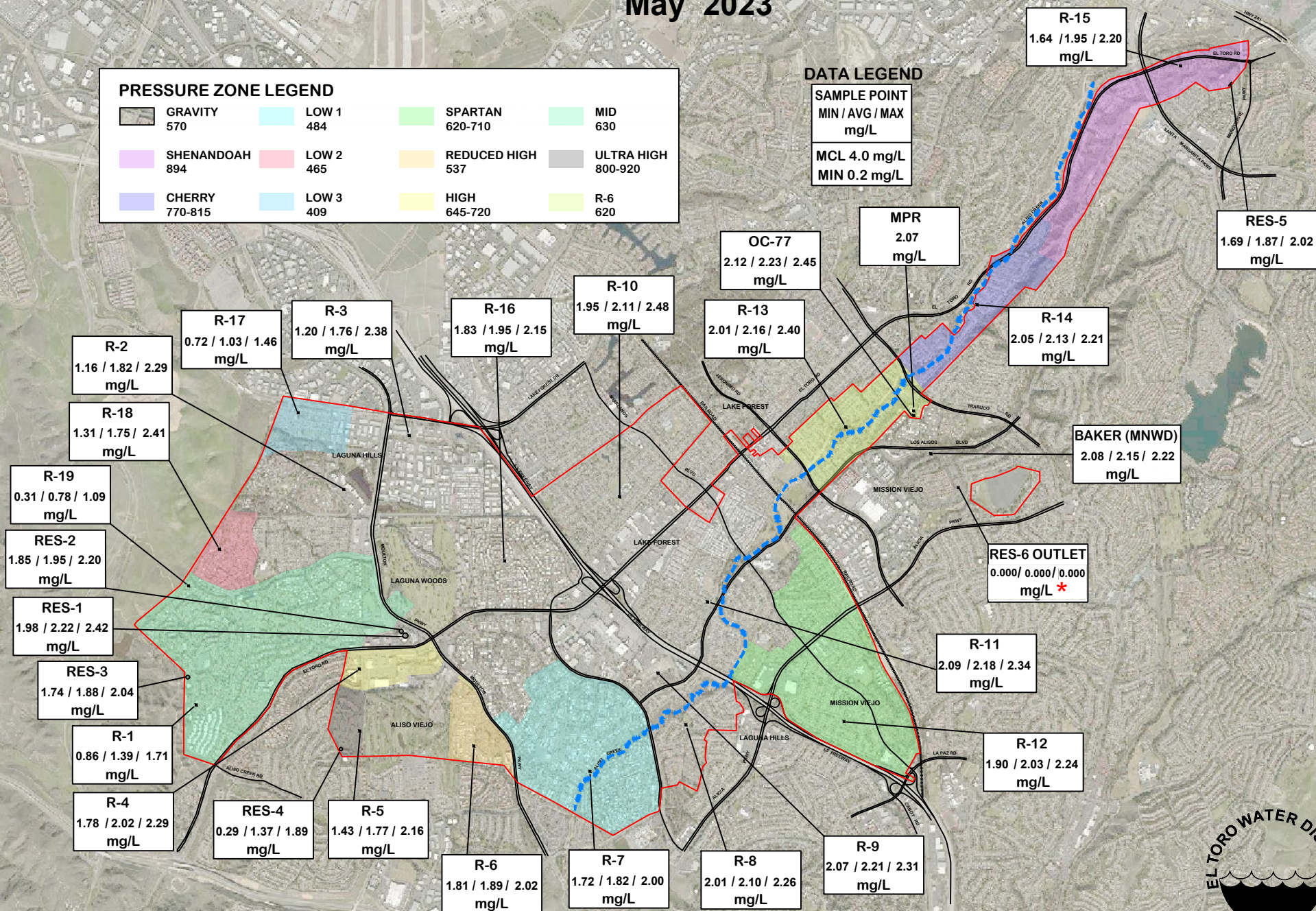
May 2023

PRESSURE ZONE LEGEND

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

DATA LEGEND

SAMPLE POINT
MIN / AVG / MAX mg/L
MCL 4.0 mg/L
MIN 0.2 mg/L



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



FLUORIDE MONITORING

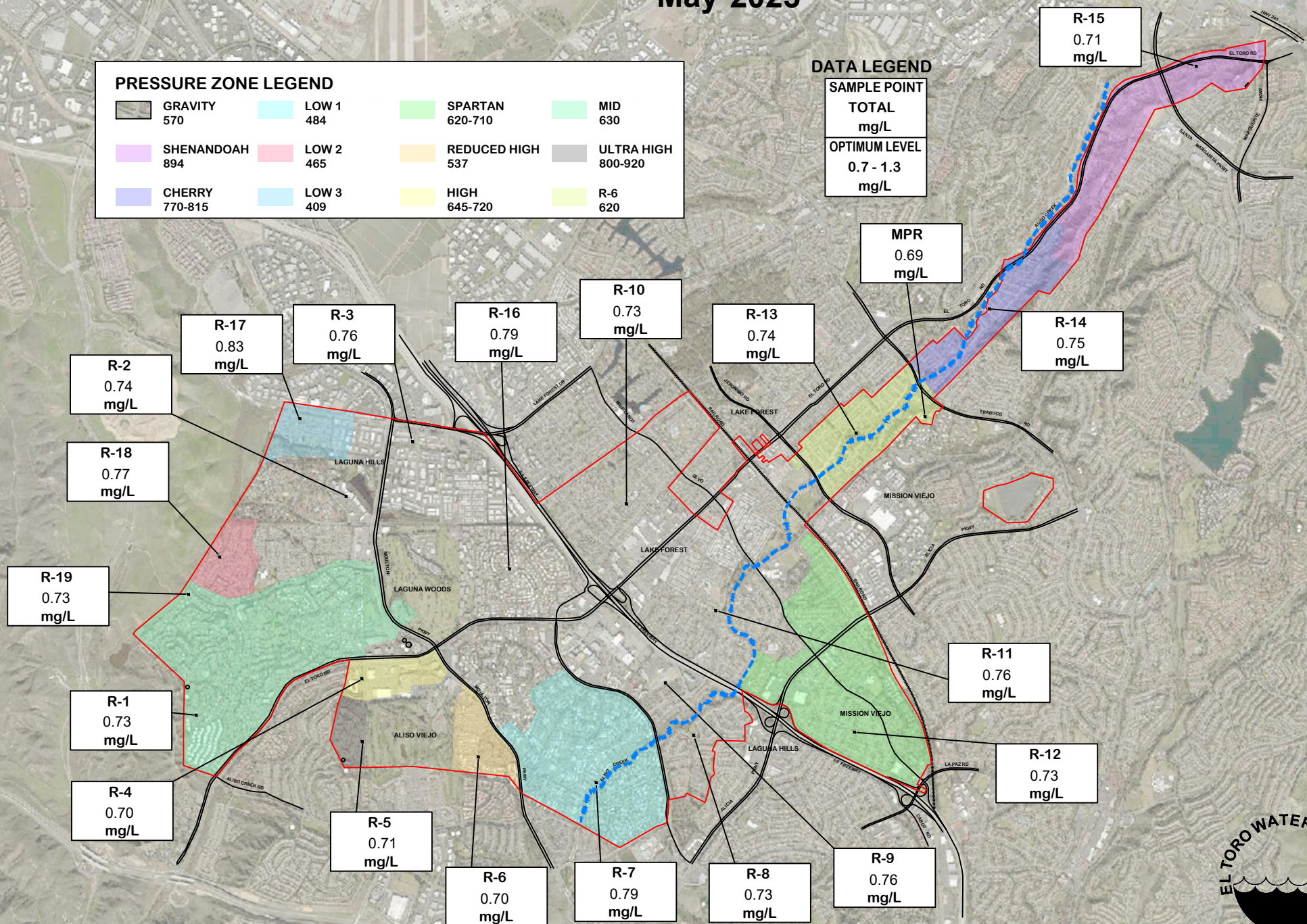
May 2023

PRESSURE ZONE LEGEND

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

DATA LEGEND

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



NITRITE MONITORING

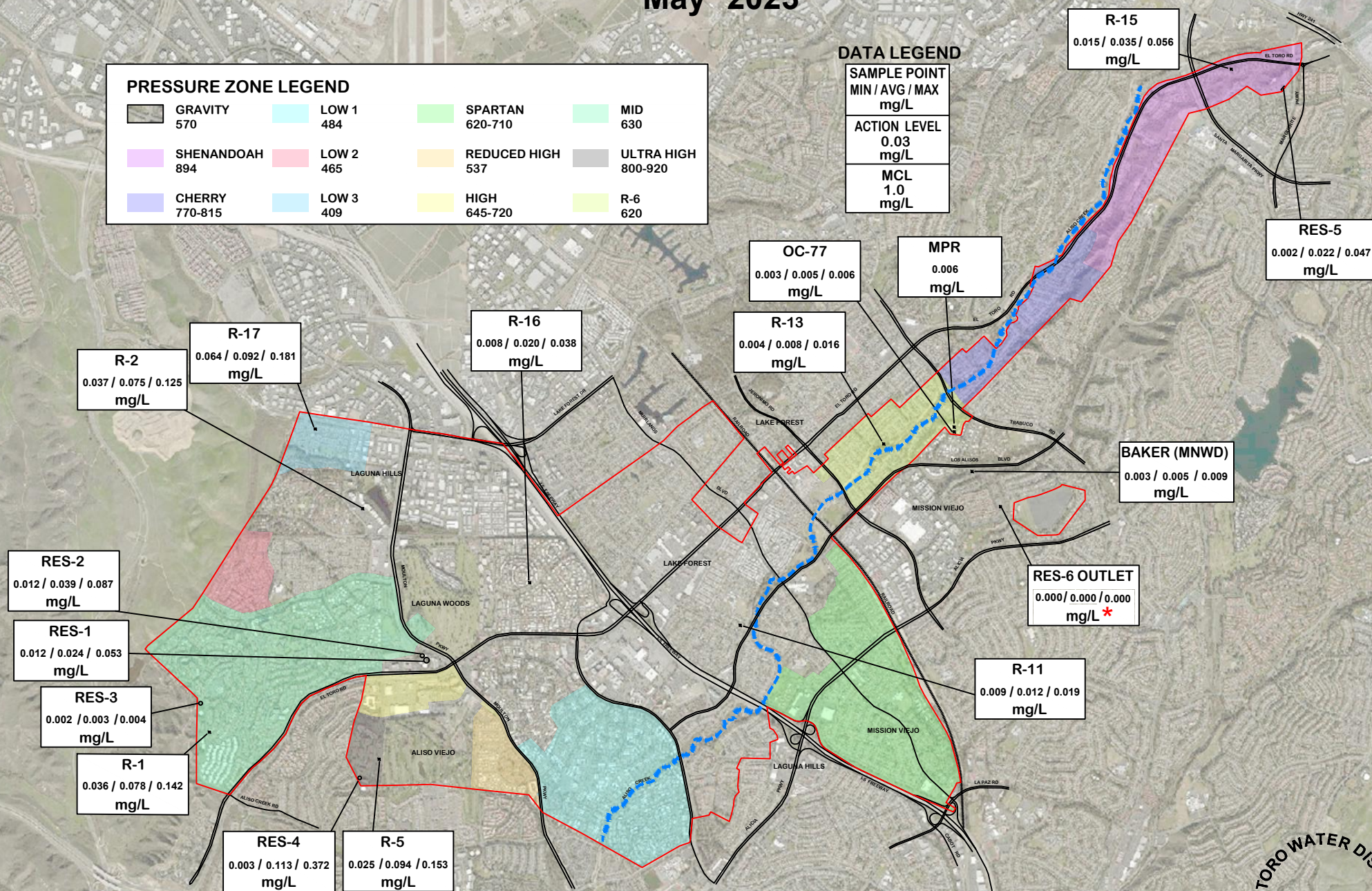
May 2023

PRESSURE ZONE LEGEND

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

DATA LEGEND

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



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



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

[illegible]

WILL SERVE SUMMARY REPORT

May 2023

PROJECT NAME	PROJECT DESCRIPTION	PHASE	CFF
Arbors Access Ramp	Adding a 1-1/2" water service connection with backflow protection and connecting to the existing private sewer service	Construction	\$ 28,785
Burger Town Sewer Connection	Addition of a 4" sewer lateral	Construction	\$ -
Laguna Woods City Hall-Library Project	Addition of a 2,100 sq ft single story library with relocated fire service and relocating a fire hydrant	Close-Out	\$ 4,391
The Village at Laguna Hills (Demo Phase)	Demolition of the various sized water services, irrigation services, fire services, and sewer services at the former mall site.	Close-Out	\$ -
The Village at Laguna Hills (Retail Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$ -
The Village at Laguna Hills (Central Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$ -
The Village at Laguna Hills (Southern Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$ -
Womens Health Pavilion	New construction of a health pavilion with water services, irrigation services, sewer services, and fire water services.	Close-Out	\$ 21,856
Laguna Hills Inn Fire Sprinkler Upgrade	Fire System upgrades including conversion of a fire hydrant to private and addition of a 6-inch DCDA	Construction	\$ -
Mercado El Rey Expansion	Expansion of the market	Plan Check	Not Yet Calculated
Moulton Parkway Commercial Kitchens	Upgrade the existing domestic service, sewer service and installation of a DCDA.	Plan Check	Not Yet Calculated
Oakbrook Village REI	Addition of a backflow prevention device	Construction	\$ -
Moulton Plaza Optum Physical Therapy	Addition of a backflow prevention device		\$ -
Lunar Orthodontics	Addition of a backflow prevention device	Plan Check	\$ -
25376 Maximus Group Home	Upgrading the water service	Plan Check	Not Yet Calculated



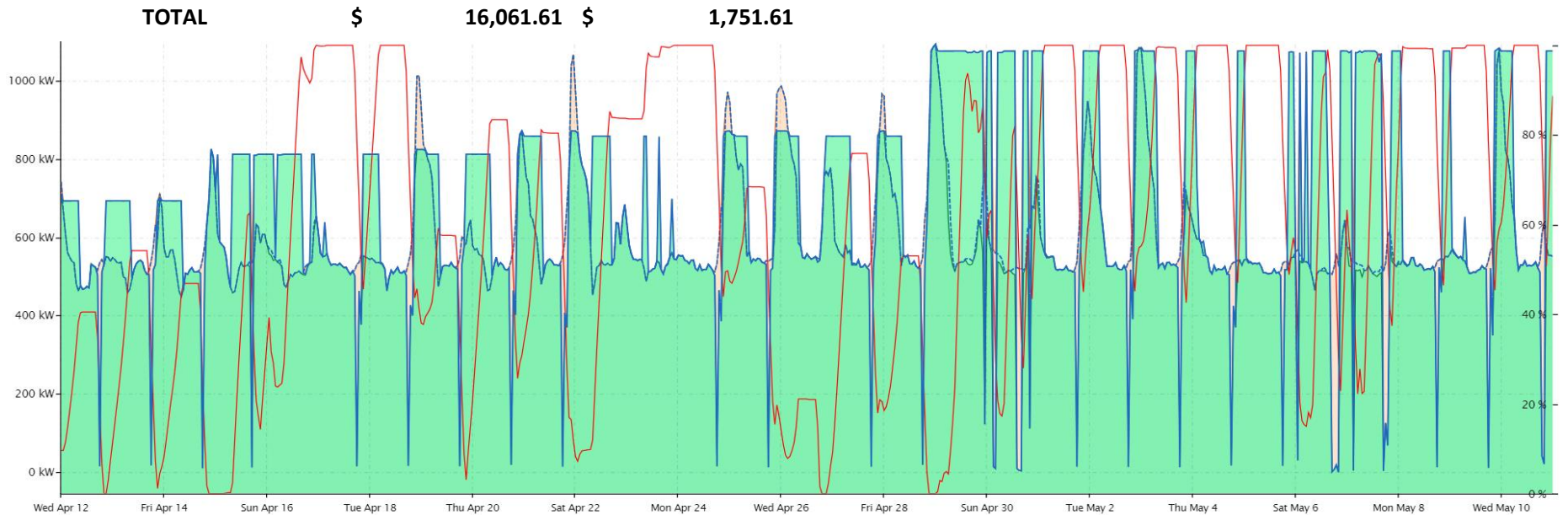
WRP BATTERY STORAGE SYSTEM

MONTHLY REPORT

May 2023

Year 4

BILLING PERIOD		BILL SAVINGS		NET SAVINGS
08/12/22 - 09/12/22	\$	8,142.76	\$	6,552.76
09/13/22 - 10/12/22	\$	2,943.86	\$	1,353.86
10/13/22 - 11/13/22	\$	2,083.92	\$	493.92
11/13/22 - 12/13/22	\$	1,960.66	\$	370.66
12/14/22 - 01/12/23	\$	(3,571.97)	\$	(5,161.97)
01/12/23 - 02/12/23	\$	311.28	\$	(1,278.72)
02/11/23 - 03/14/23	\$	2,755.08	\$	1,165.08
03/14/23 - 04/12/23	\$	1,994.90	\$	404.90
04/12/23 - 05/11/23	\$	(558.88)	\$	(2,148.88)



Sewerage Treatment Plant

23542 Moulton Pkwy, Laguna Woods, CA 92637



Savings Report - 2023-05

Apr 12, 2023 - May 11, 2023

SCE TOU 8 Option D (< 2kV)

Demand Charges	Before Storage		After Storage		Savings	
Maximum Demand Charges	1,099kW	\$23,130.30	1,099kW	\$23,138.16	(0)kW	\$(7.86)
Winter Mid-Peak (Weekdays)	758kW	\$7,597.08	761kW	\$7,623.22	(3)kW	\$(26.14)
Sub-total		\$30,727.38		\$30,761.38		\$(34.00)
Energy Charges	Before Storage		After Storage		Savings	
Winter Mid-Peak	79,199kWh	\$10,421.82	36,916kWh	\$4,857.73	42,284kWh	\$5,564.09
Winter Off-Peak	203,671kWh	\$26,695.20	237,974kWh	\$31,191.23	(34,302)kWh	\$(4,496.03)
Winter Super Off-Peak	119,884kWh	\$10,253.66	138,508kWh	\$11,846.61	(18,624)kWh	\$(1,592.94)
Sub-total		\$47,370.68		\$47,895.56		\$(524.88)
Other Monthly Charges	Before Storage		After Storage		Savings	
Customer and Other		\$345.98		\$345.98		\$ -
Sub-total		\$345.98		\$345.98		\$ -
Total	Before Storage		After Storage		Savings	
		\$78,444.04		\$79,002.91		\$(558.88)

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



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

From: Natural Resource Results

RE: Monthly Board Report – May 2023

Debt Limit

Over the Memorial Day weekend, President Biden and Speaker McCarthy struck a deal to raise the nation's debt limit. The agreement would:

- Increase defense spending by roughly 3% for fiscal year 2024 and allows for a 1% increase in fiscal year 2025.
- Force a 1% cut across the board if Congress does not pass all 12 of the annual appropriations bills.
- Hold discretionary spending flat at roughly fiscal year 2023 levels.
- Claw back \$21.4 billion that was given to the IRS in the Inflation Reduction Act.
- Add additional work requirements to certain federal nutrition assistance programs.
- Claw back \$30 billion in unspent federal COVID funding.
- Make slight changes to NEPA by allowing any federal agency to adopt a Categorical Exclusion (CE) that is used by another federal agency, require Environmental Impact Statements (EIS) to be completed in 2 years with a 300-page limit, shorten the statute of limitations for NEPA lawsuits from 6 years down to 2 years, and requires that a litigant must have participated in the NEPA process in order for their lawsuit to have standing.

The bill does not touch the \$4 billion that the Bureau of Reclamation received from the Inflation Reduction Act.

Waters of the United States (WOTUS)

The Supreme Court finally ruled in the *Sackett v. EPA* case which essentially invalidates the Administration's recent WOTUS rule that went into effect on March 20th. The majority opinion, which was led by Justice Alito found "The Clean Water Act (CWA) extends to only those wetlands with a continuous surface connection to bodies that are waters of the United States in their own right, so that they are indistinguishable for those waters."

The ruling threw out the "significant nexus" test that had been the ruling WOTUS test since the *Rapanos* decision, stating that the CWA never mentions the test, therefore EPA has no statutory authority to impose it. The ruling also stated that the boundary between significant and insignificant nexus is far from clear.

The Principal Concurrence (agreement in judgment only) was led by Justice Kavanaugh and agreed with doing away with the “significant nexus” test but stopped short of agreeing with the new continuous surface connection test requiring wetlands to be “adjoining” waters of the United States.

While the Administration has not made any public statements as to how it will proceed after the ruling, they will need to go back to the drawing board to rewrite their recently finalized rule.

WEROC

With the appropriations process delayed until Congress addresses the debt limit, we are in limbo with our earmark request. Whenever the House Appropriations Committee resumes its markups of the annual spending bills, we will be able to determine whether we made it into the bill or not.

Colorado River

The Lower Basin States came up with a proposal that is supported by the Bureau of Reclamation that would conserve nearly 3 million acre-feet of water over the next three years, providing a stop-gap measure until the Basin States can work on a long-term deal to manage the reservoirs after 2026. The proposal is in response to the BOR’s Supplemental Environmental Impact Statement and Reclamation will now analyze the proposal and publish an updated draft assessment.

STREAM Act

Senator Feinstein is circulating a discussion draft of a bill that she introduced in the 117th Congress, the Support to Rehydrate the Environment, Agriculture and Municipalities Act (STREAM Act). A section-by-section of the legislation is attached to this report.

Section-by-Section Analysis of “STREAM Act”

Draft, May 2023

- Section 1, Short Title; Table of Contents, indicates that this Act may be cited as the “Support To Rehydrate the Environment, Agriculture, and Municipalities Act” or the “STREAM Act”.
- Section 2, Definitions, includes important definitions of key terms, including:
 - Non-Federal storage project, which is any project in a Reclamation State that—
 - (A) involves the construction, expansion, or repair by an eligible entity of—
 - (i) a surface or groundwater storage project that is not federally owned;
 - (ii) a facility that is not federally owned conveying water to or from surface or groundwater storage; or
 - (iii) a natural water retention and release project; and
 - (B) provides a benefit in meeting any obligation under applicable Federal law (including regulations). Section 2(9).
 - Natural water retention and release projects, which use primarily natural processes and features, like wetlands, to allow increased utilization of existing storage facilities through aquifer recharge, floodplain retention, and altering the timing of runoff. Besides enhancing water supplies, these multi-benefit projects typically also promote ecosystem restoration and flood protection. Section 2(8).
 - Federal benefits. Section 2(8). As applied to storage, water recycling, and desalination projects, this term means
 - 1) public benefits provided directly by the project;
 - 2) fish and wildlife or water quality public benefits provided by the implementation of a watershed restoration plan approved together with the project, if there is an increased Federal commitment to pay for public benefits in the watershed as compared to such Federal commitments prior to the date of approval of the project; or
 - 3) water supply benefits identified pursuant to reclamation law.
 - Public benefits. Section 2(10). This term is defined to include:
 - 1) traditional non-reimbursable costs - fish/wildlife including refuges, flood control, recreation, water quality, etc.;
 - 2) drinking water supply for disadvantaged communities;
 - 3) emergency drinking water supply used in response to a gubernatorial disaster declaration; and
 - 4) energy benefits, including the value of associated greenhouse gas reductions and any reduction in energy costs for federal taxpayers.

Many of these key terms are further discussed below in the analysis of section 103, Storage and Conveyance Projects.

Title I, Infrastructure Development

- Section 101, Storage and Conveyance Projects
 - **This section authorizes funding for non-Federal storage projects. It uses the Title XVI precedent of non-reimbursable funding for water supply where the project provides multiple benefits including environmental benefits within the watershed.**
 - Section 101 is framed as an amendment to the provisions of section 4007 of the Water Infrastructure Improvements for the Nation Act (43 U.S.C. 390b note; Public Law 114-322).
 - Section 101 extends section 4007 as applied to State-led storage projects, but does not extend section 4007 as applied to Federally-owned storage projects.
 - Section 4007(b)(1) as amended would replace the term “State-led storage project” with “non-Federal storage project”, because tribes are eligible to seek funding for such projects.
 - Surface and groundwater storage, conveyance, and natural water retention and release projects are eligible per the definition of “non-Federal storage projects” in section 2(9).
 - Section 4007(b)(2) as amended would authorize construction of non-Federal storage projects other than natural water retention and release projects if
 - The eligible entity demonstrates that the project is feasible and provides a Federal benefit;
 - The eligible entity has sufficient funding to complete the project and is solvent; and
 - The Governor of the relevant State (or sponsoring Indian tribe for tribal projects) supports Federal funding of the project.
 - Section 4007(b)(3) would continue to require compliance with environmental laws for Federal participation in a non-Federal storage project.
 - Section 4007(b)(4) would continue to authorize the Secretary to rely on reports prepared by the non-Federal entity as long as the Secretary retained responsibility for making the determinations in paragraph 4007(b)(2).
 - Section 4007(b)(5) as amended would authorize natural water retention and release projects:
 - for projects costing less than \$10 million, the eligible entity must show that the project will help optimize the storage or delivery of water in a watershed in which a Bureau of Reclamation facility is located; and

- for projects costing over \$10 million, there must also be a credible estimate of the quantify of the storage benefit.
- Section 4007(b)(6) as amended would limit the Federal cost-share to \$250 million for non-Federal storage projects authorized by this section.
- Sections 4007(b)(7) and (8) as amended address the maximum Federal cost-share and reimbursability of Federal funding:
 - **The Federal cost-share shall not exceed 25 percent of the total cost of the project** (with the exception of natural water retention and release projects, which can have up to a 90% Federal cost-share).
 - **Any funding under the program for the value of public benefits shall be considered nonreimbursable.**
 - **Public benefits are defined in Section 2(10) as either**
 - 1) public benefits provided directly by the project; or**
 - 2) fish and wildlife or water quality public benefits provided by the implementation of a watershed restoration plan approved together with the project,** if there is an increased Federal commitment to pay for public benefits in the watershed as compared to such Federal commitments prior to the date of approval of the project.
 - **Water supply benefits are generally reimbursable, except that water supply benefits are nonreimbursable** up to the extent that the value of the water supply benefits is equal to the value of public benefits described above that are fish and wildlife or water quality benefits.
 - To give an example, this means that if a project sponsor is seeking \$100 million in federal funding for a \$400 million non-Federal storage project, the sponsor can get that \$100 million funding on a non-reimbursable basis if there is \$50 million in public benefits from either the project itself or other projects as part of a watershed restoration plan approved with the project, and then an equal \$50 million in water supply benefits from the project if the public benefits include at least \$50 million in fish and wildlife or water quality benefits. Some examples of fish and wildlife or water quality benefits from a watershed plan could include:
 - water leasing during a dry year, water sharing agreements, water banking, ongoing water conservation, and related activities if they provide fish and wildlife or water quality benefits;
 - environmental restoration projects; and
 - natural water retention and release projects.
- If nonreimbursable funding is less than 25 percent of the total cost of the eligible project, **the Secretary may provide reimbursable funds to an eligible entity for the value of any water supply benefits identified pursuant to reclamation law** (as described in section 2(6)(D)) up to the limit of 25 percent of the total project cost.

- Section 4007(b)(9) as amended would establish funding priority for a project that has 2 or more of the following: 1) substantial multiple benefits, 2) reductions in environmental impacts from water projects, 3) multi-state benefits, 4) collaborative development and support by multiple stakeholders; or 5) is located in a watershed where an integrated, comprehensive watershed management plan.
- Section 4007(e) as amended would authorize \$750 million total in funding from FY 2025 through FY 2029 for:

1) non-Federal storage projects, including natural water retention and release projects, authorized pursuant to the provisions of this section;

2) storage projects that are eligible for study funding under section 40902(a)(1) of the Infrastructure Investment and Jobs Act, if for such projects the funding under this section is provided in accordance with the provisions of section 40902(b) and (c) of the Infrastructure Investment and Jobs Act; and

3) storage projects that have received construction funding under section 40902(a)(2) of the Infrastructure Investment and Jobs Act, if for such projects the funding under this section is provided in accordance with the provisions of section 40902(b) and (c) of the Infrastructure Investment and Jobs Act.

Any carryover storage funding appropriated pursuant to section 4007 of the WIIN Act may be used for the three categories of projects described above.

Because the \$750 million authorization in this section would become the general source of storage funding provided through annual appropriations, we believe it is appropriate to allow this pot to be used for projects that are eligible for study funding under the Infrastructure Investment and Jobs Act. In addition, if projects are partly funded for construction under the Infrastructure Investment and Jobs Act, we believe it is appropriate to use this general pot of storage annual appropriations to provide funding to move these projects closer to the completion of construction that has already begun. Note that if any funding from this storage pot is used for projects authorized to receive funding under the Infrastructure Investment and Jobs Act, then the restrictions on which projects can receive funding and the cost-sharing and reimbursability rules from section 40902 of the Infrastructure Investment and Jobs Act would all apply to that funding.

Under the amended section 4007(e), Congress does not need to approve funding awards for specific projects through designating the project by name in an enacted appropriations bill. Reclamation can award funding to projects from available appropriations, after competitively evaluating grant applications from eligible projects.

- Subsection 101(b) of the STREAM Act is a conforming amendment which reflects the fact that the STREAM Act is amending and extending sections 4007, 4009(a) and 4009(c) of the WIIN Act, so they no longer expire in 2021.

- Subsection 101(c) amends section 40902(a)(2)(C)(i) of IIJA to make potentially eligible for construction funding under IIJA two projects whose feasibility studies were authorized by IIJA, the Verde Reservoirs Sediment Mitigation Project and the Tualatin River Basin Project. The projects will have to comply with the requirements of section 40902(a)(2) of IIJA to become eligible for construction funding under IIJA.
- Subsection 101(d) grandfathers Federal and non-Federal storage projects that receive construction funding under the \$1.15 billion in storage funding in IIJA so they do not need further authorization to complete construction. Absent this provision, partly built projects might have to stop in the middle of construction to get Congressional authorization when section 40902 of IIJA expires in 2026.
- Subsection 101(e) reauthorizes the CALFED legislation through fiscal year 2027.
- Section 102, Annual Report to Congress
 - **This section requires the Commissioner of Reclamation to submit an annual report to Congress transmitting feasibility reports on Federal storage projects, and non-Federal storage projects with a federal investment exceeding \$250 million, for Congress to consider whether to authorize the projects.**
 - The basic idea of this section is modeled on the Section 7001 report that the Army Corps of Engineers submits to Congress for WRDA projects.
- **This section is intended to expedite approval of projects requiring Congressional authorization, by facilitating a “Reclamation WRDA” package of projects approved by the House and Senate authorizing committees.** If Congress chooses, this “Reclamation WRDA” package could be added to the WRDA bill each Congress.
- Section 103, Competitive Grant Program for the Funding of Water Recycling Projects, reauthorizes and amends the Title XVI competitive grant program for water recycling projects established in 2016 pursuant to the WIIN Act (Subtitle J, Public Law 114-322).

There are three key differences from the competitive grant program for water recycling authorized in the WIIN Act:

- 1) **The authorization of appropriations has been increased to \$300 million over 5 years, as compared to the prior \$100 million over 5 years.** Subsection (g).
- 2) **Congress does not need to approve funding awards for specific projects through designating the project by name in an enacted appropriations bill.**
 - Reclamation can award funding to projects from available appropriations, after competitively evaluating grant applications from eligible projects.
- 3) The draft bill raises the maximum federal funding contribution for each Title XVI project to \$50 million from the current ceiling of \$20 million in 1996 prices.

Subsection (b)(1).

- The cap remains \$20 million in 1996 prices for projects that have received that amount as of December 31, 2021.
- The maximum federal cost-share remains at 25% (up to the new maximum federal contribution of \$50 million).
- Section 104, Desalination Project Development, reauthorizes and amends the competitive grant program for desalination projects established in 2016 pursuant to the WIIN Act.
 - There are three key differences from the competitive grant program for desalination authorized in the WIIN Act:
 - 1) **The authorization of appropriations has been increased to \$150 million over 5 years, as compared to the prior \$30 million over 5 years.** At least \$10 million is set aside for rural desalination projects. Subparagraph (F)(i).
 - 2) **Congress does not need to approve funding awards for specific projects through designating the project by name in an enacted appropriations bill.**
 - Reclamation can award funding to projects from available appropriations, after competitively evaluating grant applications from eligible projects.
 - 3) **The bill establishes priority criteria for which projects to fund.** Subsection (b).
 - Subparagraph (B)(ii) includes provisions from former Senator Udall and former Representative Torres Small's 2019 Western Water Security Act (S. 2718/HR 4891) on rural desalination projects.
 - Just as for non-federal storage projects and natural water retention and release projects, the following are required to obtain funding for desalination projects (subparagraph (C)):
 - 1) The Governor of the affected state supports federal funding of the project, and the project is included in a state-approved plan; and
 - 2) For construction funding, the state or local sponsor determines, and Reclamation concurs, that the project is feasible, and sufficient funding is available to complete it.
 - The definition of an eligible project:
 - Makes clear that public private partnerships are eligible for funding as long as a state or local government entity pays either for the construction of the project or the water provided by the project. Subparagraph (A)(i).
 - Also allows any "organization with water or power delivery authority" to apply for funding if that organization constructs, operates and maintains the project. Subparagraph (A)(i). This language comes from the definition of an "eligible

applicant” in section 9502 of the Secure Water Act.

- Section 105, Drinking Water Assistance for Disadvantaged Communities
 - **This section authorizes an additional \$100 million for the Bureau of Reclamation’s program to provide drinking water assistance to disadvantaged communities in section 50231 of the Inflation Reduction Act.**
 - The Secretary is encouraged to use at least a portion of the funds authorized by this section to incorporate into multiple benefit projects features or facilities to assist in providing domestic water supplies to disadvantaged communities. Subsection (b)(2).
- Section 106, Extraordinary Operation and Maintenance Work; Project Modification
 - This section amends the existing Aging Infrastructure Program (Public Law 111-11, Title IX, Subtitle G) to authorize projects to not only repair aging Bureau of Reclamation facilities, but to modify the facilities to achieve increased public benefits and other project benefits.
 - Congress appropriated \$3.2 billion for the Aging Infrastructure Program in the Infrastructure Investment and Jobs Act.
 - If we are spending this much money to retool Reclamation infrastructure for the needs of the 21st century, the Secretary should have the authority to modify the projects to achieve increased public benefits and other project benefits, where she believes it is appropriate to do so.
 - Paragraph (2) of the new subsection (e) establishes a few basic principles for any project modification:
 - It shall add no more than 25% of the project cost for projects costing over \$100 million, or no more than \$25 million for projects costing under \$100 million (projects exceeding these thresholds would need to be authorized by Congress);
 - At least 50% of the new benefits provided by the modification of the project must be public benefits (note that “new benefits” is a term defined in paragraph (1)); and
 - In order to undertake a project modification, the Secretary shall obtain the consent of:
 - The transferred works operating entity if the project involved is a transferred works; and
 - Any project beneficiary that would experience an adverse impact from the operation of the modified project (note that “adverse impact” is a term defined

in paragraph (1)).

- If the modified project creates a new project beneficiary, the Secretary cannot subsequently reoperate the project to increase the benefits to that new beneficiary without the consent of any project beneficiaries that would experience an adverse impact.
 - The costs of planning, design and environmental compliance of the modified project shall be allocated in accordance with Reclamation procedures, with the caveat that any project beneficiary who does not receive any increase in long-term average annual water deliveries as a result of the modification shall not be allocated any reimbursable portion of these costs.
- Paragraph (3) sets up a process for the Secretary to obtain consent for a modified project from project beneficiaries that would experience an adverse impact. If the necessary consent is not obtained within twelve months of the date consent is requested, the extraordinary maintenance of the project shall proceed without the modification, subject to one twelve-month extension to obtain required consents at the Secretary's discretion.
 - Paragraph (4) addresses the reallocation of costs based on project changes and increased public benefits. Public benefits shall be non-reimbursable, and the cost allocation of reimbursable costs to each project beneficiary shall reflect the changes in benefits that the project is providing to that beneficiary.
 - Paragraph (5) addresses incentives to participate in modified projects where public benefits are increased, but not water contractor benefits.
 - The water contractors will face strong disincentives to participate in these projects. Some contractors may see their benefits reduced. All contractors will have to accept significant delay in obtaining the benefits of the restoration of these projects. It will take significant time to modify the projects in a manner that the contractors can accept, and then to conduct environmental compliance on the proposed modification. The contractors will also have to accept modified project operations that give increased priority to public benefits.
 - To offset these disincentives for water contractors to participate in projects which increase just public benefits, the bill reduces the reimbursable costs for such modified projects by 15%. The result is that each project beneficiary will pay 85% of the reimbursable costs for the modified project that the beneficiary would otherwise have been allocated.
 - **This paragraph sets up a financial incentive for water contractors to support modified projects that solely increase environmental and other public benefits without increasing water diversions or other water supply benefits.** Without this financial incentive, I expect water contractors will generally oppose such

modification of the projects that they rely on for water deliveries.

- This paragraph is also consistent with the provision of some non-reimbursable benefits for water supply in the context of other authorizations for projects that provide both water supply and substantial public benefits in a watershed:
 - Title XVI provides 25% non-reimbursable benefits for projects providing water supply that have watershed benefits through the use of recycled water;
 - The large-scale water recycling program that Congress just authorized in the Infrastructure Investment and Jobs Act provides up to 75% non-reimbursable benefits for projects that likewise provide both water supply and watershed benefits through the use of recycled water;
 - Section 103 of this bill provides non-reimbursable benefits for non-Federal storage and conveyance projects to the extent that they provide increased public benefits in the watershed.
 - Given the inevitability of increasingly severe and lengthy droughts as the West's climate changes, it will be essential to provide incentives to collaborate on multi-benefit projects that bring agricultural, environmental, and urban interests together to address the very serious challenge of maintaining sufficiently reliable water supply for all. This proposed amendment to the Aging Infrastructure Program seeks to increase incentives for such necessary collaboration.
- Section 107, Use of Revenue to Improve Drought Resilience or Dam Safety
 - **Issue:** Pursuant to the Sale of Water for Miscellaneous Purposes Act of 1920 (43 USC 521), the Warren Act of 1911 (43 USC 525), and corresponding Bureau of Reclamation (BOR) policy, any revenue from the sale of surplus water must be deposited into the Reclamation Fund and credited to capital repayment of the associated project. Under existing law, revenue from the sale of water continues to flow to the Reclamation Fund even after water users completed capital repayment of their project. As a result, there is no longer any benefit to the contractor from sale of surplus water unless the contractor receives another federal loan on the project.
 - **Importance:** Across the West, drought is stressing many water systems and new constraints often lead to water scarcity even in normal years. This is being compounded by aging BOR facilities that require significant investment to ensure they can continue to operate in a safe and effective fashion, especially as dams and other facilities are forced to withstand more variable and severe precipitation event as a result of climate change. Congress has responded to these challenges over the years by authorizing the Safety of Dams (SOD), Extraordinary Maintenance (XM), and other programs that assist water users in upgrading and repairing existing infrastructure by allowing for extended repayment of costs through contracts that are distinct from the capital repayment

obligations for the original construction of BOR projects.

- Despite the fact that operational flexibility and conservation are growing increasingly important in water management, existing Reclamation law provides very little incentive for paid-out BOR contactors that either have occasional surplus water or could create surplus water through system upgrades to make the investments or undertake the lengthy marketing and contracting necessary to realize a sale. This is especially true for projects that are currently in need of improvements that will increase drought resiliency or dam safety or are repaying Reclamation for SOD or XM projects and can't use any incremental revenues to help cover payments.
- **Solution:** This section changes existing law to ensure that water users are able to apply revenues derived from the temporary sale of surplus water to infrastructure to improve drought resiliency or dam safety and for other existing BOR repayment obligations. This change to the treatment of revenue will incentivize water utilities to make water available to relieve water shortages in their region, improve project drought resiliency, improve dam safety, and accelerate repayment of existing obligations.

Title II, Improved Technology and Data

- Section 201, Reauthorization of the Transboundary Aquifer Assessment Program
 - This section reauthorizes the United States-Mexico Transboundary Aquifer Assessment Act (42 U.S.C. 1962 note; Public Law 109-448).
 - This section derives from former Senator Udall and former Representative Torres Small's 2019 Western Water Security Act (S. 2718/HR 4891).

Title III, Ecosystem Restoration and Protection

- Section 301, Ecosystem Restoration
 - This section makes limited amendments to the competitive grant program for habitat restoration projects established in section 40907 of the Infrastructure Investment and Jobs Act.
 - Subsection (a) adds definitions of two new terms, "Committee" and "Project". The term "Committee" describes the "Integrated Water Management Leadership Committee" described more fully in subsection (c).
 - Subsection (b) amends section 40907(c)(1) of the Infrastructure Investment and Jobs Act (Public Law 117-58) to direct that Interior:

“(B) may not provide a grant to carry out a habitat restoration project the purpose of which is to meet existing environmental mitigation or compliance obligations that are express requirements of a permit or order issued under Federal or State law, unless such

requirements expressly contemplate reliance on Federal funding in performance of the requirements.”

- Subsection (c) supplements the \$100 million provided to the competitive grant program for habitat restoration in the bipartisan infrastructure law with:
 - 1) An authorization of \$150 million total for the competitive grant program from fiscal year 2025 through fiscal year 2029; and
 - 2) An authorization of \$100 million total from fiscal year 2025 through fiscal year 2029 for other grants, contracts, and agreements to achieve the habitat restoration purposes of this section and consistent with its requirements, as authorized in this section.
 - 3) Among other purposes, this \$100 million could be used to ensure that when Sacramento Valley rice growers sell their water and idle their crops, some water is left behind and applied to bare fields in late summer and early fall to create shallow flooded habitat during a critical shorebird migration period. See subsection (f) of amended section 40907 of the amended Infrastructure Investment and Jobs Act.
- Subsection (c) also directs the Secretary to establish an Integrated Water Management Federal Leadership Committee which coordinates federal agency efforts to implement integrated water management projects, if requested to do so for a particular project by an eligible entity or qualified non-government organization partner.
- Finally, subsection (c) requires the Secretary to comply with applicable environmental laws in implementing this section.
- Section 302, Performance-based Restoration Authority
 - **Multiple large- and small-scale ecosystem restoration projects have been authorized or are required by law, yet implementation of these projects often stalls when federal agencies have competing priorities or don’t have the resources or technical experience to undertake them successfully.** This section expedites the implementation of certain types of habitat and ecosystem restoration projects by **authorizing the Secretary of the Interior (Secretary) to enter into performance-based financial arrangements for the delivery of ecological targets and outcomes by experienced non-federal entities.** This section does not create a new program, but instead allows the use of performance-based financial arrangements under the Secretary’s existing ecosystem and habitat restoration authorities. It is needed to both expedite completion of many restoration projects—including large, multi-year projects—and to clarify that performance-based financial mechanisms are an authorized use of federal funds for such projects. The section additionally furthers the goals of reducing costs to the federal government in undertaking such projects and increasing flexibility in the administration of funding for such projects, consistent with federal acquisition regulations.
 - In General. Subsection (b) authorizes the Secretary, in implementing existing authorities under Federal law related to habitat and ecosystem restoration, to—
 - (1) enter into performance-based contracts, grant agreements, and cooperative

agreements for habitat and ecosystem restoration, mitigation, and enhancement projects where ecological targets and outcomes are

- clearly defined,
- agreed upon in advance, and
- capable of being successfully achieved

(2) enter into performance-based contracts with eligible restoration providers experienced in financing and completing successful ecological habitat and restoration, mitigation, and enhancement activities.

(3) provide grant and award agreements for habitat and ecosystem restoration, mitigation, and enhancement projects as described in paragraph (1) and allow for the use of performance-based tools in such agreements.

(4) provide pass-through financing for funds granted or awarded to non-federal third parties utilizing performance-based contracts for projects authorized under paragraph (1).

(5) use performance-based financial mechanisms for multi-year projects.

- Guidelines. Subsection (c) directs the Secretary to—
 - (1) develop guidelines for using performance-based financing and to consult with experienced external organizations in developing such guidelines. Such consultation shall not constitute or require establishing a committee under the Federal Advisory Committee Act. Guidelines shall include guidance on
 - appropriate proposal and project evaluation criteria,
 - restoration provider eligibility criteria,
 - criteria for defining achievable ecological outcomes, and
 - determination of restoration provider financial assurances sufficient to ensure ecological outcomes will be successfully achieved.
- Identification of Eligible Projects. Subsection (d) directs the Secretary to identify opportunities for using performance-based financing for projects authorized in subsection (b)(1) and issue a request for proposals from eligible restoration providers to undertake such projects.
- Certification. Under subsection (e), the Secretary shall certify that work was completed in accordance with ecological requirements and outcomes previously agreed to.
- Technical Assistance. Subsection (f) authorizes the Secretary to provide technical assistance to restoration providers for studies, design, engineering, and permitting.
- Rule of Construction. Subsection (g) clarifies that nothing in the section authorizes the Secretary to waive any obligation of the Secretary or non-Federal parties under federal environmental law.
- Non-Federal Funding. Subsection (h) authorizes use of performance-based financing under the act for non-federal project cost shares, on the condition that the non-federal cost-share responsibility remains with the non-federal party.

- Cost Share. Subsection (i) clarifies that nothing in the section shall affect a cost-sharing requirement under Federal law that is applicable to a project carried out under the performance-based restoration authority established under subsection (a).
- Mitigation. Subsection (j) clarifies that nothing in this section shall authorize Federal funding to meet existing environmental mitigation or compliance obligations that are express requirements of a permit or order issued under Federal or State law, unless such requirements expressly contemplate reliance on Federal funding in performance of the requirements
- Report. Subsection (k) requires the Secretary to
 - (1) issue and submit to Congress a report describing results of, and impediments to, the use of performance-based financing within 3 years of the date of enactment, and
 - (2) address such impediments, if any—to the extent practicable—and to protect the public interest and investment in projects financed under the Act.

Title IV, Miscellaneous

- Section 401, Amendments to Drought Program Under the Reclamation States Emergency Drought Relief Act of 1991
 - Droughts have become more frequent than when the Reclamation States Emergency Drought Relief Act was enacted in 1991. As a result, some amendments appear appropriate to the Act to reflect the increased frequency of droughts.
 - The existing Act limits permanent facilities that it authorizes to groundwater wells.
 - Given the increased frequency of droughts, it seems more efficient to install a greater number of permanent facilities than to frequently install and remove temporary facilities.
 - Subsection (a) therefore provides authorization during a declared drought emergency for any permanent facilities or projects up to a federal investment of \$30 million that are supported by the relevant State (or tribe if the facility is on an Indian reservation).
 - The \$30 million threshold comes from the Infrastructure Investment and Jobs Act, which creates a precedent authorizing Interior to proceed with projects up to \$30 million without Congressional authorization of the specific projects (in that Act this precedent is applied to small storage projects).
 - Subsection (a) also requires that a well drilled to minimize losses and damages from drought conditions must either 1) align with applicable local, state, or regional groundwater sustainability goals; or 2) support drinking water supplies for a

disadvantaged community or Tribe.

- Subsection (a) further addresses the problem of drought shortfalls in environmental funding programs like the Central Valley Improvement Act that derive their funding from per acre fees in water delivered.
- Because their funding varies by the amount of water delivered, these programs provide substantially less environmental funding precisely when the funding is most needed, during droughts.
- Subsection (a) would authorize non-reimbursable funding to make up these shortfalls, without affecting the Secretary's legal obligations to the environment or existing authority to make up shortfalls in environmental funding in non-drought years.
- Subsection (b) amends the existing Act to clarify that it applies to drought emergencies declared for portions of States, and does not require drought emergencies to apply to an entire State.
- Subsection (b) also extends the Reclamation States Emergency Drought Relief Act authorization to 2031.
- Subsection (c) amends the Secure Water Act of 2009 to provide that an application for WaterSMART funding to drill a groundwater well for municipal supply to minimize losses and damages from drought conditions shall not increase the applicant's net water use beyond the period of any drought emergency, unless the groundwater well is for the purpose of supplying drinking water for a disadvantaged community or Tribe, or if the new groundwater use is partially offset by aquatic habitat enhancement during the drought period, or over the long-term, including a future drought period.
- Section 402, Environmental Compliance
 - This section requires the Act to be implemented consistent with applicable State law and Federal environmental law.
- Section 403, Effect
 - This section provides that nothing in this Act shall interfere with any obligation of a State under the Rio Grande Compact or any other interstate compact approved by Congress.

To: Municipal Water District of Orange County
From: Syrus Devers, Best Best & Krieger
Date: June 7th, 2023
Re: Monthly Report

Legislative Report

The deadline to move a bill out of the house of origin was June 2nd and both houses held floor sessions every day in the run-up to the deadline in order to clear a backlog of legislation. The next major deadline is passing the State Budget by June 15th, although this is more of a procedural deadline than a substantive one. After that comes what may be the most significant deadline of the year; the final policy committee deadline. Legislators will only have until July 14th to clear all assigned policy committees in the 2nd house. The 2nd house deadline is where the collegiality disappears and bills will not be moved as a courtesy to give the author more time to work on the issues.

Last month's report discussed the need to focus on other pieces of legislation besides the water rights bills. With all the attention on AB 460, AB 1337, and SB 389, several bills made it past policy committees with little opposition. The effort proved successful with a number of key oppose bills getting held in the Appropriations Committees of each house.

Held bills:

SB 687 (Eggman): This bill would have linked the Delta Conveyance Project to adoption and implementation of the Delta Water Quality Control Plan update, which could have delayed the project indefinitely. BBK staff was the only contract lobbyist who appeared in opposition in Senate Natural Resources and Water, and the only other opposition witness besides the State Water Contractors. Although the bill made it past the policy committee stage, it was successfully held on suspense in Senate Appropriations.

AB 1072 (Wicks): This bill would have required 40% of all conservation funds for water efficient landscapes to be dedicated to low-income households. BBK worked through ACWA in opposition and was successful at getting the bill held in Assembly Appropriations.

AB 838 (Connolly): This hard to explain bill required water districts to calculate the "median dollar amount" billed to each customer, and the cost of all planned infrastructure improvements. Despite opposition letters from water associations, the bill was not actively opposed in the policy committee and was passed with bipartisan support. More active opposition resulted in the bill being held in Assembly Appropriations.

Bad bills that are still alive:

AB 755 (Papan): This bill requires water districts to estimate the hypothetical savings rate payers would realize if the largest users of water achieved mandated efficiency goals when undertaking a rate study. Again, this was not actively lobbied in committee and it passed on a party line vote. At the time this report was prepared the bill was waiting for a vote on the Assembly Floor.

The water rights bills:

While BBK staff was focused on the bills listed above, the rest of the water lobby corps was working against the package of water rights bills. Here are the current results:

AB 460 (Bauer-Kahan): Still moving. This is the most problematic of the three bills. It would give the SWRCB the power to issue restraining orders on par with a court's power to issue Temporary Restraining Orders. It may appear that the bill squeaked by with the minimum of 41 votes on the Assembly Floor, but more likely is that the vote was worked out in advance. The author made no attempt to seek more votes once the count reached 41, which it did fairly quickly. It suggests more votes were possible but that the author was content with the minimum necessary.

AB 1337 (Wicks): Still moving. This bill overturns the court holding in the Curtailment Cases and allows SWRCB to enforce water rights against pre-1914 water right holders. This bill fared slightly better than AB 460 and quickly got to 44 votes on the Assembly Floor. Again, it appeared that the author already had the vote count and made no attempt to hold the role open and add more votes.

SB 389 (Allen): Future uncertain. This bill would grant the SWRCB sweeping powers to demand information to support a water right claim, and it puts the burden of proof on the holder of the right. The one possible bright spot for the opposition coalition is that SB 389 stalled on its first vote at 16, a poor showing, with 21 needed to pass the Senate Floor. But it's not over because the author can continue to work the votes and bring the bill up again before Friday the 2nd. (This report was prepared on 5/31.)

Administrative Report

The Governor took over the issue of infrastructure permit streamlining by holding a press conference and then introducing 10 Budget Trailer Bills on various aspects of the process for approving major projects. He was also probably behind the demise of ACWA's sponsored bill on permit streamlining which was held on suspense in Senate Appropriations. Not 3 hours after SB 23 (Caballero) was held, the Executive Directors for ACWA and CMUA were called in by the Governor's staff and told about the press conference that would be held the next day. During the press conference the Governor claimed he had been meeting with legislators on the trailer bills, but it soon became clear that this was overstated. It took the Legislature a little over a week to hear and shoot down the most visible piece of the Governor's bill package on CEQA reform. In lieu of the Governor's proposal, the Assembly scheduled a joint hearing of the Natural Resources and Judiciary Committees to consider CEQA reforms. The hearing will be on June 7th at 2:30 in the Assembly.

Bill Matrix

Prepared by Syrus Devers, May 31st, 2023

A. Priority Support/Oppose

[AB 460](#)

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

Status: 5/30/2023-Read third time. Passed. Ordered to the Senate.

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

Position	Priority
Opposition	A. Priority
	Support/Oppose

[AB 557](#)

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

Status: 5/24/2023-Referred to Coms. on GOV. & F. and JUD.

Calendar: 6/7/2023 9 a.m. - 1021 O Street, Room 2200 SENATE GOVERNANCE AND FINANCE, CABALLERO, ANNA, Chair

Summary: The Ralph M. Brown Act allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public be allowed to address the legislative body at each teleconference location, that the legislative body post an agenda at each teleconference location, and that at least a quorum of the legislative body participate from locations within the boundaries of the local agency's jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. Current law, until January 1, 2024, authorizes a local agency to use teleconferencing without complying with those specified teleconferencing requirements in specified circumstances when a declared state of emergency is in effect, or in other situations related to public health, as specified. If there is a continuing state of emergency, or if state or local officials have imposed or recommended measures to promote social distancing, current law requires a legislative body to make specified findings not later than 30 days after the first teleconferenced meeting, and to make those findings every 30 days thereafter, in order to continue to meet under these abbreviated teleconferencing procedures. Current law requires a legislative body that holds a teleconferenced meeting under these abbreviated teleconferencing procedures to give notice of the meeting and post agendas, as described, to allow members of the public to access the meeting and address the legislative body, to give notice of the means by which members of the public may access the meeting and offer public comment, including an opportunity for all persons to attend via a call-in option or an internet-based service option. Current law prohibits a legislative body that holds a teleconferenced meeting under these abbreviated teleconferencing procedures from requiring public comments to be submitted in advance of the meeting and would specify that the legislative body must provide an opportunity for the public to address the legislative body and offer comment in real time. This bill would extend the above-described abbreviated teleconferencing provisions when a declared state of emergency is in effect, or in other situations related to public health, as specified, indefinitely.

Position	Priority
Support	A. Priority Support/Oppose

AB 735

(Berman D) Workforce development: utility careers.

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

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

Position	Priority
Support	A. Priority Support/Oppose

AB 755

(Papan D) Water: public entity: cost-of-service analysis.

Status: 5/18/2023-Read third time and amended. Ordered to third reading.

Calendar: 5/31/2023 #28 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

Summary: Current law authorizes a public entity that supplies water at retail or wholesale within its service area to adopt, in accordance with specified procedures, and enforce a water conservation program. This bill would require a public entity, as defined, that conducts a cost-of-service analysis, as defined, to identify the total incremental costs incurred by all the major water users, as described, in the single-family residential class and the total incremental costs that would be avoided if major water users met a specified efficiency goal. The bill would also require both of those costs to be made publicly available by posting the information in the public entity's cost-of-service analysis.

Position	Priority
Opposition	A. Priority Support/Oppose

AB 838

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

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

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

Position	Priority
Watch	A. Priority Support/Oppose

AB 1337

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

Status: 5/30/2023-Read third time. Passed. Ordered to the Senate.

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

Position	Priority
Opposition	A. Priority Support/Oppose

AB 1572**(Friedman D) Potable water: nonfunctional turf.****Status:** 5/22/2023-Read second time. Ordered to third reading.**Calendar:** 5/31/2023 #283 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

Summary: (1)Existing law establishes various state water policies, including the policy that the use of water for domestic purposes is the highest use of water. This bill would make legislative findings and declarations concerning water use, including that the use of potable water to irrigate nonfunctional turf is wasteful and incompatible with state policy relating to climate change, water conservation, and reduced reliance on the Sacramento-San Joaquin Delta ecosystem. The bill would direct all appropriate state agencies to encourage and support the elimination of irrigation of nonfunctional turf with potable water. This bill contains other related provisions and other existing laws.

Position	Priority
Oppose unless amended	A. Priority Support/Oppose

AB 1594**(Garcia D) Medium- and heavy-duty zero-emission vehicles: public agency utilities.****Status:** 5/22/2023-Read second time. Ordered to third reading.**Calendar:** 5/31/2023 #285 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

Summary: Executive Order No. N-79-20 establishes the goal of transitioning medium- and heavy-duty vehicles in California to zero-emission vehicles by 2045 for all operations where feasible and by 2035 for drayage trucks, and requires the State Air Resources Board to develop and propose medium- and heavy-duty vehicle regulations to meet that goal. This bill would require any state regulation that seeks to require, or otherwise compel, the procurement of medium- and heavy-duty zero-emission vehicles by a public agency utility to ensure that those vehicles can support a public agency utility's ability to maintain reliable water and electric services, respond to disasters in an emergency capacity, and provide mutual aid assistance statewide and nationwide, among other requirements. The bill would define a public agency utility to include a local publicly owned electric utility, a community water system, and a wastewater treatment provider, as specified. This bill contains other existing laws.

Position	Priority
Support	A. Priority Support/Oppose

AB 1637**(Irwin D) Local government: internet websites and email addresses.****Status:** 5/22/2023-Read second time. Ordered to third reading.**Calendar:** 5/31/2023 #287 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

Summary: The California Constitution authorizes cities and counties to make and enforce within their limits all local, police, sanitary, and other ordinances and regulations not in conflict with general laws and further authorizes cities organized under a charter to make and enforce all ordinances and regulations in respect to municipal affairs, which supersede inconsistent general laws. This bill, no later than January 1, 2027, would require a local agency, as defined, that maintains an internet website for use by the public to ensure that the internet website utilizes a ".gov" top-level domain or a ".ca.gov" second-level domain and would require a local agency that maintains an internet website that is noncompliant with that requirement to redirect that internet website to a domain name that does utilize a ".gov" or ".ca.gov" domain. This bill, no later than January 1, 2027, would also require a local agency that maintains public email addresses to ensure that each email address provided to its employees utilizes a ".gov" domain name or a ".ca.gov" domain name. By adding to the duties of local officials, the bill would impose a state-mandated local program. This bill contains other related provisions and other existing laws.

Position	Priority
Watch	A. Priority Support/Oppose

Notes 1: No longer applies to special districts**SB 23****(Caballero D) Water supply and flood risk reduction projects: expedited permitting.****Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/15/2023)(May be acted upon Jan 2024)

Summary: Current law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, except under specified conditions, including requiring the entity to send written notification to the Department of Fish and Wildlife regarding the activity in the manner prescribed by the department. This bill would

require a project proponent, if already required to submit a notification to the department, to submit to the department the certified or adopted environmental review document, as applicable, for the activity in the notification. The bill would require the department, under prescribed circumstances, to take certain actions within specified timelines, or within a mutually agreed-to extension of time.

Position	Priority
Support	A. Priority
	Support/Oppose

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

SB 366

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

Status: 5/23/2023-Read second time and amended. Ordered to third reading.

Calendar: 5/31/2023 #53 SENATE SENATE BILLS -THIRD READING FILE

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

Position	Priority
Support	A. Priority
	Support/Oppose

SB 389

(Allen D) State Water Resources Control Board: determination of water right.

Status: 5/30/2023-Read third time. Passed. (Ayes 23. Noes 11.) Ordered to the Assembly.

Summary: Would, upon specified findings, authorize the State Water Resources Control Board to investigate the diversion and use of water from a stream system to determine whether the diversion and use are based upon appropriation, riparian right, or other basis of right, as specified.

Position	Priority
Opposition	A. Priority
	Support/Oppose

SB 687

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

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

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

Position	Priority
Opposition	A. Priority
	Support/Oppose

B. Watch

[AB 30](#)

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

Status: 5/23/2023-In Senate. Read first time. To Com. on RLS. for assignment.

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

Position	Priority
Watch	B. Watch

[AB 62](#)

(Mathis R) Statewide water storage: expansion.

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

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

Position	Priority
Watch	B. Watch

[AB 66](#)

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

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

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

Position	Priority
	B. Watch

[AB 249](#)

(Holden D) Water: schoolsites: lead testing: conservation.

Status: 5/22/2023-Read second time. Ordered to third reading.

Calendar: 5/31/2023 #236 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

Summary: Would require a community water system that serves a schoolsite, as defined, to test for lead in the potable water system outlets of the schoolsite before January 1, 2027, except for potable water system outlets in buildings that were either constructed after January 1, 2010, or modernized after January 1, 2010, and all faucets and other end point devices used for providing potable water were replaced as part of the modernization. The bill would require the community water system to report its findings to the applicable school or local educational agency and to the State Water

Resources Control Board. The bill would require the local educational agency or school, if the lead level exceeds a specified level at a schoolsite, to notify the parents and guardians of the pupils who attend the schoolsite, take immediate steps to make inoperable and shut down from use all fountains and faucets where the excess lead levels may exist, and work with the schoolsites under its jurisdiction to ensure that a potable source of drinking water is provided for pupils, as specified. The bill would require a community water system to test a potable water system outlet that replaces an outlet that is found to have excess levels of lead. The bill would require a community water system to prepare a sampling plan for each schoolsite where lead sampling is required under these provisions. The bill would require the state board to make the results of schoolsite lead sampling publicly available by posting the results on its internet website. By imposing additional duties on local agencies, this bill would impose a state-mandated local program.

Position	Priority
Watch	B. Watch

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

Status: 5/22/2023-Read second time. Ordered to third reading.

Calendar: 5/31/2023 #238 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

Summary: Would establish the State-Federal Flood Operations Center within the Department of Water Resources and would authorize the department to administer the center in the department's divisions, offices, or programs. The bill would provide that the purpose of the center is to function as the focal point for gathering, analyzing, and disseminating flood and water-related information to stakeholders and would authorize the center to take specified actions for that purpose, including to function during emergency situations to enable the department to centrally coordinate statewide emergency responses.

Position	Priority
Watch	B. Watch

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

Status: 5/18/2023-From committee: Do pass. (Ayes 13. Noes 1.) (May 18). Read second time. Ordered to third reading.

Calendar: 5/31/2023 #56 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

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

Position	Priority
Watch	B. Watch

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

Status: 5/18/2023-From committee: Do pass. (Ayes 11. Noes 3.) (May 18). Read second time. Ordered to third reading.

Calendar: 5/31/2023 #62 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

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

Position	Priority
Watch	B. Watch

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

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

Summary: The California Environmental Quality Act (CEQA) prohibits an action or proceeding from being brought in a court to challenge the approval of a project by a public agency unless the alleged grounds for noncompliance are

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

Position	Priority
Watch	B. Watch

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

Status: 5/23/2023-In Senate. Read first time. To Com. on RLS. for assignment.

Summary: Current law establishes various state water policies, including the policy that the use of water for domestic purposes is the highest use of water and that the next highest use is for irrigation. This bill would provide specific examples of the use of water for domestic purposes, including, but not limited to, sustenance of human beings and household conveniences.

Position	Priority
Watch	B. Watch

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

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

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

Position	Priority
Watch	B. Watch

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

Status: 5/23/2023-In Senate. Read first time. To Com. on RLS. for assignment.

Summary: Would find and declare that speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater water right previously put to beneficial use on agricultural lands within the state is a waste or an unreasonable use of water.

Position	Priority
Watch	B. Watch

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

Status: 5/26/2023-Read third time and amended. Ordered to third reading.

Calendar: 5/31/2023 #192 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

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

Position	Priority
Watch	B. Watch

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

Status: 5/22/2023-Read second time. Ordered to third reading.

Calendar: 5/31/2023 #284 ASSEMBLY THIRD READING FILE - ASSEMBLY BILLS

Summary: The Water Conservation in Landscaping Act provides for a model water efficient landscape ordinance that is adopted and updated at least every 3 years by the Department of Water Resources, unless the department makes a specified finding. Existing law requires a local agency to adopt the model ordinance or to adopt a water efficient landscape ordinance that is at least as effective in conserving water as the updated model ordinance, except as specified. Existing law specifies the provisions of the updated model ordinance, as provided. Existing law includes a related

statement of legislative findings and declarations. This bill would require the updated model ordinance to include provisions that require that plants included in a landscape design plan be selected based on their adaptability to climatic, geological, and topographical conditions of the project site, as specified. The bill would also exempt landscaping that is part of ecological restoration projects that do not require a permanent irrigation system, mined-land reclamation projects that do not require a permanent irrigation system, and existing plant collections, as part of botanical gardens and arboretums open to the public, from the model ordinance. The bill would require the updated model ordinance to include provisions that require that all new or renovated nonresidential areas install plants that meet specified criteria, and that prohibit the inclusion of nonfunctional turf in nonresidential landscape projects after January 1, 2026. The bill would also revise the legislative findings and declarations to state that the model ordinance furthers the state's goal to conserve biodiversity and provide for climate resilience consistent with state drought efforts to eliminate the use of irrigation of nonfunctional turf. This bill contains other related provisions and other existing laws.

Position	Priority
Watch	B. Watch

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

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

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

Position	Priority
Watch	B. Watch

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

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

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

Position	Priority
Out for Analysis	B. Watch

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

Status: 5/23/2023-Read second time and amended. Ordered to third reading.

Calendar: 5/31/2023 #51 SENATE SENATE BILLS -THIRD READING FILE

Summary: Current law authorizes the State Water Resources Control Board to provide for the deposit into the Safe and Affordable Drinking Water Fund of certain moneys and continuously appropriates the moneys in the fund to the state board for grants, loans, contracts, or services to assist eligible recipients. This bill would require the board to, upon appropriation by the Legislature, expend moneys to provide training statewide to community water systems with between 15 and 200 service connections to meet compliance with the Water Shutoff Protection Act.

Position	Priority
Out for Analysis	B. Watch

SB 48 **(Becker D) Building Energy Savings Act.**

Status: 5/25/2023-In Assembly. Read first time. Held at Desk.

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

that the requirement does not require the owner of a building with less than 50,000 square feet of gross floor space to collect or deliver energy usage information to the Energy Commission.

Position	Priority
Watch	B. Watch

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

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

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

Position	Priority
Watch	B. Watch

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

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

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

Position	Priority
Watch	B. Watch

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

Status: 5/30/2023-Read third time. Passed. (Ayes 40. Noes 0.) Ordered to the Assembly.

Summary: The California Environmental Quality Act (CEQA) authorizes a local agency that determines that a project is not subject to CEQA to file a notice of exemption with the county clerk of each county in which the project will be located, as provided. CEQA requires the county clerk to make the notice available for public inspection and post the notice within 24 hours of receipt in the office or on the internet website of the county clerk, as specified. This bill would require a local agency to file a notice of determination with the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would authorize a local agency to file a notice of exemption with the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would require the notice, including any subsequent or amended notice, to be posted both in the office and on the internet website of the county clerk and on the State Clearinghouse website of the Office of Planning and Research within 24 hours of receipt. By imposing duties on local agencies, the bill would create a state-mandated local program.

Position	Priority
Watch	B. Watch

SB 231 **(Hurtado D) Water measurement.**

Status: 5/25/2023-Read third time. Passed. (Ayes 40. Noes 0.) Ordered to the Assembly. In Assembly. Read first time. Held at Desk.

Summary: Current law requires the Department of Water Resources, the State Water Resources Control Board, and the State Department of Public Health to coordinate the collection, management, and use of agricultural and urban water measurement information provided to each agency. Current law requires the board, in collaboration with the Department of Water Resources, the California Bay-Delta Authority or its successor agency, and the State Department of Public Health, to prepare and submit a report to the Legislature by January 1, 2009, evaluating the feasibility, estimated costs, and potential means of financing a coordinated water measurement database. This bill would require the board, in collaboration with the Department of Water Resources and the Delta Stewardship Council or its successor agency, to prepare and submit an update to the report to the Legislature by January 1, 2025, evaluating the feasibility, estimated costs, and potential means of financing a coordinated water measurement database, as specified.

Position	Priority
Watch	B. Watch

SB 272

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

Status: 5/25/2023-In Assembly. Read first time. Held at Desk.

Summary: Would require a local government, as defined, lying, in whole or in part, within the coastal zone, as defined, or within the jurisdiction of the San Francisco Bay Conservation and Development Commission, as defined, to implement sea level rise planning and adaptation through either submitting, and receiving approval for, a local coastal program, as defined, to the California Coastal Commission or submitting, and receiving approval for, a subregional San Francisco Bay shoreline resiliency plan to the San Francisco Bay Conservation and Development Commission, as applicable, on or before January 1, 2034, as provided. By imposing additional requirements on local governments, the bill would impose a state-mandated local program. The bill would require local governments that receive approval for sea level rise planning and adaptation on or before January 1, 2029, to be prioritized for sea level rise funding, upon appropriation by the Legislature, for the implementation of projects in the local government's approved sea level rise adaptation plan. The bill would require, on or before December 31, 2024, the California Coastal Commission, in close coordination with the Ocean Protection Council and the California Sea Level Rise State and Regional Support Collaborative, to establish guidelines for the preparation of that planning and adaptation.

Position	Priority
Watch	B. Watch

SB 315

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

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

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

Position	Priority
Watch	B. Watch

SB 865

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

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

Summary: Current law authorizes a governing body of a municipal water district to adopt an ordinance excluding any territory annexed to a metropolitan water district organized under the Metropolitan Water District Act, if the territory is annexed prior to the effective date of the formation of the municipal water district. Current law requires the Secretary of State to issue a certificate reciting the passage of the ordinance and the exclusion of the area from the municipal water district within 10 days of receiving a certified copy of the ordinance. This bill would extend the number of days the Secretary of State has to issue a certificate to 14 days.

Position	Priority
Watch	B. Watch

[SB 867](#) **(Allen D) Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024.**
Status: 5/22/2023-Read second time. Ordered to third reading.
Calendar: 5/31/2023 #49 SENATE SENATE BILLS -THIRD READING FILE

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

Position	Priority
Watch	B. Watch

C. Spot Bill

[AB 396](#) **(Fong, Vince R) Dams.**
Status: 5/5/2023-Failed Deadline pursuant to Rule 61(a)(3). (Last location was PRINT on 2/2/2023)(May be acted upon Jan 2024)
Summary: Current law regulates the construction and operation of dams and exempts certain structures for these purposes. Current law requires the owner of such exempt structures to employ a registered civil engineer to supervise the structure, as prescribed. This bill would make nonsubstantive changes to the above provision.

Position	Priority
Watch	C. Spot Bill

[AB 422](#) **(Alanis R) Natural Resources Agency: statewide water storage: tracking.**
Status: 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 2/9/2023)(May be acted upon Jan 2024)
Summary: Would require the Natural Resources Agency, on or before June 1, 2024, to post on its publicly available internet website information tracking the progress to increase statewide water storage, and to keep that information updated.

Position	Priority
Watch	C. Spot Bill

Total Measures: 40

Total Tracking Forms: 40

Metropolitan Water District of Southern California

State Legislation Matrix

May 8, 2023 – First Year of Legislative Session

Item No. 2f

Bill Number Author	Amended Date Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 400 B. Rubio (D – Baldwin Park) Sponsors: California State Association of Counties, League of California Cities	Amended 5/1/2023 Assembly Appropriations Committee	Local agency design-build projects: authorization. This measure would extend the existing sunset date to January 1, 2031, for the use of design-build as a delivery method for public works contracts and allow the use of design-build to continue indefinitely.	Support Based on October 2021 Board Action	Metropolitan's current authority to use design-build under AB 1845 (Calderon, CH. 275, 2022) will sunset on January 1, 2028. The provisions of this bill would allow Metropolitan to use design-build for future projects through January 1, 2031.
AB 1572 Friedman (D - Glendale) Sponsors: Heal the Bay, National Resources Defense Council	Amended 4/20/23 Assembly Appropriations Committee	Potable water: nonfunctional turf. This measure prohibits the use of potable water for the irrigation of non-functional turf located on commercial, industrial, institutional and multifamily residential properties by specified dates. This measure would also require the State Water Resources Control Board to establish compliance and certification requirements by July 1, 2025.	Support and Consider Co-Sponsorship if amended Based upon April 2023 Board action	This bill's intent is consistent with Metropolitan's efforts to conserve water and reduce non-functional turf in the service area. Based on input from the Board and member agencies, Metropolitan is seeking amendments to exclude multi-family residential buildings, clarify definitions of terms, secure funding for institutional customers in disadvantaged communities and protect the authority and local control of public water systems.
AB 1573 Friedman (D - Glendale)	Amended on 3/23/2023 Assembly Appropriations Committee: 5/03/2023 hearing	Water conservation: landscape design: model ordinance. This measure would require the updated model water efficient landscape ordinance for all plants installed in new or renovated nonresidential areas to be at least 75% local native plants and have a 0.3 plant factor. This measure would also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026.	Support, if Amended Based upon 2023 Legislative Priorities and Principles, adopted December 2022	This measure is consistent to Metropolitan's effort to address the reduction of nonfunctional turf within its service area. Metropolitan staff have identified implementation challenges due to a requirement for 75 percent local native plants and 3 plant factor and are working with the author and sponsor to address the concerns. Metropolitan is seeking clarifying amendments that include: (1) removal of the .3 plant factor, (2) reduction of the native plant requirement from 75 percent to 50 percent, with a phased approach from 25 percent up to 50 percent, and (3) require water efficient irrigation methods.

Metropolitan Water District of Southern California

State Legislation Matrix

May 8, 2023 – First Year of Legislative Session

AB 1648 Bains (D - Bakersfield)	Amended on 3/16/2023 Assembly Water, Parks, and Wildlife Committee	Water: Colorado River Conservation. This measure would specifically prohibit Metropolitan and LADWP achieving federally required reductions on Colorado River resources through increased water deliveries from other regions of California, including the Delta, retroactively as of January 1, 2023.	Oppose Based upon 2023 Legislative Priorities and Principles, adopted December 2022	This measure affects Metropolitan's flexibility with its entire water portfolio, including the integrated water resource management and the Annual Operating Plan. Metropolitan's reliability and its ability to meet demands would also be impaired by restrictions on Metropolitan's discretion to develop creative partnerships with its State Water Project and Colorado River Basin stakeholders.
SB 366 Caballero (D - Merced) Sponsors: California Municipal Utilities Association, California Council for Environmental and Economic Balance, California State Association of Counties	Amended 4/27/2023 Senate Appropriations Committee	The California Water Plan: long-term supply targets. This measure would revise the California Water Plan to require the Department of Water Resources to update the California Water Plan by December 31, 2028, and every five years after, to include establishing a long-term water supply target for 2050 and discussion on the development of specified water supply sources to meet demand.	Support, if Amended Based upon 2023 Legislative Priorities and Principles, adopted December 2022	The intent of this bill is to help modernize California's water management practices and provide long-term reliable supplies in response to the current climate challenges. Metropolitan is seeking clarifying amendments that include: (1) ensuring the 2050 target will reflect statewide, regional, and local planning efforts; and (2) delete reference in the bill to "minimize the need to import water from other hydrologic regions." These amendments will ensure that regional and local efforts are properly considered and incorporated in the new 2050 water supply targets and preserves an important water management tool with agricultural water transfers on the Colorado River and in other watersheds.
SB 687 Eggman (D - Stockton)	Amended 5/2/2023 Senate Appropriations Committee: 5/08/2023 hearing	Water Quality Control Plan: Delta Conveyance Project. This measure will require the State Water Resources Control Board to adopt a final update of the Bay-Delta Water Quality Control Plan before the Board may consider a change in the point of diversion or any other water rights permit or order for the Delta Conveyance Project.	Oppose Based upon 2023 Legislative Priorities and Principles, adopted December 2022	Metropolitan supports updating the Water Quality Control Plan to protect beneficial uses in the Delta. However, this bill would result in halting or delaying planning efforts on the Delta Conveyance Project and potentially prevent the project from operating if approved.

AMENDED IN SENATE MAY 30, 2023

CALIFORNIA LEGISLATURE—2023–24 REGULAR SESSION

ASSEMBLY BILL

No. 334

Introduced by Assembly Member Blanca Rubio
(Coauthor: Assembly Member Gipson)
(Coauthor: Senator Ochoa Bogh)

January 30, 2023

An act to add Section 1097.6 to the Government Code, relating to contracts.

LEGISLATIVE COUNSEL'S DIGEST

AB 334, as amended, Blanca Rubio. Public contracts: conflicts of interest.

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

This bill would establish that an independent contractor, who meets specified requirements, is not an officer for purposes of being subject

to the prohibition on being financially interested in a contract. *The bill would authorize a public agency to enter into a contract with an independent contractor who is an officer for a later phase of the same project if the independent contractor did not participate in the making of the subsequent contract and specified requirements are met.*

This bill would prohibit a person who acts in good faith reliance on these provisions from being subject to criminal, civil, or administrative enforcement for violation of these conflict-of-interest prohibitions if the initial contract includes specified language and the independent contractor is not in breach of those terms. The bill would further state that compliance with the conditions described in this bill can be relied upon as a complete defense in any criminal, civil, or administrative proceeding, even if the initial contract does not include the language specified in the bill.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Section 1097.6 is added to the Government Code,
2 to read:
3 1097.6. (a) (1) For a public entity that has entered a contract
4 with an independent contractor to perform one phase of a project
5 and seeks to enter into a subsequent contract with that independent
6 contractor for a later phase of the same project, the independent
7 contractor is not an “officer” ~~for purposes of~~ *under* this article if
8 ~~either of the following conditions are met: the independent~~
9 ~~contractor did not have responsibilities for public contracting on~~
10 ~~behalf of the public entity under the initial contract.~~
11 ~~(1) The independent contractor did not have responsibilities for~~
12 ~~public contracting on behalf of the public entity under the initial~~
13 ~~contract.~~
14 ~~(2) The independent contractor did not participate in making~~
15 ~~the subsequent contract through its performance of the initial~~
16 ~~contract.~~
17 ~~(b) For the purposes of this section, an independent contractor:~~
18 ~~(1) Does~~
19 ~~(2) For purposes of this section, an independent contractor does~~
20 ~~not “have responsibilities for public contracting” if (A) the both~~
21 ~~of the following exist:~~

1 (A) *The public entity at all times retains responsibility for public*
2 *contracting, including with respect to any subsequent phase of a*
3 *project and (B) the project.*

4 (B) *The independent contractor's duties under the initial contract*
5 *do not include preparing or assisting the public entity with the*
6 *public entity's preparation of a request for proposals, request for*
7 *qualifications, or any other solicitation regarding a subsequent or*
8 *additional contract with the public entity.*

9 (b) (1) *If an independent contractor is an officer under*
10 *subdivision (a), then it is not a violation of this article for the public*
11 *entity to enter into a subsequent contract with that independent*
12 *contractor for a later phase of the same project if the independent*
13 *contractor did not participate in the making of the subsequent*
14 *contract through its performance of the initial contract.*

15 (2) ~~Does~~ *For purposes of this section, an independent contractor*
16 *does not "participate in the making of the subsequent contract" if*
17 ~~(A) the both of the following conditions are met:~~

18 (A) *The independent contractor's participation in the planning,*
19 *discussions, or drawing of plans or specifications during an initial*
20 *stage of a project are limited to conceptual, preliminary, or initial*
21 *plans or specifications and (B) all specifications.*

22 (B) *All bidders or proposers for the subsequent contract have*
23 *access to the same information, including all conceptual,*
24 *preliminary, or initial plans or specifications.*

25 (c) *A person who acts in good faith reliance on this section shall*
26 *not be subject to criminal, civil, or administrative enforcement*
27 *under this article provided both of the following conditions are*
28 *met:*

29 (1) *A statement identical or substantially similar to the following*
30 *is included in the initial contract between the public entity and the*
31 *independent contractor:*

32
33 *"Contractor/consultant's duties under this agreement shall not*
34 *include preparing or assisting the public entity with the public*
35 *entity's preparation of a request for proposals, request for*
36 *qualifications, or any other solicitation regarding a subsequent*
37 *or additional contract with the public entity. The public entity*
38 *entering this agreement shall at all times retain responsibility for*
39 *public contracting, including with respect to any subsequent phase*
40 *of this project. Contractor/consultant's participation in the*

1 *planning, discussions, or drawing of project plans or specifications*
2 *shall be limited to conceptual, preliminary, or initial plans or*
3 *specifications. Contractor/consultant shall cooperate with the*
4 *public entity to ensure that all bidders for a subsequent contract*
5 *on any subsequent phase of this project have access to all*
6 *conceptual, preliminary, or initial plans or specifications prepared*
7 *by contractor pursuant to this agreement.”*

8
9 *(2) The independent contractor is not in breach of the*
10 *contractual obligations set forth in paragraph (1).*

11 *(d) In the event the language set forth in paragraph (1) of*
12 *subdivision (c) is not included in the initial contract between the*
13 *public entity and the independent contractor, compliance with*
14 *subdivisions (a) and (b) may nevertheless be relied on as a*
15 *complete defense in any criminal, civil, or administrative*
16 *proceeding.*

O



STAFF REPORT

To: Board of Directors

Meeting Date: June 22, 2023

From: Sherri Seitz, Public Affairs Manager

Subject: Public Education and Outreach Report

Bill Message

Customer June bill message:

ETWD number one priority is providing our customers with safe and reliable drinking water. Look in your mail for ETWD's 2023 Annual Water Quality Report. For more information, visit ETWD.com/governance/water-quality-report.

PRSA Anvil Awards

ETWD was chosen as a finalist in the PRSA 2023 Bronze Anvil Awards in the Newsletter Category. The Anvils recognize the best public relations tactics and campaigns of the year. On June 8, 2023, ETWD was honored to receive the Bronze Anvil Award for the ETWD Newsletter rebranding and outreach to help customers reduce their water use. Sherri attended the event to receive the award.

For over 75 years, the Anvil Awards have been considered the icon of the profession and the benchmark of high performance in public relations. The Silver Anvil Awards celebrate the best strategic public relations campaigns of the year. The Bronze Anvil Awards recognize outstanding public relations tactics that contribute to the success of overall programs or campaigns.

More than 700 entries were considered for this year's PRSA Anvil Awards. A total of 38 Silver Anvil Awards, 21 Bronze Anvil Awards, 34 Awards of Excellence and 25 Awards of Commendation were presented. ETWD is honored to be recognized nationally for this prestigious award.



ETWD Newsletter

The summer ETWD newsletter will begin distribution next week in the ETWD bills, to the HOA's and in the Laguna Woods E-blast. It will also be distributed in the Laguna Woods Globe on July 2nd. A copy follows this report.

Water Quality Report

ETWD's 2023 Annual Water Quality Reports were mailed out on June 13th and June 16th. A copy follows this report.



El Toro Water District · Summer 2023

WATER VIEWS

SERVING THE PUBLIC, RESPECTING THE ENVIRONMENT

KEEPING PACE WITH RISING COSTS

Each year the District's Board of Directors adopts an annual operating budget. Part of the budgeting process is to assess the adequacy of the District's rates and charges. Of utmost importance is the effort to minimize costs (including rates) while maintaining the critical integrity and reliability of the District's infrastructure and the District's financial stability.

The development of the 2023-24 fiscal year budget, in an environment of historic inflation, has been a challenging effort. While the District goes to great lengths to control costs and the ensuing impact on the District's customers, the increasing cost pressures on the District and its operations are undeniable.

The District maintains approximately \$500 million of water, wastewater and recycled water infrastructure. The majority of the system is several decades old, with portions over 60 years old. The District's capital improvement program, which reinvests in or replaces aging facilities and assets, is essential to ensure the reliability and integrity of the water, wastewater and recycled water services the District provides to its customers. Construction of capital infrastructure improvements needed for aging water and sewer infrastructure adds additional cost pressure in addition to the inflationary impacts driving the operations and maintenance costs.

The District is proposing adopting a new rate schedule, taking effect on August 1, 2023, with future adjustments made on July 1, 2024, and July 1, 2025. The proposed increases are the result of a detailed budget analysis and a 2023-24 Water, Recycled Water and Wastewater Rate Study prepared to determine the appropriateness of the amounts, and the fair and equitable cost allocation among customer categories. The District retains an independent financial consultant who specializes in Cost of Service analysis and rate setting to complete process. The proposed increases impact the potable water usage rates; uniform recycled water usage rate; the water, sewer and recycled water operations and maintenance charges; and the water, sewer and recycled water capital replacement and refurbishment charges.

The net impact of the proposed changes in the rates for residential and commercial customers will vary based on the customer's water consumption and, where applicable, property-specific water budgets. The Proposed 2023/2024 fiscal year budget can be found on the District's website, www.ETWD.com under the Governance tab.

For assistance in determining the impact of the proposed rate increase on your monthly bill, you may access the water budget calculator on the District's website or call our Customer Service Representatives at (949) 837-0660.

THE PROPOSED RATE INCREASES TO SUPPORT THE COST OF OPERATIONS ARE DUE TO THE FOLLOWING COST DRIVERS:



THE COST TO PURCHASE AND TREAT WATER



ELECTRICITY



WATER TREATMENT CHEMICALS



DISPOSAL OF TREATED WASTEWATER AND BIO-SOLIDS



CONSTRUCTION OF CAPITAL INFRASTRUCTURE IMPROVEMENTS NEEDED FOR AGING WATER, SEWER AND RECYCLED WATER SYSTEMS



DISTRICT LABOR NECESSARY TO MAINTAIN THE OPERATIONS OF THE DISTRICT



ONGOING MAINTENANCE OF VITAL INFRASTRUCTURE



The District Board of Directors invites you to attend one of the Community Informational Meetings and/or the Public Hearing at which the Board of Directors will consider adopting the proposed water, sewer and recycled water rate/charge increases.

PUBLIC HEARING

Thursday, July 27, 2023, at 7:00 P.M.

ATTEND IN PERSON

El Toro Water District Board Room
24251 Los Alisos Blvd.
Lake Forest, CA 92630

ATTEND VIRTUALLY

<https://zoom.us> · Meeting ID: 870 5663 7760

COMMUNITY INFORMATIONAL MEETINGS

July 12, 2023, 5:30 p.m.

Zoom: <https://zoom.us> · Meeting ID: 849 2397 5659

July 19, 2023, 7:00 p.m.

Zoom: <https://zoom.us> · Meeting ID: 899 4122 8892

MEETING LOCATION

El Toro Water District Boardroom
24251 Los Alisos Blvd. · Lake Forest, CA 92630

EL TORO WATER DISTRICT



24251 Los Alisos Blvd
Lake Forest, CA 92630



district@etwd.com



(949) 837-7050



etwd.com



PROJECT UPDATE



EL TORO REGIONAL RESERVOIR FLOATING COVER & LINER REPLACEMENT

Investing in infrastructure upgrades like the El Toro Regional Reservoir Cover & Liner Replacement Project is critical in providing clean, reliable tap water to your home or business.

The District has completed installation of 1,100,000 square feet of new liner panels and is beginning to install a new floating cover. The year-long project is estimated to be complete in August 2023 and the reservoir refilled by October 2023.

The reservoir liner protects water quality by preventing water seepage and the floating cover protects against airborne contamination, evaporation and algae growth. The liner and cover are made of chlorosulfonated polyethylene (CSPE), a material expected to last 30 years.

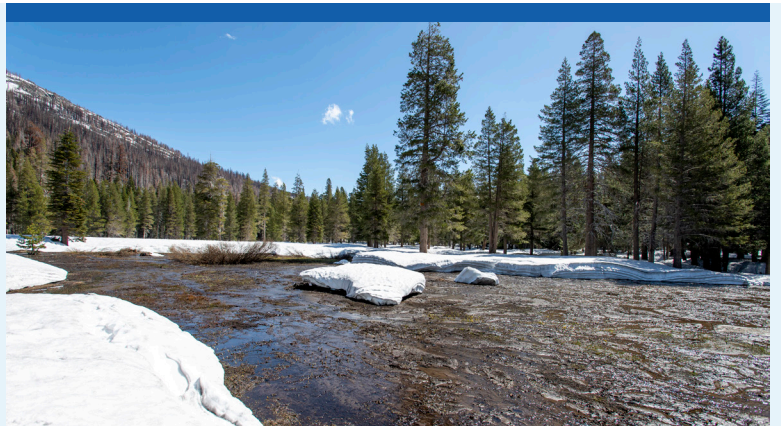


WATER SUPPLY UPDATE

Since Governor Newsom announced the 15% voluntary conservation goal, Californians conserved 600,000 acre-feet of water – representing 1.2 million households' yearly usage. We thank our customers for using water wisely during that time and encourage you to continue using water wisely.

Due to the winter weather conditions and an increase in State Water Project water deliveries, Governor Newsom eased the drought restrictions in California, and Metropolitan Water District rescinded the mandated emergency restrictions in March 2023. In response, ETWD has rescinded its Level 2 Water Shortage declaration. The State regulations on wasteful water uses, such as watering decorative grass on commercial properties is still in effect. Currently, we have relief from the drought, but we must continue to use water responsibly and make water conservation a California way of life.

For more information on the State water restrictions on watering decorative grass on commercial properties and ETWD's Permanent Water Conservation Measures, please visit [etwd.com](https://www.etwd.com) and select Water Use Efficiency under the Conservation tab.



The California Department of Water Resources conducted a snow survey to measure snow levels at Phillips Station in the Sierra Nevada Mountains on May 1, 2023. Photos by Ken James/California DWR.



ETWD IN THE COMMUNITY



Children's Water Education Festival

ETWD participated in the Children's Water Education Festival at UCI in March. The festival welcomed over 4,500 third, fourth and fifth grade Orange County students over the two days.

ETWD conducted a "Tap Water Demystified" activity in which over 350 students tested ETWD tap water and bottled water for pH and TDS. The testing demonstrated that both are safe to drink and demonstrated the large cost difference between the two. For more information on the event and registration for 2024, please visit childrenwaterfestival.com.



ETWD's Vu Chu leads a kids' activity at the Children's Water Education Festival.

City of Lake Forest Southwest Lake Forest Improvement Project

ETWD hosted an information booth at the City of Lake Forest Southwest Lake Forest Improvement Project on April 15th at Cavanaugh Park.



Dennis Cafferty speaks at the Concerned Citizens of Laguna Woods Village Earth Day event.



Robert Hazzard speaks with customers at ETWD's booth at the Southwest Lake Forest Improvement Project event.

City of Mission Viejo Earth Day Event

ETWD hosted an information booth at the City of Mission Viejo Earth Day/Arbor Day even on April 22 on the Oso Creek Trail north of Jeronimo Road.

Concerned Citizens of Laguna Woods Village Earth Day Event

ETWD General Manager Dennis Cafferty provided an update on regional and local water supply in California, and ETWD representatives hosted an information booth at the Concerned Citizens of Laguna Woods Earth Day event on April 20.



Office of Assemblywoman Diane Dixon - Special District Roundtable

ETWD General Manager, Dennis Cafferty, met with Assemblywoman Diane Dixon's District Director, Bill Christiansen, for a Special District Roundtable on May 9th. Local special districts shared their legislative priorities and concerns and included representatives from California Special Districts Association, Orange County Mosquito and Vector Control District, Surfside Colony Community Services District, Emerald Bay Community Services District, Costa Mesa Sanitary District, Orange County Cemetery District and El Toro Water District.

Assemblywoman Diane Dixon's office meets with special district representatives in AD-72 and listens to legislative priorities and concerns.



Your Water Quality is Our Top Priority

At El Toro Water District, your water quality is our number one priority. The drinking water we provide to our customers meets or exceeds all state and federal quality standards.

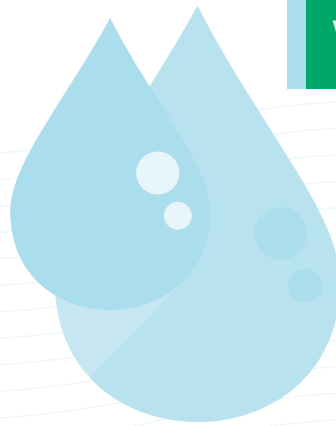
Our commitment to water quality runs deep, and we're dedicated to delivering safe drinking water to your home or business 365 days a year, 24 hours a day. District employees conduct more than 12,000 water quality tests every year from 70 representative sample locations throughout our service area. We're also proud to operate a high-tech water quality laboratory that is certified by the California Environmental Laboratory Accreditation Program.



ETWD's Annual Water Quality Report

The annual water quality report is mailed to every ETWD customer each June. Want to know more about the quality of your water? View the annual water quality report at etwd.com/governance/water-quality-report or scan the QR Code above.

If you have questions or concerns regarding water quality issues regarding taste, odor or appearance, please call the District's Customer Service team at **(949) 837-0660**.



WATER QUALITY REPORT

ACCESS THE ETWD
WATER QUALITY REPORT
ONLINE NOW!



BOARD OF DIRECTORS



PRESIDENT

Kay Havens

DIRECTOR

Mike Gaskins

VICE PRESIDENT

Jose Vergara

DIRECTOR

Mark Monin

DIRECTOR

Kathryn Freshley

GENERAL MANAGER

Dennis P. Cafferty

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

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

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

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

PARA OBTENER INFORMACIÓN EN ESPAÑOL, LLAME
AL SERVICIO AL CLIENTE, 949-837-0660.

For more information, visit etwd.com



2023

DRINKING WATER QUALITY REPORT



**El Toro
Water District**



Robert B. Diemer Filtration Plant



El Toro Reservoir



ETWD is committed to delivering safe and reliable water to our customers and the communities we serve 24/7.

Your 2023 Water Quality Report

Since 1990, California public water utilities have been providing an annual Water Quality Report to their customers. **This year's report covers calendar year 2022 drinking water quality testing and reporting.**

El Toro Water District (ETWD) vigilantly safeguards its water supply and, as in years past, the water delivered to your home meets or exceeds the quality standards required by federal and state regulatory agencies. The U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board, Division of Drinking Water (DDW) are the agencies responsible for establishing and enforcing drinking water quality standards.

In some cases, ETWD goes beyond what is required by



Englebright Dam on the Yuba River



testing for unregulated chemicals that may have known health risks but do not have drinking water standards. For example, the Irvine Ranch Water District (IRWD) and the Metropolitan Water District of Southern California (MWDSC), both of which supply treated surface water to ETWD, test for unregulated chemicals in our water supply. Unregulated chemical monitoring helps USEPA and DDW determine where certain chemicals occur and whether new standards need to be established for those chemicals to protect public health.

Through drinking water quality testing programs carried out by IRWD and MWDSC for treated surface water and

ETWD for the ETWD distribution system, your drinking water is continually monitored from source to tap for constituents that are both regulated and unregulated. The State allows us to monitor for some contaminants less than once per year because the concentrations of these contaminants do

not change frequently. Some of the data, though representative, is therefore more than one year old.



This report contains important information about your drinking water. Translate it, or speak with someone who understands it.

يحتوي هذا التقرير على معلومات هامة عن نوعية ماء الشرب في منطقتك. يرجى ترجمة التقرير مع صديق لك يفهم هذه المعلومات جيداً.

Arabic

Der Bericht enthält wichtige Informationen über die Wasserqualität in Ihrer Umgebung. Der Bericht sollte entweder offiziell übersetzt werden, oder sprechen Sie mit Freunden oder Bekannten, die gute Englischkenntnisse besitzen.

German

이 보고서는 귀하가 거주하는 지역의 수질에 관한 중요한 정보가 들어 있습니다. 이것을 번역하거나 충분히 이해하시는 친구와 상의하십시오.

Korean

这份报告中有些重要的信息。讲到关于您所在社区的水的品质。请您找人翻译一下，或者请能看得懂这份报告的朋友给您解释一下。

Chinese

Questo rapporto contiene informazioni importanti che riguardano la vostra acqua potabile. Traducetelo, o parlate con una persona qualificata in grado di spiegarvelo.

Italian

Este informe contiene información muy importante sobre su agua potable. Para mas información ó traducción, favor de contactar a Customer Service Representative. Telefono: 949-453-5300.

Spanish

Ce rapport contient des informations importantes sur votre eau potable. Traduisez-le ou parlez en avec quelqu'un qui le comprend bien.

French

この資料には、あなたの飲料水についての大切な情報が書かれています。内容をよく理解するために、日本語に翻訳して読むか説明を受けてください。

Japanese

Bản báo cáo có ghi những chi tiết quan trọng về phẩm chất nước trong cộng đồng quý vị. Hãy nhờ người thông dịch, hoặc hỏi một người bạn biết rõ về văn đề này.

Vietnamese

We Invite You to Learn More About Your Water's Quality

For information about this report, or your water quality in general, please contact **Customer Service** at **(949) 837-0660** or email **District@etwd.com**. A copy of this report is also posted on the **etwd.com** website.

El Toro Water District has two Regular Board meetings each month. Meeting details can be found on the District's website at **etwd.com/meetings**.

We welcome participation in these meetings.

For more information about the health effects of the listed contaminants in the following tables, call the **USEPA hotline** at **(800) 426-4791**. The USEPA also maintains a water-related website at **www.epa.gov/safewater**.

Constant Monitoring Ensures Continued Excellence

Sources of Supply

Your drinking water consists of imported treated surface water from MWDSC, as well as treated surface water from IRWD's Baker Water Treatment Plant (BWTP), which treats surface water from both MWDSC and from the Santiago Reservoir (Irvine Lake). MWDSC's imported water sources are the Colorado River and the State Water Project, which draws water from the Sacramento-San Joaquin River Delta.



Basic Information About Drinking Water Contaminants

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of land or through the layers of the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animal and human activity.

Contaminants that may be present in source water include:

◆ **Microbial contaminants**, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.



◆ **Inorganic contaminants**, such as salts and metals, which can be naturally occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining and farming.

◆ **Pesticides and herbicides**, which may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses.

◆ **Organic chemical contaminants**, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gasoline stations, urban stormwater runoff, agricultural application and septic systems.

◆ **Radioactive contaminants**, which can be naturally occurring or be the result of oil and gas production or mining activities.

In order to ensure that tap water is safe to drink, USEPA and the DDW prescribe regulations that limit the amount of certain contaminants in water provided by public water systems.

The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that must provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (800) 426-4791 or online at www.epa.gov/safewater.

Drinking Water Fluoridation

Fluoride has been added to U.S. drinking water supplies since 1945. Of the 50 largest cities in the U.S., 43 fluoridate their drinking water. In November 2007, MWDSC joined a majority of the nation's public water suppliers in adding fluoride to drinking water in order to prevent tooth decay.

MWDSC was in compliance with all provisions of the State's fluoridation system requirements. Fluoride levels in drinking water are limited under California state regulations at a maximum dosage of 2 parts per million.

Additional information about the fluoridation of drinking water is available on these websites:

**State Water Resources Control Board,
Division of Drinking Water**

www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.html

U.S. Centers for Disease Control and Prevention

www.cdc.gov/fluoridation/

For more information about MWDSC's fluoridation program, please contact Edgar G. Dymally at (213) 217-5709 or at edydymally@mwdh2o.com.



We Comply with All State & Federal Water Quality Regulations

Chloramines

ETWD imports its water from MWDSC and from the BWTP. These imported water supplies are treated with chloramines, a combination of chlorine and ammonia, as the drinking water disinfectant. In addition

ETWD treats its stored water with chloramines.

Chloramines are effective killers of bacteria and other microorganisms that may cause disease. Chloramines form fewer disinfection byproducts and have no odor when used properly. People who use kidney dialysis machines may want to take special precautions and consult their physician for the appropriate type of water treatment. Customers who maintain fish ponds, tanks or aquariums should also make necessary adjustments in water quality treatment, as these disinfectants are toxic to fish.

For further information, or if you have any questions about chloramines, please call the Customer Service Office at (949) 837-0660.



Disinfectants and Disinfection Byproducts

Disinfection of drinking water was one of the major public health advances in the 20th century. Disinfection was a major factor in reducing waterborne disease epidemics caused by pathogenic bacteria and viruses, and it remains an essential part of drinking water treatment today.

Chlorine disinfection has almost completely eliminated from our lives the risks of microbial waterborne diseases. Chlorine is added to your drinking water at the source of supply (surface water treatment plant). Enough chlorine is added so that it does not completely dissipate through the distribution system pipes. This “residual” chlorine helps to prevent the growth of bacteria in the pipes that carry drinking water from the source into your home.

However, chlorine can react with naturally-occurring materials in the water to form unintended chemical byproducts, called disinfection byproducts (DBPs), which may pose health risks. A major challenge is how to balance the risks from microbial pathogens and DBPs. It is important to provide protection from these microbial pathogens while simultaneously mitigating health risks from disinfection byproducts. The Safe

Drinking Water Act requires the USEPA to develop rules to achieve these goals.

Trihalomethanes (THMs) and Haloacetic Acids (HAAs) are the most common and most studied DBPs found in drinking water treated with chlorine. In 1979, the USEPA set the maximum amount of total THMs allowed in drinking water at 100 parts per billion as an annual running average. Effective in January 2002, the Stage 1 Disinfectants / Disinfection Byproducts Rule lowered the total THM maximum annual average level to 80 parts per billion and added HAAs to the list of regulated chemicals in drinking water. Your drinking water complies with the Stage 1 Disinfectants / Disinfection Byproducts Rule.

Stage 2 of the regulation was finalized by USEPA in 2006, which further controls allowable levels of DBPs in drinking water without compromising disinfection itself. A required distribution system evaluation was completed in 2008 and a Stage 2 monitoring plan has been approved by DDW. Full Stage 2 compliance began in 2012.

Cryptosporidium

Cryptosporidium is a microscopic organism that, when ingested, can cause diarrhea, fever, and other gastrointestinal symptoms. The organism comes from animal and/or human wastes and may be in surface water. IRWD and MWDSC tested their source water and treated surface water for *Cryptosporidium* in 2022 but did not detect it. If it ever is detected, *Cryptosporidium* is eliminated by an effective treatment combination including sedimentation, filtration and disinfection.

The USEPA and the federal Centers for Disease Control and Prevention guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from USEPA's Safe Drinking Water Hotline (800) 426-4791 or online at www.epa.gov/safewater.



Immunocompromised People

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised people, such as those with cancer who are undergoing chemotherapy, persons who have had organ transplants, people with HIV/AIDS or other immune system disorders, some elderly persons and infants can be particularly at risk to infection. These people should seek advice about drinking water from their health care providers.

2022 Metropolitan Water District of Southern California Treated Surface Water

Chemical	MCL	PHG (MCLG)	Average Amount	Range of Detections	MCL Violation?	Typical Source of Chemical
Radiologicals – Tested in 2020 and 2022						
Gross Alpha Particle Activity (pCi/L)	15	(0)	ND	ND – 3	No	Erosion of Natural Deposits
Gross Beta Particle Activity (pCi/L)	50	(0)	6	ND – 9	No	Decay of Natural and Man-made Deposits
Uranium (pCi/L)	20	0.43	2	1 – 3	No	Erosion of Natural Deposits
Inorganic Chemicals – Tested in 2022						
Aluminum (ppm)	1	0.6	0.14	0.085 – 0.21	No	Treatment Process Residue, Natural Deposits
Barium (ppm)	1	2	0.107	0.107	No	Refinery Discharge, Erosion of Natural Deposits
Fluoride (ppm)	2	1	0.7	0.7 – 0.8	No	Water Additive for Dental Health
Secondary Standards* – Tested in 2022						
Aluminum (ppb)	200*	600	140	85 – 210	No	Treatment Process Residue, Natural Deposits
Chloride (ppm)	500*	n/a	101	98 – 104	No	Runoff or Leaching from Natural Deposits
Color (Color Units)	15*	n/a	1	1	No	Naturally-occurring Organic Materials
Odor (Threshold Odor Number)	3*	n/a	3	3	No	Naturally-occurring Organic Materials
Specific Conductance (µmho/cm)	1,600*	n/a	988	965 – 1,010	No	Substances that Form Ions in Water
Sulfate (ppm)	500*	n/a	221	213 – 229	No	Runoff or Leaching from Natural Deposits
Total Dissolved Solids (ppm)	1,000*	n/a	628	608 – 648	No	Runoff or Leaching from Natural Deposits
Unregulated Chemicals – Tested in 2022						
Alkalinity, total as CaCO ₃ (ppm)	Not Regulated	n/a	126	125 – 127	n/a	Runoff or Leaching from Natural Deposits
Boron (ppm)	NL = 1	n/a	0.13	0.13	n/a	Runoff or Leaching from Natural Deposits
Calcium (ppm)	Not Regulated	n/a	68	66 – 70	n/a	Runoff or Leaching from Natural Deposits
Hardness, total as CaCO ₃ (ppm)	Not Regulated	n/a	278	275 – 281	n/a	Runoff or Leaching from Natural Deposits
Hardness, total (grains/gallon)	Not Regulated	n/a	16	16	n/a	Runoff or Leaching from Natural Deposits
Magnesium (ppm)	Not Regulated	n/a	25	24 – 26	n/a	Runoff or Leaching from Natural Deposits
pH (pH units)	Not Regulated	n/a	8.1	8.1	n/a	Hydrogen Ion Concentration
Potassium (ppm)	Not Regulated	n/a	4.6	4.4 – 4.8	n/a	Runoff or Leaching from Natural Deposits
Sodium (ppm)	Not Regulated	n/a	98	95 – 102	n/a	Runoff or Leaching from Natural Deposits
Total Organic Carbon (ppm)	TT	n/a	2.5	2.3 – 2.6	n/a	Various Natural and Man-made Sources

ppb = parts per billion; ppm = parts per million; pCi/L = picoCuries per liter; µmho/cm = micromhos per centimeter; ND = not detected;

MCL = Maximum Contaminant Level; (MCLG) = federal MCL Goal; PHG = California Public Health Goal;

NL = Notification Level; n/a = not applicable; TT = treatment technique

*Chemical is regulated by a secondary standard.

Turbidity – combined filter effluent Metropolitan Water District Diemer Filtration Plant	Treatment Technique	Turbidity Measurements	TT Violation?	Typical Source of Chemical
1) Highest single turbidity measurement (NTU)	0.3	0.03	No	Soil Runoff
2) Percentage of samples less than or equal to 0.3 NTU	95%	100%	No	Soil Runoff

Turbidity is a measure of the cloudiness of the water, an indication of particulate matter, some of which might include harmful microorganisms.

NTU = nephelometric turbidity units

Low turbidity in Metropolitan's treated water is a good indicator of effective filtration. Filtration is called a "treatment technique" (TT).

A treatment technique is a required process intended to reduce the level of chemicals in drinking water that are difficult and sometimes impossible to measure directly.

Unregulated Chemicals Requiring Monitoring

Chemical	Notification Level	PHG	Average Amount	Range of Detections	Most Recent Sampling Date
Manganese (ppb)**	SMCL = 50	n/a	1.4	1.4	2019

SMCL = Secondary MCL

**Manganese is regulated with a secondary standard of 50 ppb but was not detected, based on the detection limit for purposes of reporting of 20 ppb.

Manganese was included as part of the unregulated chemicals requiring monitoring.

Chart Legend

What are Water Quality Standards?

Drinking water standards established by USEPA and DDW set limits for substances that may affect consumer health or aesthetic qualities of drinking water. The charts in this report show the following types of water quality standards:

- **Maximum Contaminant Level (MCL):** The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible.
- **Maximum Residual Disinfectant Level (MRDL):** The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.
- **Secondary MCLs** are set to protect the odor, taste, and appearance of drinking water.
- **Primary Drinking Water Standard:** MCLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment requirements.
- **Regulatory Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

What is a Water Quality Goal?

In addition to mandatory water quality standards, USEPA and DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guideposts and direction for water management practices. The charts in this report include three types of water quality goals:

- **Maximum Contaminant Level Goal (MCLG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by USEPA.
- **Maximum Residual Disinfectant Level Goal (MRDLG):** The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.
- **Public Health Goal (PHG):** The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

How are Contaminants Measured?

Water is sampled and tested throughout the year. Contaminants are measured in:

- parts per million (ppm) or milligrams per liter (mg/L)
- parts per billion (ppb) or micrograms per liter (µg/L)
- parts per trillion (ppt) or nanograms per liter (ng/L)

2022 Irvine Ranch Water District – Baker Water Treatment Plant

Chemical	MCL	PHG	Average Amount	Range of Detections	MCL Violation?	Typical Source of Chemical
Radiologicals – Tested in 2022						
Gross Alpha Particle Activity (pCi/L)	15	MCLG = 0	2	2 – 3	No	Erosion of Natural Deposits
Gross Beta Particle Activity (pCi/L)	50	MCLG = 0	6.2	5.4 – 7.1	No	Decay of Natural and Man-made Deposits
Uranium (pCi/L)	20	0.43	1.6	1.5 – 1.7	No	Erosion of Natural Deposits
Inorganic Chemicals – Tested in 2022						
Arsenic (ppb)	10	0.004	<2	ND – 2.24	No	Erosion of Natural Deposits
Barium (ppm)	1	2	<0.1	ND – 0.107	No	Refinery Discharge, Erosion of Natural Deposits
Chlorine Dioxide (ppb)	MRDL = 800	MRDLG = 800	68.5	ND – 120	No	Drinking Water Disinfectant Added for Treatment
Chlorite (ppm)	1.0	0.05	<0.05	ND – 0.08	No	Byproduct of Drinking Water Chlorination
Fluoride (ppm)	2.0	1	0.34	0.32 – 0.35	No	Erosion of Natural Deposits; Water Additive for Dental Health
Secondary Standards* – Tested in 2022						
Chloride (ppm)	500*	n/a	101	99.8 – 103	No	Runoff or Leaching from Natural Deposits
Odor (Threshold Odor Number)	3*	n/a	1	1	No	Naturally-occurring Organic Materials
Specific Conductance (µmho/cm)	1,600*	n/a	991	979 – 1,006	No	Substances that Form Ions in Water
Sulfate (ppm)	500*	n/a	213	201 – 225	No	Runoff or Leaching from Natural Deposits
Total Dissolved Solids (ppm)	1,000*	n/a	627	604 – 650	No	Runoff or Leaching from Natural Deposits
Unregulated Chemicals – Tested in 2022						
Alkalinity, total as CaCO ₃ (ppm)	Not Regulated	n/a	125	122 – 127	n/a	Runoff or Leaching from Natural Deposits
Boron (ppm)	NL = 1	n/a	0.137	0.133 – 0.141	n/a	Runoff or Leaching from Natural Deposits
Calcium (ppm)	Not Regulated	n/a	71.6	69.9 – 73.3	n/a	Runoff or Leaching from Natural Deposits
Hardness, total as CaCO ₃ (ppm)	Not Regulated	n/a	292	282 – 302	n/a	Runoff or Leaching from Natural Deposits
Hardness, total (grains/gallon)	Not Regulated	n/a	17	16 – 18	n/a	Runoff or Leaching from Natural Deposits
Magnesium (ppm)	Not Regulated	n/a	27.6	26.2 – 28.9	n/a	Runoff or Leaching from Natural Deposits
pH (pH units)	Not Regulated	n/a	8.2	8 – 8.4	n/a	Hydrogen Ion Concentration
Potassium (ppm)	Not Regulated	n/a	5.14	4.82 – 5.46	n/a	Runoff or Leaching from Natural Deposits
Sodium (ppm)	Not Regulated	n/a	98.8	95.5 – 102	n/a	Runoff or Leaching from Natural Deposits
Total Organic Carbon (ppm)	TT	n/a	2.1	2 – 2.1	n/a	Various Natural and Man-made Sources

ppb = parts per billion; **ppm** = parts per million; **pCi/L** = picoCuries per liter; **µmho/cm** = micromhos per centimeter; **NTU** = nephelometric turbidity units; **MCL** = Maximum Contaminant Level; **PHG** = California Public Health Goal; **(MCLG)** = federal MCL Goal; **MRDL** = Maximum Residual Disinfectant Level; **MRDLG** = Maximum Residual Disinfectant Level Goal; **NL** = Notification Level; **n/a** = not applicable; **TT** = treatment technique

*Chemical is regulated by a secondary standard.

Turbidity – combined filter effluent Irvine Ranch Water District Baker Water Treatment Plant	Treatment Technique	Turbidity Measurements	TT Violation?	Typical Source of Chemical
1) Highest single turbidity measurement (NTU)	0.1	0.03	No	Soil Runoff
2) Percentage of samples less than or equal to 0.3 NTU	95%	100%	No	Soil Runoff

Turbidity is a measure of the cloudiness of the water, an indication of particulate matter, some of which might include harmful microorganisms.

NTU = nephelometric turbidity units

Low turbidity in the treated water is a good indicator of effective filtration. Filtration is called a "treatment technique" (TT).

A treatment technique is a required process intended to reduce the level of chemicals in drinking water that are difficult and sometimes impossible to measure directly.

Source Water Assessments

Every five years, water purveyors are required by DDW to examine possible sources of drinking water contamination in its water sources.

The most recent surveys for MWDSC's source waters are the Colorado River Watershed Sanitary Survey – 2020 Update, and the State Water Project Watershed Sanitary Survey – 2021 Update. The IRWD watershed sanitary survey for Santiago Reservoir (Irvine Lake) was updated in 2019.

Water from the Colorado River is considered to be most vulnerable to contamination from recreation, urban/stormwater runoff, increasing urbanization in the watershed, and wastewater. Water supplies from Northern California's State Water Project are most vulnerable to contamination from

urban/stormwater runoff, wildlife, agriculture, recreation, and wastewater. Water supplies from the Santiago Reservoir are most vulnerable to contamination from septic systems and wildfires.

USEPA also requires water purveyors to complete one Source Water Assessment (SWA) that utilizes information collected in the watershed sanitary surveys. MWDSC completed its SWA in December 2002. The most recent SWA for Santiago Reservoir was completed in 2001. The SWA is used to evaluate the vulnerability of water sources to contamination and helps determine whether more protective measures are needed.

For additional information on the Watershed Sanitary Surveys or the Source Water Assessments, please call the District at (949) 837-0660.



2022 El Toro Water District Distribution System Water Quality

Disinfection Byproducts	MCL (MRDL/MRDLG)	Average Amount	Range of Detections	MCL Violation?	Typical Source of Contaminant
Total Trihalomethanes (ppb)	80	41	31 – 51	No	Byproducts of Chlorine Disinfection
Haloacetic Acids (ppb)	60	18	8.5 – 29	No	Byproducts of Chlorine Disinfection
Chlorine Residual (ppm)	(4 / 4)	1.7	0.3 – 3.17	No	Disinfectant Added for Treatment

Aesthetic Quality

Turbidity (NTU)	5*	<0.1	ND – 0.12	No	Erosion of Natural Deposits
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Eight locations in the distribution system are tested quarterly for total trihalomethanes and haloacetic acids; and nineteen locations monthly for color, odor and turbidity. Color and odor were not detected in 2022.

MRDL = Maximum Residual Disinfectant Level; **MRDLG** = Maximum Residual Disinfectant Level Goal

*Contaminant is regulated by a secondary standard to maintain aesthetic qualities (taste, odor, color).

Lead and Copper Action Levels at Residential Taps

	Action Level (AL)	Public Health Goal	90 th Percentile Value	Sites Exceeding AL / Number of Sites	AL Violation?	Typical Source of Contaminant
Lead (ppb)	15	0.2	ND	0/41	No	Corrosion of Household Plumbing
Copper (ppm)	1.3	0.3	0.089	0/41	No	Corrosion of Household Plumbing

Every three years, the District collects samples that are tested for lead and copper at-the-customers-tap. The most recent set of samples was collected in 2020.

Lead was detected in only 1 sample. The 90th percentile value for lead did not exceed the Action Level. Copper was detected in 14 samples; none exceeded the Action Level.

A regulatory Action Level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Unregulated Chemicals Requiring Monitoring in the Distribution System

Chemical	Notification Level	PHG	Average Amount	Range of Detections	Most Recent Sampling Date
Haloacetic Acids (HAA5) (ppb)	n/a	n/a	6.43	3.96 – 8.8	2019
Haloacetic Acids (HAA6Br) (ppb)	n/a	n/a	6.53	4.29 – 8.5	2019
Haloacetic Acids (HAA9) (ppb)	n/a	n/a	11.6	7.73 – 15.5	2019

About Lead in Tap Water

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and



components associated with service lines and home plumbing. ETWD is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead

exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested.

Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or online at: www.epa.gov/safewater/lead.

Want to Learn More about Water?

There's a wealth of information on the internet about Drinking Water Quality and water issues in general. Some good sites to begin your own research are:

Metropolitan Water District of So. California:
www.mwdh2o.com

California Department of Water Resources:
www.water.ca.gov

The Water Education Foundation:
www.watereducation.org

To learn more about
Water Conservation & Rebate Information:
www.etwd.com/conservation

And to see the Aqueducts in action, checkout these two videos:

Wings Over the State Water Project:
youtu.be/8A1v1Rr2neU

Wings Over the Colorado Aqueduct:
youtu.be/KipMQh5t0f4

Your 2023 Water Quality Report

The Knowledge You Need for Continued Consumer Confidence

Look inside to see how our water quality is equal to or better than what is required to safeguard public health.



El Toro Water District

24251 Los Alisos Boulevard
Lake Forest, California 92630



Water Quality is Our Number One Priority

Turn the tap and the water flows. Delivering high-quality drinking water to our customers is a scientific and engineering feat that requires considerable effort and talent to ensure the water is always available to drink.

Because tap water is highly regulated by state and federal laws, water treatment and distribution operators must be licensed and are required to complete on-the-job training and technical education before becoming a state certified operator. Our licensed water professionals have an understanding of a wide range of subjects, including mathematics, biology, chemistry, physics, and engineering.

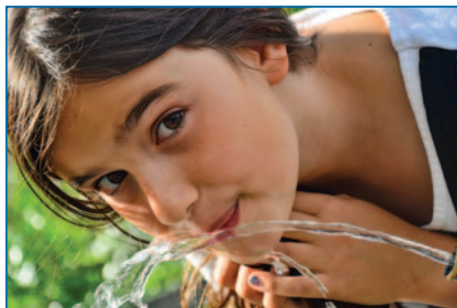
Some of the tasks they complete on a regular basis

include: Operating and maintaining equipment to maintain water quality; Monitoring and inspecting machinery, meters, gauges, and operating conditions; Conducting tests

and inspections on water and evaluating the results; Documenting and reporting test results and system operations to regulatory agencies; and Serving our community through customer support, education, and outreach.

So, the next time you turn on your faucet, think of the skilled professionals who stand behind every drop.

ETWD is committed to safe guarding its water supply and ensuring that your tap water is safe to drink 24 hours a day, 7 days a week.



Where Does Our Water Come From?



...and How Does It Get to Us?

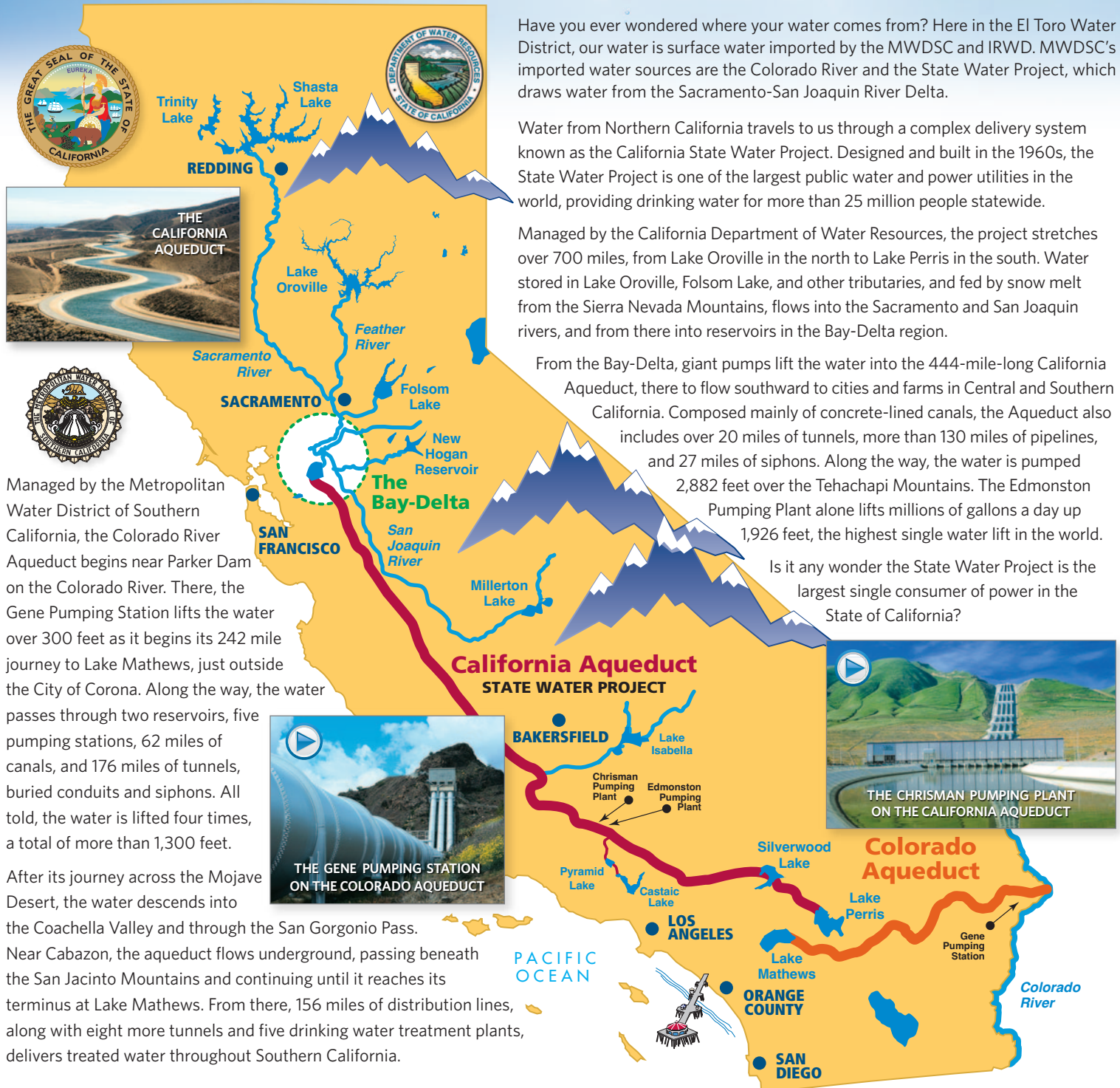
Have you ever wondered where your water comes from? Here in the El Toro Water District, our water is surface water imported by the MWDSC and IRWD. MWDSC's imported water sources are the Colorado River and the State Water Project, which draws water from the Sacramento-San Joaquin River Delta.

Water from Northern California travels to us through a complex delivery system known as the California State Water Project. Designed and built in the 1960s, the State Water Project is one of the largest public water and power utilities in the world, providing drinking water for more than 25 million people statewide.

Managed by the California Department of Water Resources, the project stretches over 700 miles, from Lake Oroville in the north to Lake Perris in the south. Water stored in Lake Oroville, Folsom Lake, and other tributaries, and fed by snow melt from the Sierra Nevada Mountains, flows into the Sacramento and San Joaquin rivers, and from there into reservoirs in the Bay-Delta region.

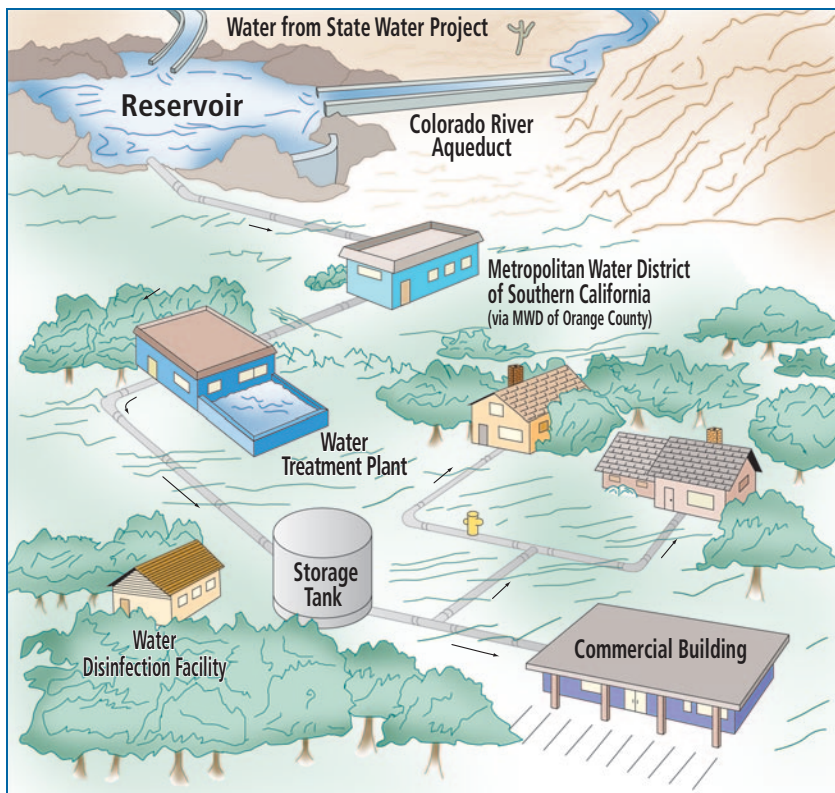
From the Bay-Delta, giant pumps lift the water into the 444-mile-long California Aqueduct, there to flow southward to cities and farms in Central and Southern California. Composed mainly of concrete-lined canals, the Aqueduct also includes over 20 miles of tunnels, more than 130 miles of pipelines, and 27 miles of siphons. Along the way, the water is pumped 2,882 feet over the Tehachapi Mountains. The Edmonston Pumping Plant alone lifts millions of gallons a day up 1,926 feet, the highest single water lift in the world.

Is it any wonder the State Water Project is the largest single consumer of power in the State of California?



Managed by the Metropolitan Water District of Southern California, the Colorado River Aqueduct begins near Parker Dam on the Colorado River. There, the Gene Pumping Station lifts the water over 300 feet as it begins its 242 mile journey to Lake Mathews, just outside the City of Corona. Along the way, the water passes through two reservoirs, five pumping stations, 62 miles of canals, and 176 miles of tunnels, buried conduits and siphons. All told, the water is lifted four times, a total of more than 1,300 feet.

After its journey across the Mojave Desert, the water descends into the Coachella Valley and through the San Geronio Pass. Near Cabazon, the aqueduct flows underground, passing beneath the San Jacinto Mountains and continuing until it reaches its terminus at Lake Mathews. From there, 156 miles of distribution lines, along with eight more tunnels and five drinking water treatment plants, delivers treated water throughout Southern California.



How Does Our Water Get to Us?

Importing water from hundreds of miles away is only the start to providing you clean, fresh water. Once the water is in the southland, the Metropolitan Water District of Southern California, in partnership with the Municipal Water District of Orange County (MWD of Orange County), treats and pumps the water to individual cities throughout Orange County.

The El Toro Water District vigorously works to ensure the safety of your drinking water

and, in conjunction with MWDSC and MWD of Orange County, continuously monitors the water to verify adherence with drinking water regulations.



Every Drop is Golden...

"And it never failed that during the dry years the people forgot about the rich years, and during the wet years they lost all memory of the dry years. It was always that way."

~ JOHN STEINBECK, 1952

Torrential rains. A Sierra snowpack over 200% of normal. Blizzards in Southern California! For those of us weary of drought, this Winter's storms were a welcome relief. But gratifying as the season proved, it does not spell the end of drought. For even with full reservoirs and slowly replenishing aquifers, the cyclical nature of California's water fortunes, coupled with our arid climate, guarantees a return to drought in years to come.

Much has changed since Steinbeck's day. Water conservation has become a way of life. No longer seen as a temporary patch for times of drought, conservation's role as protector of our shared waters is engrained in our behavior. We recognize it doesn't mean we must use less water, only that we not waste the water we have. By saving water today, we ensure we'll have it tomorrow — for every drop is golden!

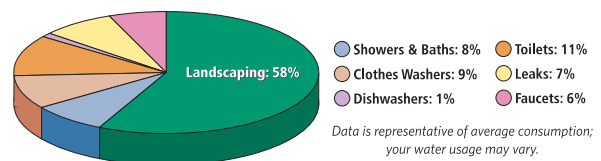


Where Do We Use Water the Most?

Outdoor watering of lawns and gardens makes up approximately 60% of home water use. By reducing your outdoor water use — by either cutting back on irrigation or planting more drought tolerant landscaping — you can dramatically reduce your overall water use.

Save the most where you use the most:

Make your outdoor use efficient.



Where Can You Learn More?

There's a wealth of information on the internet about Drinking Water Quality and water issues in general. Some good sites to begin your own research are:

Metropolitan Water District of So. California: www.mwdh2o.com

California Department of Water Resources: www.water.ca.gov

The Water Education Foundation: www.watereducation.org

To learn more about **Water Conservation & Rebate Information:**
www.bewaterwise.com • www.ocwatersmart.com

And to see the Aqueducts in action, checkout these two videos:

Wings Over the State Water Project: youtu.be/8A1v1Rr2neU

Wings Over the Colorado Aqueduct: youtu.be/KipMQh5tOf4



El Toro Water District

24251 Los Alisos Boulevard • Lake Forest, California 92630
 (949) 837-7050 • www.etwd.com



STAFF REPORT

To: Board of Directors

Meeting Date: June 22, 2023

From: Vu Chu, Water Use Efficiency Analyst

Subject: Water Use Efficiency Report

Rebate Programs:

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

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

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

Residential Rebate Programs:

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

Water Use Efficiency Report
Page 2

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

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

Commercial Rebate Programs:

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

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

Actual Customer Rebates Analysis:

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

Residential Device Rebates	Rebates Approved May 2023	ETWD Amount Paid	MET Amount Paid	Total Rebate Paid
High Efficiency Clothes Washer	2	\$230	\$170	\$400.00
Weather Based Irrigation Controller	2	\$140	\$179.99	\$319.99
High Efficiency Toilet	1	\$60	\$40	\$100.00

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

Turf Removal Program	Total sq.ft. Paid	ETWD Supplemental Amount	ETWD Supplemental Rebate Total
Turf Removal Residential	18,364	\$1 sq. ft.	\$17,016.00
Spray-To-Drip	11,911	\$0.25 sq. ft.	\$2,977.75

Water Use Efficiency Plan Update:

The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). During May 2023, residential customers accounted for 75% of Tier 3 usage and dedicated irrigation accounted for 25%. For Tier 4, residential customers accounted for 59% and dedicated irrigation accounted for 41% during the same period.

Total Consumption Comparison to Evapotranspiration (ET) Factor:

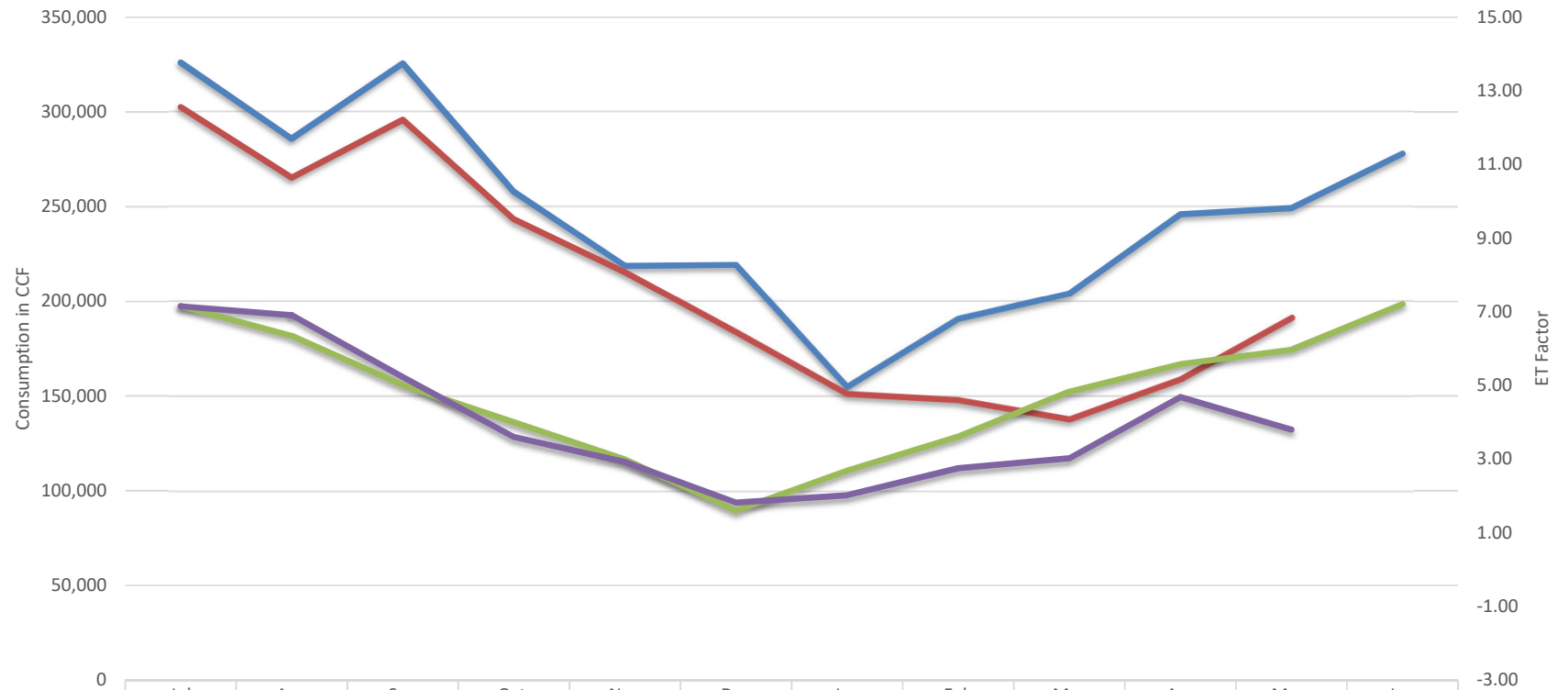
Included in this month's Water Use Efficiency Report is a chart comparing the current fiscal year consumption and ET factor to the fiscal 2021/22 consumption and ET factor. There was

a 23.26% reduction in total consumption reflected in May 2023 versus May 2022. The ET factor decreased from 5.97 to 3.80 during the same period.

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

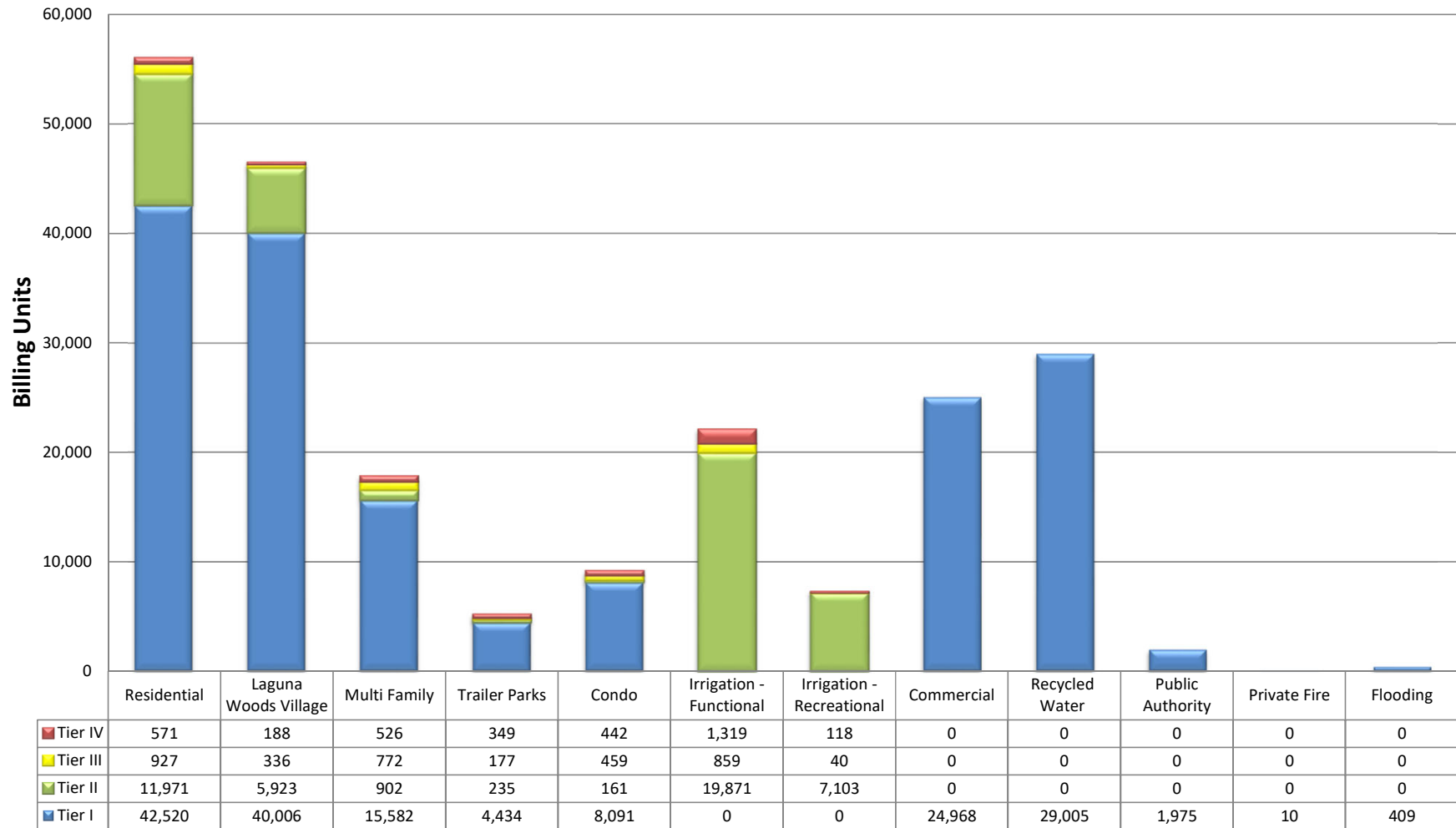
The following graphs highlight ETWD year-to-date consumption and consumption by tier for the current fiscal year compared to 2021-2022 fiscal year. ETWD water usage compared to 2013 and 2020 are also included.

Total Consumption Comparison

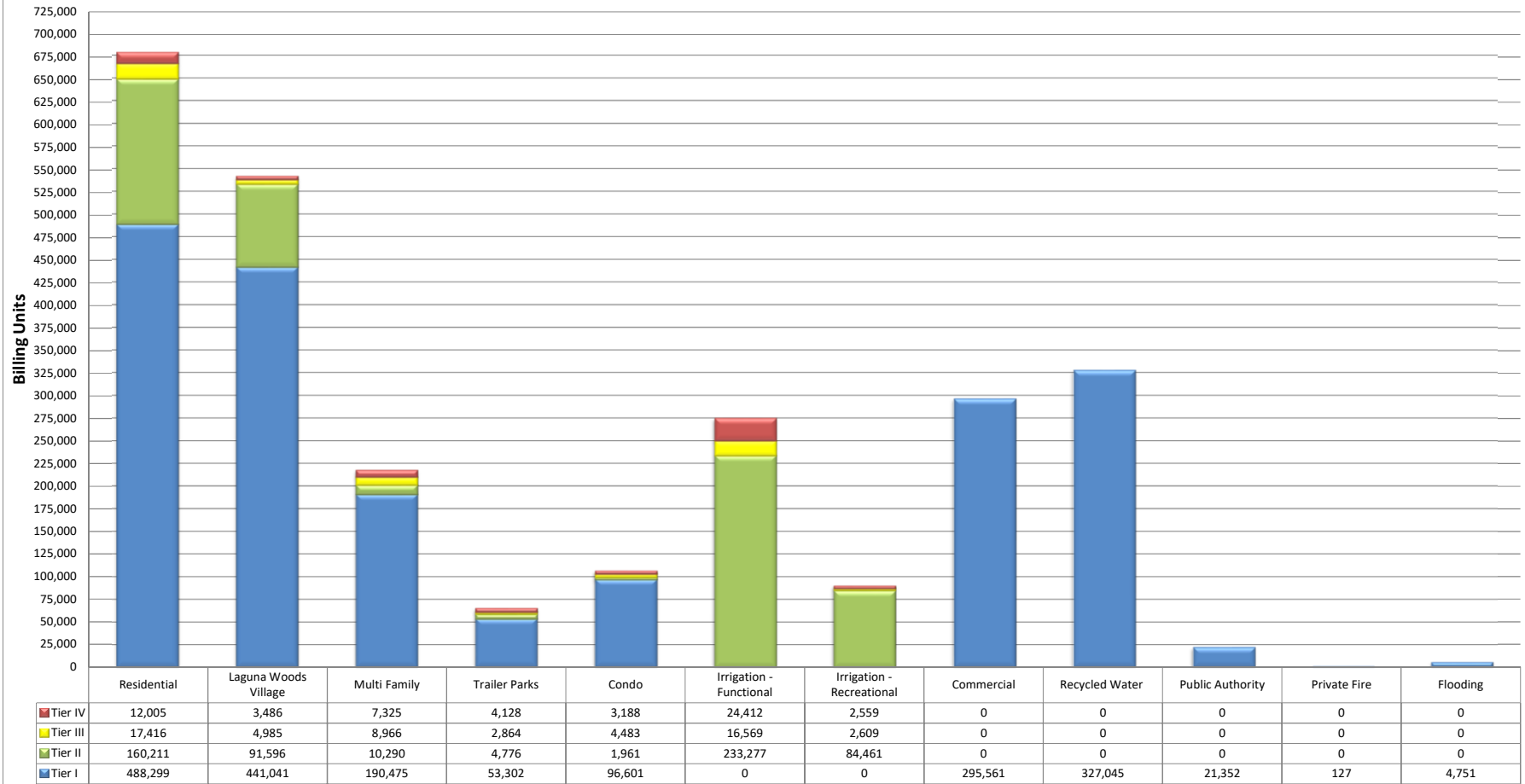


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY 2021-2022	326,076	285,955	325,642	257,784	218,693	219,231	154,838	190,655	203,970	245,962	249,225	278,011
FY 2022-2023	302,569	265,312	295,875	243,292	215,271	183,731	151,223	147,895	137,806	158,858	191,244	
% Change	-7.21%	-7.22%	-9.14%	-5.62%	-1.56%	-16.19%	-2.33%	-22.43%	-32.44%	-35.41%	-23.26%	
FY 21/22 ET	7.16	6.35	5.01	4.00	2.99	1.60	2.69	3.61	4.83	5.58	5.97	7.21
FY 22/23 ET	7.15	6.91	5.23	3.60	2.92	1.82	2.02	2.75	3.02	4.69	3.80	

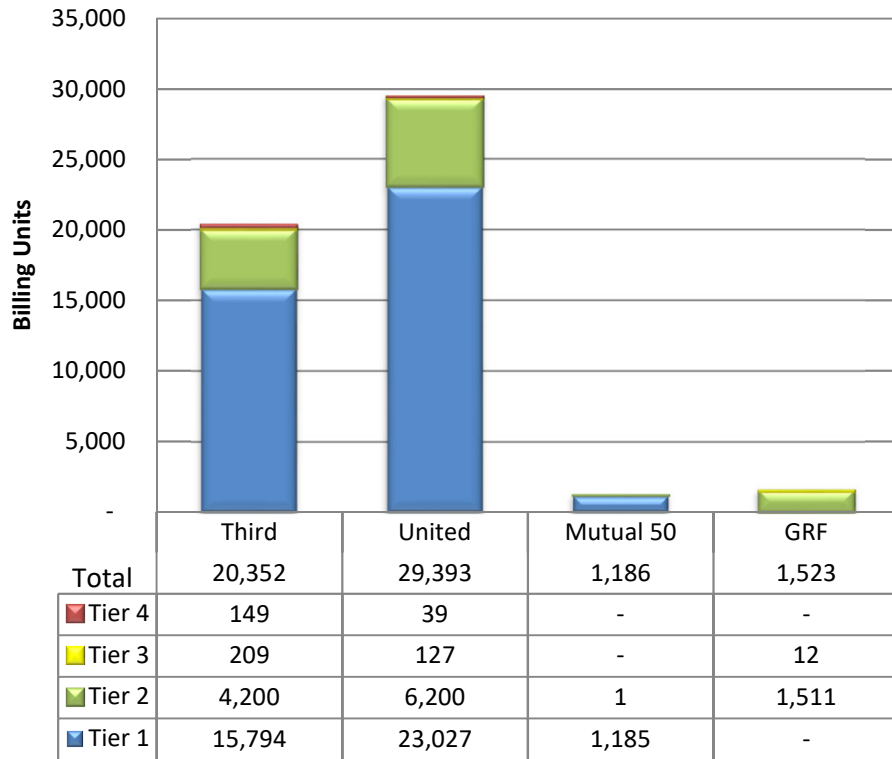
May 2023 Water Sales



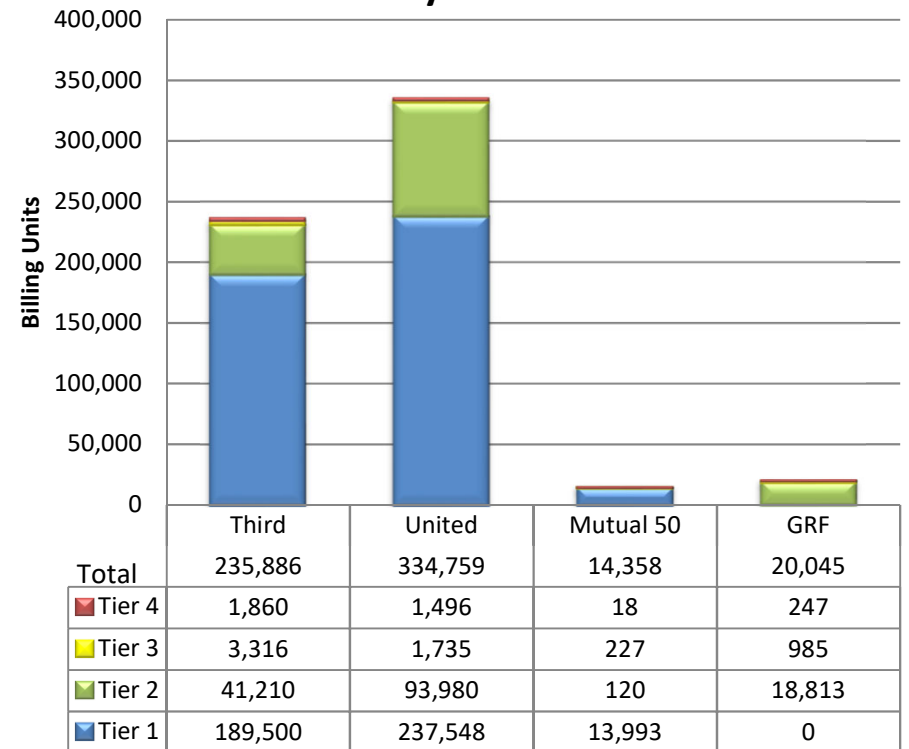
Year-to-Date Water Sales as of May 2023



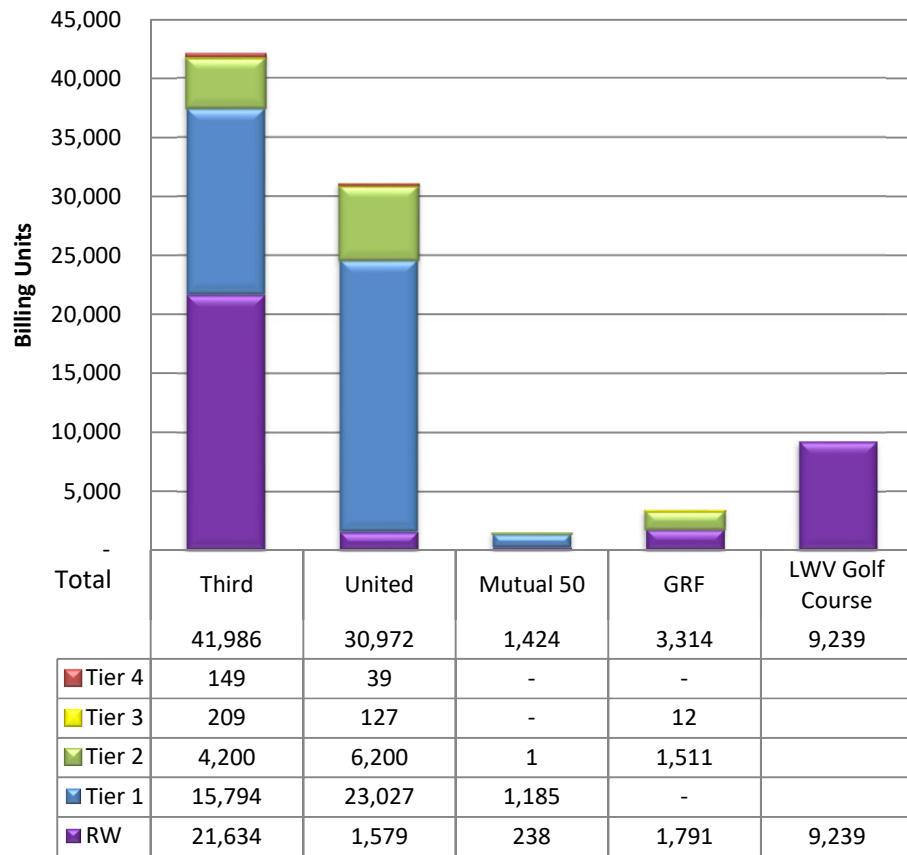
Laguna Woods Village May 2023 Water Sales



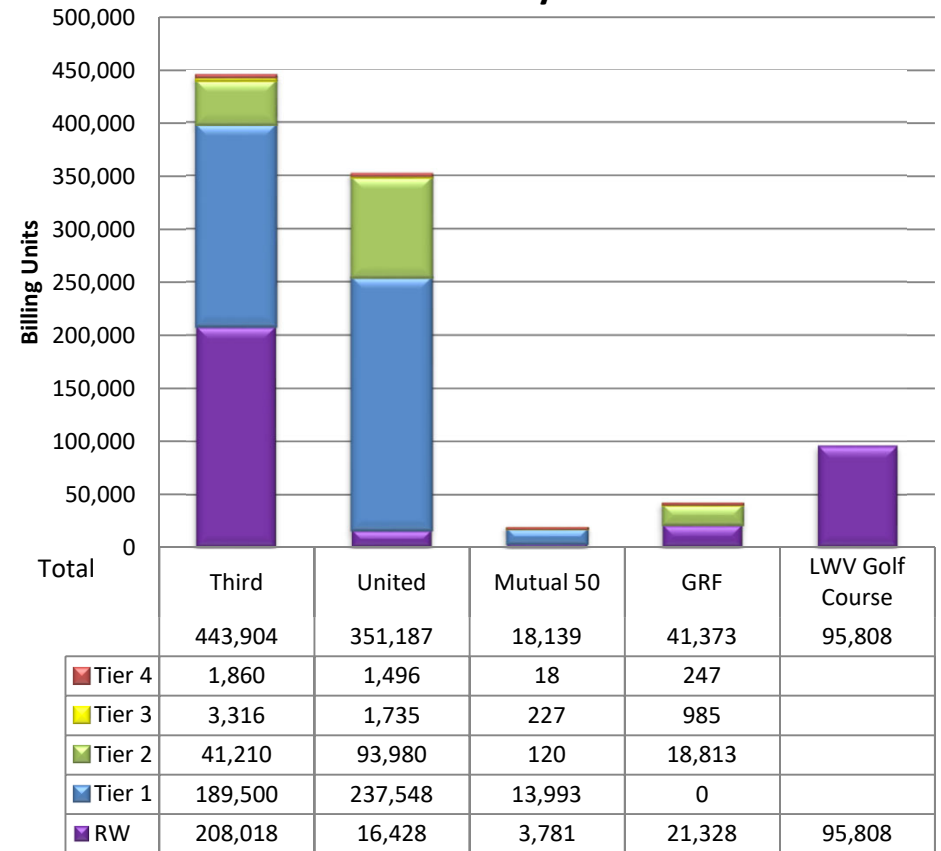
Laguna Woods Village Year-to-Date Water Sales May 2023



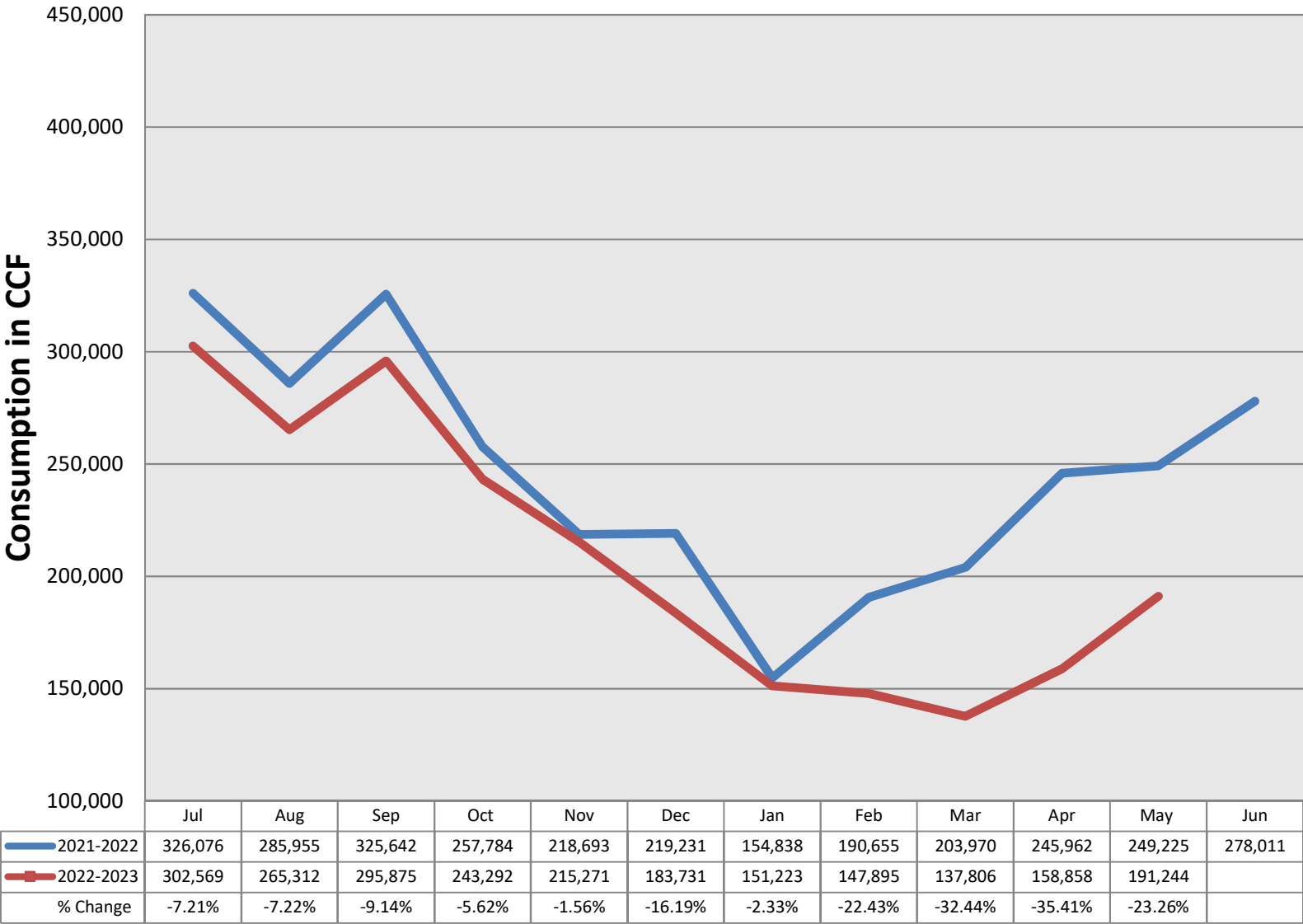
Laguna Woods Village May 2023 Water & RW Sales



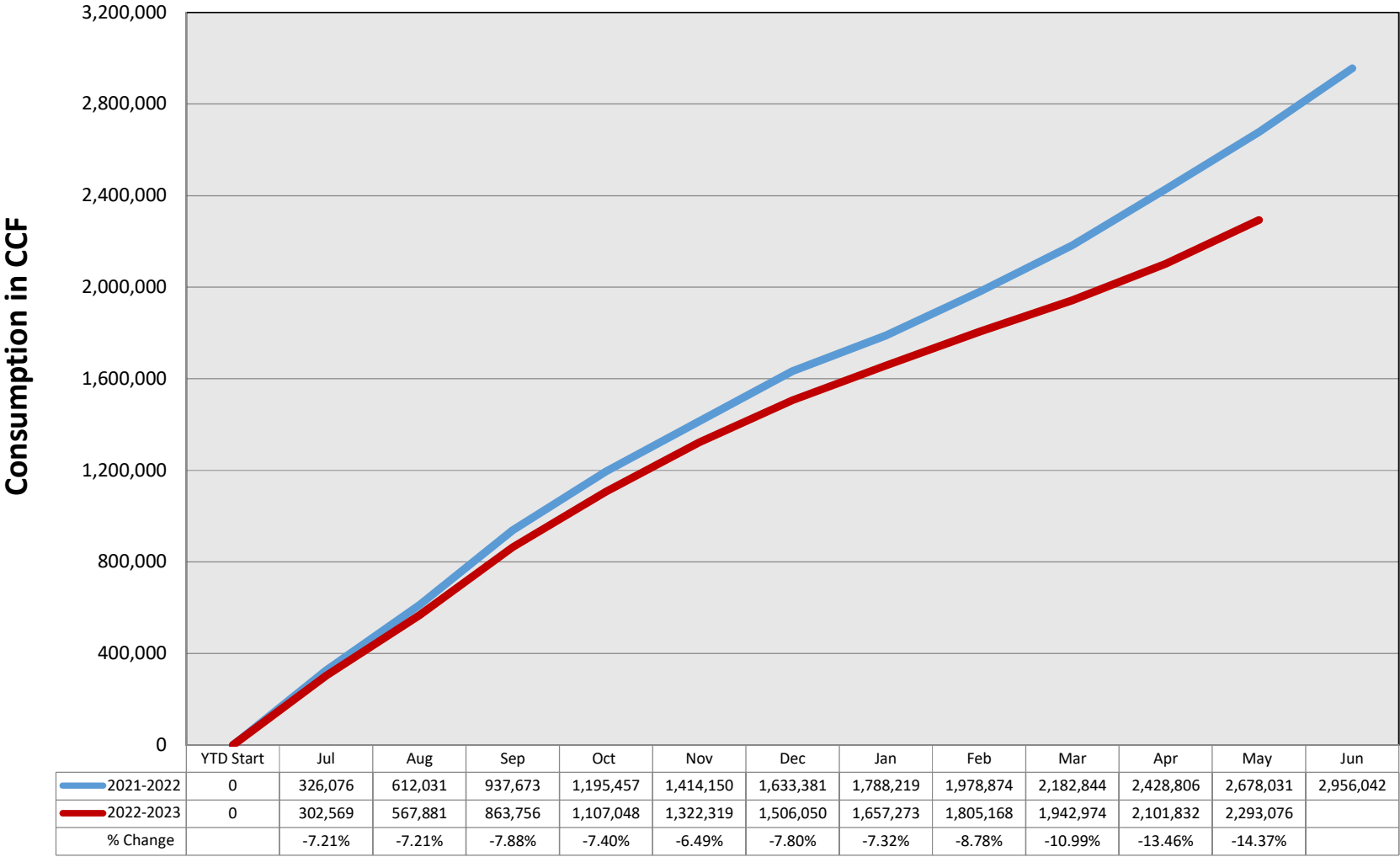
Laguna Woods Village Year-to-Date Water & RW Sales May 2023



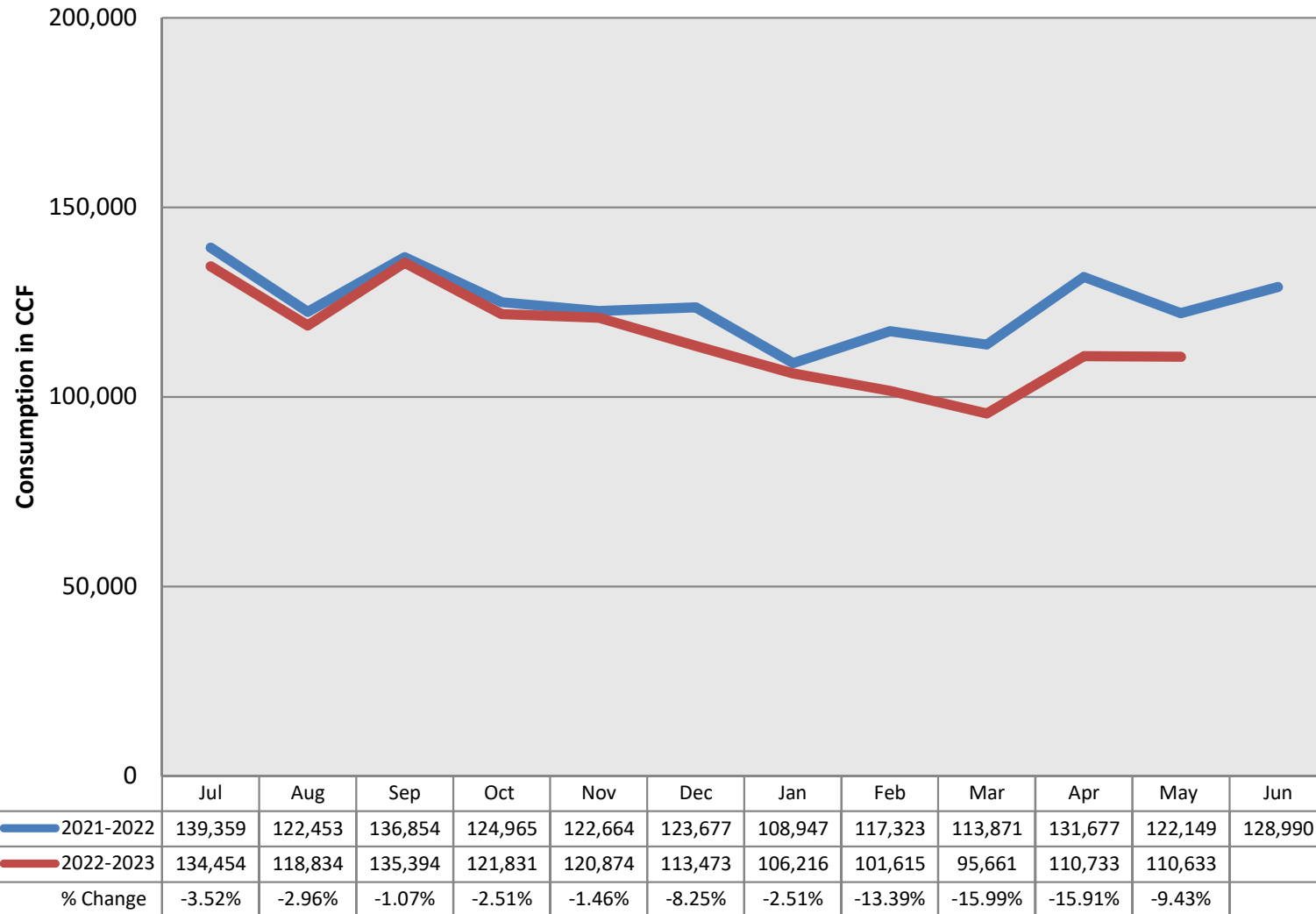
ETWD Total Consumption



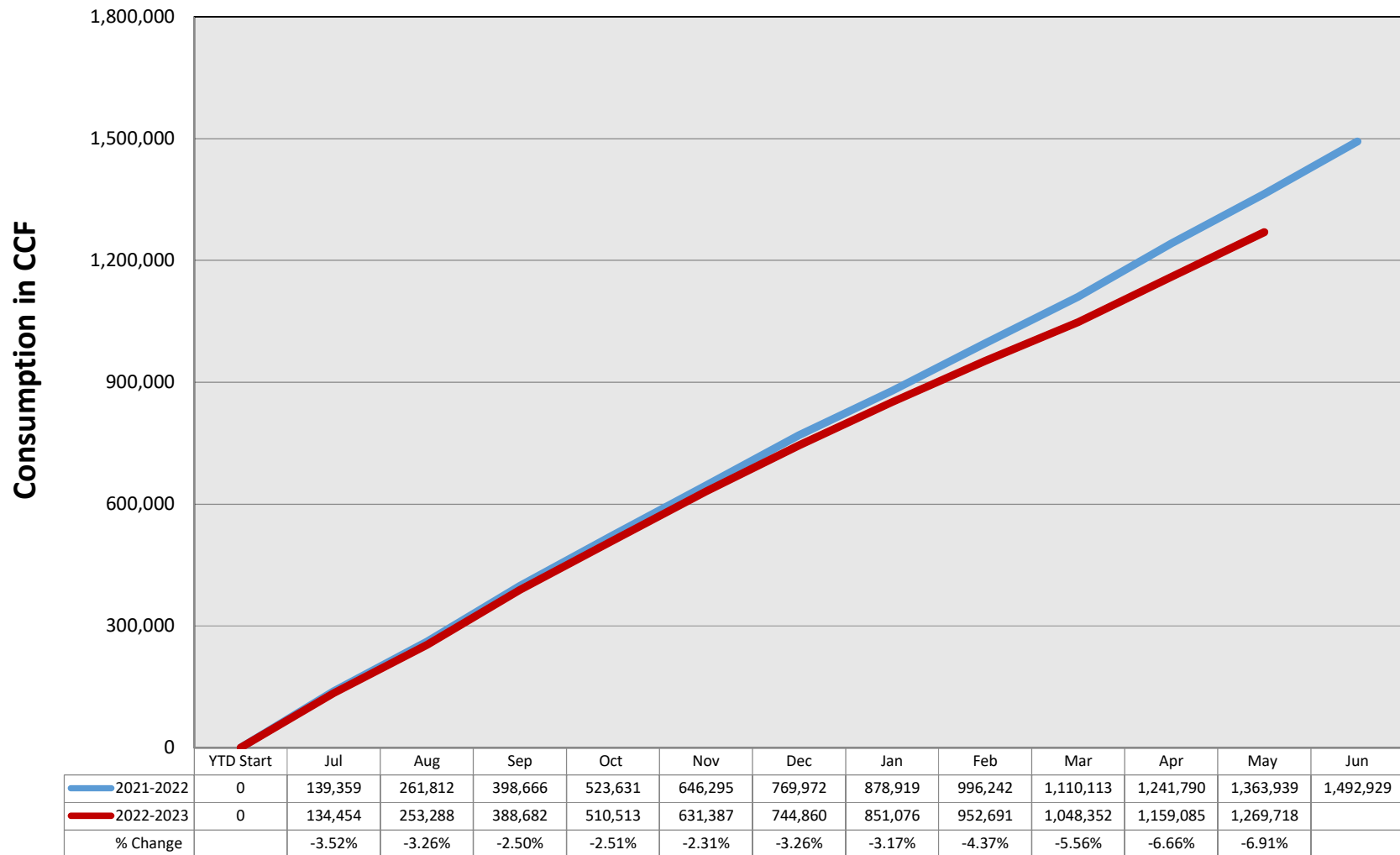
ETWD Fiscal YTD Consumption



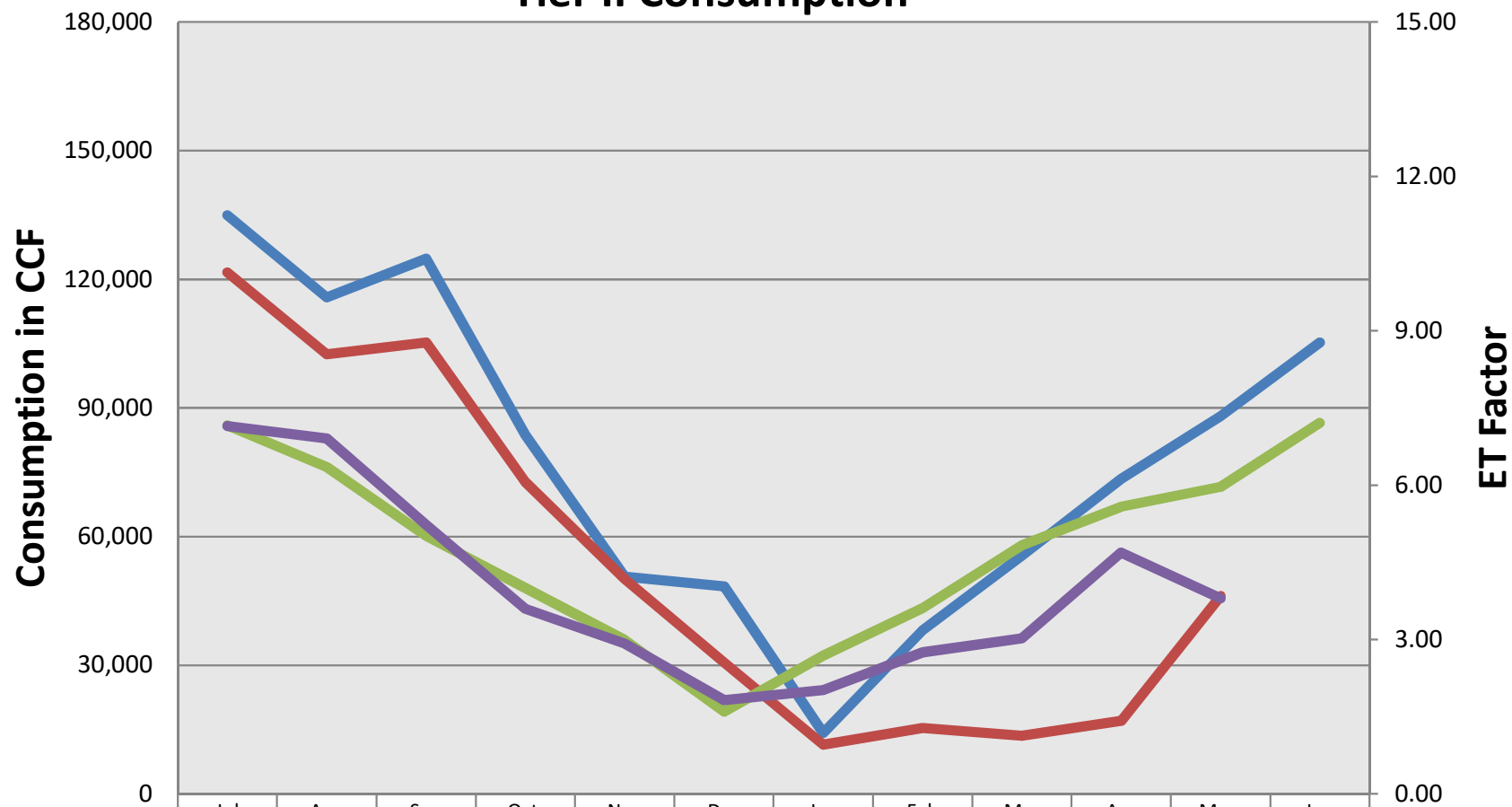
Tier I Consumption



Tier I Fiscal YTD Consumption

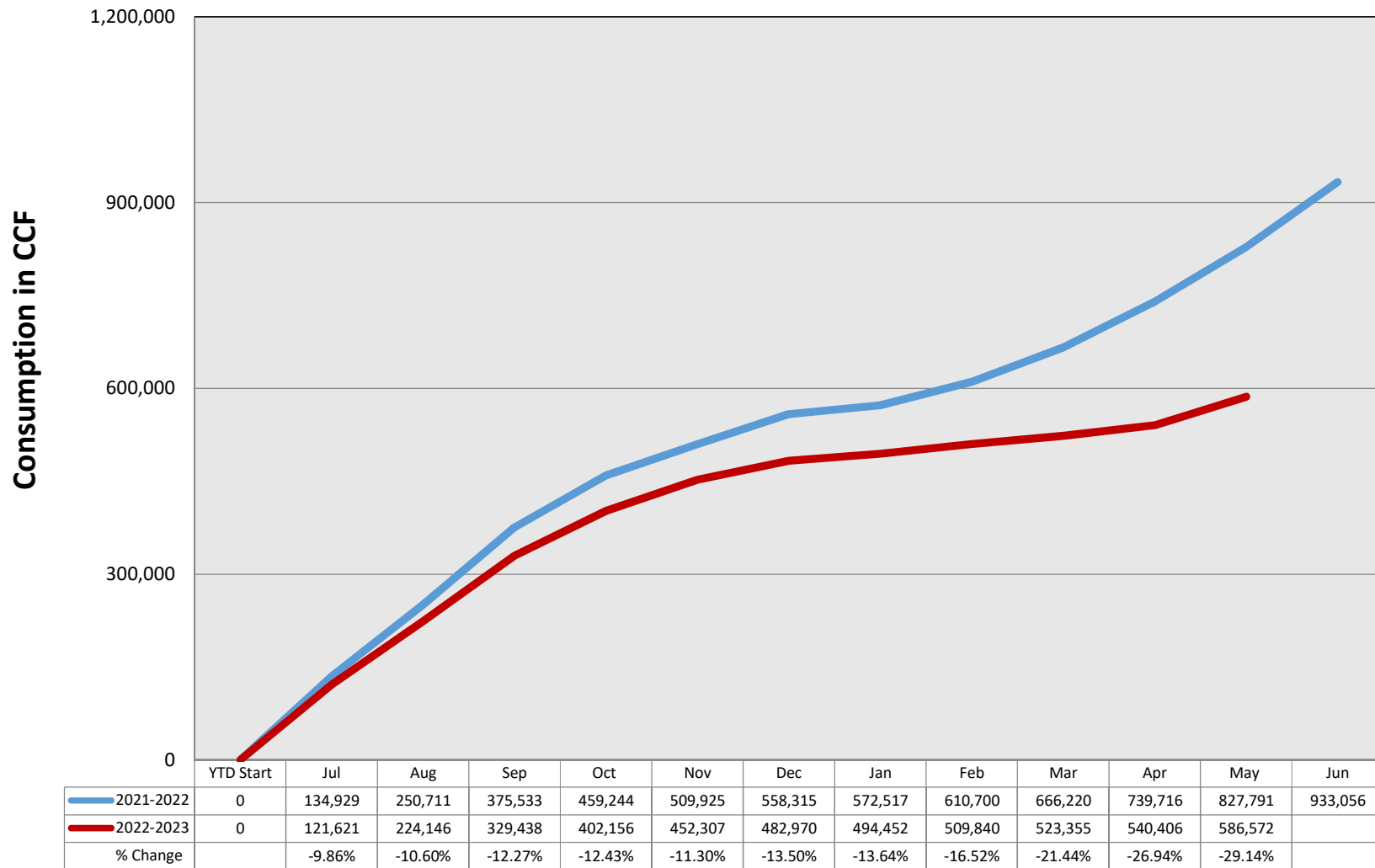


Tier II Consumption

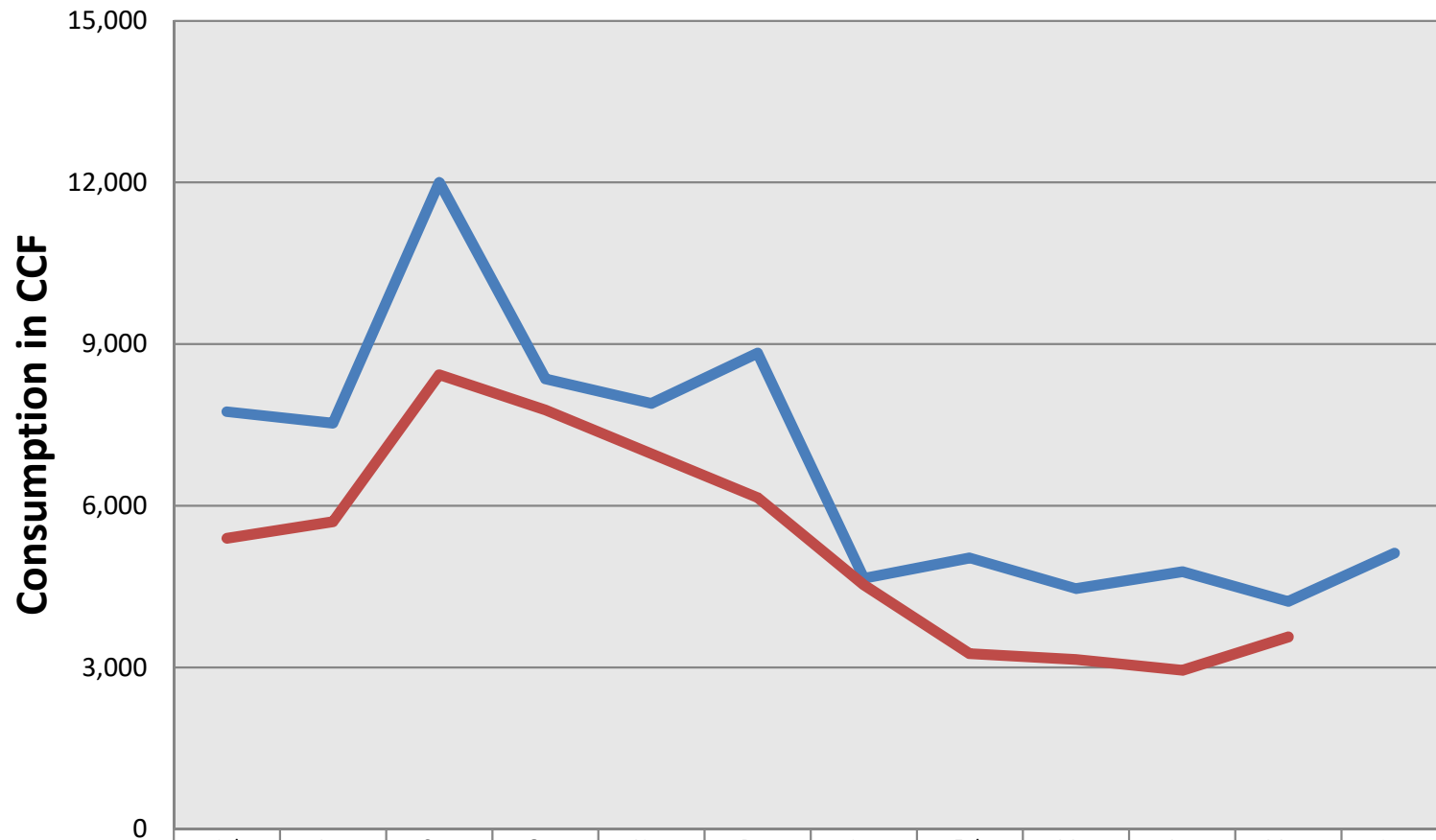


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	134,929	115,782	124,822	83,711	50,681	48,390	14,202	38,183	55,520	73,496	88,075	105,265
2022-2023	121,621	102,525	105,292	72,718	50,151	30,663	11,482	15,388	13,515	17,051	46,166	
% Change	-9.86%	-11.45%	-15.65%	-13.13%	-1.05%	-36.63%	-19.15%	-59.70%	-75.66%	-76.80%	-47.58%	
21/22 ET	7.16	6.35	5.01	4.00	2.99	1.60	2.69	3.61	4.83	5.58	5.97	7.21
22/23 ET	7.15	6.91	5.23	3.60	2.92	1.82	2.02	2.75	3.02	4.69	3.80	

Tier II Fiscal YTD Consumption

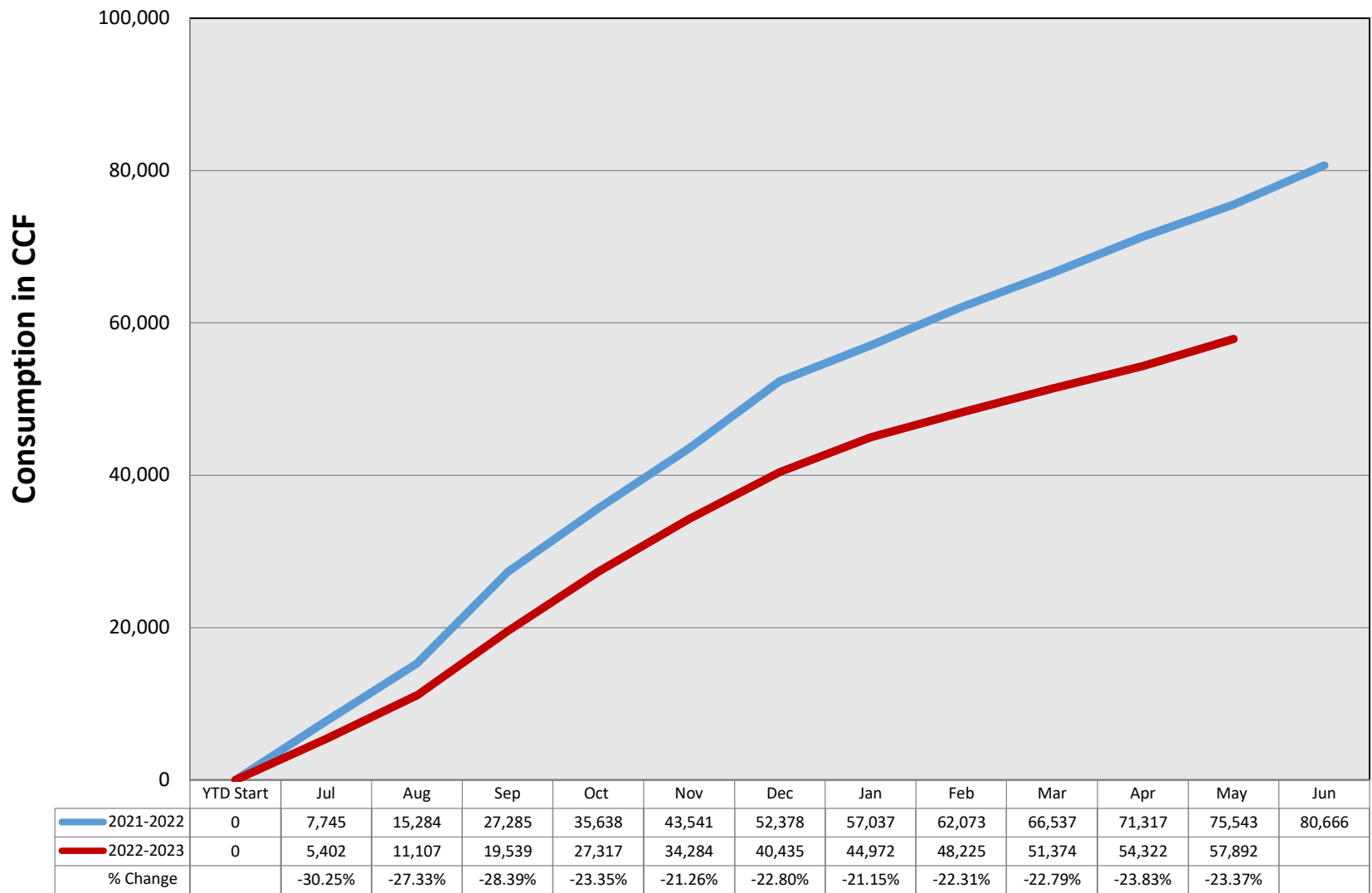


Tier III Consumption

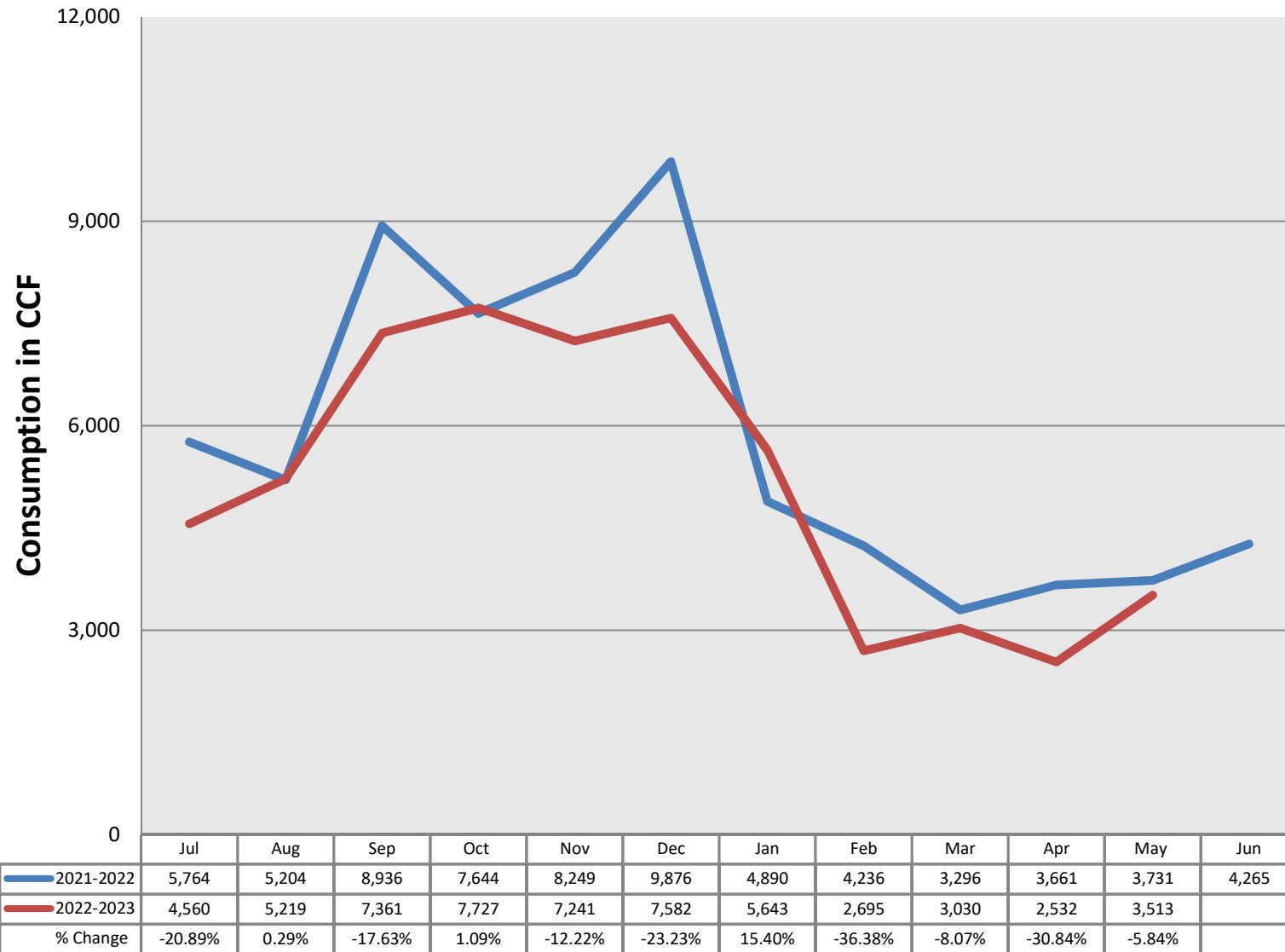


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2021-2022	7,745	7,539	12,001	8,353	7,903	8,837	4,659	5,036	4,464	4,780	4,226	5,123
2022-2023	5,402	5,705	8,432	7,778	6,967	6,151	4,537	3,253	3,149	2,948	3,570	
% Change	-30.25%	-24.33%	-29.74%	-6.88%	-11.84%	-30.39%	-2.62%	-35.41%	-29.46%	-38.33%	-15.52%	

Tier III Fiscal YTD Consumption

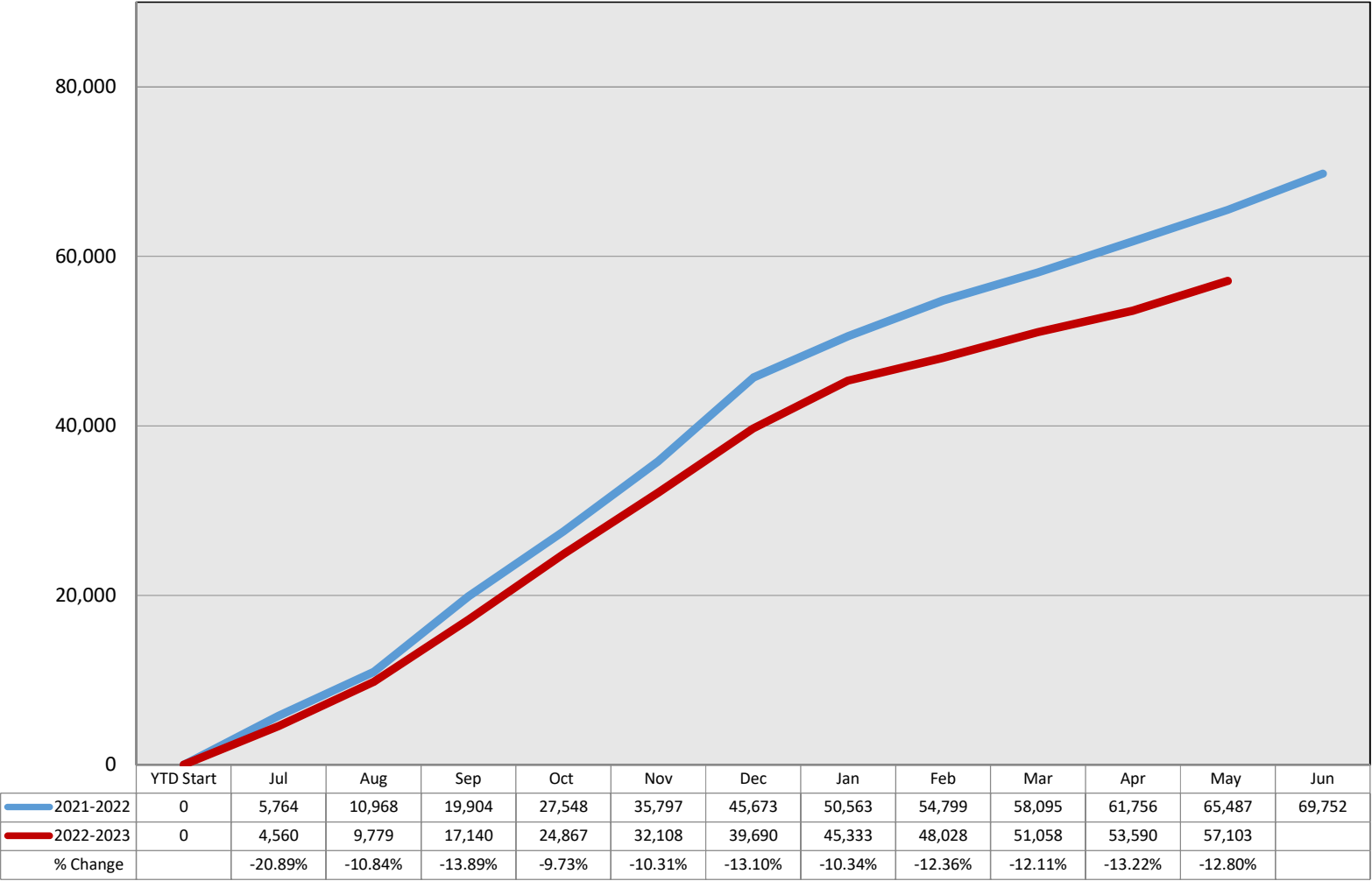


Tier IV Consumption

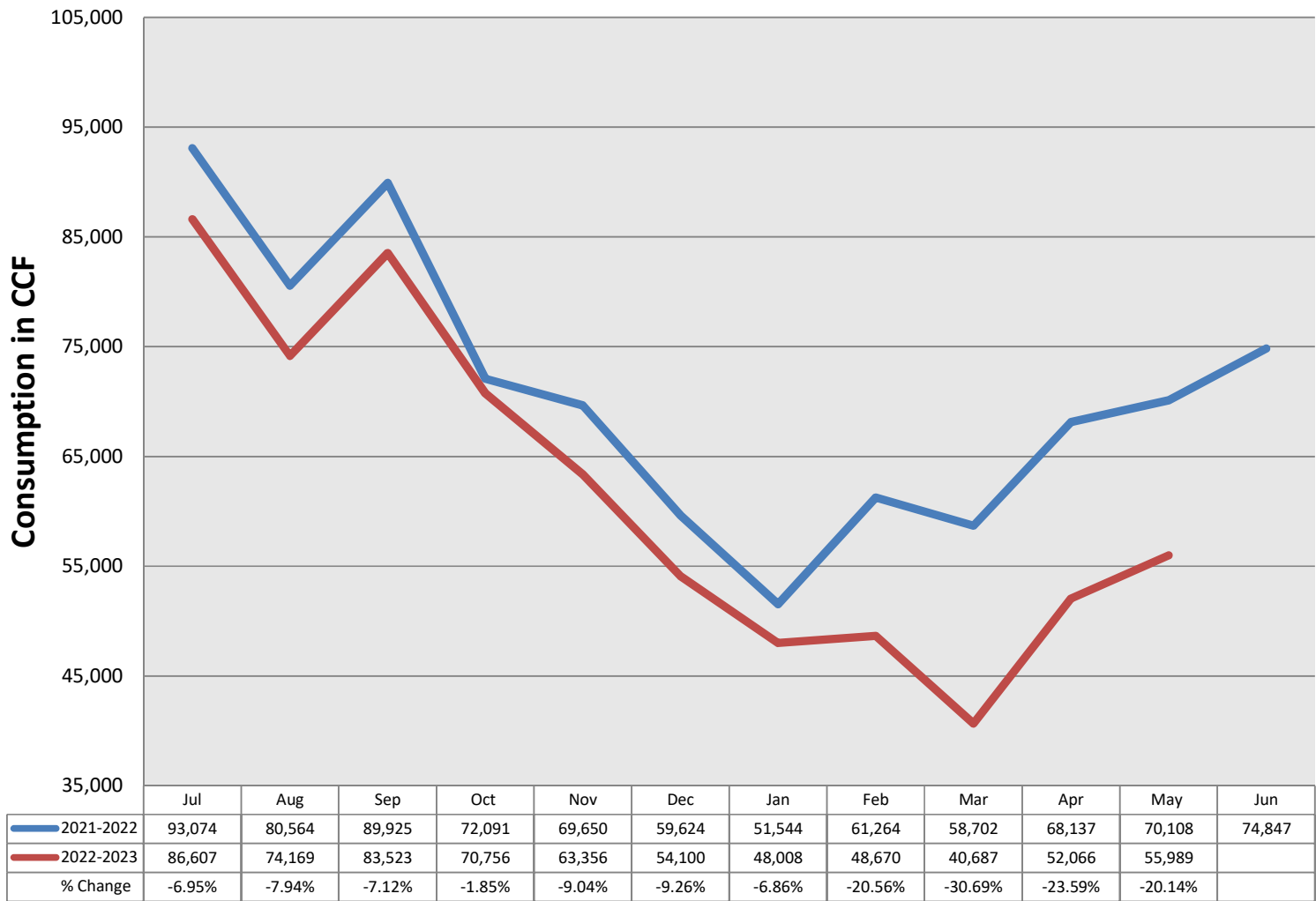


Tier IV Fiscal YTD Consumption

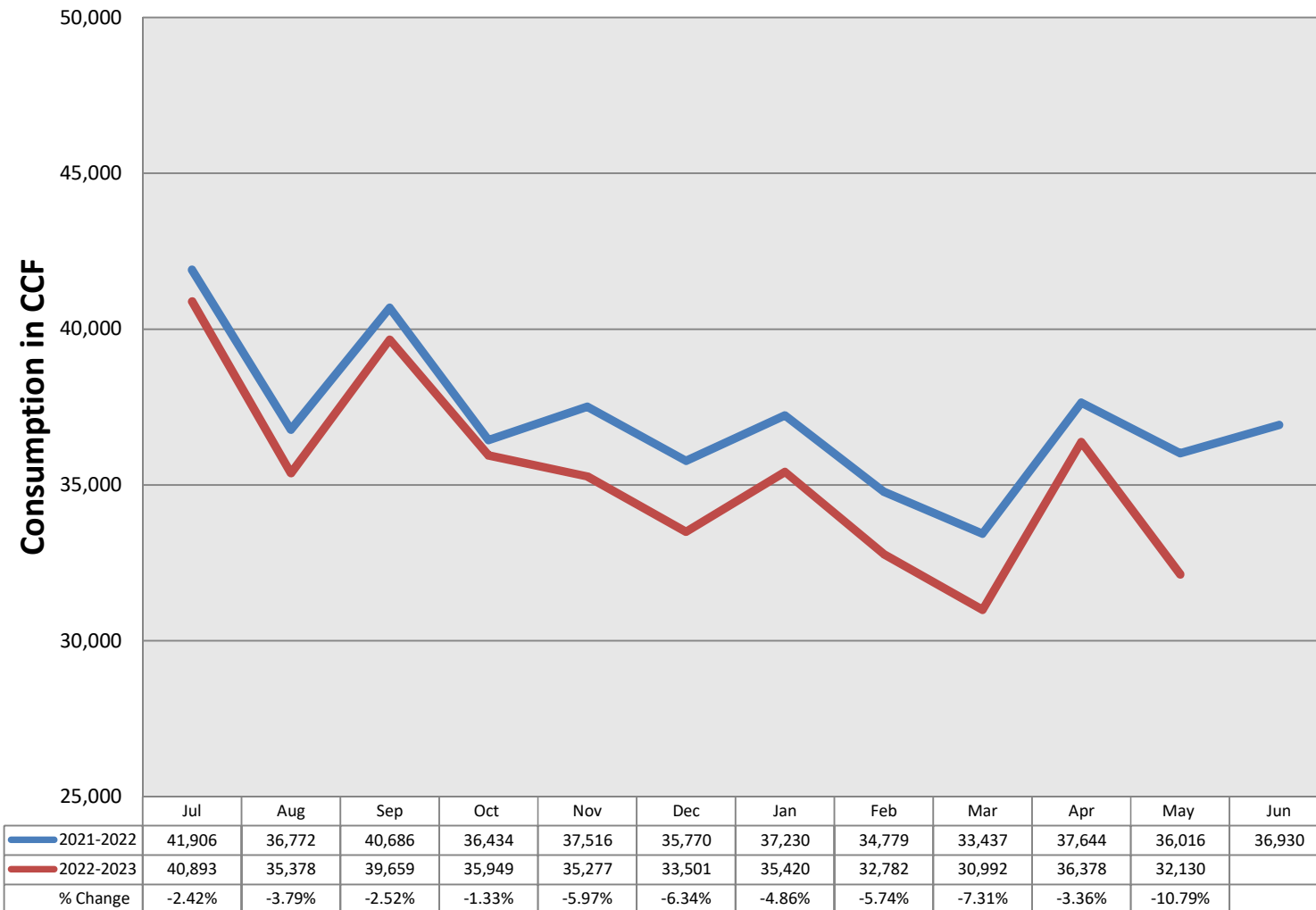
Consumption in CCF



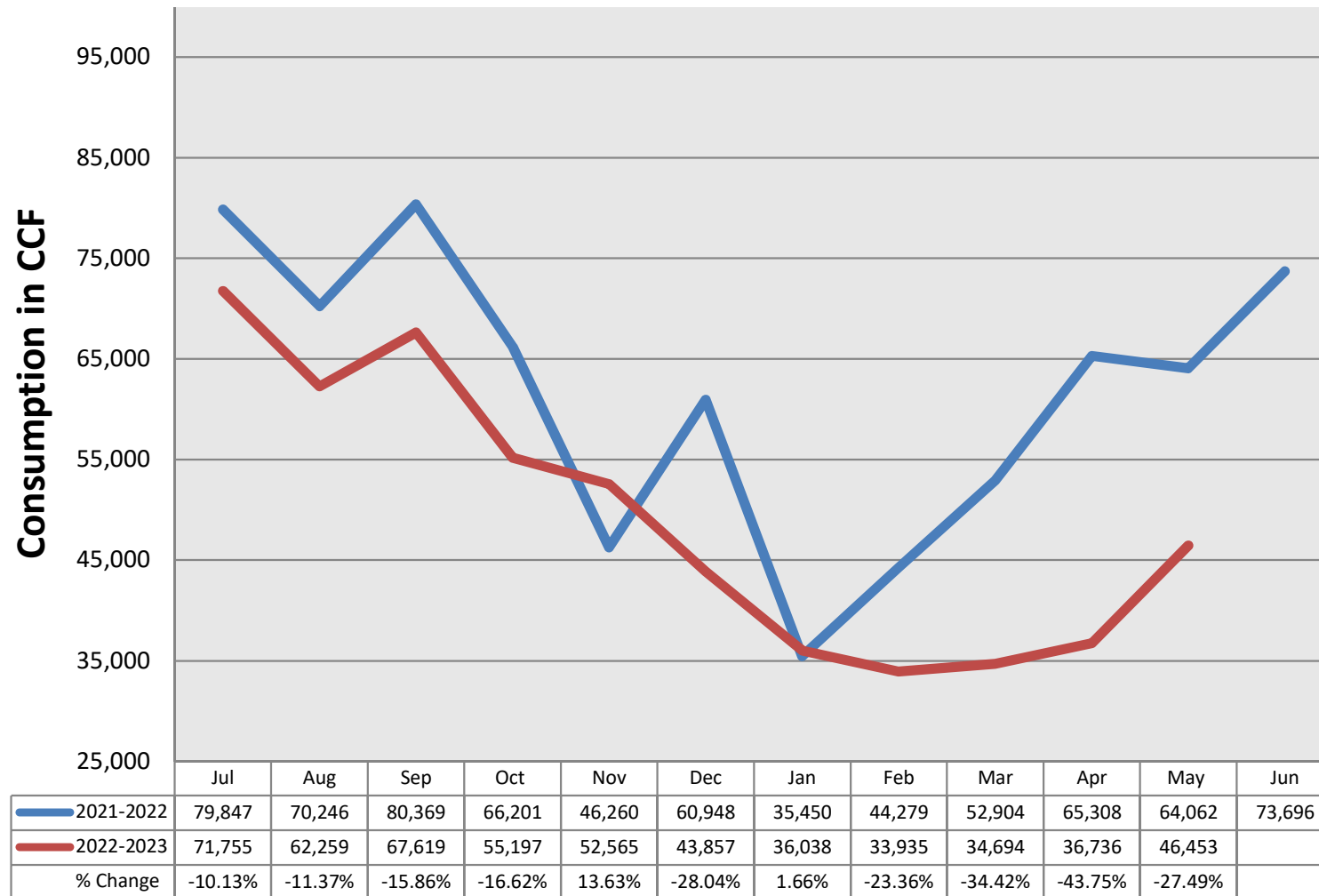
Single Family Residents Consumption



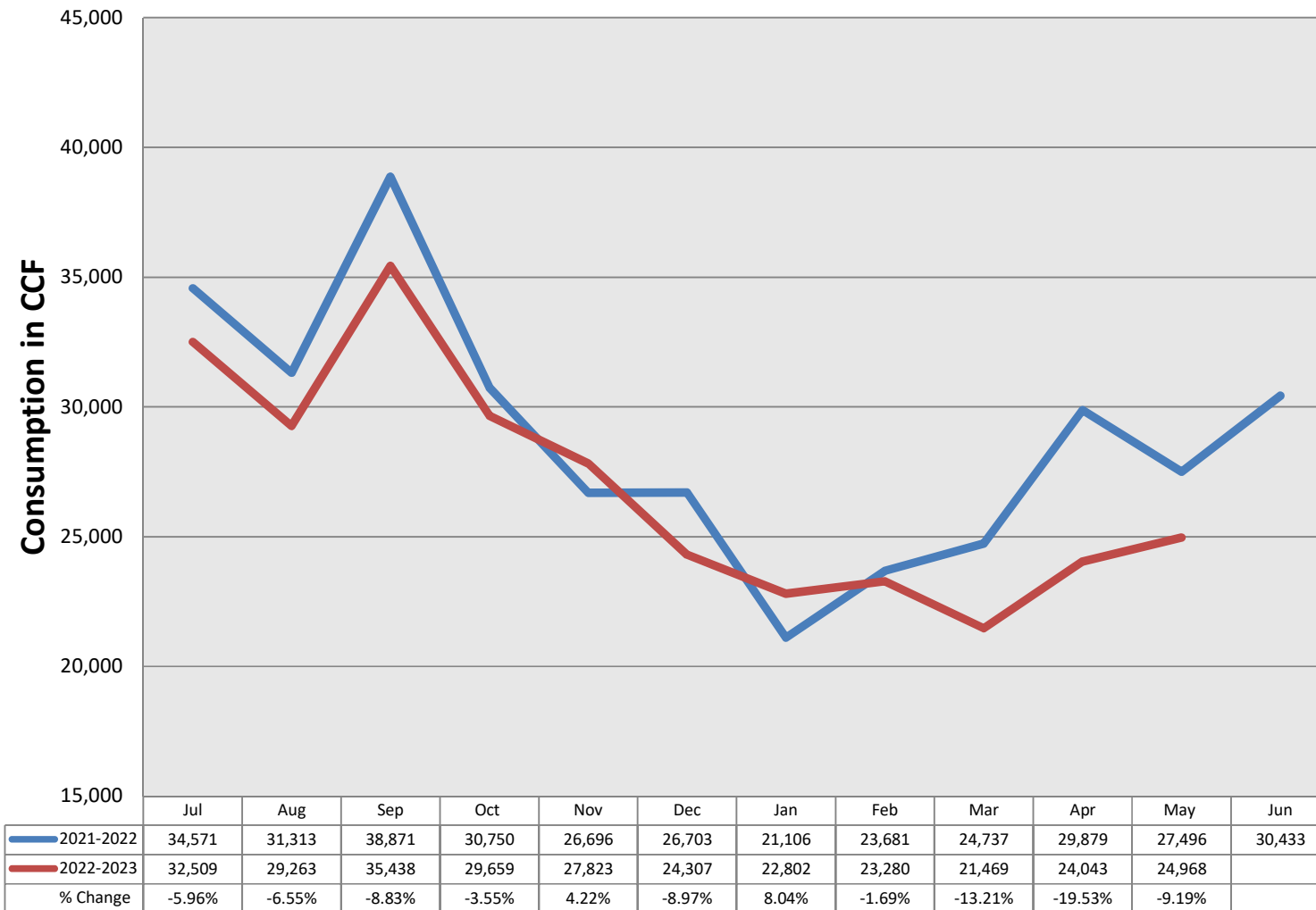
Multi Family Residents Consumption



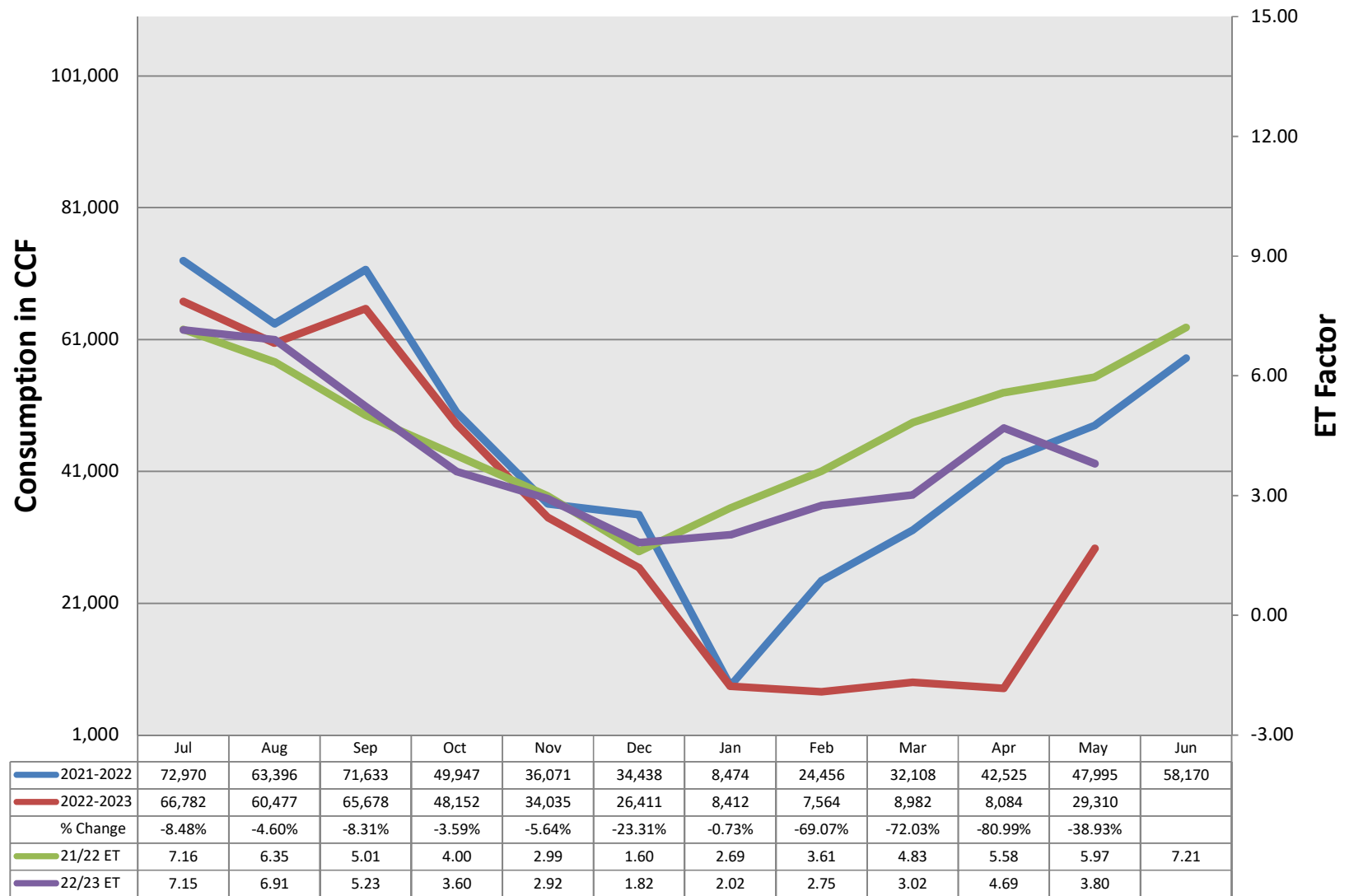
Laguna Woods Village Consumption (Excluding Dedicated Irrigation)



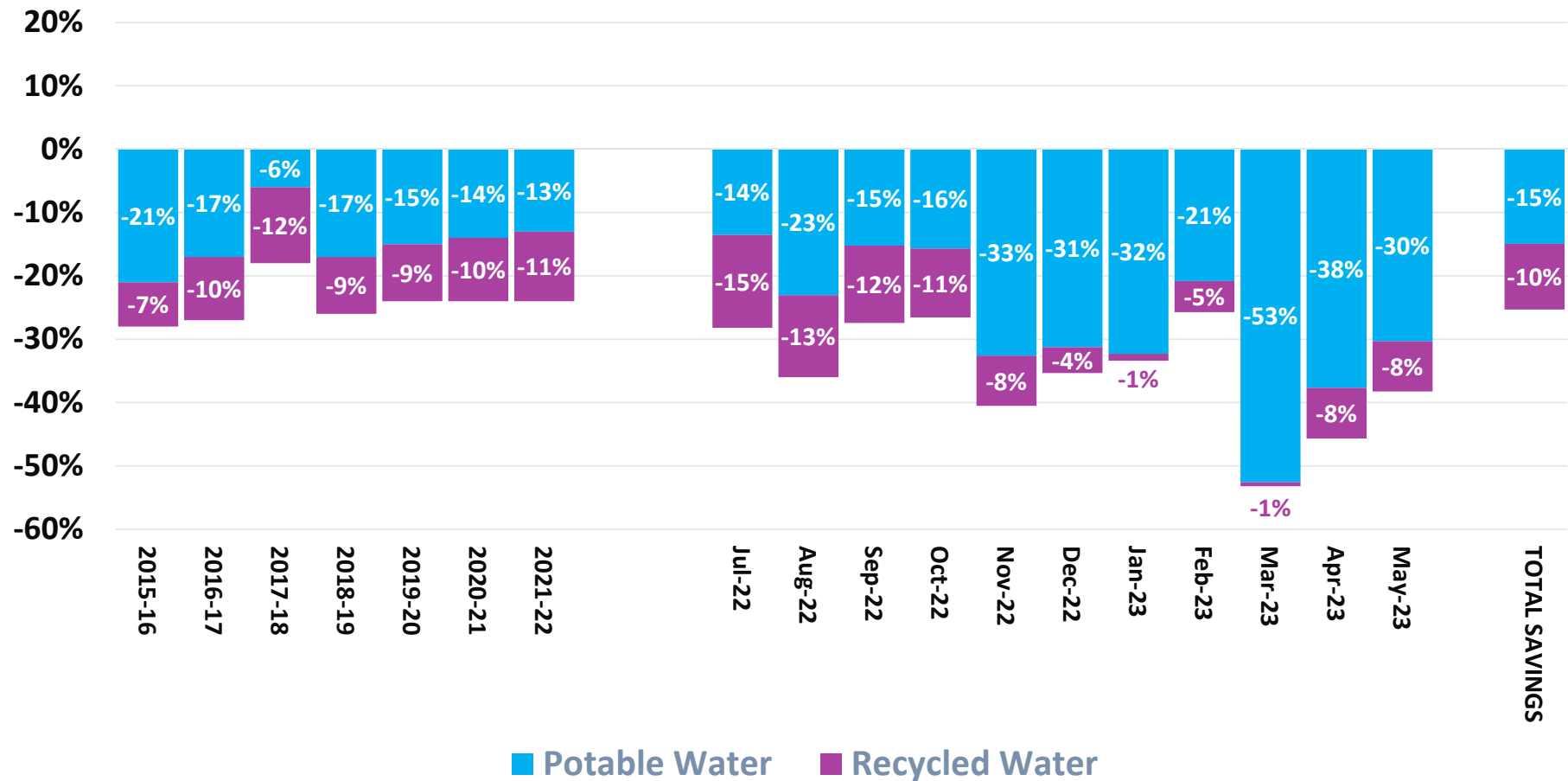
Commercial Consumption



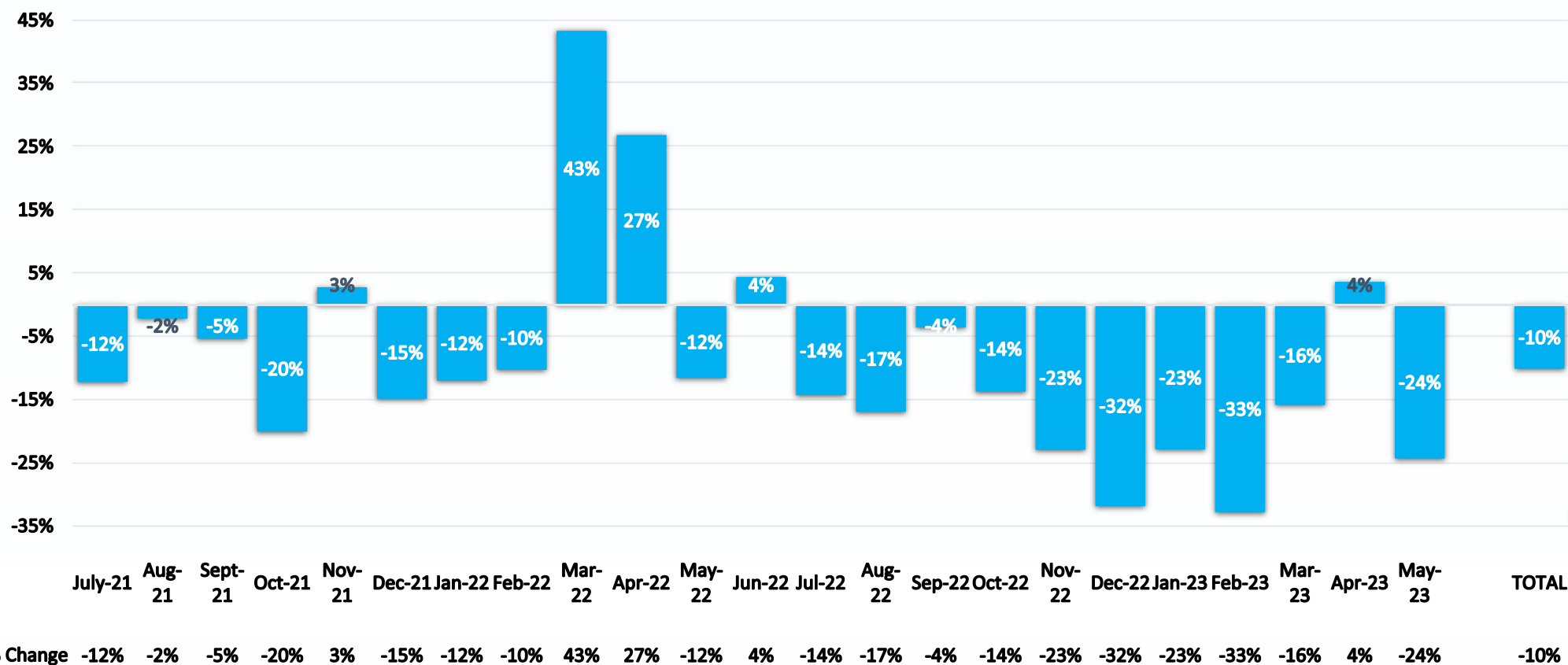
Dedicated Irrigation Consumption (including LWV)



ETWD WATER USAGE COMPARED TO 2013



ETWD WATER USAGE COMPARED TO 2020



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



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

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

June 1, 2023
8:30 a.m.

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

THE BOARD OF DIRECTORS MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

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

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

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

Meeting ID: 856 3623 8875
Passcode: 976687

Dial by your location:

+1 669 900 6833 US (San Jose) +1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston) +1 312 626 6799 US (Chicago)

Find your local number: <https://socwa.zoom.us/j/kyxQsH9GF>

South Orange County Wastewater Authority
Board of Directors Meeting
June 1, 2023

Agenda

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ORAL COMMUNICATIONS

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

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

ACTION Board Discussion/Direction and Action.

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5. CONSENT CALENDAR

- A. Minutes of Board of Directors 1

1. Board of Directors Meeting of April 6, 2023
2. Board of Directors Meeting of May 4, 2023

ACTION The Board will be requested to approve subject Minutes.

- B. Financial Reports for the Month of March 2023 29

The reports included are as follows:

1. Summary of Disbursements for March 2023 (Exhibit A)
2. Schedule of Funds Available for Reinvestment (Exhibit B)
 - Local Agency Investment Fund (LAIF)
3. Schedule of Cash and Investments (Exhibit C)
4. Capital Schedule (Exhibit D)
 - Capital Projects – Graph (Exhibit D-1)
5. 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)

ACTION The Finance Committee recommends that the Board of Directors ratify the March 2023 disbursements, \$ 2,814,904, for the period from March 1, 2023, through March 31, 2023, and to receive and file the March 2023 Financial Reports as submitted.

South Orange County Wastewater Authority
Board of Directors Meeting
June 1, 2023

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C. FY 2022-23 Administration and General Fund Budget Update47

ACTION Committee Discussion/Direction/Action

D. Operations Report (April).....49

- a. Monthly Operational Report
- b. SOCWA Ocean Outfall Discharges by Agency
- c. Quarterly Report on Key Operational Expenses
- d. Beach Ocean Monitoring Report
- e. Recycled Water Report
- f. Pretreatment Report (May)

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

E. Capital Improvement Program Status Report (May)90

ACTION Information item; receive and file.

F. Capital Improvement Construction Projects Progress and Change Order Report (March) [Project Committees 2, 15, & 17]93

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

6. GENERAL MANAGER'S REPORT

A. Approval of FY 2023-24 Budget

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

ACTION: The Finance Committee recommends that the Board of Directors consider the FY 2023-24 Budget as proposed.

The FY 2023-24 Budget includes General Fund Expenses, Operating Expenses and Capital Expenditures as proposed.

1. General Fund Budget

Approval of the FY 2023-24 General Fund Budget. Approval of the General Fund Budget authorizes the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.

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2. Project Committee Operating Budgets

- a. Approval of the FY 2023-24 Administration Budget (inclusive of project committee administration expenses, residual engineering, and IT). Approval of the FY 2023-24 Administration Budget authorizes the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- b. Approval of the Project Committee ("PC") 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) as proposed and PC 2 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital). Approval of the Project Committee ("PC") 2 Operations and Maintenance Budget and PC 2 Capital Expenditures Budget authorizes the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- c. Approval of the Project Committee ("PC") 17 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 17 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital). Approval of the Project Committee ("PC") 17 Operations and Maintenance Budget and PC 17 Capital Expenditures Budget authorizes the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- d. Approval of the Project Committee ("PC") 15 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 15 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering and small capital). Approval of the Project Committee ("PC") 15 Operations and Maintenance Budget and PC 15 Capital Expenditures Budget authorizes the Acting General Manager to expend up to and not more than the total budget funds per the purchasing and/or emergency services policy; funding in excess of the authorized budget requires additional Board action; the Board approves the allocation of expenses with approval of the Budget.
- e. Approval of the Project Committee ("PC") 5 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL and OPEB) and PC 5 Capital Expenditures Budget (inclusive of large capital and non-capital/misc. engineering). Approval of the Project Committee ("PC") 5 Operations and Maintenance Budget and PC 5 Capital

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

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

South Orange County Wastewater Authority
Board of Directors Meeting
June 1, 2023

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- j. The Board directs staff to prepare and distribute a final printed budget consistent with any additional changes presented and approved at the May 18, 2023, meeting.
- B. Resolution No. 2023-04: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Honoring Douglas Reinhart for 18 1/2 Years of Service to SOCWA and his Devoted Service to the Community. 104
- ACTION Staff recommends that the Board of Directors adopt Resolution No. 2023-04: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Honoring Douglas Reinhart for 18 1/2 Years of Service to SOCWA.
- C. Resolution No. 2023-05: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Honoring Stephen Dopudja for 9 1/2 Years of Service to SOCWA and his Devoted Service to the Community. 106
- ACTION Staff recommends that the Board of Directors adopt Resolution No. 2023-05: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Honoring Stephen Dopudja for 9 1/2 Years of Service to SOCWA.
- D. Resolution No. 2023-06: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving New Employee Salary Ranges And the South Orange County Wastewater Authority Employee Manual. 108
- ACTION Staff recommends that the Board of Directors Adopt Resolution No. 2023-06: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Approving New Employee Salary Ranges and the South Orange County Wastewater Authority Employee Manual.
- E. Resolution No. 2023-07: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving New Employee Salary Ranges to the July 1, 2023, to June 30, 2024, Memorandum of Understanding ("MOU") between the South Orange County Wastewater Authority and the SOCWA Employee Association. 172
- ACTION Staff recommends that the Board of Directors Adopt Resolution No. 2023-07: A Resolution of the Board of Directors of the South Orange County Wastewater Authority (SOCWA) Approving New Employee Salary Ranges to the July 1, 2023, to June 30, 2024, Memorandum of Understanding ("MOU") between the South Orange County Wastewater Authority and the SOCWA Employee Association.

South Orange County Wastewater Authority
Board of Directors Meeting
June 1, 2023

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- F. Contract Extension Award to Sweeping Corp. of America for Street Sweeping Services [Project Committees No. 2, 15, and 17]..... 199

ACTION Staff recommends that the Board of Directors award a 1-year contract amendment to Sweeping Corp of America not to exceed \$19,832.00.

- G. Piggyback Contract Award to Cintas Corporation for Uniform Rental and Laundry Service [Project Committees No. 2, 15, and 17]200

ACTION Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to enter into a contract with Cintas utilizing the piggyback contract through Omnia with the proposed pricing for the term of three (3) years with two (2) optional annual renewals.

- H. Board of Directors Office – Selection of Board Chair and Vice Chair

ACTION Board consideration and action on the selection of Board Offices

- I. General Counsel's Updates.....

- JPA Revision Process (Standing item)

ACTION Board Discussion/Direction and Action.

- J. General Manager's Status Report209

ACTION Information Item

- K. Upcoming Meetings Schedule:

- June 1, 2023 – Board of Directors Regular Meeting
- June 8, 2023 – Engineering Committee Meeting
- June 20, 2023 – Finance Committee Meeting
- June 22, 2023 – Board of Directors Special Facilitated Discussion Meeting
- July 6, 2023 – Board of Directors Regular Meeting

ACTION Information Item.

7. OTHER MATTERS

Determine the need to take action on the following item(s) introduced by 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
JUNE 22, 2023

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

**June 8, 2023
8:30 a.m.**

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

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM. ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

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

**THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE
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AGENDA

1. Call Meeting to Order
2. Public Comments

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

PAGE NO.

3. Operations Report.....1
4. Capital Improvement Construction Projects Progress and Change Orders Report
[Project Committees 2, 15, & 17].....2

Recommended Action: Information Item.

Recommended Action: Staff recommends that the Engineering Committee recommends that the PC 2 Board of Directors approve Change Order 73 for \$333,494.01 for Olsson Construction, including 81 additional day(s) and a revised contract value of \$18,960,361.90 for the J.B. Latham Package B Project.

5. Contract Award for Aliso Creek Ocean Outfall (ACOO) Seal Replacement Project
[Project Committee 24].....15

Recommended Action: Staff recommends that the Engineering Committee recommend that the PC 24 Board of Directors award the contract to J.F. Brennan in the amount of \$261,753 for the ACOO Seal Replacement Project with a contingency of \$50,000.

6. Coastal Treatment Plant (CTP) Funding Strategy and Implementation Plan Revised
Proposal [Project Committee 15].....17

Recommended Action: Information Item.

Adjournment

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

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

Dated this 1st day of June 2023.



Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

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

**June 20, 2023
10:30 a.m.**

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called to be held on **June 20, 2023, at 10:30 a.m.** SOCWA staff will be present and conducting the meeting at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT WWW.SOCWA.COM, ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT DHIRSH@SOCWA.COM WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

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Find your local number: <https://socwa.zoom.us/j/kPEqe6tGX>

AGENDA

1. Call Meeting to Order
2. Public Comments

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

PAGE NO.

3. Approval of Minutes..... 1
 - a. Finance Committee Meeting of April 18, 2023
 - b. Finance Committee Meeting of May 15, 2023

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

4. Financial Reports for the Month of April 2023..... 6

The reports included are as follows:

- a. Summary of Disbursements for April 2023 (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 recommends to the Board of Directors to ratify the April 2023 disbursements, \$ 2,173,227, for the period from April 1, 2023, through April 30, 2023, and to receive and file the April 2023 Financial Reports as submitted.

5. Q3 FY 2022-23 Cash Roll Forward as of March 31, 2023 24

Recommended Action: Staff recommends that the Finance Committee recommend that the Board of Directors receive and file the Q3 Fiscal Year 2022-23 Cash Roll Forward as submitted.

6. Amend Bylaws of the South Orange County Wastewater Authority Finance Committee (Materials Under Separate Cover).....

Recommended Action: Committee Discussion/Direction/Action.

7. AWMA's GM December 21, 1999, Memo regarding Evaluation of Alternative Methods For Allocating AWMA/SERRA Overhead Costs (Verbal Report)

Recommended Action: Review Direct Cost Allocations/Open Discussion.

8. Fiscal Year 2022-23 Annual Financial Statements Audit Update..... 44

Recommended Action: Staff recommends that the Finance Committee review and file the update.

Adjournment

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

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

Dated this 13th day of June 2023.



Danita Hirsh, Assistant Secretary
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

MEETING OF THE BOARD OF DIRECTORS OF THE
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
Jointly with the
PLANNING & OPERATIONS COMMITTEE
June 5, 2023 8:30 a.m.

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

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Webinar ID: 882 866 5300#

P&O Committee:

Director McVicker, Chair
Director Nederhood
Director Seckel

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

Ex Officio Member: Director Yoo Schneider

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

ROLL CALL

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

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

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

ACTION ITEMS

1. RENEW CONTRACT WITH ACKERMAN CONSULTING

2. ALLIANCE FOR WATER EFFICIENCY COMMERCIAL TURF REPLACEMENT AND SPRAY-TO-DRIP PROGRAM PROCESS AND IMPACT WATER SAVINGS EVALUATION

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.)

3. SOLE SOURCE AGREEMENT WITH BUILDING BLOCK ENTERTAINMENT SHOWS THAT TEACH
4. SOLE SOURCE AGREEMENT WITH OC REGISTER SPREAD VOX CIVIC COMMUNICATIONS
5. 2023 OC WATER SUMMIT UPDATE
6. WATER POLICY FORUM & DINNER FEATURING ED RING - JUNE 22, 2023
7. STATUS REPORTS
 - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
 - b. WEROC
 - c. Water Use Efficiency Projects
 - d. Public and Government Affairs
8. REVIEW OF ISSUES RELATED TO PLANNING OR ENGINEERING PROJECTS, WEROC, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, PUBLIC AFFAIRS PROGRAMS AND EVENTS, PUBLIC INFORMATION PROJECTS, PUBLIC INFORMATION CONSULTANTS, DISTRICT FACILITIES, and MEMBER-AGENCY RELATIONS

ADJOURNMENT

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

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

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Conference Room 101, Fountain Valley, California
June 7, 2023, 8:30 a.m.

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

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Webinar ID: 882 866 5300#

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC PARTICIPATION/COMMENTS

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

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

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

NEXT RESOLUTION NO. 2141

PRESENTATION/DISCUSSION ITEMS

1. PRESENTATION BY MWDOC STAFF REGARDING NEXT STEPS ON CLIMATE ADAPTATION MASTER PLAN

Recommendation: Review and discuss the information presented.

2. LEGISLATIVE ACTIVITIES

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

Recommendation: Review and discuss the information presented.

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

Recommendation: Receive input and discuss the information presented.

ACTION ITEMS

4. AB 334 (B. RUBIO) – PUBLIC CONTRACTS: CONFLICTS OF INTEREST

Recommendation: Adopt a support position on AB 334 (B. Rubio) and send a letter to the author and the Orange County delegation.

5. ADOPT RESOLUTION IN SUPPORT OF CATHY GREEN FOR ACWA PRESIDENT

Recommendation: Review and discuss the request from Orange County Water District (OCWD) President Cathy Green to adopt a Resolution supporting her nomination as President of the Association of California Water Agencies (ACWA).

INFORMATION ITEMS

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

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

Recommendation: Review and discuss the information presented.

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

- a. Summary regarding May MET Board Meetings
- b. MET 4-Month Outlook on Upcoming Issues (not available)
- c. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

ADJOURNMENT

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

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

Jointly with the

ADMINISTRATION & FINANCE COMMITTEE

June 14, 2023, 8:30 a.m.

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

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Webinar ID: 882 866 5300#

A&F Committee:

Director Dick, Chair
Director Thomas
Director Crane

Staff: H. De La Torre, J. Berg, C. Harris,
H. Chumpitazi, M. Baum-Haley,
K. Davanaugh

Ex Officio Member: Director Yoo Schneider

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

ROLL CALL

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

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

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PROPOSED BOARD CONSENT CALENDAR ITEMS

1. TREASURER'S REPORT
 - a. Revenue/Cash Receipt Report – May 2023
 - b. Disbursement Approval Report for the month of June 2023
 - c. Disbursement Ratification Report for the month of May 2023
 - d. GM Approved Disbursement Report for the month of May 2023
 - e. Consolidated Summary of Cash and Investment – April 2023

- f. OPEB and Pension Trust Fund statements
- 2. FINANCIAL REPORT - Combined Financial Statements and Budget Comparative for the Period Ending April 30, 2023

ACTION ITEM

- 3. ANNUAL APPROVAL OF DISTRICT SALARY SCHEDULE
- 4. AWARD CONTRACT FOR EXECUTIVE SEARCH FIRM SERVICES FOR THE GENERAL MANAGER RECRUITMENT
- 5. AWARD OF CONTRACT FOR STRATEGIC DIGITAL COMMUNICATIONS
- 6. AWARD CONTRACT FOR GRANTS TRACKING AND ACQUISITION SERVICES
- 7. SPONSORSHIP OF URBAN WATER INSTITUTE ANNUAL CONFERENCE

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

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

OTHER ITEMS

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

ADJOURNMENT

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REGULAR MEETING
OF THE BOARD OF DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Fountain Valley, California
June 21, 2023, 8:30 a.m.

Teleconference Site:
25652 Paseo De La Paz
San Juan Capistrano, CA 92675

(Director You Schneider will participate from the teleconference location. Members of the public may attend and participate in the meeting at both in-person locations.)

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

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

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

AGENDA

MOMENT OF SILENCE

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC COMMENTS/PARTICIPATION

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

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

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

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

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

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

NEXT RESOLUTION NO. 2142

CONSENT CALENDAR (Items 1 to 10)

(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. May 3, 2023 Workshop Board Meeting
- b. May 5, 2023 Special Board Meeting
- c. May 17, 2023 Regular Board Meeting

Recommendation: Approve as presented.

2. COMMITTEE MEETING REPORTS

- a. Planning & Operations Committee Meeting: May 1, 2023
- b. Administration & Finance Committee Meeting: May 15, 2023
- c. Executive Committee Meeting: May 18, 2023

Recommendation: Receive and file as presented.

3. TREASURER'S REPORTS

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

Recommendation: Ratify and approve as presented.

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of April 30, 2023
- d. PARS Monthly Statement (OPEB Trust)

Recommendation: Receive and file as presented.

4. FINANCIAL REPORT

- a. Combined Financial Statements and Budget Comparative for the Period Ending April 30, 2023

Recommendation: Receive and file as presented.

5. ANNUAL APPROVAL OF DISTRICT SALARY SCHEDULE

Recommendation: Approve the proposed Pay Structure, as presented, effective July 1, 2023; adjusting the salary ranges by 7.45%, as approved during the budget process; and approve changes to positions, as noted. (Option 1).

6. AWARD CONTRACT FOR EXECUTIVE SEARCH FIRM SERVICES FOR THE GENERAL MANAGER RECRUITMENT

Recommendation: Authorize the President of the Board to enter into a consulting services agreement for the District's General Manager recruitment, with Colleague, LLC, based upon 25% of the first-year guaranteed earnings of the successful candidate, calculated to be approximately \$79,000, plus reimbursable expenses, as outlined in the proposal.

7. AWARD OF CONTRACT FOR STRATEGIC DIGITAL COMMUNICATIONS

Recommendation: Authorize the Interim General Manager to enter into a professional services contract with HashtagPinpoint Inc. (Hashtag) for three years (with two consecutive options to renew for one additional year), to provide Strategic Digital Communications Services for the Municipal Water District of Orange County's (MWDOC or District) outreach initiatives.

8. AWARD CONTRACT FOR GRANTS TRACKING AND ACQUISITION SERVICES

Recommendation: Authorize the Interim General Manager to enter into a professional services contract with Soto Resources to provide grants tracking and acquisition services.

9. RENEW CONTRACT WITH ACKERMAN CONSULTING

Recommendation: Approve entering into a Sole Source contract with Ackerman Consulting for specialized services for Fiscal Years 2023-24 and 2024-25.

10. ALLIANCE FOR WATER EFFICIENCY COMMERCIAL TURF REPLACEMENT AND SPRAY-TO-DRIP PROGRAM PROCESS AND IMPACT WATER SAVINGS EVALUATION

Recommendation: Authorize a cost share contribution in the amount of \$18,500 for participation in the Alliance for Water Efficiency Outdoor Water Savings Research Initiative Phase 3: Evaluating & Optimizing Large-Scale Landscape Irrigation Management and Transformation Strategies. MWDOC's \$18,500 cost share will leverage a total research investment of \$345,000.

End Consent Calendar

INFORMATION/DISCUSSION ITEMS

11. 2022-2023 ORANGE COUNTY GRAND JURY REPORT – HISTORIC RAIN, YET DROUGHT REMAINS

Recommendation: Receive report from staff and make recommendations as appropriate.

ACTION CALENDAR

12-1 SPONSORSHIP OF URBAN WATER INSTITUTE ANNUAL CONFERENCE

Recommendation: Approve sponsoring the UWI Annual Conference in August 2023, at the Platinum Level of \$5000.

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

13. GENERAL MANAGER'S REPORT, JUNE 2023 (ORAL AND WRITTEN)

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

14. 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

June 2023

MUNICIPAL WATER DISTRICT OF ORANGE COUNTY AGENCIES MANAGERS MEETING

MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on Thursday, April 20, 2023.

In attendance: Rudy Correa – Brea, Mike McGee - Buena Park, Cel Pasillas - Garden Grove, Jake Chavira - La Palma, Mark Vukojevic - Newport Beach, Scott Miller – Westminster, Mark Sprague - Fountain Valley, Ken Vecchiarelli - Golden State Water Company, Ken Pfister & Paul Weghorst - Irvine Ranch WD, Paul Shoenberger & Tracy Manning - Mesa WD, Kaden Young - Moulton Niguel WD, John Kennedy & Mike Markus, Dustin Burnside - San Clemente, Jim Leach - Santa Margarita WD, Jerry Vilander – Serrano WD, Taryn Kjolsing - South Coast WD, Fernando Paludi & Michael Perea - Trabuco Canyon WD

Staff in attendance: Alex Heide, Charles Busslinger, Harvey De La Torre, Joseph Berg, Kevin Hostert, Melissa Baum-Haley

Announcements & Reminders:

- MWDOC Water Policy Dinner - Thursday, June 22nd
- Water Supply and Demand Assessment Survey - Due May 31st
- Climate Adaptation Master Plan Survey (remains open)
- Water Loss Control Exhibits - Return ASAP
- O.C. Reliability Study Review - Due May 22nd
- Lead and Copper Rule Compliance Meeting

The next meeting is tentatively scheduled for June 22, 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 (2023 OC Study). Updating the planning assumptions and understanding the implications will be useful to our staff, Directors, MET Directors, and member agencies for future water reliability decision considerations. This update was launched because of significant changes in conditions since the publication of the 2018 OC Study.

A review draft of the final report was sent to the MWDOC Agency Managers for comments on May 2, 2023. The agencies have asked for a meeting to discuss the report further. The meeting is scheduled for early June 2023.

Questions, comments, and responses on the review draft will be included in an appendix of the report.

Presentations on the OC Study have included:

Agency Managers Meeting	Initial results	05/19/2022
P&O Committee Meeting	Initial results	06/06/2022
P&O Committee	Revisions based on comments	09/06/2022
Agency Managers Meeting	Added Revisions-Final Results	01/12/2023
A&F Committee	Added Revisions-Final Results	02/08/2023

Staff wants to include the final report as a Receive and File information item in the July 3, 2023, P&O Committee meeting packet.

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

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

On May 24, 2023, MWDOC hosted an initial meeting with (18) OC agencies and the State Division of Drinking Water staff regarding the LCRR – Lead Service Line Inventory compliance requirements. A workgroup of interested agencies has been set up to develop the Request for Proposals (RFP) and to score proposals for selecting a consultant(s) for this Choice Program.

MNWD PUMP-IN TO EOCF #2 TECHNICAL STUDY

MWDOC hosted a meeting on May 24, 2023, concerning MNWD's technical study of a potential pump-in project to East OC Feeder #2 from the City of Santa Ana's East Street Station. The meeting included staff from; Metropolitan's Water Quality Group, Moulton Niguel Water District, City of Santa Ana, OCWD, and consultant Brown & Caldwell. Further discussions with this group and meetings with other Metropolitan technical groups are being scheduled at MNWD's request.

DOHENY OCEAN DESALINATION PROJECT

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

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

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

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

SHUTDOWNS

Orange County Feeder

The purpose of the shutdown is to remove and dispose of the existing lining, reline the pipeline with cement mortar, install and weld buttstraps (for connecting two butting pipe ends), replace valves, and install an 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.

Current Status:

- All sites – Completed excavation, shoring, and pipe access cutout
- 16 of 17 sites – Completed removal of the existing lining
- 1 of 17 sites – Ongoing removal of the existing lining
- 14 of 17 sites – Completed buttstrap installation
- 2 of 17 sites – Ongoing buttstrap installation
- 12 of 17 sites – Completed mortar lining
- 2 of 17 sites – Ongoing mortar lining
- Ongoing forming & pouring of concrete encasements and access structures



OC Feeder Shutdown – Concrete formwork for access way encasement

R6 RESERVOIR REHABILITATION

El Toro WD has shut 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.

DIEMER WATER TREATMENT PLANT

MET has rescheduled a 7-day shutdown of the Diemer WTP in order 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 as well as 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)

OC-43 – EOCWD VAULT REHABILITATION PROJECT

EOCWD is replacing the existing vault immediately downstream of OC-43 as the vault has reached the end of its lifecycle. MWDOC assisted with coordination between EOCWD and MET on this project. The new vault has been installed and EOCWD anticipates completing the project by the end of June 2023.

EMERGENCY PREPAREDNESS

MAY INCIDENTS/EVENTS

- Nothing significant to report

2023 STORM PRESIDENTIAL DECLARATIONS

Orange County's eligibility for assistance remains as follows:

Identifier	Dates	Eligible Assistance
FEMA: EM-3591-CA	Jan 8, 2023 - Jan 31, 2023	Category B - Emergency protective measures only
FEMA: EM-3592-CA	Mar 9, 2023, and continuing	Category B - Emergency protective measures only
SBA: CA-00376	February 21, 2023, and continuing	Economic Injury as a contiguous County

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

- On 5/1-5/4, Dave, Janine, and Vicki attended the California Emergency Services Association Conference and Training.
- On 5/5, Vicki attended WACO and provided the WEROC monthly update.
- On 5/10, Dave attended the quarterly Operational Area Executive Board meeting with the County.
- On 5/11, Dave attended the Orange County Sanitation District Cyber Tabletop exercise in partnership with the Orange County Intelligence Center (OCIAC).
- On 5/16, Vicki attended the CalWARN Board Meeting.
- On 5/17, the Countywide Next Wave 2023 Exercise was conducted (see training and exercise section for more details).
- On 5/18, Vicki attended the OCEMO Leadership meeting.
- On 5/22, Vicki presented at the ISDOC General Manager's meeting with the OCIAC on regional coordination, and the OCIAC presented on the updated cyber threat here in Orange County.
- On 5/22, Vicki attended the CalOES Southern Region Mutual Aid Regional Advisory Council Board meeting. Vicki serves as the Region 1 representative for public utilities/special districts. Changes to the bylaws and voting on new board representative positions were the focus of the meeting.
- On 5/23, the in-person WEROC Quarterly Meeting was held. The agenda included the City of Orange bringing their water trailer in person for those who have not seen

one of the 13 water trailers procured by WEROC in 2017 for agencies to use as a regional asset, Water Trailer updated SOP, water distribution planning after action from the exercise, update of the Integrated Preparedness Plan.

- On 5/24, Vicki facilitated a tabletop exercise with SOCWA using a rain scenario and what initial actions and needs would be taken. The format allowed people, not usually in charge, to discuss processes and procedures.
- On 5/25, Vicki met with OCWD to finalize the scenario and events for their exercise on 6/15.
- On 5/25, Vicki attended the CalOES Cyber Grant briefing for the future funding being released to agencies. At this time, nothing is finalized for realization for the NOFO. The target date sounds like August/September.
- On 5/26, Vicki attended the CESA State Board Meeting.

PLANNING AND PROGRAM EFFORTS

Dam Planning

On behalf of SCWD, Vicki facilitated the outreach to stakeholders for the final review of their Palisades Dam Plan. Vicki also made the changes received and returned the plan to SCWD on 5.30 so it could be sent to CalOES Dam Division for final review and approval.

Vicki has been participating in the coordination call with IRWD in preparation for the August 10th tabletop Exercise on the Santiago Creek Reservoir.

EOC Readiness & EOC Project

The WEROC team continued to work on the decommissioning plan for the WEROC EOC in South County. This will be a focus of the team during the 1st quarter of the new fiscal year.

Vicki is working on getting the quotes and additional information from companies regarding the WEROC Mobile EOC Project. An update will be presented at the July P&O Committee Meeting.

As of the time of this report, there was no update regarding our application for Homeland Security Appropriations Subcommittee for the WEROC Mobile EOC funding.

IT & Cyber Security

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

Dave continues to be temporarily loaned to support the IT Department because of his knowledge and expertise. Approximately 70 % of Dave's time is spent on IT projects, staff support, and onboarding of the new contractor (Accent). Dave is tracking his hours, and costs are being accounted for accordingly.

Resource Requests and Member Agency Inventory Lists

Janine continues to obtain information from the WEROC member agencies to update the inventory lists. This project was last conducted in 2017. Agencies have been very responsive. The project is 84% complete.

Training and Exercises

The next Wave Operational Area Exercise was conducted on May 17th, and the WEROC team captured good lessons learned for areas to improve. An after-action report is being developed.

Vicki will be conducting 5-G611 classes in the city of Fullerton in June. These have also been opened up to the OA to attend.

Vicki is finalizing documents for the OCWD tabletop/workshop being conducted on 6/15.

WEROC Plans and SOPs updated in April:

Water Trailer Use and Deployment Standard Operating Procedure

The second Draft of the Water Distribution Plan has been completed.

County Plans Reviewed:

County of Orange Recovery Plan – Final Review

MET ITEMS CRITICAL TO ORANGE COUNTY

MET FINANCE AND RATE ISSUES

Water Transactions for March 2023 (for water delivered in January 2023) totaled 61.9 thousand acre-feet (TAF), which was 39.3 TAF lower than the budget of 101.2 TAF and translates to \$61.0 million in receipts for March 2023, which was \$35.3 million lower than the budget of \$96.3 million.

Year-to-date water transactions through March 2023 (for water delivered in May 2022 through January 2023) were 1,189.4 TAF, which was 91.4 TAF lower than the budget of 1,280.8 TAF. Year-to-date water receipts through March 2023 were \$1,128.3 million, which was \$80.0 million lower than the budget of \$1,208.3 million.

Metropolitan staff and the finance team are finalizing documentation for an estimated \$280 million revenue bond sale in May 2023, including Appendix A, Metropolitan's primary disclosure document. Metropolitan finance staff has also been developing a rating agency strategy and two presentations to Moody's and S&P for the upcoming bond sale. As of March 31, 2023, Metropolitan's investment portfolio balance was \$1.2 billion.

MET'S SUPPLY CONDITION UPDATE

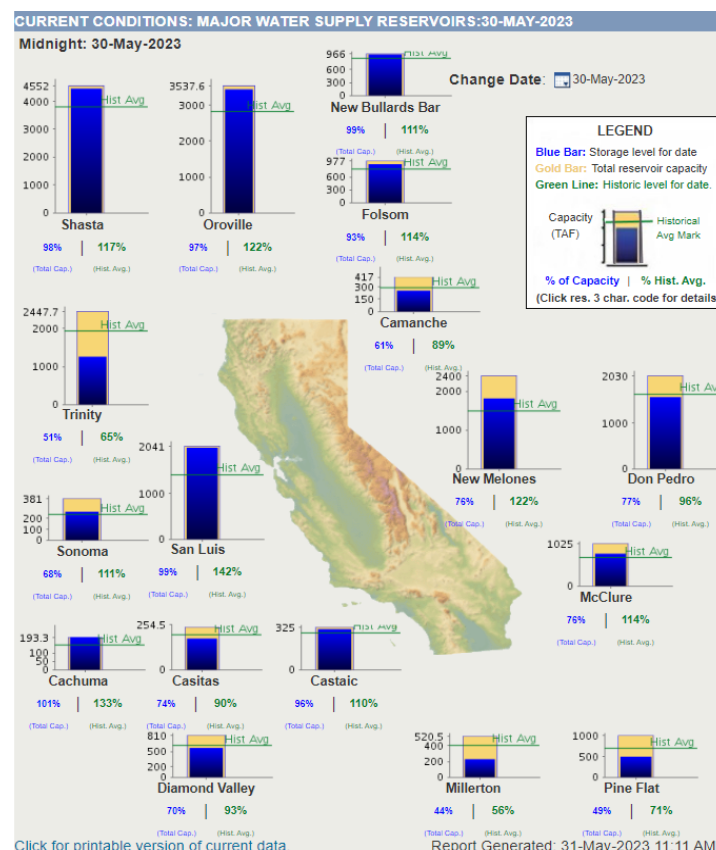
The 2022-23 Water Year (WY) officially started on October 1, 2022. Thus far, Northern California accumulated precipitation (8-Station Index) reported **62.8 inches or 131% of normal** as of May 31st. The Northern Sierra Snow Water Equivalent peaked at **59.1 inches on April 9th**, which is **215% of normal** for that day. Due to the barrage of atmospheric rivers in January and March, the Department of Water Resources (DWR) has increased the State Water Project (SWP) **"Table A" allocation to 100%**. This allocation provides Metropolitan with approximately **1,911,500 AF in SWP deliveries this water year**. In Addition, Article 21 supplies (approximately 148,000 AF) were made to SWP contractors on March 24th, 2023. DWR's SWP Allocation considers several factors, including existing storage in SWP, conservation reservoirs, SWP operational, regulatory constraints, and the 2023 contractor demands. Metropolitan also received **134,000 AF for Human Health and Safety Supply in Calendar Year (CY) 2022**.

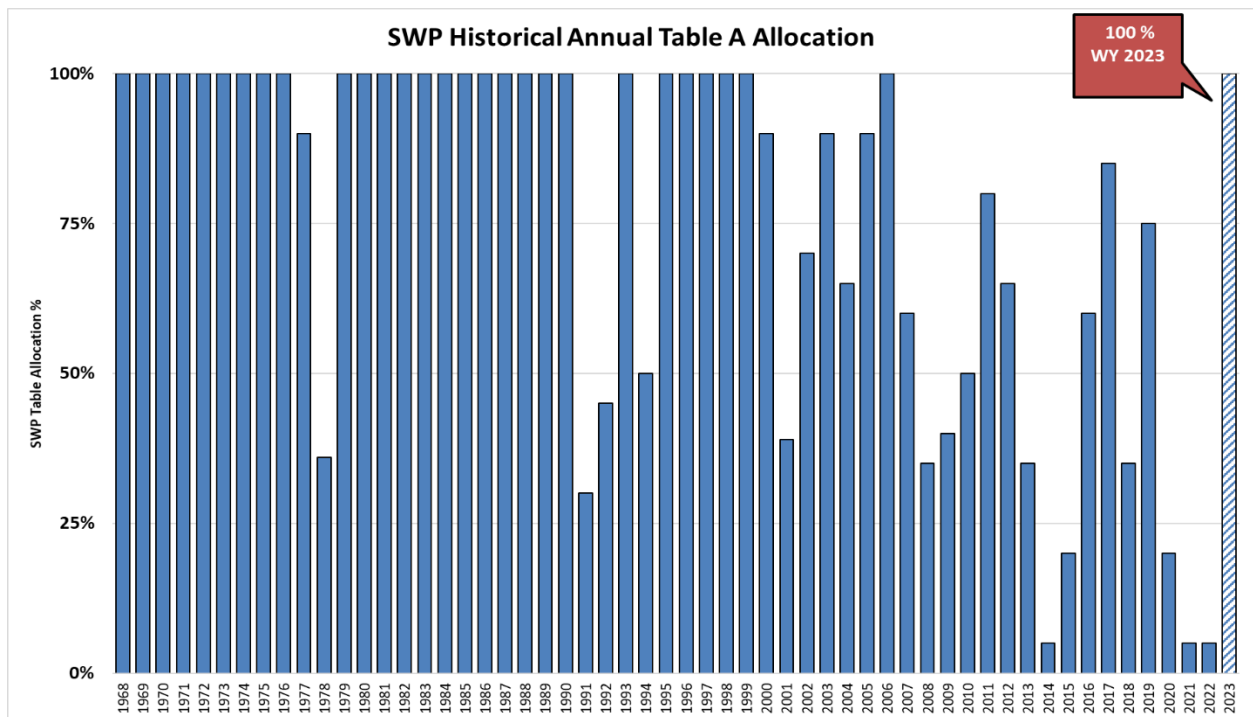
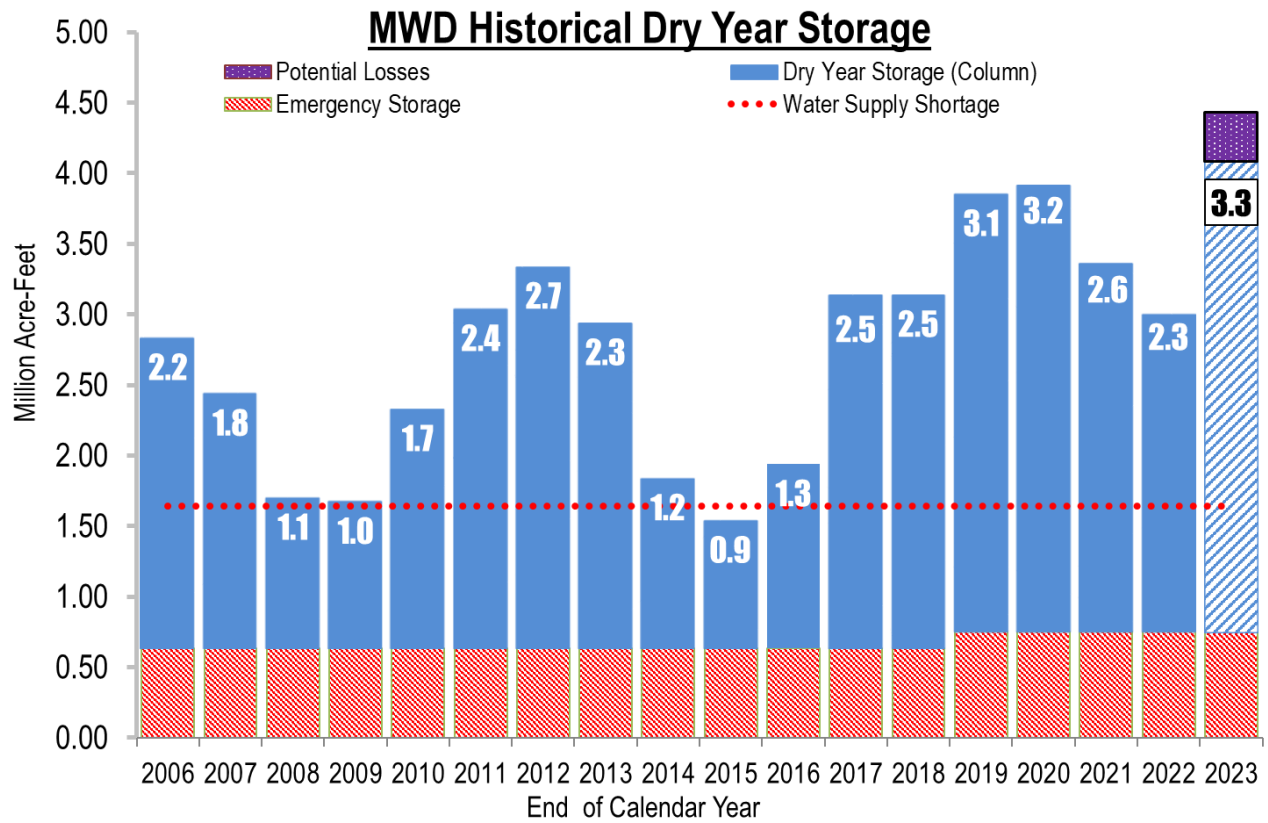
The Upper Colorado River Basin accumulated precipitation is reporting **26.5 inches or 119% of normal as of May 30th**. On the Colorado River system, snowpack is measured across four states in the Upper Colorado River Basin. The Upper Colorado River Basin Snow Water Equivalent peaked at **26.2 inches as of April 10th**, which is **131% of normal** for that day. Due to the below-average inflows into Lake Powell over the past several years, the United States Bureau of Reclamation **declared a shortage at Lake Mead that has been ongoing since January 1st, 2022**. As of May, **there is a 93% chance of shortage continuing in CY 2024 and a 3% chance that Metropolitan will see a 180,000 AF reduction in Colorado River water supplies in CY 2025**.

As of May 30th, Lake Oroville storage is **97% of total capacity and 122% of normal**. As of May 30th, San Luis Reservoir has a current volume of **99% of the reservoir's total capacity and is 142% of normal**.

With CY 2023 estimated total demands and losses of 1.57 million acre-feet (MAF) and with a 100% SWP Table A Allocation, Metropolitan is projecting that supplies will exceed demand levels in CY 2023. Based on this, Metropolitan's estimated dry-year storage at the end of **CY 2023 will increase to approximately 3.3 MAF**.

A projected dry-year storage supply of **3.3 MAF would be the highest level in Metropolitan's history**. However, due to the **100% SWP Table A Allocation**, there is a potential that Metropolitan will not be able to store approximately 350 TAF. A large factor in maintaining a high-water storage level is lower than expected water demands. We are seeing regional water demands reaching a 38-year low. However, with a majority of Metropolitan's water supplies stored in Lake Mead and still a 5-year shortage projection at Lake Mead, there remains a lot of uncertainty about where supply balances will be in the future.





2023 WSDM Storage Detail

	1/1/2023 Estimated Storage Levels ¹	CY 2023 Put Capacity ²	2023 Total Storage Capacity
WSDM Storage			
Colorado River Aqueduct Delivery System	1,139,000	400,000	1,657,000
Lake Mead ICS	1,139,000 ³	400,000	1,657,000
State Water Project System	502,000	720,000	1,897,000
MWD SWP Carryover ⁴			
DWCV SWP Carryover ⁴	39,000	297,000	350,000
MWD Articles 14(b) and 12(e)	0	0	N/A
Castaic and Perris DWR Flex Storage	3,000	216,000	219,000
Arvin Edison Storage Program	119,000	0 ⁵	350,000
Semitropic Storage Program	158,000	131,000	350,000
Kern Delta Storage Program	137,000	45,000	250,000
Mojave Storage Program	19,000	10,000	330,000
AVEK Storage Program	27,000	3,000	30,000
AVEK High Desert Water Bank Program	0	18,000 ⁶	18,000 ⁷
In-Region Supplies and WSDM Actions	698,000	404,000	1,246,000
Diamond Valley Lake	494,000	316,000	810,000
Lake Mathews and Lake Skinner	194,000	32,000	226,000
Conjunctive Use Programs (CUP) ⁸	10,000	56,000	210,000
Other Programs	662,000	189,000	1,181,000
Other Emergency Storage	381,000	0	381,000
DWCV Advanced Delivery Account	281,000	189,000	800,000
Total	3,001,000	1,713,000	5,981,000
Emergency	750,000	0	750,000
Total WSDM Storage (AF) ⁹	2,251,000	1,713,000	5,231,000

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

² Put capacity assumed under a 75 percent SWP Table A Allocation. Storage program losses included where applicable.

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

⁴ Total storage capacity varies year to year based on prior year remaining balance added to current year contractual limits.

⁵ Puts are limited due to water quality considerations.

⁶ Includes the early recharge in the High Desert Water Bank Program expected to commence in the summer.

⁷ Represents a portion of the total storage capacity. Total storage capacity is 280,000 AF once the program is fully constructed. Anticipated to be fully operational by the end of 2025.

⁸ 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.

⁹ Total WSDM Storage level subject to change based on accounting adjustments.

MET'S WATER QUALITY UPDATE

Water System Operations

Metropolitan member agency water deliveries were 68,000 AF for April with an average of 2,300 AF per day, which was 300 AF per day higher than in March. Treated water deliveries increased by 5,600 AF from March for a total of 42,600 AF, or 63% of total

deliveries for the month. The Colorado River Aqueduct pumped a total of 47,000 AF in April. SWP imports averaged 3,100 AF per day, totaling about 93,400 AF for the month. The target SWP blend is 100% for Weymouth and Diemer plants and as high as possible for the Skinner plant. System limitations and storage priorities allowed the blend leaving Lake Skinner to increase to about 10% by the end of the month.

Water Treatment and Distribution

The SWP target blend entering the Weymouth plant stayed at 100% in April. The SWP blend at the Diemer plant was approximately 97% because of an operational need to maintain a small Colorado River water flow on the Lower Feeder. The SWP target entering Lake Skinner increased from zero to around 50% to maximize the delivery of Article 21 supplies.

Flow-weighted running annual averages for total dissolved solids from March 2022 through February 2023 for Metropolitan's treatment plants capable of receiving a blend of supplies from the SWP and the Colorado River Aqueduct were 605, 609, and 608 mg/L for the Weymouth, Diemer, and Skinner plants, respectively.

Future Legislation and Regulation

On March 24, the Department of Toxic Substances Control released its revised Generator Improvements Rule for public comment. The Generator Improvements Rule applies to hazardous waste generators such as Metropolitan. Metropolitan staff is reviewing the revised rule before the May 8 comment deadline.

On March 29, the Environmental Protection Agency (EPA) published draft maximum contaminant levels (MCLs) for PFOA and PFAS at 4 parts per trillion (ppt) for each compound—the detection limit of EPA's test method. The proposed rule also sets maximum contaminant level goals (MCLGs) for PFOA and PFOS to 0 ppt. Last, the EPA proposed regulating PFNA, PFHxS, PFBS, and GenX as a mixture. The EPA hopes to finalize the regulation by early 2024 with a three-year compliance timeline from the rule's effective date. Metropolitan staff will submit comments before the May 30 comment deadline.

On March 30, Cal/OSHA released a 45-day comment period package for the Proposed Indoor Heat Illness Prevention Standard. Cal/OSHA can adopt the standard as early as summer 2023. The proposed standard applies to all indoor work areas where the temperature exceeds or equals to 82° F with additional requirements when the temperature equals or exceeds 87°F. Key requirements include providing access to water at worksites and within cooling areas; establishing cool-down areas at all times; encouragement of breaks; and using control measures to minimize the risk of heat illness (i.e., PPE, engineering controls). Employees must also be trained in indoor heat Illness prevention. Metropolitan staff are currently reviewing the requirements and assessing impacts. Public comments are due on May 18.

On April 5, the EPA published proposed revisions to the Consumer Confidence Reports (CCRs) under the Safe Drinking Water Act. When finalized, the EPA's proposal would, among other things, require public water systems serving over 10,000 people to deliver CCRs twice a year, encourage modern electronic delivery options, clarify information regarding lead levels and efforts to reduce lead in drinking water and provide translation for customers with limited English proficiency. The EPA held two informational webinars about the proposed CCR Rule on April 12 and April 20, 2023. Metropolitan staff is reviewing the proposed CCR Rule for potential changes to Metropolitan's Annual Water Quality Report that informs the member agency CCRs.

On April 7, Metropolitan submitted a comment letter on the California Air Resources Board's (CARB) 15-day Proposed Advanced Clean Fleets (ACF) Regulation. Set for adoption on April 28, the ACF includes a 50% zero-emission vehicle (ZEV) purchase mandate for medium to heavy-duty vehicles weighing more than 8,500 pounds beginning in 2024 with 100% completion by 2027. The ACF will affect the comment letter requesting that CARB delay the 100% ZEV purchase requirement compliance date from 2027 to 2030 to allow both the ZEV marketplace and the state's charging infrastructure to mature. Metropolitan staff will continue to monitor the development of the ACF Regulation.

On April 13, the EPA requested public "input and data" regarding whether to designate the precursors to PFOA and PFOS, as well as seven additional PFAS as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund). The seven additional PFAS are PFBS, PFHxS, PFNA, Gen X, PFBA, PFHxA, and PFDA. This proposal follows the EPA's September 6, 2022, Notice of Proposed Rulemaking to designate PFOA and PFOS as hazardous substances under the CERCLA--which is not yet final. The April 1 Federal Register notice also requests input on regulating groups or categories of PFAS as hazardous substances.

Metropolitan staff is preparing comments by the June 12 comment deadline.

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



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

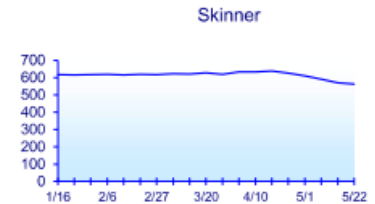
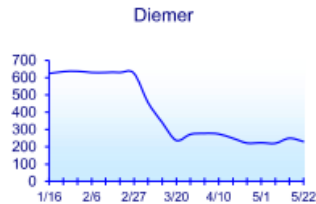
Water Quality Section Weekly TDS Report

For the week of 5/21/2023

Percent SPW Needed to Achieve TDS Goal of 500 mg/L				Estimated TDS for Reservoirs		
Source Water TDS		SPW Required		Reservoir (Effluent)	Date	mg/L
Plant	CRW	SPW	Percent			
Weymouth	602	102	20%	Lake Havasu (Table D)	2/1/23	639
Diemer	602	102	20%	Lake Mathews (DFPI-LWRFR)	5/22/23	602
Skinner-Silverwood	0	102	490%	Lake Skinner (Outlet Structure)	5/22/23	510
Skinner-Perris	0	285	175%	Castaic Lake (JFPI)	5/21/23	352
CRW for Diemer and Weymouth is Lake Mathews and San Jacinto - West Portal for Skinner.				Silverwood (Mills Inf)	5/22/23	102
				Lake Perris	5/22/23	285
				DVL Outlet (Table D)	2/13/23	281

SUNDAY COMPOSITE ESTIMATED TDS FOR 01/15/23 - 05/21/23

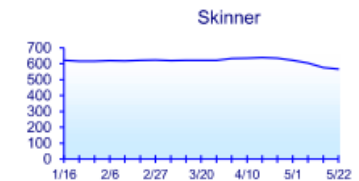
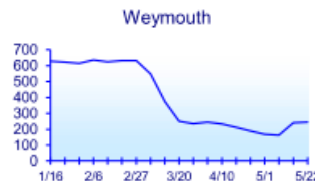
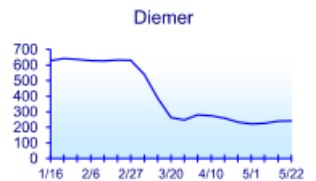
TDS For Week of 5/21	
Plant Eff.	mg/L
Diemer	231
Weymouth	246
Skinner	563
Jensen	371
*Mills	124



Sunday composite estimated TDS measured from plant effluent composite samples collected on Sunday and analyzed for hardness and electrical conductivity. *Collected on Monday 5/22/2023

WEEKLY COMPOSITE ESTIMATED TDS FOR 01/15/23 - 05/21/23

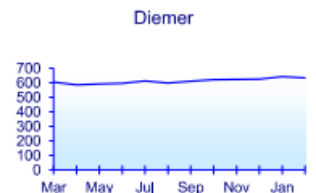
TDS For 5/15 - 5/21	
Plant Eff.	mg/L
Diemer	241
Weymouth	244
Skinner	566



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 March 2022 - February 2023

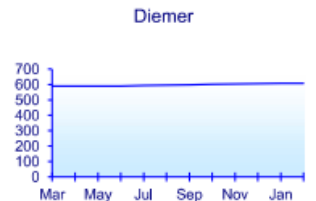
TDS For Feb 2023	
Plant Eff.	mg/L
Diemer	635
Weymouth	638
Skinner	636
Jensen	350
Mills	300



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

FLOW WEIGHTED RAA TDS FOR March 2022 - February 2023

Flow-Weighted RAA TDS Mar 2022 - Feb 2023	
Plant	mg/L
Diemer	609
Weymouth	605
Skinner	608
Jensen	328
Mills	297



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

COLORADO RIVER ISSUES

Lower Basin States Agreement on Colorado River Conservation Actions

On May 22, 2023, The Colorado River Basin States Representatives of Arizona, California, and Nevada reached an agreement to conserve at least an additional 3 million acre-feet (MAF) of Colorado River Water in the Lower Basin by the end of the calendar year 2026, with at least 1.5 MAF of that total being conserved by the end of the calendar year 2024 (Lower Basin Plan). The three lower basin states requested the Lower Basin Plan be thoroughly analyzed as an action alternative in the Bureau of Reclamation's Near-Term Colorado River Operations Draft Supplemental Environmental Impact Statement.

The terms of the Lower Basin Plan are as follows:

1. The Lower Basin Plan does not require the Secretary to exercise her authority to implement reductions unilaterally, and it does not contemplate any waiver of these authorities to protect the Colorado River system in the future if hydrological conditions require such action.
2. Under this alternative, tier-based reductions and contributions in the remaining interim period (2023 through 2026, inclusive) shall be limited to the existing 2007 Interim Guidelines, the Lower Basin Drought Contingency Plan (DCP), and Minute 323.
3. At a minimum, System Conservation (in lieu of additional reductions) achieved in the remaining interim period (2023 through 2026, inclusive) shall be at least 3 MAF, of which at minimum 1.5 MAF shall be physically conserved by the end of the calendar year 2024.
4. In aggregate (understanding that each contract is different and will have user-level limitations), compensated System Conservation shall be mandatory, enforceable, measurable, verifiable, and non-retrievable.
5. System Conservation up to 2.3 MAF will be federally compensated under Pub. L. 117-169 Inflation Reduction Act Title V, Subtitle B, Part 3 "Drought Response and Preparedness" Section 50233 "Drought Mitigation in the Reclamation States" (IRA Funding).
6. The remaining required System Conservation may be in whole or in part compensated by state and/or local entities or be uncompensated. To the extent that System Conservation is federally funded with non-"Bucket 1" IRA Funding, such as under "Bucket 2" IRA Funding, or under Pub. L. 117-58 "The Bipartisan Infrastructure Law" Title IX "Western Water Infrastructure," that System Conservation may offset up to 0.2 MAF of the remaining required System Conservation.
7. All or a portion of the remaining required System Conservation may be offset with Intentionally Created Surplus (ICS) created in 2023-2026. For any such ICS, the creator cannot order delivery of, transfer, or assign the ICS any time before December 31, 2026. Because of the limitation on ICS storage space, some DCP ICS will become system water, which is an uncompensated addition of system water.
8. If the April 24-month Study "Minimum Probable" model in 2024, 2025, and 2026 indicates that the respective end-of-year elevation in Lake Mead will fall below 1,025 feet, the Lower Division

States will have 45 calendar days from the publication of the respective 24-month Study to propose, after consultation with the Upper Basin States, an implementable plan to Reclamation to protect Lake Mead from reaching an elevation of 1,000 feet. If such an acceptable plan, as determined by Reclamation, is not developed, Reclamation may independently take action(s) to protect 1,000 feet.

9. Glen Canyon Dam operations in the remaining interim period (2023 through 2026, inclusive) under this alternative shall be consistent with the existing 2007 Interim Guidelines and the DCPs except as modified in this term 9. Subject to the Secretary's authorities described in term 1, Lake Powell releases will occur as specified under the 2007 Interim Guidelines, except that when Lake Powell is in either the Middle Elevation Release Tier or Lower Elevation Balancing Tier, a mid-year adjustment can be made to reduce the release to an annual volume not less than 6.0 MAF if there is a possibility of the Minimum Probable scenario in any 24-month study of Lake Powell dropping below 3,500 feet in any of the upcoming 12 months that cannot be avoided by modifying monthly release volumes without changing the annual release volume.

The lower basin agreement was submitted concurrently with a letter from all Seven Basin States requesting a suspension of the current Draft SEIS comment period to thoroughly analyze this proposed action alternative.

DELTA CONVEYANCE ACTIVITIES AND STATE WATER PROJECT ISSUES

Delta Conveyance

The California Department of Water Resources (DWR) is continuing efforts to organize and develop responses to the comments received on the Delta Conveyance Project (DCP) draft Environmental Impact Report (EIR), as required under the California Environmental Quality Act CEQA. DWR received more than 700 unique comment letters with over 6,000 individual comments. The Final EIR is expected at the end of 2023, which will include responses to all substantive comments on the Draft EIR and, where appropriate, edits to the Draft EIR responsive to comments received.

The U.S. Army Corps of Engineers (USACE) draft Environmental Impact Statement (EIS) comment period closed on March 16, 2023. The DCP draft EIS is required under the National Environmental Protection Act. The USACE is also starting the initial organization of the comments received on the DCP draft EIS.

DWR's field activities under the Initial Study/Mitigated Negative Declaration for Soil Investigations in the Delta are planned to resume in early May 2023. These activities include data collection, soil samples, and surveys to understand better the region's geology to support the evaluation of potential activities, including the proposed DCP. DWR will update its public information website to provide information on soil investigations to interested members of the public.

(<https://water.ca.gov/Programs/State-Water-Project/Delta-Conveyance/Environmental-Planning>)

Sites Reservoir

At the Sites Reservoir Authority Joint Authority Board and Reservoir Committee meeting on April 21, an update on the Final EIR/EIS schedule was presented. It is anticipated that certification of the Final EIR will be an action item for consideration at the July or August Authority Board Meeting. At that time, the Authority Board must adopt CEQA findings, a Statement of Overriding Considerations, and a Mitigation Monitoring and Reporting Program. Following these actions, the Authority Board will consider approving or denying the Sites Reservoir Project.

Sites Reservoir Authority staff also presented information on the Principles for the Storage, Delivery, and Sale of Sites Reservoir Project Water (Storage Principles). The Storage Principles describe a framework for Sites Reservoir Project water procedures, including system losses, available storage, and allocation. The available storage in Sites Reservoir is calculated to be 1.41 million acre-feet, which includes recent refinements and a 60 thousand acre-feet dead pool that is unavailable stored water in the wholesale electrical energy market, which has the potential to be more cost-effective than going through Pacific Gas & Electric.

Science Activities

Metropolitan staff continued participating in collaborative science activities addressing native fish species in the Delta, their habitats, and the effects of stressors. In April, Metropolitan staff worked with university researchers to conduct field sampling work for an assessment of contaminant occurrence in the Sacramento Deep Water Ship Channel. Delta smelt use the ship channel as a habitat; the study will inform contaminant risk in the ship channel.

Metropolitan staff is also continuing to work on Phase 3 of the Reorienting to Salmonid Recovery project. Participants will develop an agreed-upon suite of priority actions for salmonid recovery in this phase. Metropolitan staff facilitated the first structured decision-making workshop for the Reorienting to Salmonid Recovery project in late March. The workshop participants included state and federal resource agencies, public water agencies, non-governmental organizations, commercial and recreational fishing interests, and tribes. At the workshop, the participants discussed potential management options and recovery scenarios to benefit salmon and provided input on bookend scenarios to evaluate.

Regulatory Activities

In April, Metropolitan staff presented an update on the Voluntary Agreements to Metropolitan's One Water and Stewardship Committee. The presentation included information on the schedule and the Draft Scientific Basis Report Supplement in Support of Proposed Voluntary Agreements for the Sacramento River, Delta, and Tributaries Update to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta Plan). The State Water Resources Control Board (SWRCB) will continue its public and peer review process for the Draft Scientific Basis Report Supplement through early 2024, and SWRCB consideration for adoption of a Bay-Delta Plan update and implementation plan is tentatively scheduled for the end of 2024.

Delta Island Activities

Metropolitan staff prepared and submitted a \$19.7 million grant application to the Delta Conservancy's Nature Based Solutions: Wetland Restoration Grant Program. If awarded, the grant will fund the development of a multi-benefit mosaic of wetlands, rice, and other habitat projects on the Webb tract designed to stop and/or reverse subsidence, generate carbon credits from carbon sequestration opportunities, and create habitat. Metropolitan staff provided an oral presentation on the proposed project to the April 25 Metropolitan Subcommittee on Bay-Delta. Metropolitan staff is also developing outreach materials and met with Contra Costa County representatives and CDFW representatives to discuss the project. Contra Costa County's Board of Supervisors will consider a resolution of support for the project at its May meeting.

Ecosystem Restoration

Metropolitan staff attended the Delta Plan Interagency Implementation Committee Restoration Subcommittee meeting, where the California Department of Fish and Wildlife (CDFW) gave a presentation on the Cutting the Green Tape Initiative designed to increase the pace and scale of environmental restoration projects and discussed the potential implications for Delta projects. Metropolitan staff also attended a Southern Yolo Bypass tour with representatives from Yolo County that included a visit to the Lookout Slough Project, a multi-benefit project to restore 3,400 acres of tidal wetland.

SUMMARY REPORT FOR THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA BOARD MEETING - JUNE 13, 2023

Consent Calendar Other Items – Action

Approved Committee Assignments:

Subcommittee on Pure Water Southern California and Regional Conveyance

Michael Camacho – Chair

Equity, Inclusion, and Affordability Committee

Brenda Dennstedt

Ad Hoc Committee on Facilities Naming

Michael Camacho - Chair

Gloria Cordero

Juan Garza

Tana McCoy

Anthony Fellow

Subcommittee on Demand Management and Conservation Programs and Priorities

Marsha Ramos – Vice Chair (Appointed by Director Tracy Quinn) (Agenda Item 7B)

Consent Calendar Items – Action

Authorize professional services agreements with AECOM Technical Services Inc. and CDM Smith Inc., each in an amount not to exceed \$800,000, to provide engineering services for water desalination studies in Metropolitan's service area. **(Agenda Item 7-1) (DEFERRED)**

(a) Amended the Capital Investment Plan for fiscal years 2022/2023 and 2023/2024 to include the Jensen Administration Building Column Panel Replacement, Skinner Chemical Storage Tank Replacement, and the upgrades to the Auld Valley and Red Mountain Control Structures; and (b) Awarded a \$281,900 contract to MMJ Contracting Inc. to replace the GFRC panels in the entrance columns of the Jensen Administration Building. **(Agenda Item 7-2)**

Approved up to \$1.894 million to purchase insurance coverage for Metropolitan's Property and Casualty Insurance Program to renew or replace all the expiring excess liability and specialty insurance policies and maintain the \$25 million self-insured retention for general liability coverage. **(Agenda Item 7-3)**

Approved the Statement of Investment Policy for fiscal year 2023/24; and delegated authority to the Treasurer to invest Metropolitan's funds for fiscal year 2023/24. **(Agenda Item 7-4)**

Authorized the General Manager to execute six lease/license amendments and two new license agreements for the installation and upgrade of telecommunication equipment and changes in the terms at existing telecommunication sites known as Edom Hill, Vidal Junction, Crossman Peak, Las Vegas Junction, Searchlight, Christmas Tree, and Black Peak, and to commence occupying a new site known as Super Nap, in Southern California, Southern Nevada, and Southern Arizona, as part of Metropolitan's Desert Microwave Project. **(Agenda Item 7-5)**

Authorized the General Manager to grant a permanent 40-foot easement to Eastern Municipal Water District for water pipeline purposes northeast of Diamond Valley Lake in the city of Hemet within Assessor Parcel Numbers 464-250-002, 464-250-003, 454-270-020 and 454-270-032. **(Agenda Item 7-6)**

By a two-thirds vote, authorized payment of up to \$932,800 for support of the Colorado River Board and Six Agency Committee for FY 2023/2024. **(Agenda Item 7-7)**

Adopted the Mitigated Negative Declaration for the Delta Smelt and Native Species Preservation Project and take related CEQA actions. **(Agenda Item 7-8)**

Authorized adding a \$500,000 line item to the fiscal year 2023/2024 Equal Employment Opportunity Office budget to cover outside legal services; and authorized an agreement with Meyers Nave in an amount not to exceed \$500,000 for ongoing legal advice in support of Equal Employment Opportunity Office activities and Equal Employment Opportunity related personnel and compliance matters. **(Agenda Item 7-9)**

Other Board Items - Action

Authorized on-call agreements with Kennedy Jenks Consultants Inc., Lee & Ro Inc., and Stantec Consulting Services Inc., in amounts not to exceed \$10 million each, for a maximum period of five years for engineering services. **(Agenda Item 8-1)**

Deferred awarding a contract for furnishing and installation of pre-engineered storage buildings at the Hinds, Eagle Mountain, and Iron Mountain pumping plants and directed staff to present additional value engineering information for the project at the July EO&T meeting and bring an action item back to the Board in August. **(Agenda Item 8-2)**

Expressed support, if amended, on two legislative bond proposals, Assembly Bill 1567 (Garcia) and Senate Bill 867 (Allen), to provide funding for water projects to address climate change impacts. **(Agenda Item 8-3)**

Authorized the General Manager to exercise discretion under Administrative Code Section 6101(k) to enter into a successor Memorandum of Understanding with the Supervisors' Association. **(Agenda Item 8-4)**

This Information Should Not Be Considered The Official Minutes Of The Meeting.

All current month materials, and materials after July 1, 2021 are available on the public website here:
<https://mwdh2o.legistar.com/Calendar.aspx>

This database contains archives from the year 1928 to June 30, 2021:
<https://bda.mwdh2o.com/Pages/Default.aspx>

PUBLIC/GOVERNMENT AFFAIRS

COMMUNITY AND MEMBER AGENCY RELATIONS

Public Affairs Staff:

- Mailed prizes to top 15 Honorable Mention winners for Poster Contest 2023
- Prepped posters, certificates, and prizes for the 2023 Poster Contest Awards Ceremony at Shipley Nature Center
- Participated in a MWDOC Girl Scouts clinic planning meeting with the City of Seal Beach
- Attended the Trabuco Canyon Water District's Water Awareness Day; provided a booth and Ricky RaindropSM
- Provided a Ricky RaindropSM appearance for the City of Westminster's Open House
- Prepared and distributed summer bill inserts to MWDOC member agencies
- Worked with Hashtag Pinpoint and MWDOC WUE team to create three (3) 30-second videos on water-saving devices to play at the Department of Motor Vehicles
- Attended a City of Orange Rotary Speakers Bureau Presentation City of Orange Rotary with Director Dick.

Government Affairs Staff:

- Participated in the ACC-OC Legislative and Regulatory Committee meeting
- Distributed the Grants Tracking and Acquisition monthly report

EDUCATION

Public Affairs Staff

- Met with Orange County Department of Education's Inside the Outdoors to discuss K-12 education opportunities
- Met with Orange County Business Council to discuss the Water Energy Education Alliance (WEEA) and workforce development
- Met with Big Picture Learning on a teachers' training outline sponsored by WEEA
- Participated in a H RTP Grant Statewide Advisory Council meeting led by the California Municipal Utilities Association
- Met with Orange Coast College to discuss Orange County Children's Book Festival opportunities
- Provided information regarding MWDOC's K-12 Choice School Programs to the City of San Clemente

- Executed a one-year contract extension for the MWDOC K-12 Choice School Program contractors. Funds are budgeted, and authorization has been approved - see Exhibit J1 in the final FY 2023-24 board-approved budget.

MEDIA OUTREACH AND DISTRIBUTION

Public Affairs Staff

- Prepared and distributed content for social media
- Distributed weekly news digests to MWDOC managers and Board
- Updated MWDOC website as requested by several departments
- Prepared and distributed one Media Advisory:
 - Media Advisory: MWDOC ISSUES STATEMENT ON GOVERNOR'S EXECUTIVE ORDER ON INFRASTRUCTURE

SPECIAL PROJECTS

Public Affairs Staff:

- Provided first round of headshots for the website to the MWDOC Board and staff
- Sent out the first invite for the June 22, 2023, MWDOC Water Policy Forum & Dinner featuring keynote speaker, Ed Ring
- Speakers Bureau – presented a session at the 2023 California Association of Public Information Officials (CAPIO) conference
- Accepted a CAPIO EPIC Award – top honors in the category – for MWDOC's participation in the Streams of Hope campaign – a public art and community cleanup campaign in partnership with the Wyland Foundation, Orange County Conservation Corps, and the County of Orange's Adopt a Channel Program
- Met with project partners to discuss details for the Coronet Watersmart Conservation Garden ribbon-cutting celebration
- Designed and distributed invitations for the Coronet Watersmart Conservation Garden ribbon-cutting celebration to the MWDOC Board and staff on social media channels and in the surrounding Westminster neighborhoods
- Coordinated and attended the Colorado River Aqueduct Inspection Trip with Director Seckel

Governmental Affairs Staff:

- Staffed the ISDOC Executive Committee meeting
- Met with staff from the Placentia Library District to discuss legislative priorities for ISDOC
- Invited and coordinated details with the speaker for the June WACO meeting
- Responded to questions related to the Grants Tracking & Acquisitions RFP and circulated the responses

- Coordinated with members of the ISDOC Bylaws Ad-Hoc Committee on potential updates for discussion
- Staffed the WACO Meeting featuring speaker Bill Hasencamp discussing the Colorado River negotiations
- Reached out to and worked with CSDA staff to obtain a voting member mailing list and other information needed for Director Nederhood's CSDA Board candidacy
- Emailed each office in MWDOC's Assembly, Senate, and Congressional delegation requesting certificates for the Poster Contest winners
- Edited the CSDA Board election letter to distribute to voting members in the upcoming election
- Reviewed and scored proposals received for the Grants Tracking & Acquisition RFPs
- Staffed the WACO Planning Committee meeting
- Drafted and distributed the ISDOC Quarterly Meeting invite
- Reviewed and scored admissions for all of CSDA's annual awards to be announced at their annual conference in August

LEGISLATIVE AFFAIRS

Governmental Affairs Staff:

- Participated in the CSDA Legislative Committee meeting
- Participated in the CMUA Regulatory and Legislative Committee meetings
- Attended the ACWA State Legislative Committee meeting
- Attended the ACWA Federal Affairs Committee meeting
- Attended the ACWA Spring Conference in Monterey and attended the following presentations/meetings:
 - Opening Breakfast
 - California Colorado River Board meeting
 - Federal Issues Forum on Bipartisan Infrastructure Law Implementation
- Attended the 2023 Annual Water Supply and Demand Assessment/Reporting webinar
- Attended the California Natural Resources Agency May Revise informational webinar
- Participated in the Southern California Water Coalition Legislative Taskforce meeting
- Attended the CSDA Legislative Days conference in Sacramento
- Met with Assemblywoman Laurie Davies to discuss CSDA legislative priorities
- Attended the California Natural Resources Agency webinar on "Weather Whiplash"

- Participated in the Metropolitan Legislative Coordinators' meeting
- Participated in the Cal-Desal Legislative Committee meeting
- Met with Assemblywoman Cottie Petrie-Norris's staff to review MWDOC's position on water-related legislation coming to the Assembly Floor
- Attended the ACWA Legislative Committee meeting
- Met with Jay Jefferson of Metropolitan to discuss water rights legislation

OUTREACH METRICS

Public Affairs Staff:

- Google Performance Analytics (April 2023)
 - 1,182 MWDOC business listing searches
 - 254 business profile interactions
 - 2,494 people viewed the business profile
- Website Analytics (GM report timeframe)
 - 13,773 pageviews
 - Top pages for this date range
 - Home page
 - Residential rebates
 - RFP/RFQ listings
 - Free landscape designs
 - Opportunities/Careers
- Social Media (GM report timeframe)

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

Currently, MWDOC's engagement rate is at 19.56%

- 59,666 Post reach (number of people)
- 11,696 Post engagement (actions taken – likes, shares, etc.)

WATER USE EFFICIENCY

ORANGE COUNTY LANDSCAPE PROGRAM ADVISORY COMMITTEE (PAC)

On May 11, Joe Berg, Beth Fahl, Tina Fann, Rachel Waite, and Sam Fetter hosted the Orange County Landscape PAC meeting via Zoom. Staff from the City of San Clemente, El Toro Water District, Irvine Ranch Water District, Moulton Niguel Water District, and Santa Margarita Water District also participated in the meeting. Items on the agenda included:

- Update on Turf and Drip Program Guides
- Trees Discussion
 - Treebates
 - Stormwater Capture Alternative
- MWDOC Grants Discussion
- Master Valve and Flow Sensor Rebates Discussion
- Landscape Tune-up Program
- Focus for Future PACs

The next meeting is scheduled for July 13.

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA (METROPOLITAN) WATER USE EFFICIENCY (WUE) MEETING

On May 18, Joe, Beth, Rachel W., Sam, and Tina F. participated in the Metropolitan WUE meeting via Zoom. Topics on the agenda included:

- Welcome
- Metropolitan Board Meetings Update
 - Previous: May
 - Upcoming: June
- Vallecitos Water District Video “Flametree Farms”
- Metropolitan Conservation Program Updates
 - Green Gardens Group G3 Landscape Classes
 - WELDCP/MWELO
 - Water Savings Incentive Program (WSIP) – What is it, and How does it work?
- External Affairs Update
- Member Agency Roundtable

The next meeting is scheduled for June 15.

ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) WUE WORKING GROUP MEETING: VARIANCES AND NEW GUIDELINES AND METHODOLOGIES

On May 18, Rachel W. attended the ACWA WUE Working Group Meeting, which focused on variances and new guidelines and methodologies related to the Conservation Framework. The discussion focused on ways that the urban water use objective calculation may be simplified, specifically the calculation of variances, with the goal of providing comments/recommendations to State staff. Follow-up meetings will be scheduled to continue working on the Conservation Framework.

METROPOLITAN ONE WATER AWARDS CEREMONY

On May 22, Joe attended the One Water Awards Ceremony hosted by Metropolitan. The ceremony honored six organizations that participated in Metropolitan's Water Savings Incentive Program (WSIP), having made major improvements to their water management, operations, or equipment. The City of Huntington Beach was recognized for its No-DES Truck, which recirculates water during system flushing operations and is estimated to save more than 182 million gallons over the project life. This project was made possible through funding received from Metropolitan through the WSIP Program and grant funding provided by MWDOC.

PROPOSITION 1 ROUND 1 REGIONAL COMPREHENSIVE LANDSCAPE REBATE PROGRAM

On May 23, Joe, Rachel W., and Sam met with San Bernardino Valley Municipal Water District (SBVMWD) and SBVMWD member agency staff to discuss the Regional Comprehensive Landscape Rebate Program (Grant Program), funded through Proposition 1 Round 1. This Grant Program is a MWDOC-led partnership among Big Bear Lake Department of Water and Power, Eastern Municipal Water District, Inland Empire Utilities Agency, SBVMWD, and Western Municipal Water District. At this meeting, MWDOC staff shared information and fielded questions regarding the grant to assist SBVMWD and its retailers in meeting their Grant Program goals.

DEDICATED IRRIGATION METER (DIM) LANDSCAPE AREA MEASUREMENTS (LAM) PROGRAM

On May 30, Rachel W. and Sam met with City of San Clemente staff and project consultant NV5 to discuss the DIM LAM program, which provides Orange County retail water agencies landscape area measurements for their dedicated irrigation meters, as set forth in the Conservation Framework. The meeting focused on the designation of Special Landscape Areas (SLAs), such as parks or sports fields. This designation is extremely important as these landscapes receive a higher efficiency factor of 1.0 than regularly designated landscapes. Follow-up meetings will be scheduled as necessary.

CALIFORNIA WATER EFFICIENCY PARTNERSHIP (CALWEP) PEER-TO-PEER CONFERENCE

On May 31-June 1, Rachel W., Sam, Tina F., Cristal Castro, Letty Aguilar, Melissa Hurtado. and Claire Johnson participated in the CalWEP Peer-to-Peer Conference in Long Beach, with Beth participating remotely. The conference was attended by approximately 250 members and focused on water efficiency from various organizations across the state. Plenary and collaborative session topics included:

- Messaging Water Efficiency During Wet Years
- Controversial Statements – Turf Replacement
- The Conservation Framework
 - Refresher Course
 - Commercial, Industrial, Institutional Standard
 - Water Loss Compliance
 - Compliance Tools
- Effective Programs
 - Data Analysis and Reporting
 - Meeting People Where They Are
 - Smart Technology
 - Partnerships: Water Agencies + Stormwater/Energy

SOUTH ORANGE COUNTY WATERSHED MANAGEMENT AREA MANAGEMENT COMMITTEE

AGENDA

June 5th, 2023

1:30 PM – 2:30 PM

[Click here to join the meeting](#)

Call in number: +1 949-543-0845

Phone Conference ID: 978 896 516#



- 1. Welcome & Introductions**
- 2. June 8th Executive Committee Agenda Overview**
- 3. MC Member Roundtable & Updates**
- 4. Regional Project Framework Update**
Grant Sharp, County of Orange
- 5. Upcoming South OC IRWM Meetings:**
 - Executive Committee: June 8th, 2:30-4:30 PM [Laguna Niguel City Council Chambers]
 - Funding Workshop: July [Virtual, Date TBD]
 - Project Permitting Workshop: October [In-person, Date TBD]
- 6. Closing and Adjourn**

Management Committee Membership by Agency

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

*Regional Water Management Group (RWMG) Representatives



June 8, 2023

2:30 – 4:30 p.m.

IN PERSON at Laguna Niguel City Council Chambers

30111 Crown Valley Parkway

Laguna Niguel, CA 92677

[Map](#)

Tiffany Ackley, Chair

City of Aliso Viejo

Debbie Neev

Laguna Beach County Water District

Sandra Jacobs

Santa Margarita Water District

Kelly Jennings

City of Laguna Niguel

Matthew Pagano

City of Dana Point

Karen McLaughlin

Irvine Ranch Water District

Sue Kempf

City of Laguna Beach

Don Caskey

City of Laguna Hills

Carol Moore

City of Laguna Woods

Cynthia Vasquez

City of Mission Viejo

Robert Pequeño

City of Lake Forest

Kay Havens, Vice Chair

El Toro Water District

Bill Moorhead

Moulton Niguel Water District

Megan Yoo Schneider

Municipal Water District of OC

Katrina Foley

County of Orange

Brad McGirr

City of Rancho Santa Margarita

Steve Knoblock

City of San Clemente

Norris Brandt

San Juan Basin Authority

Doug Erdman

South Coast Water District

Kathryn Freshley

South OC Wastewater Authority

Ed Mandich

Trabuco Canyon Water District

Howard Hart

City of San Juan Capistrano

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

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

In compliance with the American Disabilities Act, those requiring accommodations for this meeting should notify the SOCWMA Meeting Administrator 72 hours prior to the meeting at 714-955-0605 or Ryane.Gill@ocpw.ocgov.com.

REGULAR BUSINESS*

CALL TO ORDER

WELCOME AND PLEDGE OF ALLEGIANCE

ITEM # 1 EXECUTIVE COMMITTEE ROLL CALL

ITEM # 2 APPROVAL OF MEETING MINUTES

Recommended Action: Approve the minutes of the March 9, 2023, meeting.

ITEM # 3 PUBLIC COMMENTS, NON-AGENDA ITEMS

ITEM # 4 COMMITTEE CHAIR AND VICE CHAIR NOMINATIONS

Recommended Action: Elect Chair and Vice-Chair based upon recommendations presented by nomination ad hoc.

PRESENTATIONS & DISCUSSION

ITEM # 5 OC STORMWATER PROGRAM ENGAGEMENT & EDUCATION

CHRISTY SUPPES, COUNTY OF ORANGE

Recommended Action: Receive and file.

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

GRANT SHARP, COUNTY OF ORANGE

Recommended Action: Approve proposed FY 23 – 25 Cost-Share Budget.

ITEM # 7 ORANGE COUNTY CONSERVATION CORPS GREEN WORKFORCE DEVELOPMENT & SERVICES

KATHARYN MUNIZ, CHIEF EXECUTIVE OFFICER – ORANGE COUNTY CONSERVATION CORPS (OCCC)

Recommended Action: Receive and file.

EXECUTIVE OFFICER’S REPORT

EXECUTIVE COMMITTEE MEMBER COMMENTS

ADJOURNMENT – NEXT MEETING DATE: NOVEMBER 9, 2023



AGENDA STAFF REPORTS

Regular Business

CALL TO ORDER

WELCOME AND PLEDGE OF ALLEGIANCE

ITEM # 1. INTRODUCTIONS/ ROLL CALL

ITEM # 2. APPROVAL OF MEETING MINUTES

MEETING MINUTES FROM MARCH 9, 2023, FOR APPROVAL

Date and Location: March 9, 2023, 2:30 – 3:30 p.m.
Crown Valley Community Center
29751 Crown Valley Parkway
Laguna Niguel, CA 92677

****Audio recording for the March 9, 2023, meeting is available [here](#). Recording times noted in the minutes correspond to that item on the recording. ****

ITEM # 1 Introductions/Roll Call (Recording: 00:00:12)

Lisa Zawaski for Matthew Pagano, City of Dana Point	Kay Havens, Vice Chair, El Toro Water District
Debbie Neev, Laguna Beach County Water District	Bill Moorhead, Moulton Niguel Water District
Saundra Jacobs, Santa Margarita Water District	Brad McGirr, City of Rancho Santa Margarita
Shaun Pelletier for Tiffany Ackley, Chair, City of Aliso Viejo	David Rebensdorf for Steve Knoblock, City of San Clemente
Karen McLaughlin, Irvine Ranch Water District	Norris Brandt, San Juan Basin Authority
John Campbell for Howard Hart, City of San Juan Capistrano	Bill Green for Doug Erdman, South Coast Water District
Carol Moore, City of Laguna Woods	Kathryn Freshley, South OC Wastewater Authority
Cynthia Vasquez, City of Mission Viejo	Ed Mandich, Trabuco Canyon Water District
Robert Pequeno, City of Lake Forest	Don Caskey, City of Laguna Hills

ITEM # 2 Approval of Meeting Minutes (Recording: 00:01:44)

November 17, 2022, meeting minutes were presented to the Executive Committee for approval. Ms. Saundra Jacobs requested that future meeting minutes include a summary of content provided in the Executive Officer's Report for Committee reference.

Recommended Actions: Approve the November 17, 2022, meeting minutes.

Motion: Approve minutes



First/Second: Sandra Jacobs/Ed Mandich

Roll Call:

Shaun Pelletier: Yes	Kay Havens: Yes	Debbie Neev: Yes	Bill Moorhead: Yes
Sandra Jacobs: Yes	Brad McGirr: Yes	Lisa Zawaski: Yes	David Rebensdorf: Yes
Karen McLaughlin: Yes	Norris Brandt: Yes	Don Caskey: Yes	Bill Green: Yes
Carol Moore: Yes	Kathryn Freshley: Yes	Cynthia Vasquez: Yes	Ed Mandich: Yes
Robert Pequeno: Yes	John Campbell: Yes		

Outcome: Motion Passed

ITEM # 3 Public Comments (Non-Agenda Topics) (Recording: 00:04:33)

There were no public comments on non-agenda items.

ITEM # 4 Committee Chair and Vice Chair Nominations (Recording: 00:04:55)

The following Executive Committee Members volunteered to form an ad hoc committee to nominate a Chair and Vice Chair to serve a two-year term beginning July 1, 2023, and ending June 30, 2025: Sandra Jacobs, Santa Margarita Water District; Debbie Neev, Laguna Beach County Water District; Kathryn Freshley, South OC Wastewater Authority; Cynthia Vasquez, City of Mission Viejo; Howard Hart, City of San Juan Capistrano.

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

ITEM # 5 Executive Officer Report (Recording: 00:09:44)
Amanda Carr, County of Orange

Executive Officer Amanda Carr provided an update on pertinent information to the South Orange County Watershed Management Area. These updates included:

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



- **DWR Virtual Workshop on the Draft Flood Management Resource Management Strategy (RMS) on March 15, 2023:** the workshop will provide local agencies and groups the opportunity to review and comment on the content of the draft RMS, to be included in the [California Water Plan Update 2023](#).
- **South OC Water Quality Improvement Plan (WQIP) 2021-22 Annual Report Submitted January 31, 2023 to the San Diego Regional Water Quality Control Board:** the final report and previous annual reports are available here: <https://www.southocwqip.org/pages/reporting-adaptive-management>.
- **Draft 2024 California Integrated Report Clean Water Act Section 303(d) List Comments Due April 3, 2023:** the State Water Resources Control Board has made available a supporting draft staff report detailing the proposed listing and delisting recommendations.
- **20th Anniversary of IRWM Video Screening at DWR Headquarters May 2, 2023:** DWR is planning an in-person and virtual screening of a video DWR produced highlighting the 20th anniversary of the IRWM Program, details and a flyer for which are forthcoming.

ITEM # 6 FY 23-25 Cost Share Budget & Work Plan Discussion (Recording: 00:19:33)
Jenna Voss, County of Orange

Ms. Jenna Voss, County of Orange, provided an overview of the FY 23-25 cost share budget and work plan. Committee members did not request changes to the budget, as proposed.

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

Executive Committee Member Comments (Recording: 00:43:04)

There were no Executive Committee Member comments.

Adjournment (Recording: 00:43:39)

END MEETING MINUTES FROM MARCH 9, 2023

Recommended Action: Approve the minutes of the March 9, 2023, meeting.

ITEM # 3. PUBLIC COMMENTS, NON-AGENDA TOPICS

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

ITEM # 4. COMMITTEE CHAIR AND VICE CHAIR NOMINATIONS

According to the Terms of the Executive Committee Handbook, a new Chair and Vice Chair shall be elected for the next two-year term, beginning July 1, 2023, and ending June 30, 2025. An ad hoc nominating committee was formed at the March 9th meeting to bring back nominees for consideration at this meeting. The nominating committee will propose a water/wastewater/groundwater agency representative for Chair and a city representative for Vice Chair for the FY 2023-2025 term.



Recommended Action: Elect Chair and Vice-Chair based upon recommendations presented by nomination and ad hoc.

ITEM #5. OC STORMWATER PROGRAM ENGAGEMENT & EDUCATION

Ms. Christy Suppes, County of Orange, will provide an overview of the Orange County Stormwater Program's public education program – H₂OC. Ms. Suppes will highlight the data-driven process the program utilizes to measure engagement and behavior change. The goal of H₂OC is to provide consistent messaging to support effective stormwater management strategies in Orange County, and to encourage adoption of behaviors protective of water quality. Ms. Suppes will provide examples of successful targeted engagement/behavior change campaigns and their results.

Recommended Action: Receive and file.

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

The South OC WMA Cooperative Agreement states that the Committee shall approve an annual work plan and budget for the administration and activities of the WMA, its committees, projects, actions, and administrative support. The budget shall be equally divided amongst the participating agencies in the agreement and accounted for by each agency in their annual budget. The proposed FY 2023 – 2025 cost-share budget is \$9,090.91 per member agency for both FYs, representing a 19% reduction from the current budget.

The State DWR was expected to release a draft 2023 Water Plan Update by March 2023 to provide insight into DWR's future commitment to the IRWM Program as it is currently administered. Water Plan issuance has now been delayed until 2024. It is expected the Water Plan will seek to chart a new course for IRWM, emphasizing broader natural resource management at watershed scales. If the Water Plan follows this expected path, the South OC IRWM Group may need to amend the IRWM Plan. The IRWM Grant Program currently depends on allocations of funds managed by DWR through voter-approved bonds. Currently, AB 1567 and SB 867 propose \$300 million and \$200 million grant funds for IRWM, respectively. The IRWM Roundtable of Regions and other entities have requested these allocations be increased to between \$500 million and \$660 million. These bills need to move through their respective houses and likely merge to make it to the ballot.

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

Proposed Budget for FY 2023 – 2025

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

▪ Task 1: Program Administration

Includes the core support functions for the South OC IRWM as described in the Cooperative Agreement, IRWM Plan governance structure, and to comply with State IRWM Plan Standards to remain an accepted region for grant funding. Support includes administration of the Executive Committee, Management Committee, as well as ad hoc and/or additional workshops, as needed. Staff propose holding three (instead



of four) Executive Committee meetings annually. This item includes elements such as preparation of meeting agendas, presentations, agenda staff reports, responding to member agency requests and supporting administration of the program through legal support for the Cooperative Agreement.

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

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

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

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

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

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

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

Researching and communicating with State agencies on the Watershed Resilience Initiative and other similar state plans that impact the work of IRWM will likely be a priority during FY 23 – 25. This task supports engagement with State DWR staff, including advocating for watershed scale collaboration that aligns with South OC IRWM efforts. Task 4 also includes tracking and informing member agencies and other stakeholders/interested parties in the South OC IRWM Group of potentially impactful legislation, including for funding. Staff participation in the IRWM Roundtable of Regions (as a region, not as Roundtable of



Regions leadership) is included in this task and represents the same commitment as the prior four FY. The IRWM [Roundtable of Regions](#) is a well-established collaborative of representatives from organizations and agencies engaged in the current, ongoing, and future success of the IRWM Program in California.

Table A below summarizes the two-year proposed budget described above, which is identical for both FYs. The total contribution per Member Agency is highlighted in yellow.

Table A: Proposed FY 2023 – 2025 South OC IRWM Shared-Costs Budget

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

Recommended Action: Approve proposed FY 23 – 25 Cost-Share Budget.

ITEM #7. ORANGE COUNTY CONSERVATION CORPS GREEN WORKFORCE DEVELOPMENT & SERVICES

Ms. Katharyn Muniz, Chief Executive Officer of the Orange County Conservation Corps (OCCC), will provide an overview of green infrastructure workforce development initiatives and highlight the ways OCCC serves at-risk adults and the community through training, employment and educational programs and the delivery of conservation-driven services and projects.

Recommended Action: Receive and file.

EXECUTIVE OFFICER REPORT

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



- **Proposition 1 – Round 2 IRWM Implementation Grant Awarded Full Funding on May 5, 2023:** the \$3.27 million grant application in support of four priority South OC IRWM projects was fully funded by the State DWR. The County will formally accept the funds and work with the DWR and each project proponent over the next several months to develop grant agreements.
- **County Staffing Changes:** Jenna Voss has left the County and will move back to her home state of Michigan, effective June 2, 2023. Grant Sharp and Maria Tamez will be the primary administrative contacts for the Committee.
- **20th Anniversary of IRWM Video Screening at DWR Headquarters to be Rescheduled:** DWR is working to reschedule an in-person screening of a video DWR produced highlighting the 20th anniversary of the IRWM Program sometime in June; details are forthcoming.
- **ACWA 2023 Spring Conference & Expo:** event held May 9-11, 2023.
- **Center for Watershed Protection National Stormwater Conference:** event held April 25-27, 2023.
- **Aliso Creek Watershed Project Collaboration Group:** Meeting held on May 18th. A project funding workshop is planned for July – more details to come.
- **San Diego Regional Municipal Separate Storm Sewer (MS4) Permit Reissuance:** Second public workshop scheduled for June 20th, 10 AM – 12:30 PM, at the San Diego Water Board.
- **Aliso Creek Smart Watershed Network Pilot Project:** Metropolitan Water District to host Future Supply Actions Funding Program webinar on the project on June 15th, 2 PM.
- **Santa Margarita Water District Water Festival:** Held on May 6th.
- **Moulton Niguel Water District NatureScape Garden Tour and Open House:** Held on May 20th.
- **San Juan Creek Estuary Restoration Public Workshop:** scheduled for June 21st, 3-5 PM.

EXECUTIVE COMMITTEE MEMBER COMMENTS

ADJOURNMENT

Next meeting date: November 9, 2023



LOCAL AGENCY FORMATION COMMISSION OF ORANGE COUNTY

REGULAR MEETING AGENDA

Wednesday, June 14, 2023
8:15 a.m.

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

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

1. CALL THE MEETING TO ORDER

2. PLEDGE OF ALLEGIANCE

3. BOARD APPOINTMENT

The Commission will receive a report on the recent appointment to OC LAFCO and the respective oath will be administered.

4. ROLL CALL

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

6. PUBLIC COMMENT

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

7. CONSENT CALENDAR

a.) May 10, 2023 – Regular Commission Meeting Minutes

The Commission will consider approval of the May 10, 2023 meeting minutes.

8. PUBLIC HEARING

No public hearing items scheduled.

9. COMMISSION DISCUSSION AND ACTION

a.) Professional Services Agreement with Chase Design, Inc.

The Commission will consider approval of a professional services agreement with Chase Design to complete design improvements to the agency website.

b.) Legislative Policy and Guidelines

The Commission will consider proposed amendments to the agency's legislative policy and guidelines to include engagement of external stakeholders.

c.) Legislative Report (June 2023)

The Commission will receive an update on current legislation of LAFCO interest and consider adopting and amending positions on proposed legislation of LAFCO interest.

10. COMMISSIONER COMMENTS

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

11. EXECUTIVE OFFICER'S REPORT

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

a.) Project/Application Updates *(Oral reports and no action required by the Commission.)*

1. OCWD MSR
2. Fical Indicators – CALAFCO Conference Proposal

12. INFORMATIONAL ITEMS & ANNOUNCEMENTS

No informational items and announcements scheduled.

13. CLOSED SESSION

Conference with Legal Counsel- Anticipated Litigation

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

Number of potential cases: 1

14. ADJOURNMENT OF REGULAR COMMISSION MEETING

The Commission will adjourn today's OC LAFCO meeting in memory of former Commissioner Allan Bernstein who passed away on May 24, 2023. Allan Bernstein served as an OC LAFCO City Member from 2014 to 2020. We celebrate Allan's many contributions and distinguished public service.

The next Regular Commission Meeting will be held on Wednesday, July 12, 2023, at 8:15 a.m. at the County Administrative North (CAN), First Floor Multipurpose Room 101, 400 W. Civic Center Drive, Santa Ana, CA 92701.

PUBLIC PARTICIPATION:

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

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

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

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

AMERICANS WITH DISABILITIES ACT (ADA)

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



Executive Committee Meeting

Tuesday, June 6, 2023

7:30 a.m.

Mailing Address

P.O. Box 20895
Fountain Valley, CA 92728

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

Meeting Location

MWDOC/OCWD
18700 Ward Street
Fountain Valley, CA 92708

Join Zoom Meeting

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

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

<https://isdoc.specialdistrict.org/>

Dial by your location

669 900 9128 US (San Jose)

877 853 5247 US Toll-free

888 788 0099 US Toll-free

Executive Committee

President

Hon. Greg Mills
Serrano Water District

AGENDA

1st Vice President

Hon. Bob McVicker
*Municipal Water District
Orange County*

I. Welcome, Introductions

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

2nd Vice President

Hon. Paul Mesmer
*Surfside Colony Community
Services District*

II. Approval of Minutes

- Approval of May 2, 2023 Minutes

3rd Vice President

Hon. Scott Nelson
Placentia Library District

III. Public Comments on items not on the agenda

Secretary

Vacant

IV. New Business

Treasurer

Hon. Sandra Jacobs
Santa Margarita Water District

V. Old Business

- Website Maintenance Evaluation Volunteer Options – Placentia Library
- Website Maintenance Recommendations – Website Committee
- Scholarship Recommendations Update - Ad-Hoc Committee

Immediate Past President

Hon. Mark Monin
El Toro Water District

VI. Treasurer's Report – Director Jacobs

- Report of accounts

Staff Administration

Heather Baez

*Municipal Water District of Orange
County*

VII. CSDA Report – Director Schafer or Chris Palmer

- Receive, discuss and file the CSDA Report

Tina Dubuque

*Municipal Water District of Orange
County*

VIII. LAFCO Report – Director Fisler

- Receive, discuss and file the LAFCO report

IX. ACWA Report – Director Jacobs

- Receive, discuss and file the ACWA report

X. OCCOG Report – Director Scheafer

- Receive, discuss and file OCCOG report

XI. Orange County Operational Area Report – Director Monin

- Receive, discuss and file OCOA report

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

- a. Receive, discuss and file the CASA report

XIII. Subcommittee Reports

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

XIV. Adjourn



**Executive Committee Meeting
(Virtual Meeting via Zoom)
Tuesday, May 2, 2023, 7:30 a.m.**

MEETING MINUTES

I. WELCOME:

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

DIRECTORS PRESENT:

Greg Mills	President	Serrano Water District (SWD)
Bob McVicker	1 st Vice President	Municipal Water District of Orange County (MWDOC)
Paul Mesmer	2 nd Vice President	Surfside Colony Community Services District
Scott Nelson	3 rd Vice President	Placentia Library District
Vacant	Secretary	
Saundra F. Jacobs	Treasurer	Santa Margarita Water District (SMWD)
Mark Monin	Immediate Past President	El Toro Water District (ETWD)

DIRECTORS ABSENT:

None

SUPPORT STAFF PRESENT:

Heather Baez	MWDOC
Tina Dubuque	MWDOC
Sharon Brimer	Recording Secretary

OTHERS PRESENT:

Alicia Dunkin	Orange County Water District
Deanna Ray	The KYA Group
Edward Mandich	Trabuco Canyon Water District
Gavin Centeno	Orange County Local Agency Formation Commission (OCLAFCO)
Jeanette Contreras	Placentia Library District
Jim Fisler	Mesa Water District (MWD)
John Withers	Irvine Ranch Water District
John Lewis	
Larry Dick	MWDOC
Mike Gaskins	ETWD
Mike Scheafer	Costa Mesa Sanitary District (CMSD)
Stacy Taylor	MWD
Steven Faessel	City of Anaheim

II. MEETING MINUTES:

MOTION:

Motion by Director Monin, second by Director McVicker, to approve the meeting minutes of the March 30, 2023, Quarterly Meeting and April 4, 2023, Executive Committee Meeting. The motion passed unanimously.

III. PUBLIC COMMENTS:

None

IV. NEW BUSINESS

- Website Update

A discussion ensued about updating website information. It was noted there are two concurrent websites (a link on the MWDOC website and an independent website) that contain information about ISDOC. The issue of the timeliness of updating the information was discussed, and the reasonability for maintaining two websites. Currently, MWDOC personnel update the MWDOC/ISDOC website. Of late, no one has been updating the independent website.

A discussion ensued on the continued maintenance of a website.

A recommendation was made to develop categories and update the website information for associate members. This topic is to be included in the evaluation of website maintenance.

Placentia Library District Trustees Jeanette Contreras and Scott Nelson offered to explore the feasibility of providing volunteer service to keep the independent website current. Their District uses Streamline Web

The Website Committee, Director Mesmer, and MWD Water Policy Manager Taylor were asked to evaluate the issue of website maintenance and return with a recommendation to the Board.

- June Quarterly Luncheon – Meeting Date Change

Director McVicker gave an update on the recommendation to change the date for the June Quarterly Luncheon to be conducted via Zoom. He offered it needed to be changed from June 29, 2023, to June 22, 2023, 4th Thursday, to accommodate an ACWA Region 10 meeting.

MOTION:

Motion by Director McVicker, second by Director Mesmer, to change the June Quarterly Luncheon from June 29, 2023, at 11:30 a.m. to June 22, 2023, at 11:30 a.m. to accommodate an ACWA Region 10 meeting. The motion passed unanimously.

- Special District Leadership Foundation (SDLF) Chapter Donation Request

No opposition was expressed.

V. Old Business

- Update: Scholarship ad-hoc Committee Update
 - CSDA Funding for Two Registrations not to exceed \$2,000

Ms. Taylor reported current materials were reviewed. There is a need to establish a qualification level for special districts. She noted CSDA would post an application on its website. To determine the district/agency qualification level, there is a need to collect revenue information by member.

The committee consists of Ms. Taylor, Directors Jacobs, and Mesmer.

There is a task to gather revenue numbers for each special district member.

Two possible sources for the information collection are a separate task for the recording secretary or Gavin Centeno noted OC LAFCO is collecting numbers for south and southwest regions. Timeliness may be an issue with the LAFCO numbers.

The ad hoc Committee will return recommendations for the next meeting.

- Update: Bylaws ad-hoc Committee Update

No update for this meeting

VI. Treasurer's Report – Director Jacobs

President Mills reported the bank balance was \$10,156.90.

VII. California Special Districts Association (CSDA) Report – Director Schaefer or Chris Palmer

No report for this meeting

VIII. LAFCO Report – Director Fisler

Director Fisler reported the next meeting is May 10, 2023, at 8:15 a.m.

Agenda Items:

- Public Hearing on the Final OC LAFCO Fiscal Year 2023-24 Budget
- Proposed "Area Property Annexation to the City of Brea." Approximately 1.45 acres of unincorporated area to the City of Brea.
- Amendments to the Local Guidelines for Implementing the California Environmental Quality Act (CEQA)
- Legislative Report on the current legislation of LAFCO interest and consider adoption of a position on AB 1637 (require a local agency, as defined, that maintains an internet website for use by the public to ensure that the internet website utilizes a ".gov" top-level domain or a ".ca.gov")
- Consider a three-year Memorandum of Understanding with California State University, Fullerton, for information provided by the Center for Demographic Research (2023-2026).
- The City Selection Committee will meet on May 18, 2023, to select the regular city member seat and the Oath of Office administered at the June 2023 meeting.

IX. ACWA Report – Director Jacobs

President Mills reported the ACWA Spring Conference and Expo is May 9 – 11, 2023, in Monterey, CA

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

Director Scheafer reported

- The OCCOG is back to meeting in person. The April 27, 2023, Board of Directors meeting was an onsite meeting held at the Los Olivos Community Center in Irvine. He noted this meeting center is available and could be considered for future ISDOC meetings.
- Approved an audit firm at the April meeting.
- The Southern California Association of Government (SCAG) Policy Committee selected Mayor Tanya Doby, City of Los Alamitos, as the newest representative to SCAG.
- OCCOG Leadership is City of Mission Viejo Councilmember Wendy Bucknum, who is the new Chair, Orange County Supervisor Don Wagner, who is Vice Chair
- An MOU with the Center for Demographic Research was approved. They received a presentation from CDR Director Deborah S. Diep on the reasonings and procedures the CDR uses.
- March 23, 2023, OCCOG General Assembly met at Nixon Library and Museum. It was well attended, and they are considering holding more meetings there.

XI. Orange County Operational Area Report – Director Monim

There was no report for this meeting.

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

There was no report for this meeting

XIII. Subcommittee Reports

- Programs – Director McVicker
Director McVicker reported on the programs for the June 2023 meeting
 - Program Topic - Priority Legislation with CSDA Deputy General Counsel Advocacy and Public Affairs Kyle Packham providing the presentation.
 - Member District Spotlight is Serrano Water District.
 - Need Associate Member Spotlight

- Membership – Director Mesmer

Director Mesmer reported he is in the process of sending out invitations to potential associate members.

- Legislative – Trustee Nelson.

Trustee Nelson reported:

- AB 1637 – Local government: internet websites and email addresses (.ca.gov or .gov). This bill would be costly to local agencies and districts.
- California Air Resources Board (CARB) – Zero-Emission Vehicle (ZEV) Regulation requires all districts and municipalities to meet 50% of medium and heavy-size local government vehicles

must be ZEV by 2024 and 100% by 2027. He noted fleet conversions would be extremely expensive. Requests are being submitted to extend the timelines.

- SB 34 (Senators Min and Newman) addresses the disposition of leased land determined to be surplus by a local agency. This legislation requires local agencies to provide notice to the Department of Housing and Community Development, and the local agency could be told what they can or not do with their surplus property.

XIV. Adjourn:

President Mills thanked the attendees and staff for their participation and assistance. The meeting was adjourned at 8:31 a.m.

The next ISDOC Quarterly Meeting is June 22, 2023, at 11:30 a.m. via Zoom.

The next ISDOC Executive Committee meeting is scheduled for Tuesday, June 6, 2023, at 7:30 a.m. via Zoom.

Signed: 
Greg Mills, ISDOC President



Water Advisory Committee of Orange County (WACO) Meeting

Friday, June 2, 2023

7:30 a.m. – 9:00 a.m.

Virtual:

[https://us06web.zoom.us/meeting/register/tZlscO6tpj8tGNNGNyL1mZi1ddVt-tQ-Kdih8#/registration](https://us06web.zoom.us/join/zoom-join?from=addon&url=https://us06web.zoom.us/join/zoom-join?from=addon&url=https://us06web.zoom.us/meeting/register/tZlscO6tpj8tGNNGNyL1mZi1ddVt-tQ-Kdih8#/registration)

or

In Person:

OCWD/MWDOC Board Room

18700 Ward Street, Fountain Valley, CA 92708

Officers

Chair

Hon. Mark Monin

El Toro Water District

Vice Chair

Hon. Greg Mills

Serrano Water District

Staff Contacts

Medha Paliwal / Dani Berch

Orange County Water District (OCWD)

(714) 378-3200

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

Heather Baez / Christina Hernandez

Municipal Water District of Orange County

(MWDOC)

(714) 963-3058

www.mwdoc.com/waco

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Municipal Water District of OrangeCounty

AGENDA

1. Welcome, Pledge of Allegiance, & Announcements

- Mark Monin, El Toro Water District

2. Reports

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

3. Program

“The Role of Beavers in California's Watersheds”

Dr. Emily Fairfax, Assistant Professor
California State University Channel Islands
Environmental Science and Resource Management

4. Adjourn

Next WACO Meeting

Friday, July 7, 2023 at 7:30 a.m.

Next WACO Planning Committee Meeting

Tuesday, June 20, 2023 at 7:30 a.m. via Zoom

DATES TO REMEMBER

JUNE/JULY 2023

1. Jun 22 – 9:00 a.m. – MET Water Meeting
2. Jun 22 – 11:30 a.m. – ISDOC Quarterly Meeting
3. Jun 22 – 5:30 p.m. – MWDOC Water Policy Forum Dinner (Westin Costa Mesa)
4. Jun 23 – 12 noon – Pres/VP/GM Meeting
5. Jun 28 – 10:00 a.m. – ETWD/MNWD Ad-Hoc Meeting (MNWD)
6. Jun 29 – 8:00 a.m. – ACWA Region 10 Meeting & Tour (Oceanside)
7. Jun 30 – DISTRICT OFFICE CLOSED
8. July 4 – INDEPENDENCE DAY – DISTRICT OFFICE CLOSED
9. July 5 – 10:00 a.m. – RRC Meeting
10. July 6 – 8:30 a.m. – SOCWA Board Meeting
11. July 7 – 7:30 a.m. – WACO Meeting
12. July 11 – 7:30 a.m. – ISDOC Executive Committee Meeting
13. July 12 – 8:15 a.m. – LAFCO
14. July 12 – 5:30 p.m. – ETWD Community Meeting
15. July 13 – 8:30 a.m. – SOCWA Engineering Committee Meeting
16. July 14 – DISTRICT OFFICE CLOSED
17. July 17 – 11:00 a.m. – Agenda Review Meeting
18. July 18 – 7:30 a.m. – WACO Planning Committee Meeting
19. July 18 – 10:30 a.m. – SOCWA Finance Committee Meeting
20. July 19 – 7:00 p.m. – ETWD Community Meeting
21. July 21 – 12 noon – Pres/VP/GM Meeting
22. July 24 – 7:30 a.m. – Regular Engineering/Finance Committee Meetings
23. July 27 – 12 noon – South County Agencies Group Meeting (ETWD)

24. July 27 – **7:00 p.m.** – Regular Board Meeting/**Public Hearing**

25. July 28 – 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 known as the Open Meeting requirements.

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

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

CEQA: California Environmental Quality Act.

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

CFS: Cubic feet per second.

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

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

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

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

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

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

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

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

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

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

Crisis:

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

CTP Coastal Treatment Plant

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

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

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

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

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

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

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

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

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

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

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

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

Disinfection: Water treatment which destroys potentially harmful bacteria.

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

Drought: A prolonged period of below-average precipitation.

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

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

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

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

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

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

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

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

Estuary: Where fresh water meets salt water.

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

FCH Federal Clearing House – Environmental Review/Processing

FEMA Federal Emergency Management Agency

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

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

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

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

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

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

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

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

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

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

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

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

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

GPM: Gallons per minute.

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

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

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

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

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

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

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

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

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

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

MAF: Million acre feet.

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

MET: Metropolitan Water District of Southern California.

MGD: Million gallons per day.

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

Microorganism: An animal or plant of microscopic size.

MWD: Metropolitan Water District of Southern California.

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

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

NPDES National Pollution Discharge Elimination System

OCBC: Orange County Business Council.

OCEMA Orange County Environmental Management Agency

OCWD: Orange County Water District.

Opportunity:

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

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

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

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

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

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

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

Potable water: Suitable and safe for drinking.

PPB: Parts per billion.

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

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

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

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

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

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

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

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

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

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

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

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

RFP Request for Proposal

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

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

R-O-W Right-of-way

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

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

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

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

SAFRA Santa Ana River Flood Protection Agency

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

SAWPA: Santa Ana Watershed Project Authority.

SCADA Supervisory Control and Data Acquisition

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

SCH State Clearing House – Environmental Review/Processing

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

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

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

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

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

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

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

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

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

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

SJBA San Juan Basin Authority

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

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

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

SRF State Revolving Fund

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

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

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

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

SWRCB State Water Resources Control Board

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

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

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

TMA: Too many acronyms.

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

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

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

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

VE Value Engineering

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

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

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

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

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

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

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

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

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

Water table: The top level of water stored underground.

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

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

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

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

Xeriscape: Landscaping that requires minimal water.