

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

December 18, 2025  
7:30 a.m.

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

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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/87325791630> (Meeting ID: 873 2579 1630).

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 Gaskins**

**PLEDGE OF ALLEGIANCE – Director McClean**

**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 Scott Hopkins, Operations Superintendent, for 5 years of service.

Mr. Cafferty will recognize and congratulate Vicki Tanious, Senior Accountant/Payroll, for 10 years of service.

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 November 25, 2025 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. **Administrative Code Update - Section 2090 – Committees of the Board**  
(Reference Material Included)

Staff will review and comment on updates to Section 2090 of the District Administrative Code regarding Committees of the Board.

**Recommended Action:** Staff recommend that the Board approve the amendments to Section 2090 of the El Toro Water District Administrative Code.

6. **Resolution No. 25-12-1 Revised Board and Committee Meetings Schedule for the 2026 Calendar Year** (Reference Material Included)

Staff will review and comment on Resolution No. 25-12-1 which adopts the revised District's schedule of Board and Committee meetings for the 2026 calendar year.

**Recommended Action:** The Board of Directors will consider adopting Resolution No. 25-12-1, which adopts the revised District's schedule of Board and Committee meetings for the 2026 calendar year.

RESOLUTION NO. 25-12-1

RESOLUTION OF THE BOARD OF DIRECTORS  
OF THE ELTORO WATER DISTRICT  
ESTABLISHING DATE, TIME, AND PLACE OF  
REGULAR BOARD MEETINGS,  
BOARD ENGINEERING AND FINANCE & INSURANCE COMMITTEE  
MEETINGS AND STANDING ADVISORY COMMITTEE MEETINGS  
OF THE BOARD OF DIRECTORS  
FOR CALENDAR YEAR 2026

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

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

9. **Water Loss Audit** (Reference Material Included)

Staff will provide a presentation describing the requirements, terminology and results of the annual Water Loss Audit.

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 – December 11, 2025

b. SOCWA Finance Committee Meeting – December 16, 2025 - Cancelled

c. SOCWA Engineering Committee Meeting – December 18, 2025 – Cancelled

12. **Santiago Aqueduct Commission Quarterly Meeting**  
(Reference Material Included)  
  
Report on the December 11, 2025 SAC Quarterly Meeting
13. **Municipal Water District of Orange County (MWDOC) Report**  
(Reference Material Included)
  - a. MWDOC Planning/Operations Meeting – December 1, 2025
  - b. MWDOC Admin/Finance Meeting – December 10, 2025
  - c. MWDOC Board Meeting – December 11, 2025
14. **South Orange County Agencies Group Meeting**  
  
Report on the November 25, 2025 SOCAG meeting.
15. **Local Agency Formation Commission Report** (Reference Material Included)  
  
Report on the December 10, 2025 LAFCO meeting - Cancelled
16. **ISDOC Meetings Report** (Reference Material Included)  
  
Report on the December 9, 2025 ISDOC Executive Committee meeting.
17. **WACO Meeting Report** (Reference Material Included)  
  
Report on the December 12, 2025 WACO Meeting

## **ELECTION OF OFFICERS**

18. **ELECTION OF OFFICERS** (Oral)
  - a. **Office of President**

Section V-4 of the Bylaws and Section 3030 of the Administrative Code of the El Toro Water District provides that the office of Vice President shall automatically succeed to the office of President when the office of President or the current President's term of office has expired. Vice President Freshley will therefore succeed to the office of President on January 1, 2026. The term of office of the President shall be for one year.

**b. Election of Vice President**

Section V-5 of the Bylaws and Section 3040 of the Administrative Code of the El Toro Water District provides that the Board shall elect a Vice President at the Board’s organizational meeting in December of each year. At this time the Board members will accept nominations for the office of Vice President of the El Toro Water District and the Board of Directors thereof. The term of office of the Vice President shall be for one year and shall commence on January 1, 2026.

**Recommended Action:** The Board will elect a Vice President for the Board of Directors of the El Toro Water District to serve for one year.

**c. Ratification of Existing Officer Appointments**

Section V-6 of the Bylaws and Section 3050 of the Administrative Code of the El Toro Water District provides the Board of Directors the authority to appoint officers for the offices of Secretary and Assistant Secretary. Section V-7 of the Bylaws and Section 3060 of the Administrative Code of the El Toro Water District provides the Board of Directors the authority to appoint an officer for the office of Treasurer. The existing appointments are:

Secretary – Dennis Cafferty  
Assistant Secretary – Judy Cimorell  
Treasurer – Vishav Sharma

**Recommended Action:** Staff recommend that the Board ratify the existing appointments for the offices of Secretary, Assistant Secretary and Treasurer.

**COMMITTEE AND GENERAL INFORMATION**

19. **Dates to Remember for December 2025/January 2026**  
(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 – Anticipated Litigation.

## **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, Marisol Melendez 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: Marisol Melendez.*

MINUTES OF THE REGULAR MEETING OF THE  
BOARD OF DIRECTORS OF THE  
EL TORO WATER DISTRICT

November 25, 2025

President Gaskins called the meeting of the Board of Directors of the EL TORO WATER DISTRICT to order at 7:30 a.m.

Director Havens led the Pledge of Allegiance to the flag.

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

Also participating were DENNIS P. CAFFERTY, General Manager, GILBERT J. GRANITO, General Counsel, VISHAV SHARMA, CFO, HANNAH FORD, Director of Engineering, JUDY CIMORELL, Director of Human Resources, JAKE KNOKE Maintenance Worker III, ED MEANS, Means Consulting LLC, RANDALL CRANE, MWDOC, and MARISOL MELENDEZ, Recording Secretary.

Determination of a Quorum

Five Board members were 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 Gaskins 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 Jake Knoke, Maintenance Worker III, for 10 years of service with the District.

Mr. Knoke left the meeting at approximately 7:36 a.m.

Consent Calendar

President Gaskins asked for a Motion.

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

Roll Call Vote:

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

Directors Reports for Meetings Attended

Director McClean stated that he attended the District’s Engineering and Finance meeting, the District’s regular Board meeting, the CSDA Leadership Conference, the ACWA Region 10 Event, the Laguna Hills Chamber of Commerce event, the Hoover Dam MET Inspection Tour, the ISDOC meeting, and the MWDOC P&O meeting,

Director Havens stated that she attended the MWDOC P&O meeting, the MWDOC/Met Directors Workshop, the MWDOC Board meeting, the Laguna Hills Chamber of Commerce event, the MET Inspection Tour, the District’s Engineering and Finance meeting, and the District’s regular Board meeting.

Vice President Freshley stated that she attended both ETWD’s regular Board meetings, the RRC meeting, the SOCWA Finance Committee meeting, the Agenda

Review meeting, the Laguna Woods City Council meeting, the WACO meeting, the ACWA Region 10 meeting, the MWDOC P&O meeting, the MWDOC/Met Directors Workshop, the MWDOC Board meeting, the LAFCO meeting, will be attending the SOCAG meeting, and the President/VP/GM meeting.

Director Monin stated that he attended the District's Board meeting, the District's Engineering and Finance meeting, the MWDOC P&O meeting, the MWDOC/Met Directors Workshop, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the CAG meeting, the WACO meeting, the WACO Planning meeting, the ISDOC meeting, the Laguna Hills Chamber of Commerce event, and the OCWA luncheon.

President Gaskins stated that he attended the MWDOC P&O meeting, the RRC meeting, the MWDOC/Met Directors Workshop, the SOCWA Board meeting, the WACO meeting, the Agenda Review meeting, the President/VP/GM meeting, the District's Engineering and Finance meeting, the SOCAG meeting, the Laguna Hills Chamber of Commerce event, and will be attending the ACWA JPIA meeting on Sunday.

#### General Manager Action Items

#### Strategic Plan 2026-2030

Mr. Cafferty stated that the updated plan incorporates extensive input from the Board, management staff, and all employees. Mr. Means has produced a final document, which will serve as a guide for the next five years. Staff will make two final corrections; updating the spelling of Vice President Freshley's name and revising the Board photo to remove the empty chairs.

President Gaskins asked for a Motion.

Motion: Director Havens made a Motion, seconded by Director Monin to approve and adopt the Strategic Plan 2026-2030.

Roll Call Vote:

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

Administrative Code Update – Identity Theft Prevention Program

Mr. Cafferty stated that the program requires annual review and that several staff members contributed input to ensure the information is current and the program remains effective.

President Gaskins asked for a Motion.

Motion: Director Monin made a Motion, seconded by Vice President Freshley to approve the amendments to Section 9020 of the El Toro Water District Administrative Code.

Roll Call Vote:

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

Mr. Means left the meeting at approximately 7:49 a.m.

Resolution No. 25-11-1 Board and Committee Meetings Schedule for the 2026

Calendar Year

Mr. Cafferty reported recent changes to the Brown Act and noted that Legal Counsel is assessing their impact, particularly regarding requirements for providing remote public access to meetings. The District already offers remote access for

Engineering/Finance and Regular Board meetings, but has not historically done so for standing committee meetings. Legal Counsel’s preliminary view is that Agenda Review and RRC meetings should also be made remotely accessible, which can be implemented easily. However, providing remote access for Community Advisory Group (CAG) meetings would be challenging. Since CAG does not actually function as a formal standing committee, it will be removed from the list of standing advisory committee meetings. Board members will still be eligible for compensation for attending CAG meetings.

Director Monin asked about the feasibility of offering remote access for CAG meetings to increase public participation. Mr. Cafferty responded that staff will look into potential remote options.

President Gaskins asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Havens to adopt Resolution No. 25-11-1, which adopts the District’s schedule of Board and Committee meetings for the 2026 calendar year.

Roll Call Vote:

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

General Manager Information Items

General Manager’s Monthly Report

Mr. Cafferty reported that the first-quarter Director travel expense report will be distributed next week and these updated reports will be sent out quarterly. The report will list registration fees and travel expenses separately.

Director Monin asked about the decrease in customer activity inquiries compared to last year. Mr. Cafferty explained that the change is due to the transition to the new billing system.

Mr. Cafferty noted that billing and finance staff are currently documenting uncollectable account data.

#### Legislative Reports

Mr. Cafferty noted that MWDOC recently renewed its contracts for federal and state legislative support and will be entering into a new contract with its state firm.

#### Public Education and Outreach Report

Vice President Freshley asked about the results of the updated turf removal rebate inspection measurement training. Mr. Chu explained that Metropolitan has instituted a new measuring requirement for turf removal across its entire service area, which mandates the use of the new device. Metropolitan requested that District staff provide training for their staff and consulting team since the District is currently the only member agency already using this device.

#### Water Use Efficiency Report

Mr. Chu reported that total potable water consumption increased by 0.01% in October 2025 compared to October 2024. However, year-to-date potable water consumption has decreased 2.13% compared to last year. He also noted that the District completed the Water Loss and Urban Water Use Objective report and is meeting standards on a preliminary basis.

#### SOCWA Reports

Vice President Freshley reported that the Finance Committee agreed that public notices and public relation expenses should be separated, with monetary

donations for public relations made optional. This matter will be discussed as a policy at the next SOCWA Board meeting.

Ms. Ford reported that a feasibility study to evaluate improvements to the regional lab was discussed. While no consensus has been reached, multiple options are being considered.

#### MWDOC

Mr. Cafferty confirmed that MWDOC has renewed its federal contract with Natural Resource Results and that the new state lobbyist firm is Westcoast Advisors.

#### LAFCO

Vice President Freshley reported that the commission discussed feedback from agencies involved in recent MSRs and also addressed the counties that have withdrawn from CALAFCO.

#### ISDOC

Director Monin reported that the committee discussed membership dues and the possibility of a Form 700 workshop.

#### WACO

Director Monin reported the that the guest speaker at the meeting was an advisor from Community Water System Alliance.

#### COMMITTEE AND GENERAL INFORMATION

##### Dates to Remember for October/November

There were no comments.

##### Comments Regarding Non-Agenda Items

There were no comments.

### Attorney Report

Mr. Granito reported that ACWA and CASA Attorney Groups are addressing the challenges local public agencies have faced when defending their rates fees and charges in Prop 218 litigation. The idea is to pursue legislation that develops a formal assignment process which in some form, assigns such litigation to designated Superior Court Judges. All for the hopeful purpose of developing consistency in Prop 218 decisions.

Mr. Granito then reported that there is a need for a Closed Session today to address Item No. 2 on today's Closed Session Agenda.

### Closed Session

At approximately 8:44 a.m., everyone left the open session except the Board members and General Counsel. Thereafter, Mr. Cafferty and Ms. Cimorell participated in different phases of the Closed Session.

### Regular Session

At approximately 9:31 a.m., the Board returned to Regular Session. Also, at this time, Mr. Cafferty and Ms. Melendez returned to the meeting.

### Open Session Report

Mr. Granito reported that the Board went into Closed Session to discuss Item No. 2 of today's Closed Session agenda. Mr. Granito further reported that the Board of Directors had made the threshold decision that a compensation increase in some form was in order.

General Manager Compensation

Vice President Freshley led a discussion to grant the District's General Manager at least a 5% base salary increase and a superior performance award ranging between 10-15%.

President Gaskins asked for a Motion.

Vice President Freshley made a Motion, seconded by Director Havens to grant the District's General Manager, Mr. Cafferty, a 5% base salary increase and a superior performance award on the current base salary of 15%.

Roll Call Vote:

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

Vice President Freshley amended the Motion, seconded by Director McClean to grant the District's General Manager, Mr. Cafferty, a 5% base salary increase and a superior performance award on the current base salary of 15%, effective the first pay period of the year 2026.

Roll Call Vote:

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

Vice President Freshley amended the Motion, seconded by President Gaskins to grant the District's General Manager, Mr. Cafferty, a 5% base salary increase and a superior performance award on the current base salary of 15%, effective on the last pay period of December 2025 (the first pay check in January 2026), in accordance with the existing employment contract.

Roll Call Vote:

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

Adjournment

There being no further business to come before the Board, the meeting was adjourned at approximately 9:44 a.m.

Respectfully submitted,

\_\_\_\_\_  
MARISOL MELENDEZ  
Recording Secretary

APPROVED:

\_\_\_\_\_  
MIKE GASKINS, 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



§2090

**COMMITTEES OF THE BOARD**

**1. PURPOSE**

To facilitate the orderly conduct of business of the El Toro Water District ("District") the Board of Directors ("Directors") shall establish Standing and Ad-Hoc Committees.

**2. STANDING COMMITTEES**

- A. The Board President shall appoint and submit for ratification by the Board, the members of the standing committees for the ensuing year no later than the Board's regular meeting in January.
- B. The Board's standing committees may be assigned to review District functions, activities, and/or operations pertaining to their designated concerns, as specified below. Any recommendations resulting from said review should be submitted to the Board via a written or oral report.
- C. All meetings of standing committees shall conform to all open meeting laws (e.g., "Brown Act"), compensation policies and reimbursement policies that pertain to regular meetings of the Board of Directors.

The following shall be standing committees of the Board:

- 1. Agenda Review Committee;
- 2. Regional Reclamation Committee;
- 3. Engineering Committee;
- 4. Finance/Insurance Committee
- ~~5. Community Advisory Group~~
- ~~6-5.~~ Computer Technology Committee
- ~~7-6.~~ Audit Committee
- ~~8-7.~~ Budget Committee
- ~~9-8.~~ Human Resources Committee
- ~~10-9.~~ Water Quality Committee

**3. STANDING COMMITTEE SCOPE**

A. Agenda Review Committee

The Board's standing Agenda Review Committee shall review and approve agendas for Board meetings.

B. Regional Reclamation Committee (RRC)

The Board's standing Regional Reclamation Committee shall be primarily concerned with coordinating Board policies and oversight of the District's participation in the South Orange County Wastewater Authority (SOCWA).

C. Engineering Committee

The Board's standing Engineering Committee shall be primarily concerned with coordinating Board policies and oversight of the District's capital construction and maintenance projects. The Engineering Committee consists of the full Board.

D. Finance/Insurance Committee

The Board's standing Finance/Insurance Committee shall be primarily concerned with coordinating Board policies and oversight of the District's financial operations and insurance programs. The Finance/Insurance Committee consists of the Full Board.

~~E. Community Advisory Group (CAG)~~

~~The Board's standing Community Advisory Group shall be primarily concerned with establishing and maintaining open and effective communication with the District's customers through specified representatives of the financial, business and residential sections of the District's Community.~~

~~F.E.~~ Computer Technology

The Board's standing Computer Technology Committee shall be primarily concerned with maintaining the District's computer information technology systems.

G. Audit Committee

The Board's standing Audit Committee shall be primarily concerned with reviewing the Auditor's recommendations and/or reports.

H. Budget Committee

The Board's standing Budget Committee shall be primarily concerned with preparing a draft budget for the fiscal year.

I. Human Resources Committee

The Board's standing Human Resources Committee shall be primarily concerned with personnel matters associated with District staff.

J. Water Quality Committee

The Board's standing Water Quality Committee shall be primarily concerned with issues pertaining to the quality and safety of the drinking water distributed by the District.

#### 4. **AD-HOC COMMITTEE SCOPE**

- A. The Board President shall appoint ad hoc committees as may be deemed necessary or advisable by himself/herself and/or the Board. The duties of the ad hoc committees shall be outlined at the time of appointment, and the committee shall be considered dissolved when its final report has been made.
  
- B. The ad-hoc committee(s) shall address special and specific issues and consist of no more than two (2) members of the Board for a limited duration and jurisdiction.

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R 97-5-2 05/22/97; R 97-6-3 06/19/97; R 98-2-2 02/19/98; R 99-7-2 07/15/99; R 00-3-16 03/16/00;  
R 03-4-2 04/24/03; R 06-2-1 02/23/06; R 07-2-1 02/22/07; R 15-1-1 01/22/15; R 24-1-2 01/25/24;  
12/18/25



**RESOLUTION NO. 25-12-1**

**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 2026**

RESOLVED, that the Regular 2026 Board meetings and Board/Engineering & Finance/Insurance Committee meetings of the Board of Directors of the El Toro Water District shall be held at the Administrative Offices of the El Toro Water District located at 24251 Los Alisos Boulevard, Lake Forest, California as set forth in Exhibit "A" to this Resolution unless otherwise changed by this Board by appropriate Resolution.

RESOLVED FURTHER, that in 2026, the Standing Advisory Committees set forth in Exhibit "B" shall be held on the dates/times in Exhibit "B" to this Resolution, unless otherwise changed from time to time by the Chairman of the Committee.

ADOPTED, SIGNED AND APPROVED, this 18<sup>th</sup> day of December 2025.

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MIKE GASKINS, President  
El Toro Water District and of the  
Board of Directors thereof

ATTEST:

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

**Exhibit "A" to Resolution No. 25-12-1**

**ETWD SCHEDULED MEETINGS 2026**

**EFFECTIVE JANUARY 1, 2026**

**REGULAR BOARD MEETINGS**

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

**Board Meetings**

1.	January 19, Monday	7:30 a.m.	January 22, Thursday	7:30 a.m.
2.	February 23, Monday	7:30 a.m.	February 26, Thursday	7:30 a.m.
3.	March 23, Monday	7:30 a.m.	March 26, Thursday	7:30 a.m.
4.	April 20, Monday	7:30 a.m.	April 23, Thursday	7:30 a.m.
5.	May 26, Tuesday*	7:30 a.m.	May 28, Thursday	7:30 a.m.
6.	June 22, Monday	7:30 a.m.	June 25, Thursday	7:30 a.m.
7.	July 20, Monday	7:30 a.m.	July 23, Thursday	7:30 a.m.
8.	August 24, Monday	7:30 a.m.	August 27, Thursday	7:30 a.m.
9.	September 21, Monday	7:30 a.m.	September 24, Thursday	7:30 a.m.
10.	October 19, Monday	7:30 a.m.	October 22, Thursday	7:30 a.m.
11.	November 23, Monday	7:30 a.m.	November 24, Tuesday**	7:30 a.m.
12.	December 14, Monday***	7:30 a.m.	December 17, Thursday***	7:30 a.m.

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

\* Meeting date change due to Memorial Day Holiday.

\*\* Meeting date change due to Thanksgiving Holiday.

\*\*\* Meeting date change due to Christmas Holiday.

**COMMUNITY ADVISORY GROUP MEETINGS**

1.	February 12, Thursday	11:30 a.m.
2.	May 14, Thursday	11:30 a.m.
3.	August 13, Thursday	11:30 a.m.
4.	November 12, Thursday	11:30 a.m.

**Exhibit “B” to Resolution No. 25-12-1**

**ETWD SCHEDULED MEETINGS 2026**

**EFFECTIVE JANUARY 1, 2026**

**STANDING ADVISORY COMMITTEES**

**AGENDA REVIEW MEETINGS** (10:00 a.m.)

1. January 12, Monday
2. February 17, Tuesday\*
3. March 16, Monday
4. April 13, Monday
5. May, 18 Monday
6. June 15, Monday
7. July 13, Monday
8. August 17, Monday
9. September 14, Monday
10. October 12, Monday
11. November 16, Monday
12. December 7, Monday

\*Meeting moved to Tuesday due to Presidents Day Holiday.

**REGIONAL RECLAMATION COMMITTEE MEETINGS**

- |                           |            |
|---------------------------|------------|
| 1. January 6, Tuesday     | 10:00 a.m. |
| 2. February 3, Tuesday    | 10:00 a.m. |
| 3. March 3, Tuesday       | 8:30 a.m.  |
| 4. March 31, Tuesday      | 10:00 a.m. |
| 5. May 12, Tuesday        | 10:00 a.m. |
| 6. June 2, Tuesday        | 10:00 a.m. |
| 7. July 7, Tuesday        | 10:00 a.m. |
| 8. August 11, Tuesday     | 10:00 a.m. |
| 9. September 1, Tuesday   | 10:00 a.m. |
| 10. September 29, Tuesday | 10:00 a.m. |
| 11. November 3, Tuesday   | 10:00 a.m. |
| 12. December 8, Tuesday   | 10:00 a.m. |

# GENERAL MANAGER'S REPORT

December 2025

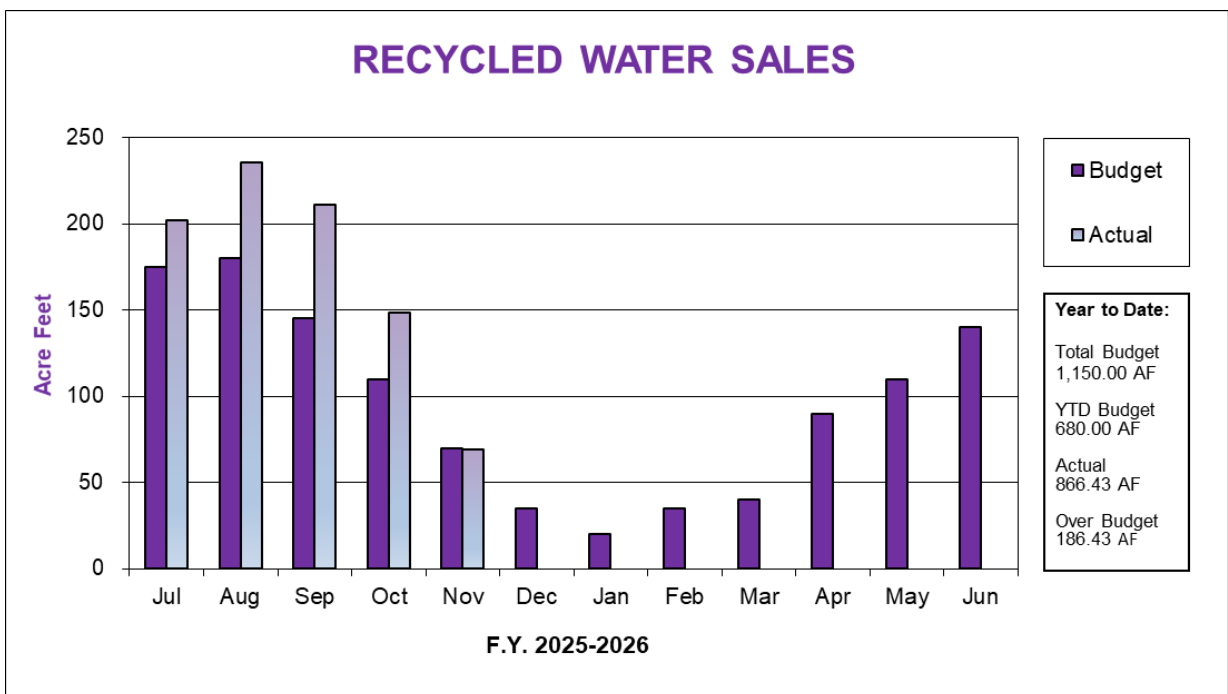
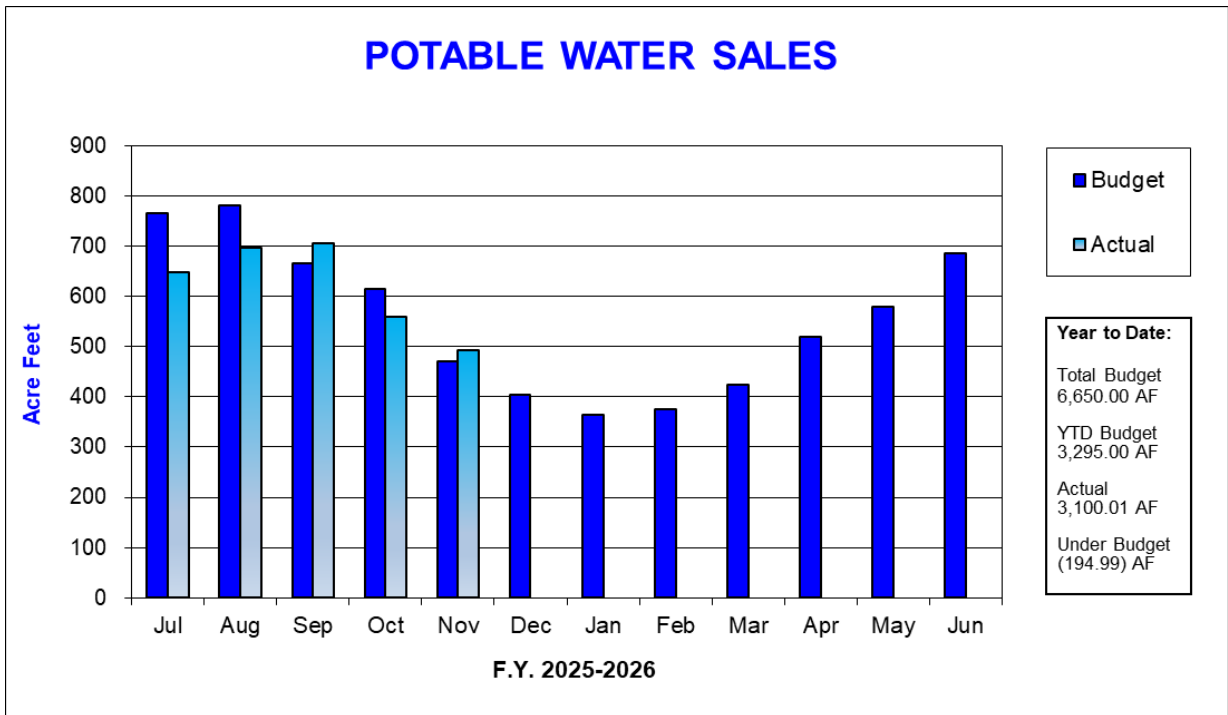
## I. OFFICE OF THE GENERAL MANAGER

- MWDOC P&O Committee Meeting
- MWDOC A&F Committee Meeting
- United Board Meeting – Aliso Creek Lift Station Presentation
- SOCWA Managers Meeting
- SOCWA Board Meeting
- South Orange County Agencies Group Meeting
- Meetings with Empower
- Meeting with CPA Regarding Energy Projects
- Meetings with TerraVerde Regarding Energy Projects
- Meeting with Holt Renewables Regarding Energy Projects
- Meeting with Hanson Bridgett (Special Counsel) Regarding Energy Projects
- ACWA Conference
- Speaker on ACWA Conference Panel
- Emergency Response Plan Update Kickoff Meeting
- ETWD RRC Meeting
- ETWD Agenda Review Meeting
- ETWD Regular Engineering & Finance Committee Meetings
- ETWD Regular Board Meeting

## II. DOMESTIC AND RECYCLED WATER SALES

Actual domestic sales for the year-to-date as of November 30, 2025, are 3,100.01 acre-feet. This compares to year-to-date budgeted domestic sales of 3,295.00 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 194.99 acre-feet. Actual sales are 149.40 acre-feet lower than last year-to-date actual sales for the same period.

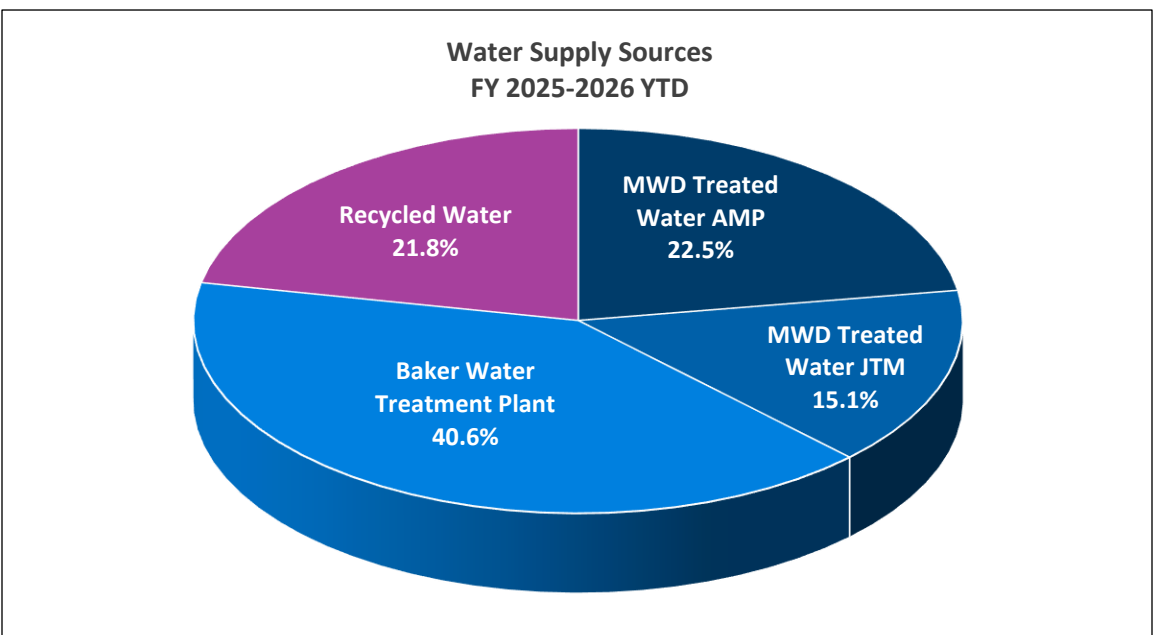
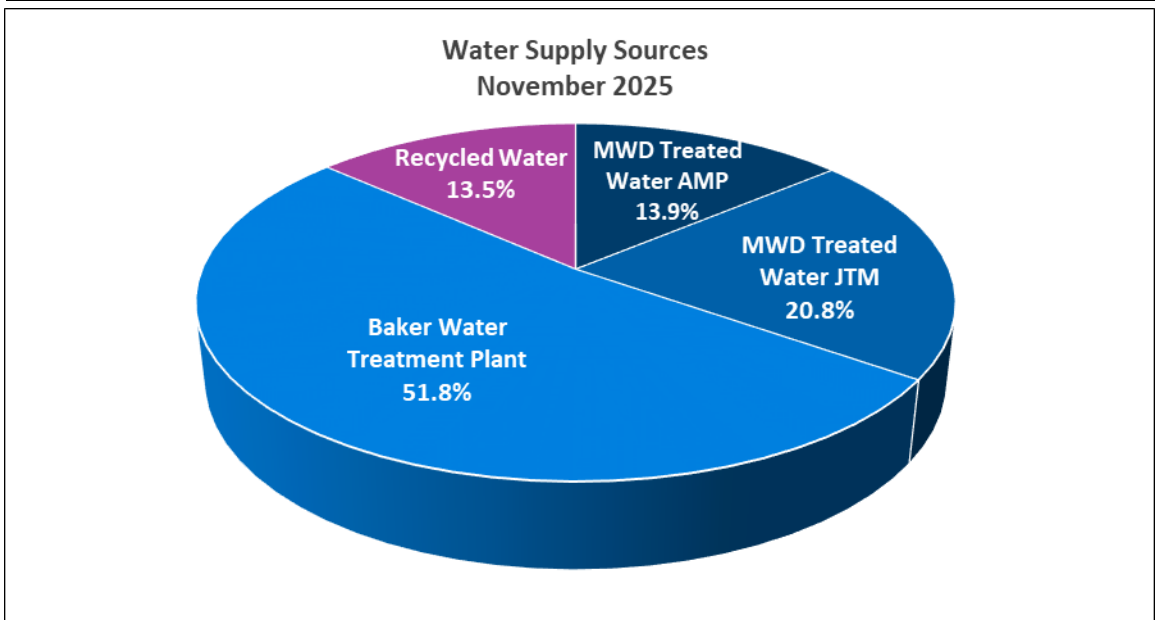
Actual recycled sales for the year-to-date as of November 30, 2025, are 866.43 acre-feet. This compares to year-to-date budgeted recycled sales of 680.00 acre-feet. The year-to-date variation in actual to budgeted sales reflects an increase of 186.43 acre-feet. Actual sales are 21.95 acre-feet lower than last year-to-date actual sales for the same period.



### III. WATER SUPPLY SOURCES

The charts below provide a summary of water supply sources for the month and fiscal year to date (FY 2025-2026). They illustrate the relative contribution of each supply source, including imported treated water from Metropolitan Water District (MWD) via the AMP and JTM connections, local production from the Baker Water Treatment Plant, interconnections with neighboring agencies, and recycled water. These charts help track supply trends and support planning and operational decisions.

Water Supply Sources (AF)				
	November 2025		FY 2025-2026 YTD	
MWD Treated Water AMP	71.6	13.9%	892.0	22.5%
MWD Treated Water JTM	106.8	20.8%	597.4	15.1%
Interconnections	0.0	0.0%	0.0	0.0%
Baker Water Treatment Plant	266.4	51.8%	1,610.3	40.6%
Recycled Water	69.2	13.5%	866.4	21.8%
<b>TOTAL</b>	<b>514.0</b>	<b>100.0%</b>	<b>3,966.1</b>	<b>100.0%</b>



**Customer Service Activity Report**

Regular Service Calls	NOV 2025	NOV 2024	Telephone Calls	NOV 2025	NOV 2024
Serviceman Dispatched to Read, Connect/Disconnect Service	77	45	Change of Service: Connections and Disconnections	76	46
<b>Field Investigations:</b>			Billing / Payments & Graph Inquires	167	253
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	11	16
Customer Responsible	15	18	Variance / Adjustment Inquiries	10	14
District Responsible	2	3	Variance / Adjustment Requests Processed	15	11
None found/other	8	13	Ordinance Infraction / Water Waste Complaints	0	0
High Reads Checked - High Consumption (Billing Dept.)			Outside Utility Districts	37	30
Cust Leaks: 12 No Leaks: 21	33	25	Phone calls Transfer to other Departments within ETWD	36	28
Check Stopped Slowed Meters-Low Consumption (Billing)	1	13	Phone calls for the Board of Directors	1	0
Re-Check Read	14	10	Recycled Water	0	0
Ordinance Infraction	0	0	Water Quality Taste - Odor - Color	2	1
Recycled Water	0	0	Leaks / Breaks	18	14
Water Quality: Taste / Odor / Color	1	1	Construction Meter calls (Hydrant)	0	0
Phone response: 1 Field response: 0	0	0	Sewer Problems (odor / spills)	2	1
Construction (Hydrant) Meters issued	1	0	Backflow / Cross Connection (questions or yearly testing forms)	0	0
Sewer - Odor/Stoppage/ Manhole Covers	0	1	ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	0	0
Meter Box: 0 Lids: 5 / Covers Replaced: 7	12	20	Tyco (ADT) Calls (Alarms to ETWD facilities)	1	0
Meter Box Clean, Digout	1	7	ATT Calls (access to tower sites)	1	0
Raised Meter Box	0	2	SCE Calls (access to tower sites)	0	0
Trim Bushes / Meter Obstruction	6	5	Pager Calls specifically for Pump Stations - SCADA	0	2
General Maintenance Response	0	4	Payment Extensions	32	8
Fire Hydrants: Hit / Leaks / Caps	0	1	Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)	0	0
Pressure(psi) Checks / Reads	1	0	Return Calls from customers left on our voice mail system. Ext 500	2	9
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	10	6	Email Correspondence:	24	47
AMS angle-meter-stop replace/repair	0	0	Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	12	5
Bees Removed	2	1	Misc. (other: employment, deliveries, sales calls)	15	5
Backflow / Cross Connection	1	0	Payment Processing Fee Complaints	0	0
Fogged Registers	14	62	Customers Complaints non bill related.	0	0
OMCOP: Old Meter Change - Out Program	4	2	Billing Disputes	0	0
Other: (uncommon non-maintenance calls)	2	6	<b>Total Telephone Calls</b>	<b>447</b>	<b>490</b>
On-Call After Hrs. CS Response	18	28			
# Posting Notice & 24 Hr. Door Hangers Hung	97	0			
#Shut Offs/Disconnect for Non-Payment (DNP)	15	0			
Removed Meter	0	0			
New Meter	2	1			
Unread Meters	15	1			
<b>Total Field Investigations</b>	<b>352</b>	<b>275</b>			
<b>Uncollectible Accounts:</b>			<b>Credit Card Payments</b>	<b>NOV 2025</b>	<b>NOV 2024</b>
<b>Budget YTD</b>	<b>\$ 8,125.00</b>	<b>\$ 8,125.00</b>	<b>REGULAR</b>	<b>1,977</b>	<b>\$388,604.81</b>
<b>Actual YTD</b>	<b>\$ -</b>	<b>\$ (247.00)</b>		<b>1,828</b>	<b>\$399,597.06</b>



# The Metropolitan Water District of Southern California

## Water Supply Conditions Report - <https://www.mwdh2o.com/WSCR>

Questions? Reach out via the form: <https://forms.office.com/g/Gj3aReAuCm>

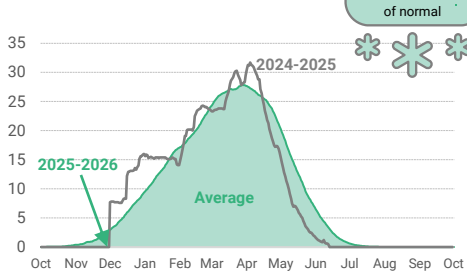
Water Year 2025-2026

As of: 12/08/2025

### State Water Project

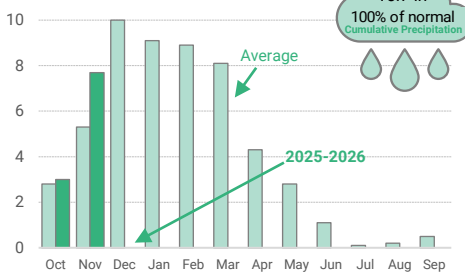
#### Northern Sierra Snow

Water Content values in inches



#### 8 Station Index Precipitation

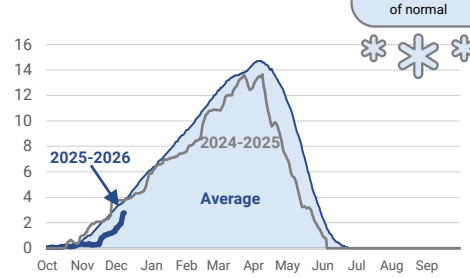
Values in inches



### Colorado River

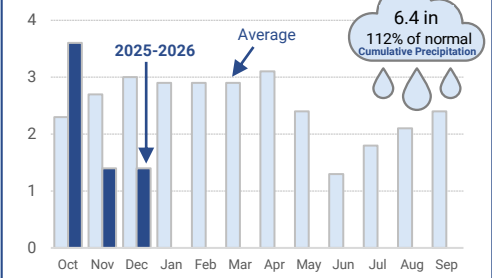
#### Colorado River Basin Snow

Water Content values in inches



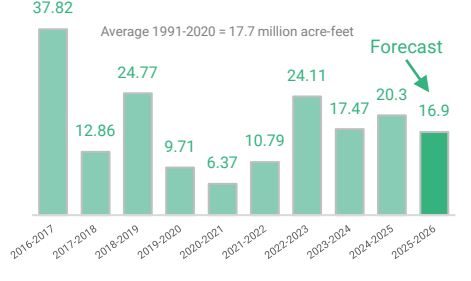
#### Colorado River Basin Precipitation

Values in inches



#### Sacramento River Runoff

Values in million acre-feet



#### 2026 State Water Project Allocation

# 10%

Initial Allocation (December 1, 2025)

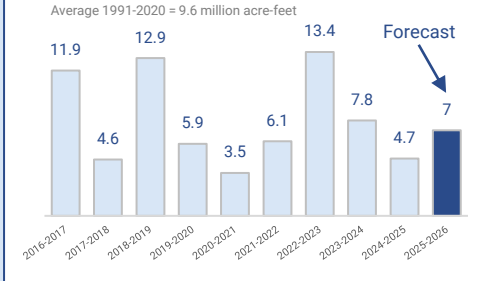
#### Lake Mead Chance of Operating Condition

	2026	2027*	2028*	2029*
Surplus (above 1,145 ft)	0%	0%	0%	0%
Normal Year (between 1,075 and 1,145 ft)	0%	7%	3%	10%
Shortage	1st Level (between 1,050 and 1,075 ft)	100%	50%	30%
	2nd Level (between 1,025 and 1,050 ft)	0%	40%	53%
	3rd Level (below 1,025 ft)	0%	3%	13%

\* Years beyond 2026 assume continuation of current operating guidelines

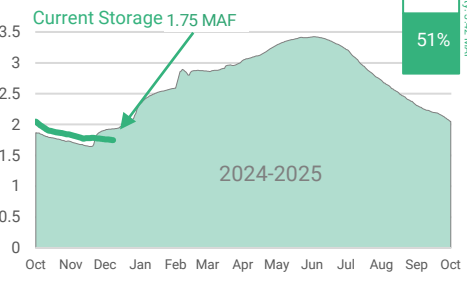
#### Unregulated Inflow into Lake Powell

Values in million acre-feet



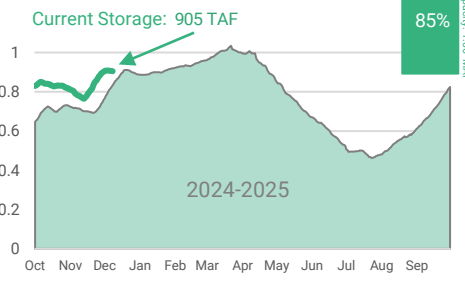
#### Oroville Reservoir Storage

Values in million acre-feet



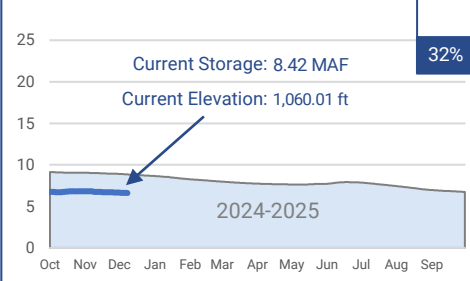
#### San Luis Reservoir SWP Storage

Values in million acre-feet



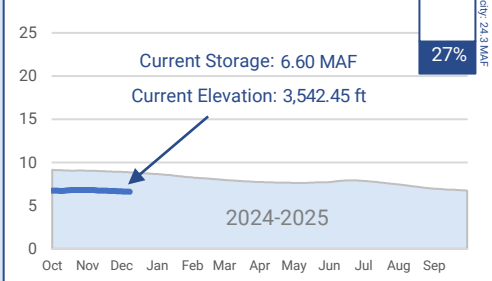
#### Lake Mead Storage

Values in million acre-feet



#### Lake Powell Storage

Values in million acre-feet



## WILL SERVE SUMMARY REPORT November 2025

PROJECT NAME	PROJECT DESCRIPTION	Will Serve Letter Date	PHASE	CFF
The Village at Laguna Hills (Retail Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Forthcoming	Plan Check	Not Yet Calculated
The Village at Laguna Hills (Central Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Forthcoming	Plan Check	Not Yet Calculated
The Village at Laguna Hills (Southern Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Forthcoming	Plan Check	Not Yet Calculated
Parentis Health Sewermain Relocation	Relocating an existing sewermain.	6/26/2025	Plan Check	Not Yet Calculated
Central Utilities Plant 24451 Health Center Drive	Additional domestic and fire services for a medical central utility plant.	12/20/2024	Construction	\$ 21,856
23272 & 23282 Mill Creek	Residential development for 464 dwelling units	Forthcoming	Planning	Not Yet Calculated
23172 Plaza Pointe Dr and 23441 S Pointe Laguna Hills	Residential development of 100 dwelling units	Forthcoming	Planning	Not Yet Calculated
Laguna Woods Shell and Carwash	Removal of a DCDA and installation of a Blow Off Appurtenance	3/20/2025	Construction	\$ -
Casa De Empanada	Conversion of a vacuum repair into a restaurant	5/14/2025	Close-Out	\$ 8,291
23370 Moulton Pkwy Sewer Improvements	Modifications to the sewer lateral	5/8/2025	Construction	\$ -
Texas Roadhouse BBQ	Conversion of El Torito into Texas Roadhouse BBQ	Forthcoming	Planning	Not Yet Calculated
23161 Mill Creek	Residential development for 43 attached condo units	Forthcoming	Plan Check	Not Yet Calculated
OC Vet Animal Hospital	Conversion of an adult day care to a vet clinic	7/7/2025	Construction	\$ 5,493
Burlington Backflow	Addition of a domestic backflow device	10/24/2025	Construction	\$ -
Heritage Market	Converting retail to market with kitchen	Forthcoming	Plan Check	Not Yet Calculated
Pacific Dental Services	Converting retail to a dentistry	Forthcoming	Plan Check	Not Yet Calculated
23182 Alcalde Dr Backflow	Addition of a domestic backflow device	N/A	Plan Check	\$ -
23501 Avenida De La Carlota Bollmart	Converting retail to market with grocery store	Forthcoming	Plan Check	Not Yet Calculated
23456 South Pointe Dr Backflow	Addition of a domestic backflow device	N/A	Plan Check	\$ -



## STAFF REPORT

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**To: Board of Directors**

**Meeting Date: December 18, 2025**

**From: Sherri Seitz, Public Affairs Manager**

**Subject: Public Education and Outreach Report**

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### **Laguna Woods Village Television (LWVT)**

The next LWVT This Day interview will be scheduled in January 2026.

### **ETWD Winter Newsletter**

The ETWD winter newsletter follows this report.

### **Community/Speaking Engagement Events**

#### **Laguna Woods Village United Town Hall Meeting – January 10, 2026**

United Board President Charlie Prater requested that ETWD present the Aliso Creek Lift Station Project presentation from the United Board Meeting to the United community at their next Town Hall meeting on January 10<sup>th</sup>. Hannah will present at the town hall meeting.

#### **Laguna Woods Village United Board Meeting – December 9, 2025**

At the December 9 meeting of the Laguna Woods Village United Board, Hannah provided an overview of the District's planned rehabilitation of the Aliso Creek Lift Station and emphasized the facility's critical role in supporting the Laguna Woods Village community. The Board expressed appreciation for the presentation and acknowledged the importance and necessity of the project.

**Laguna Hills Chamber of Commerce – Car Show & Business Expo – November 22, 2025**

ETWD staff hosted a booth at the Laguna Hills Chamber of Commerce Car Show & Business Expo on Saturday, November 22, 2025. The event took place in the Laguna Hills Mall parking lot.



**Lake Forest Chamber of Commerce – Elf Yourself 5k – November 22, 2025**

ETWD staff hosted a booth and distributed water with the water trailer to attendees at the Lake Forest Chamber of Commerce Elf Yourself 5k on Saturday, November 22, 2025.



Public Education and Outreach Report  
Page 3







# WATER VIEWS

SERVING THE PUBLIC, RESPECTING THE ENVIRONMENT

## CELEBRATE THE HOLIDAYS WITH CLEAN AND CLEAR PIPES

What goes down your drain doesn't simply disappear!



Fats, oils and grease can build up in your pipes and cause messy clogs and sewer backups.

### Avoid FOG Clogs

Preparing a piping hot, home-cooked holiday feast makes the season brighter and is a wonderful way to connect with family and friends on chillier winter days. But the fats, oils and grease, called FOG, from your favorite holiday dishes, including

turkey drippings, cooking oils, gravy and more, can cause big trouble if not disposed of properly.

Keep your holiday celebrations flowing smoothly by disposing of FOG in the trash, not down the drain. This step is essential to protect your plumbing because FOG hardens as it cools, building up inside plumbing and sewer pipes, and potentially leading to clogs and messy sewer backups that can require expensive repairs and damage your home and our community's wastewater system.

### Stress-free Holiday Kitchen Tips

- Scrape food scraps and grease into the trash and wipe oily pots and pans with a paper towel before washing dishes.
- Collect cooled cooking grease and other FOG substances in a container, such as a coffee can or jar, and dispose of it in your green waste container or in the trash if you do not have organic recycling in your area.

### FOG Substances to Keep Out of Your Drain

- Gravy
- Meat drippings
- Cooking oil
- Butter, margarine, shortening and lard
- Mayonnaise



## Wipes Can Wreck Your Pipes

Despite what the label might say, "flushable" wipes aren't truly flushable. They don't break down like toilet paper. Flushing wipes down the toilet can cause massive plumbing issues. Stay plumbing-safe this holiday season – toss wipes in the trash can and only flush the 3 Ps: pee, poop and (toilet) paper.

### What to Flush: The 3 P's



PEE



POOP



PAPER

DON'T FLUSH IT



## EL TORO WATER DISTRICT

24251 Los Alisos Blvd  
Lake Forest, CA 92630

district@etwd.com

(949) 837-7050

etwd.com



# ETWD CELEBRATES WATER AGENCY STAFF DURING CALIFORNIA'S WATER PROFESSIONALS APPRECIATION WEEK

Each October, California celebrates Water Professionals Appreciation Week—a time dedicated to recognizing the critical work of the individuals who ensure our state's water systems run safely and efficiently. This year marks the ninth annual observance, and El Toro Water District (ETWD) is proud to join in honoring the dedicated professionals who protect one of our most vital resources.

## Honoring the People Behind the Water

At ETWD, our success depends on a diverse team of highly trained professionals who work tirelessly to provide safe, reliable, and sustainable water, wastewater, and recycled water services to our community. From field technicians responding to emergencies, to engineers designing system improvements, to customer service representatives assisting residents—each plays a vital role in maintaining the high quality of service our customers expect and deserve.

Our water operators carefully monitor and maintain water quality to meet or exceed state and federal standards. Distribution system operators ensure that clean water reaches homes and businesses every day. Maintenance crews and utility technicians keep pipelines, valves, and pumps operating efficiently. Meanwhile, administrative and customer service staff support operations, manage billing, and communicate with the public to ensure transparency and trust.



## A Team Dedicated to the Community

We are grateful for the commitment and professionalism of our employees, whose expertise ensures that every drop of water is managed responsibly—from collection and treatment to distribution and reuse. Their efforts not only safeguard public health but also support local sustainability and environmental stewardship.

## Explore a Career in Water

As California faces growing challenges related to water supply, conservation, and climate change, the need for skilled water professionals has never been greater. Careers in the water industry are as diverse as they are rewarding, offering opportunities in engineering, operations, information technology, environmental science, finance, and public affairs.

If you're looking for a meaningful career that makes a difference every day, consider a career in water. Together, we can continue to protect and deliver one of our most precious resources—safe, reliable water for generations to come.

# REBATE NEWS FLASH



Laguna Woods Village Commercial Common Area before and after.



## Commercial Customers Can Now Get More Cash for Grass

ETWD commercial customers and HOAs can now receive up to \$7 per square foot\* (on a limited basis) to remove thirsty turf and replace it with water-wise landscaping. The increase in funds will help commercial customers prepare for AB 1572, California’s new legislation that will ban using drinking water to irrigate nonfunctional turf on most commercial and public properties in a phased approach starting in 2027. The new rules do not apply to single-family residential properties.

Applications are due February 28, 2026 and projects must be completed by July 31, 2026. To learn more, contact ETWD Water Resources Supervisor Vu Chu at **(949) 837-7050, ext. 253**, or visit [etwd.com/conservation/ab-1572](http://etwd.com/conservation/ab-1572).

*\*Turf rebates do not apply to designated recycled water sites. If you have already removed your turf, your project is not eligible for this program. Additionally, projects must not be started prior to the receipt and acknowledgment of this Program’s Letter to Proceed.*

## RESIDENTIAL REBATES HOLD STRONG THIS SEASON, PLUS A NEW TREE REBATE



For more information, visit [etwd.com/conservation/rebates](http://etwd.com/conservation/rebates).

## Residential Outdoor Rebates

PROGRAM/DEVICE	REBATE LEVEL
<b>New Tree Rebate</b>	ETWD customers participating in the Turf Replacement Program will be eligible for a Tree Rebate that provides \$100 per tree installed, with a maximum rebate of \$500 for up to 5 trees per turf replacement project.
<b>Weather Based Smart Sprinkler Timer</b>	Up to \$250
<b>Soil Moisture Sensor Controller</b>	Up to \$150
<b>Rotating Sprinkler Nozzles</b>	Up to \$2 per nozzle (min. 15)
<b>Drip Irrigation</b>	\$1 sq. ft. up to 5,000 sq. ft.
<b>Rain Barrels and Cisterns</b>	Up to \$50 per rain barrel and \$250 – \$350 per cistern
<b>Turf Removal</b>	\$4 sq. ft. up to 5,000 sq. ft. (annual maximum)* <i>For applications received by February 26, 2026 and projects completed by July 31, 2026.</i>

*\*Turf rebates do not apply to designated recycled water sites*

*\*If you have already removed your turf, your project is not eligible for this program. Additionally, projects must not be started prior to the receipt and acknowledgment of this Program’s Letter to Proceed.*

## Residential Indoor Rebates

PROGRAM/DEVICE	REBATE LEVEL
<b>High Efficiency Clothes Washers</b>	Up to \$200
<b>Premium High Efficiency Toilets</b> (4-Liter) Replace existing 1.6 gpf toilets with a 1.1 gpf or less toilet.	Up to \$100 per toilet

## Water Saving Programs

<b>Turf Replacement Resources</b>	Program Documents, Turf Replacement Guide, Tree Resources, Firescaping, Plant Lists, How to Hire a Contractor, Irrigation Guide and more!
<b>California Friendly Landscape Designs</b>	FREE OC Friendly Landscape Designs for your use

# NEW ETWD WEBSITE COMING SOON

El Toro Water District (ETWD) is excited to announce that a new and improved District website is on the way. The District's website plays a vital role in connecting customers with essential information, services, and updates. From paying utility bills to accessing water rate details, reviewing public notices, exploring conservation programs, and learning about District operations, the ETWD website is a key resource for our community.

## A More User-Friendly Experience

The redesigned website will offer a streamlined experience that makes it easier to find the information you need.

## Improved Accessibility and Transparency

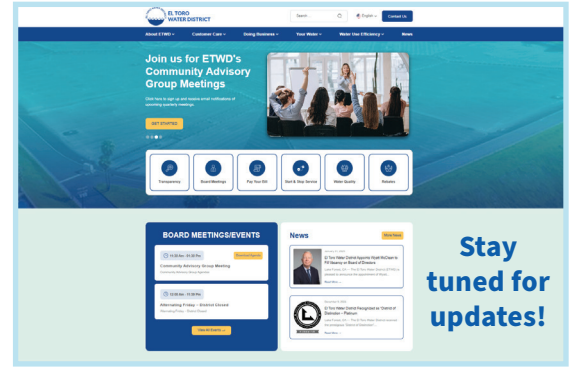
ETWD is committed to making District information accessible to everyone. The new website will ensure that all community members easily navigate and understand site content.

## Enhanced Security and Compliance

The new website incorporates updated security features that safeguard customer data and ensure reliable access to online services. The project also aligns with industry regulations and transparency requirements, reinforcing ETWD's dedication to accountability and customer trust.

## Supporting Public Engagement

With improved navigation, updated content, and better integration of District news and announcements, the new website will make it even easier for the community to stay informed and involved.

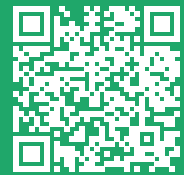


## Learn About Your Water at the next ETWD Community Advisory Group Meeting

Join ETWD for our quarterly Community Advisory Group (CAG) Meeting on Thursday, Feb. 15, 2026, from 11:30 am - 1:30 p.m.

ETWD will share the latest updates on water, wastewater, and recycled water with our community.

Lunch will be provided. Scan the QR code to sign up for CAG Meeting invitations.



## BOARD OF DIRECTORS



### PRESIDENT

Mike Gaskins

### DIRECTOR

Kay Havens

### VICE PRESIDENT

Kathryn Freshley

### DIRECTOR

Wyatt McClean

### DIRECTOR

Mark Monin

### 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. Both meetings start 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](https://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](mailto:district@etwd.com).





## STAFF REPORT

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**To: Board of Directors**

**Meeting Date: December 18, 2025**

**From: Vu Chu, Water Resources Supervisor**

**Subject: Water Loss Audit**

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Staff will provide a presentation describing the requirements, terminology and results of the annual Water Loss Audit.

# ANNUAL WATER LOSS AUDIT REPORT

ETWD Board of Directors Meeting  
Vu Chu, Water Resources Supervisor  
December 18, 2025



# Water Loss Regulations

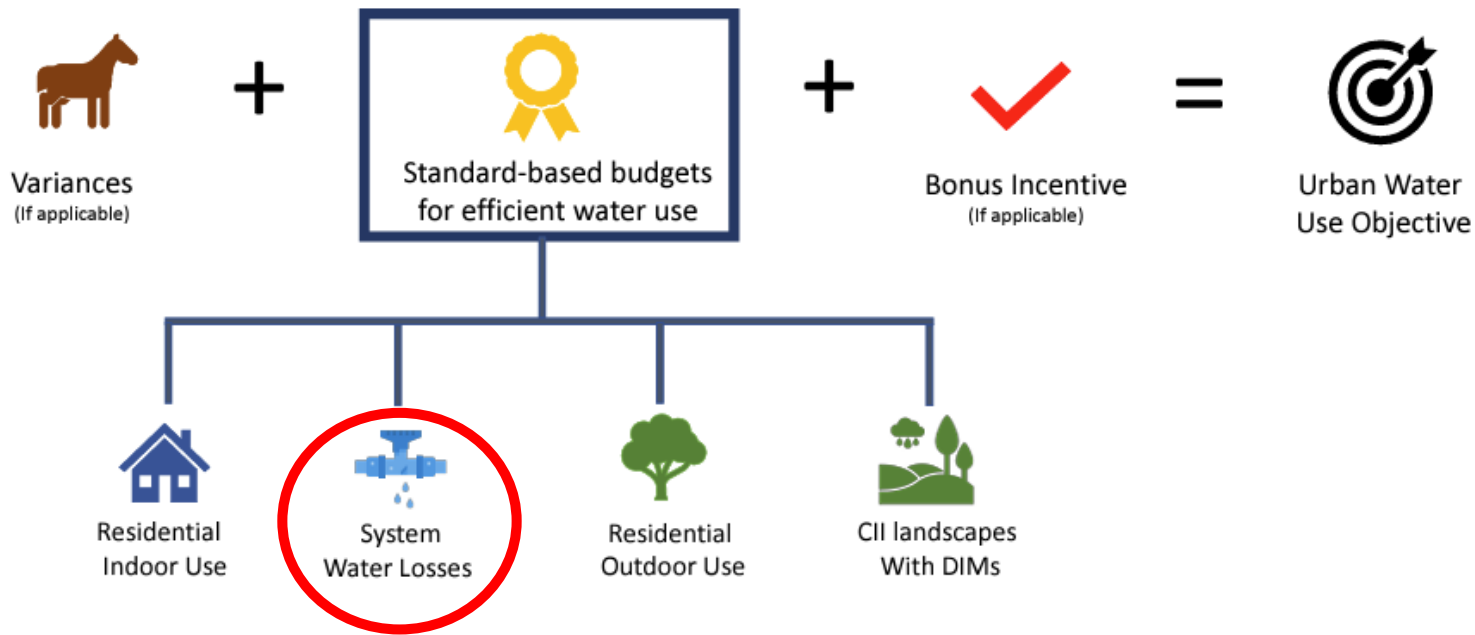
- **2014: SB 1420**
  - Water loss audits as part of UWMP – once every 5 year
- **2015: SB 555**
  - Water loss audits each year – October 1st due date
- **2018: SB 606 and AB 1668 (*Making Conservation a California Way of Life*)**
  - Water loss audit adopted as part of broader conservation framework
- **2019: AB 1414**
  - Modification of reporting deadline – **Jan 1st** for fiscal year reporters starting January 2021
  - All Reporters submit on January 1st starting **January 1, 2024**



# Making Conservation a California Way of Life

## Basic Formula for Calculating Objectives

To be based on efficiency standards and supplier-specific data



- Urban retail suppliers must calculate and comply with their UWUO by **January 1, 2025** and every January 1st thereafter

Source: SWRCB

# Water Loss Audit Components

- **Total Water Losses**

= Water delivered – Authorized Consumption

- **Real Losses**

= Physical Leakage

- **Apparent Losses**

= “Paper losses”, losses associated with water delivered but not measured or recorded accurately (Data handling error, meter inaccuracies, and water theft)

- **Non-Revenue Water**

= Water that did not generate revenue (unbilled metered consumption)

Background Leakage



Undetectable using traditional acoustic equipment

Unreported Leakage



Detectable using traditional acoustic equipment.

Reported Leakage



Surfaced and is reported by public or utility staff.

# 2024 Water Audit Results

- **Total Water Losses**

= Water delivered – Authorized Consumption

= 6,386.41 AF – 6,075.65 AF = 310.77 AF

- **Apparent Losses**

= Systematic Data Handling Errors: 15.074 AF

= Customer Metering Inaccuracies: 30.502 AF

= Unauthorized Consumption: 15.074 AF

60.649 AF

- **Real Losses**

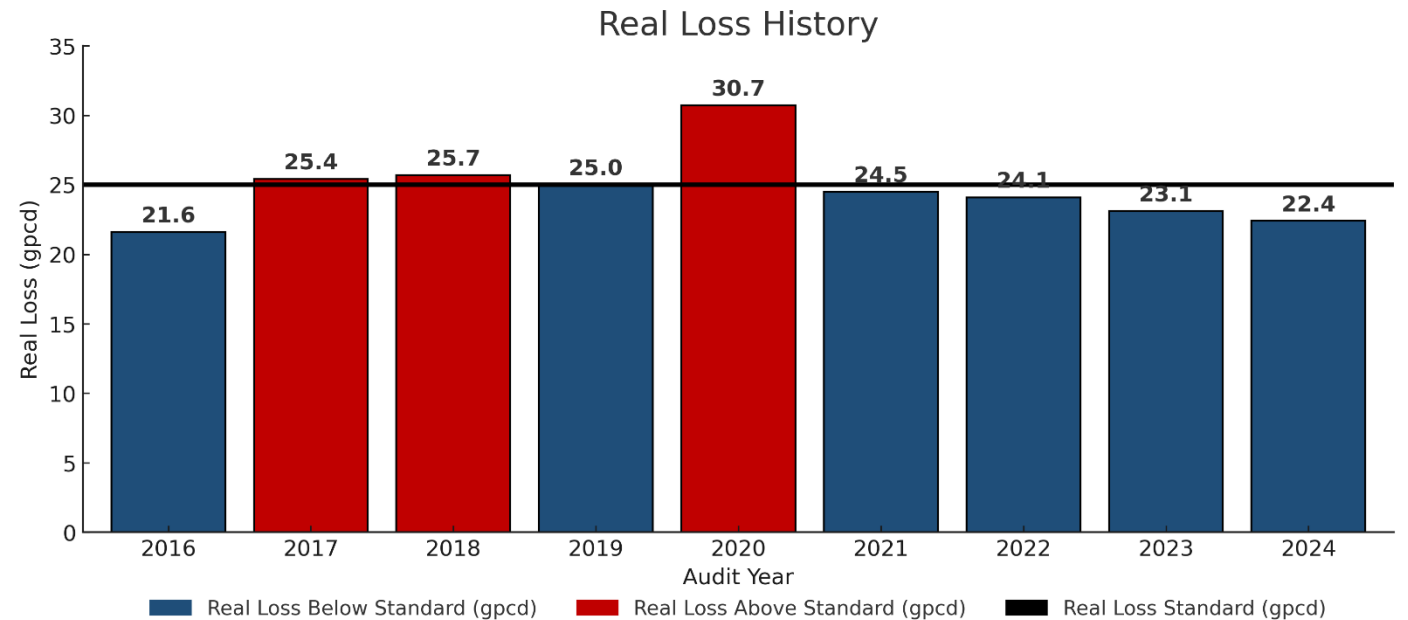
= 310.77 AF – 60.65 = 250.12 AF

=  $\frac{250.12 \text{ AF} \times 325,851}{9,971 \text{ connections}} \div 365 \text{ days} = 22.4 \text{ gal/connection/day}$



# ETWD Water Loss Standard

- Maximum allowable “real” water loss measured in gallons per connection per day for each system.
- **ETWD’s Real Loss Standard**  
= 24.3 gal/connection/day
- **CY 2024 Audited Real Losses**  
= 22.4 gal/connection/day



# Water Loss Compliance Timeline

- **Individual standards by January 1, 2028 (Formally adopted in October 2022)**
  - Real Loss Standards calculated from an economic model from data reported in 2025, 2026, and 2027.
  - Apparent Loss Standards: Baseline apparent losses +/- 2 gal/connection/day.
- **Reporting Requirements**
  - Data Quality & Pressure Management Questionnaires – January 1, 2024
    - Updated responses – July 1, 2026
  - Asset Management Questionnaire – July 1, 2024
    - Updated responses – July 1, 2027
  - Break Registry – January 1, 2029 for 2025, 2026, and 2027.



# ETWD's Actions

- **Continue to sustain a comprehensive water loss control program**
  - Maintain an internal leak detection and repair initiative
  - Collaborate and leverage regional resources - MWDOC
- **Ensure vigilant monitoring and analysis of water data**
  - Streamline documentation and reporting
- **Focus on infrastructure improvements**
  - Perform routine meter calibrations and replacements
  - Explore strategic opportunities for potential AMI utilization
- **Proactive staff training and industry certification**
  - AWWA Water Audit Validator



**Thank You**





**STAFF REPORT**

**To: Board of Directors**

**Meeting Date: December 18, 2025**

**From: Vu Chu, Water Resources Supervisor**

**Subject: Water Use Efficiency Report**

**Rebate Programs:**

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

Eligible device purchases may qualify for rebates, contingent on meeting eligibility criteria and subject to fund availability. Detailed residential and commercial rebate information is accessible at:

[www.etwd.com/conservation/rebates](http://www.etwd.com/conservation/rebates)  
[www.etwd.com/commercial-rebates](http://www.etwd.com/commercial-rebates)

**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 in November 2025.

The table below also shows the ETWD residential and commercial rebates approved for November 2025 and FY 2025-2026.

<b>Rebate Program</b>	<b>November 2025</b>	<b>FY 2025/26</b>
High Efficiency Clothes Washer		5
Irrigation Controller (Residential)		6
Spray to Drip – Commercial		13,831 sq. ft.

Turf Replacement – Residential		435 sq. ft.
Spray to Drip – Residential		3,499 sq. ft.

**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 November 2025, residential customers accounted for 70.3% of Tier 3 usage and dedicated irrigation accounted for 29.7%. For Tier 4, residential customers accounted for 54.6% and dedicated irrigation accounted for 45.4% during the same period.

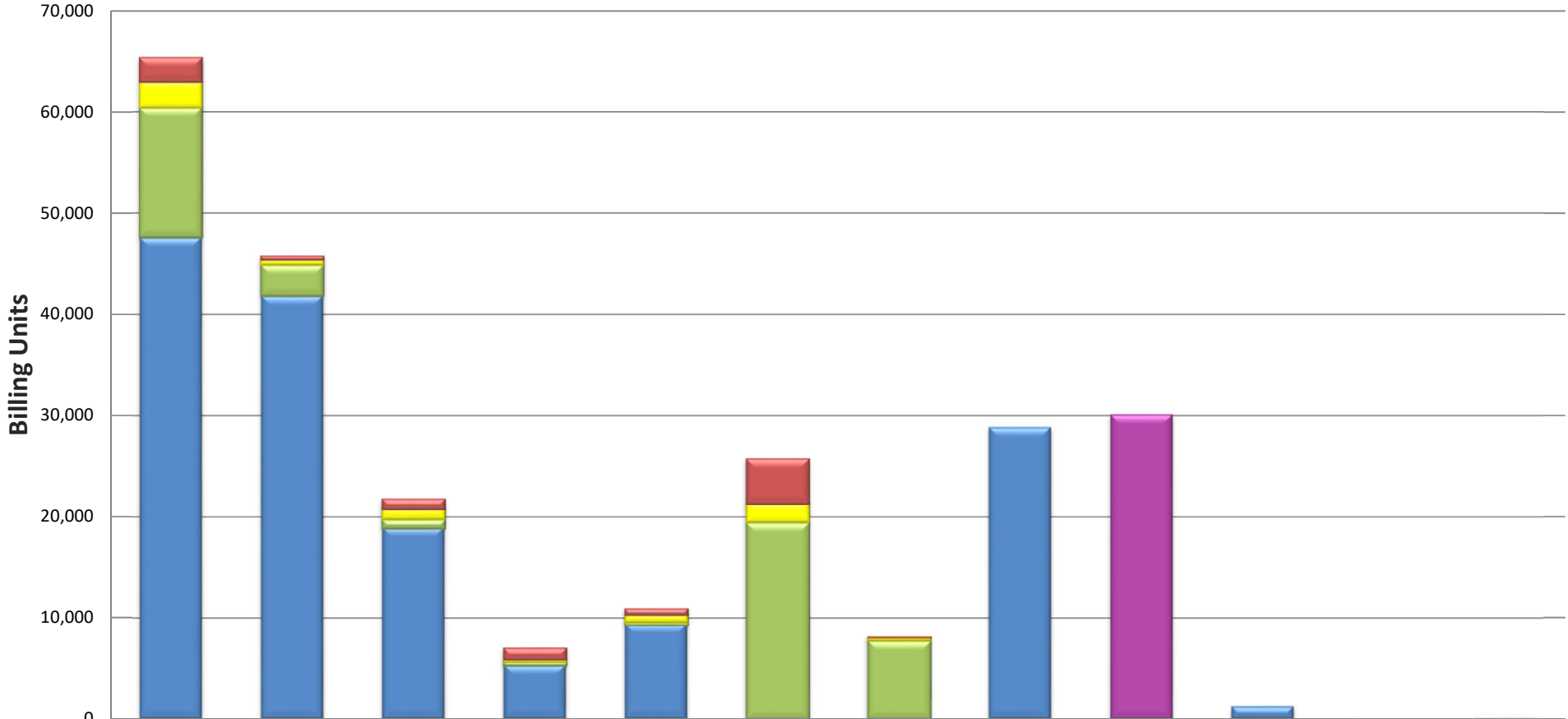
**Total Consumption Comparison to Evapotranspiration (ET) Factor:**

Included in this month’s Water Use Efficiency Report is a chart comparing the current fiscal year consumption and ET factor to the fiscal 2024/25 consumption and ET factor. Total potable water consumption decreased by 15.81% in November 2025 compared to November 2024. On a year-to-date basis, potable water consumption through November decreased 4.60% compared to FY 2024–2025. During the same period, the ET factor decreased from 2.83 to 2.22.

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

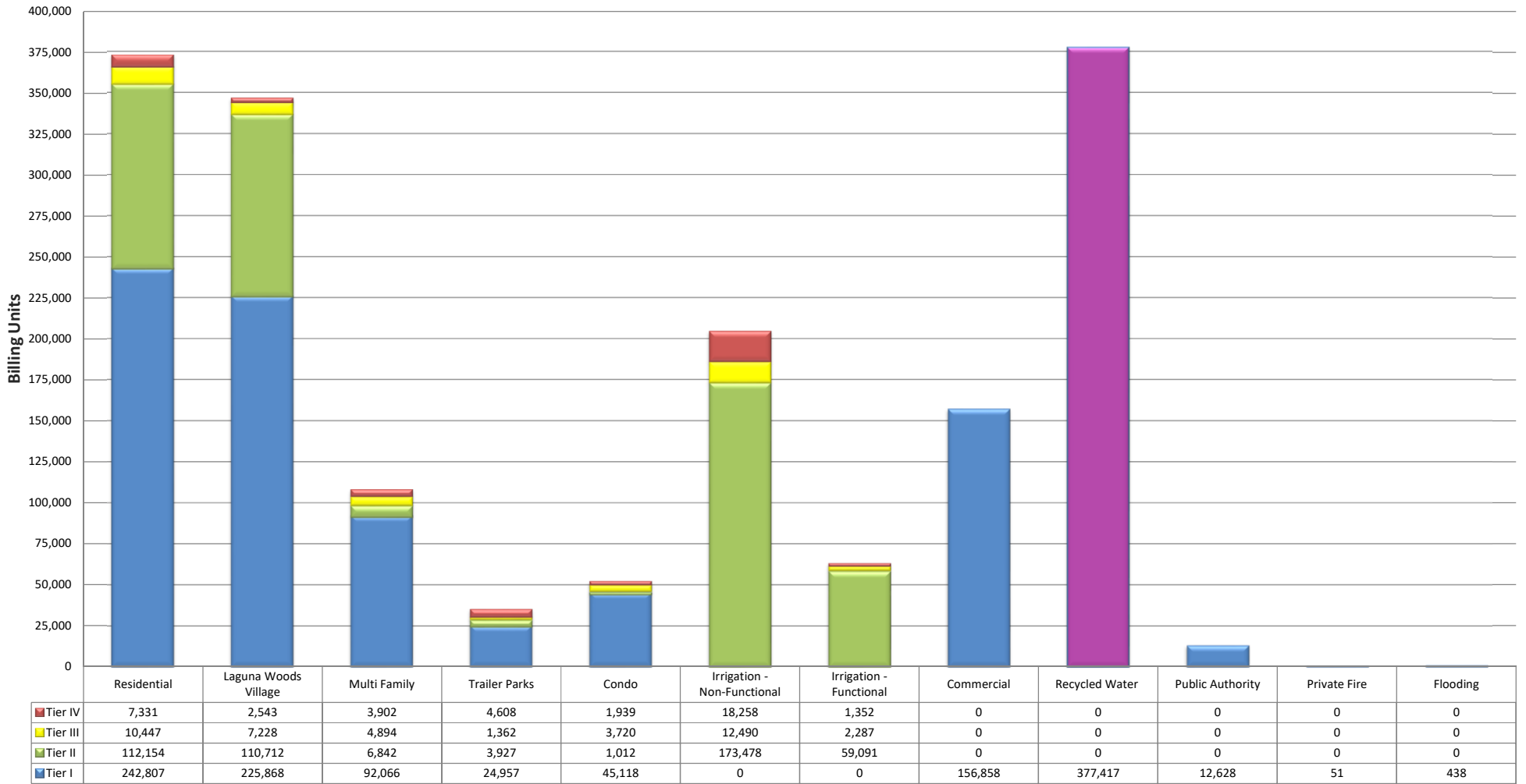
The following graphs highlight ETWD year-to-date consumption and consumption by tier for the current fiscal year compared to the 2024-2025 fiscal year. ETWD water consumption compared to 2013 and 2020 are also included.

# November 2025 Water Sales

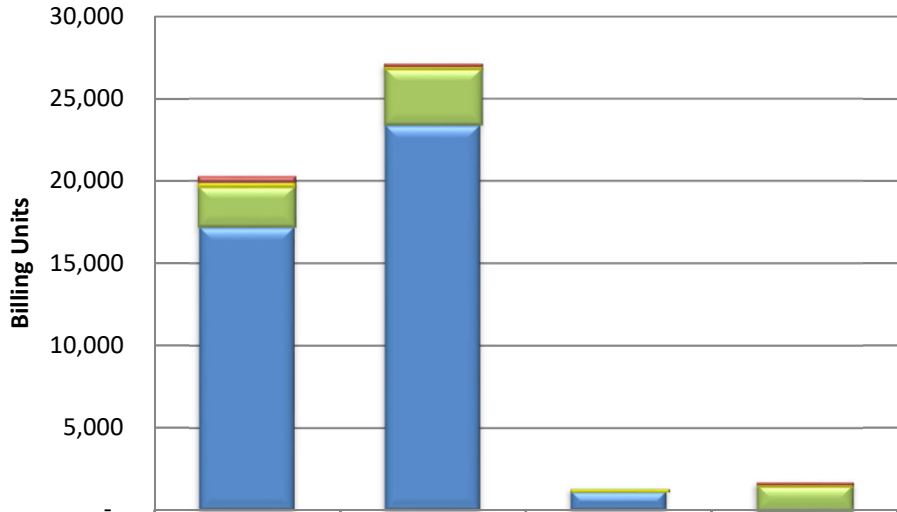


	Residential	Laguna Woods Village	Multi Family	Trailer Parks	Condo	Irrigation - Non-Functional	Irrigation - Functional	Commercial	Recycled Water	Public Authority	Private Fire	Flooding
Tier IV	2,369	324	963	1,112	569	4,415	14	0	0	0	0	0
Tier III	2,559	527	1,035	235	743	1,851	305	0	0	0	0	0
Tier II	12,767	3,037	831	322	179	19,473	7,806	0	0	0	0	0
Tier I	47,621	41,843	18,947	5,358	9,426	0	0	28,815	30,130	1,271	12	93

### Year-to-Date Water Sales as of November 2025

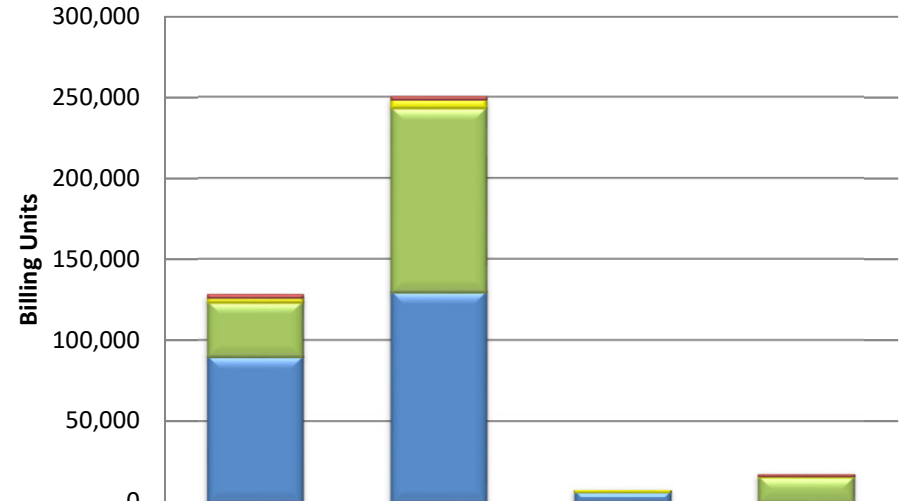


### Laguna Woods Village November 2025 Water Sales



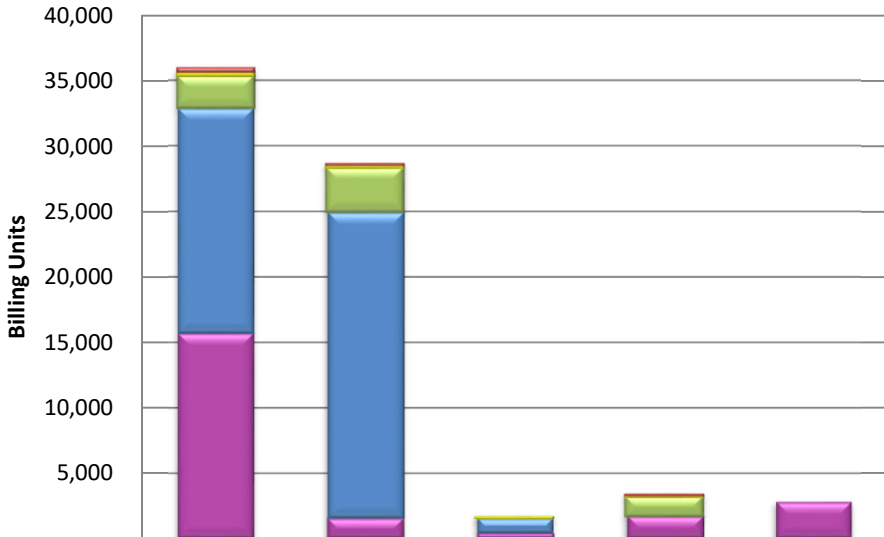
	Third	United	Mutual 50	GRF
<b>Total</b>	20,224	27,033	1,210	1,620
Tier 4	262	62	-	14
Tier 3	331	196	1	113
Tier 2	2,414	3,354	4	1,493
Tier 1	17,217	23,421	1,205	-

### Laguna Woods Village Year-to-Date Water Sales November 2025



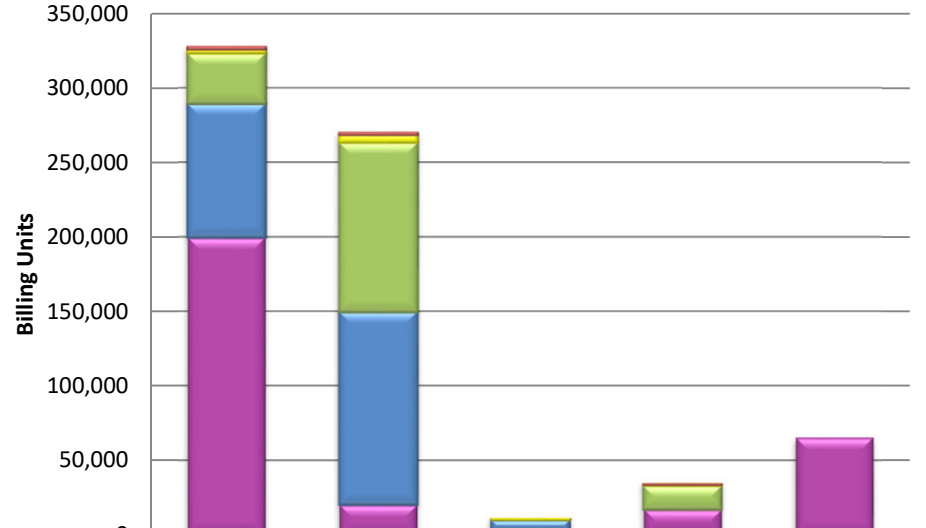
	Third	United	Mutual 50	GRF
<b>Total</b>	127,815	249,523	6,739	16,717
Tier 4	1,372	1,231	0	226
Tier 3	2,963	5,442	82	787
Tier 2	33,726	113,324	69	15,704
Tier 1	89,754	129,526	6,588	0

### Laguna Woods Village November 2025 Water & RW Sales



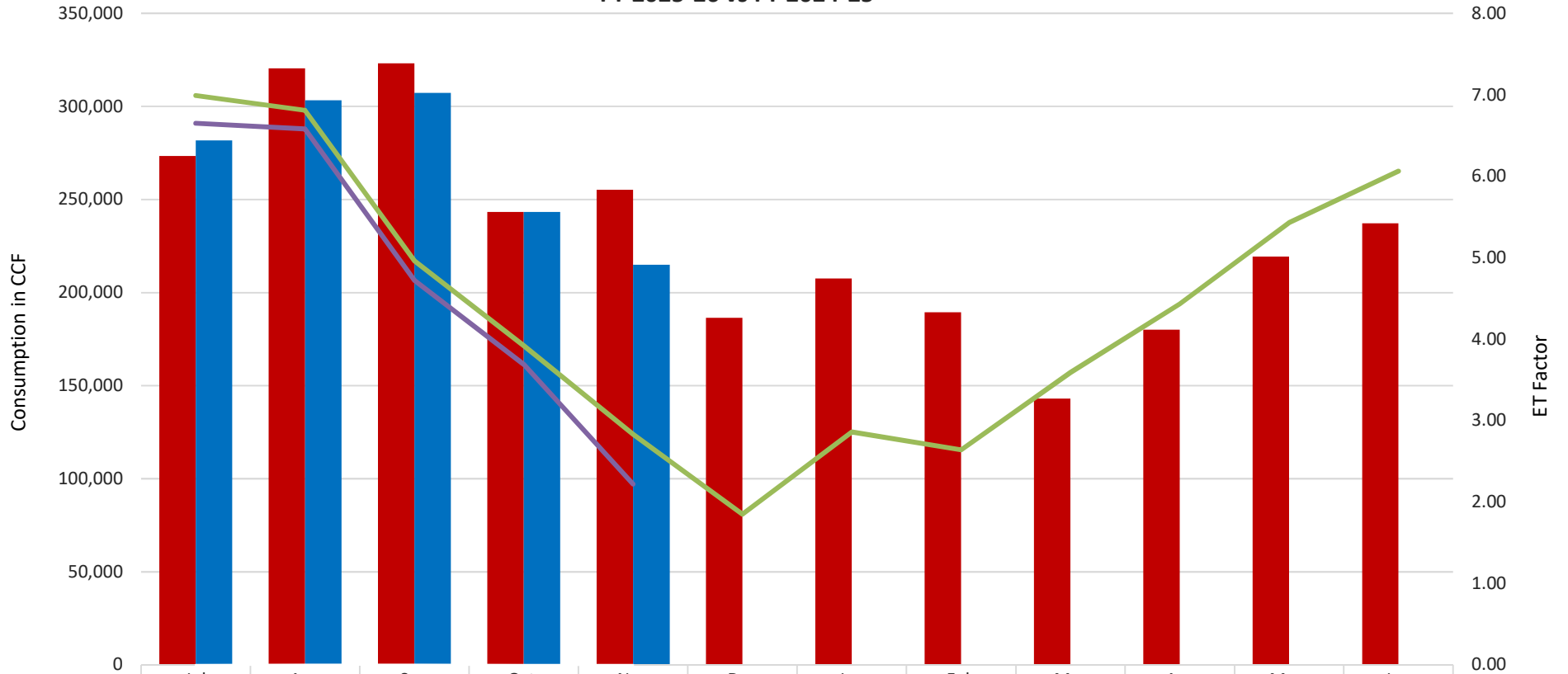
	Third	United	Mutual 50	GRF	LWV Golf Course
Tier 4	262	62	-	14	
Tier 3	331	196	1	113	
Tier 2	2,414	3,354	4	1,493	
Tier 1	17,217	23,421	1,205	-	
RW	15,696	1,566	422	1,731	2,809

### Laguna Woods Village Year-to-Date Water & RW Sales November 2025



	Third	United	Mutual 50	GRF	LWV Golf Course
Tier 4	1,372	1,231	0	226	
Tier 3	2,963	5,442	82	787	
Tier 2	33,726	113,324	69	15,704	
Tier 1	89,754	129,526	6,588	0	
RW	199,396	20,310	3,308	16,996	65,377

### Total Consumption Comparison (CCF) FY 2025-26 vs FY 2024-25



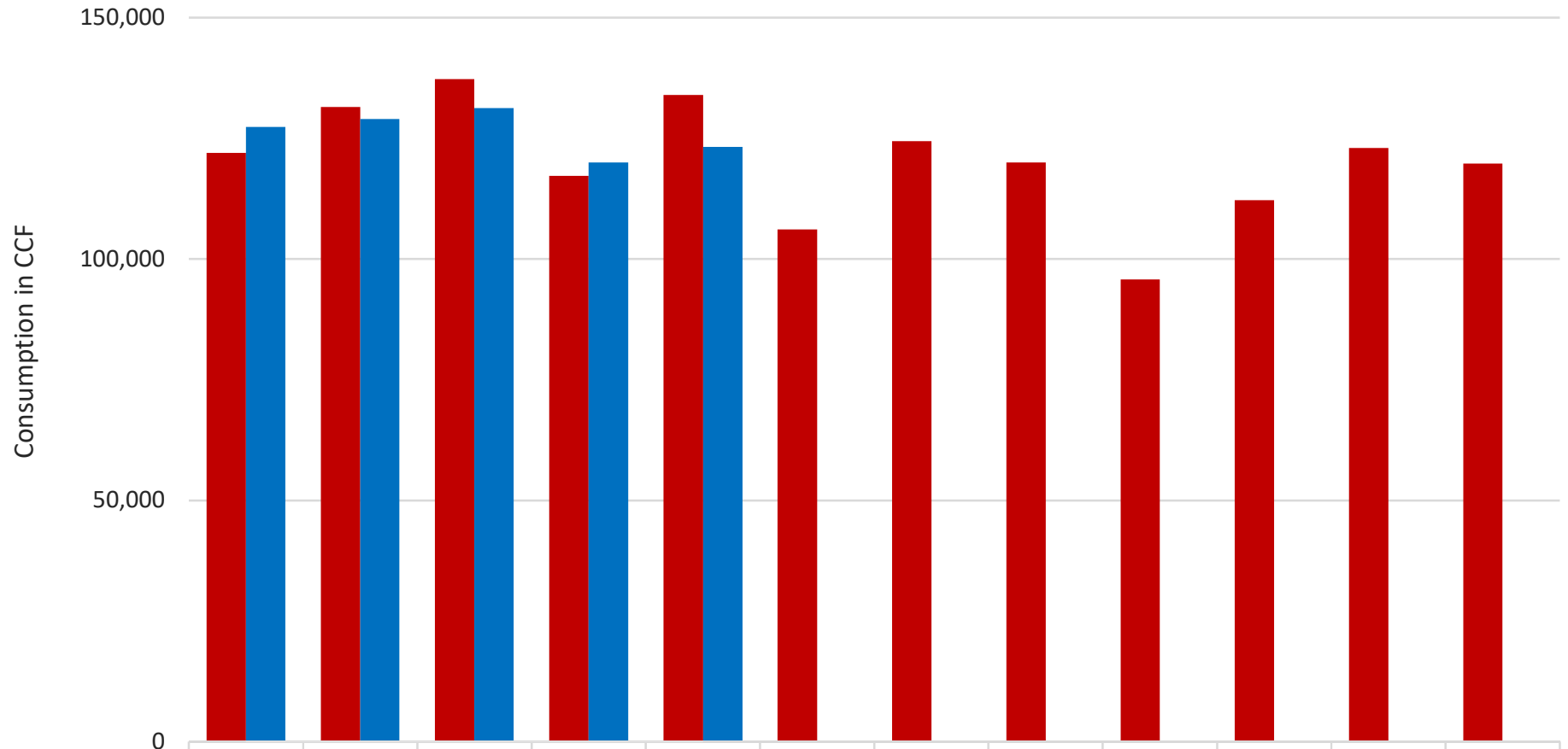
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<span style="color: red;">■</span> FY 2024-2025	273,341	320,463	323,129	243,352	255,163	186,426	207,474	189,358	143,011	180,075	219,418	237,194
<span style="color: blue;">■</span> FY 2025-2026	281,724	303,292	307,160	243,370	214,822							
% Change	3.07%	-5.36%	-4.94%	0.01%	-15.81%							
<span style="color: green;">—</span> FY 24/25 ET	6.99	6.81	4.96	3.92	2.83	1.85	2.86	2.64	3.59	4.43	5.43	6.06
<span style="color: purple;">—</span> FY 25/26 ET	6.65	6.58	4.72	3.69	2.22							

### ETWD Fiscal YTD Consumption FY 2025-26 vs FY 2024-25



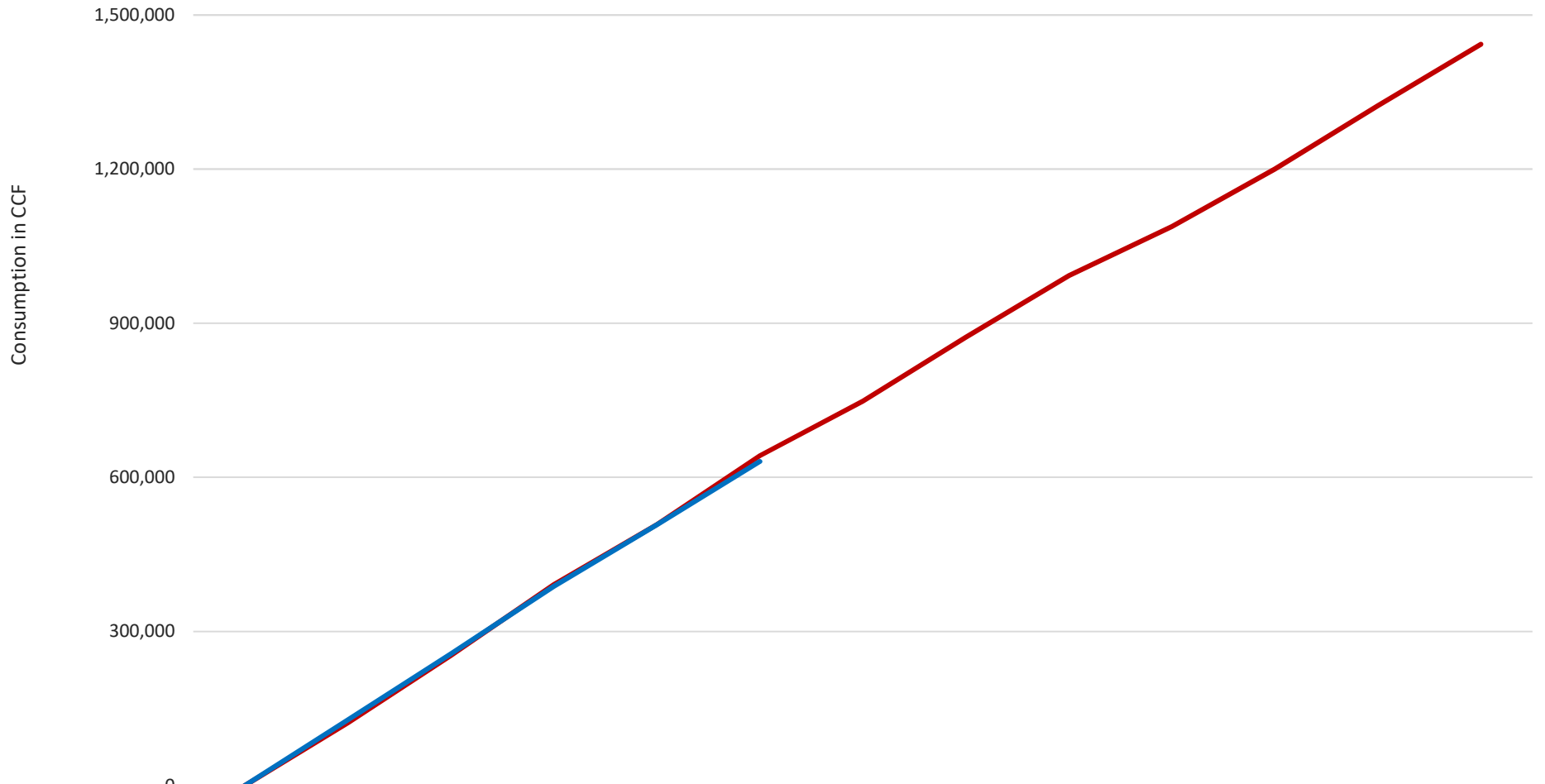
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	273,341	593,804	916,933	1,160,285	1,415,448	1,601,874	1,809,348	1,998,706	2,141,717	2,321,792	2,541,210	2,778,404
2025-2026	0	281,724	585,016	892,176	1,135,546	1,350,368							
% Change		3.07%	-1.48%	-2.70%	-2.13%	-4.60%							

## Tier I Consumption



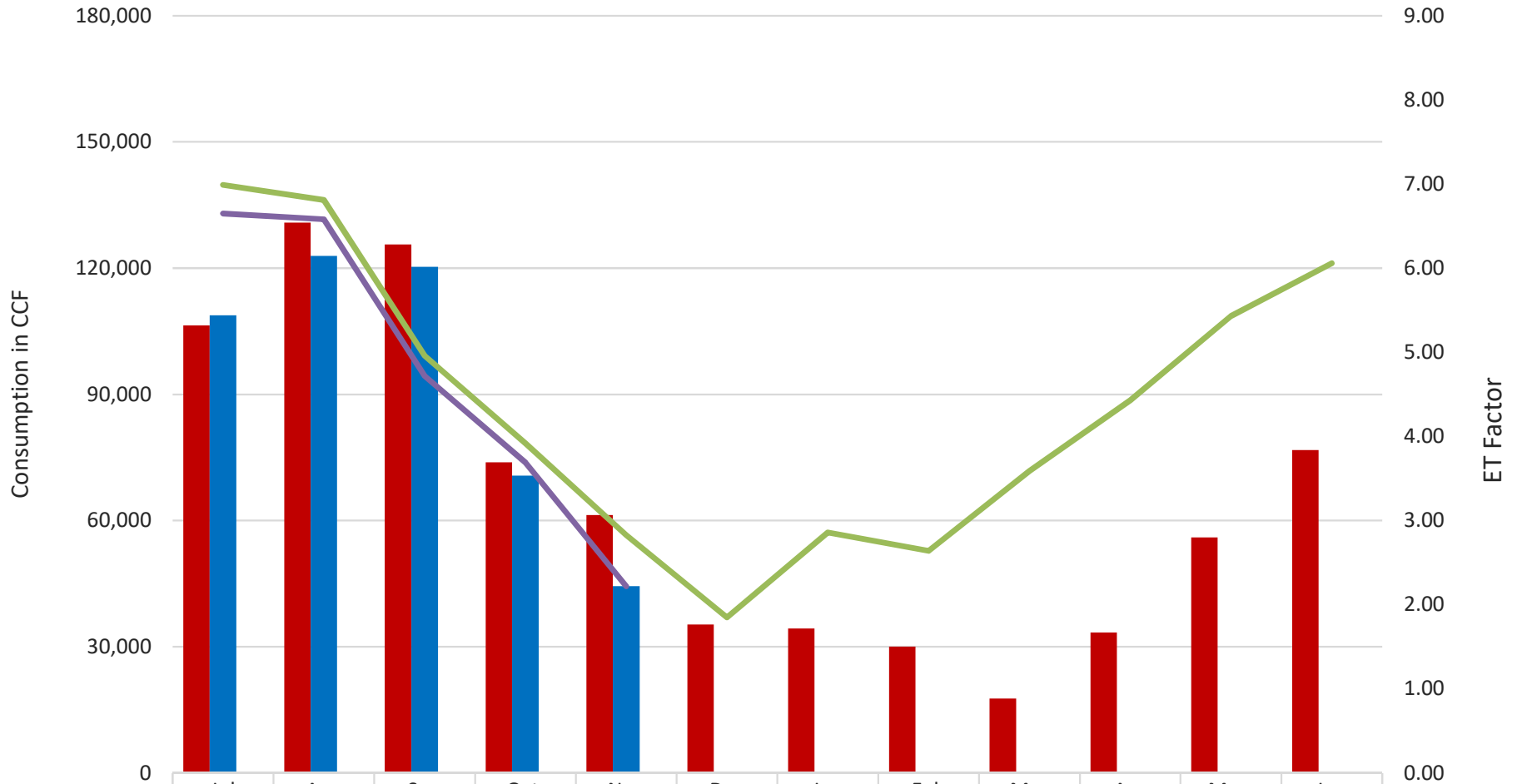
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	122,015	131,466	137,296	117,207	133,977	106,134	124,382	119,990	95,801	112,176	122,955	119,806
2025-2026	127,358	128,996	131,302	119,965	123,195							
% Change	4.38%	-1.88%	-4.37%	2.35%	-8.05%							

### Tier I Fiscal YTD Consumption



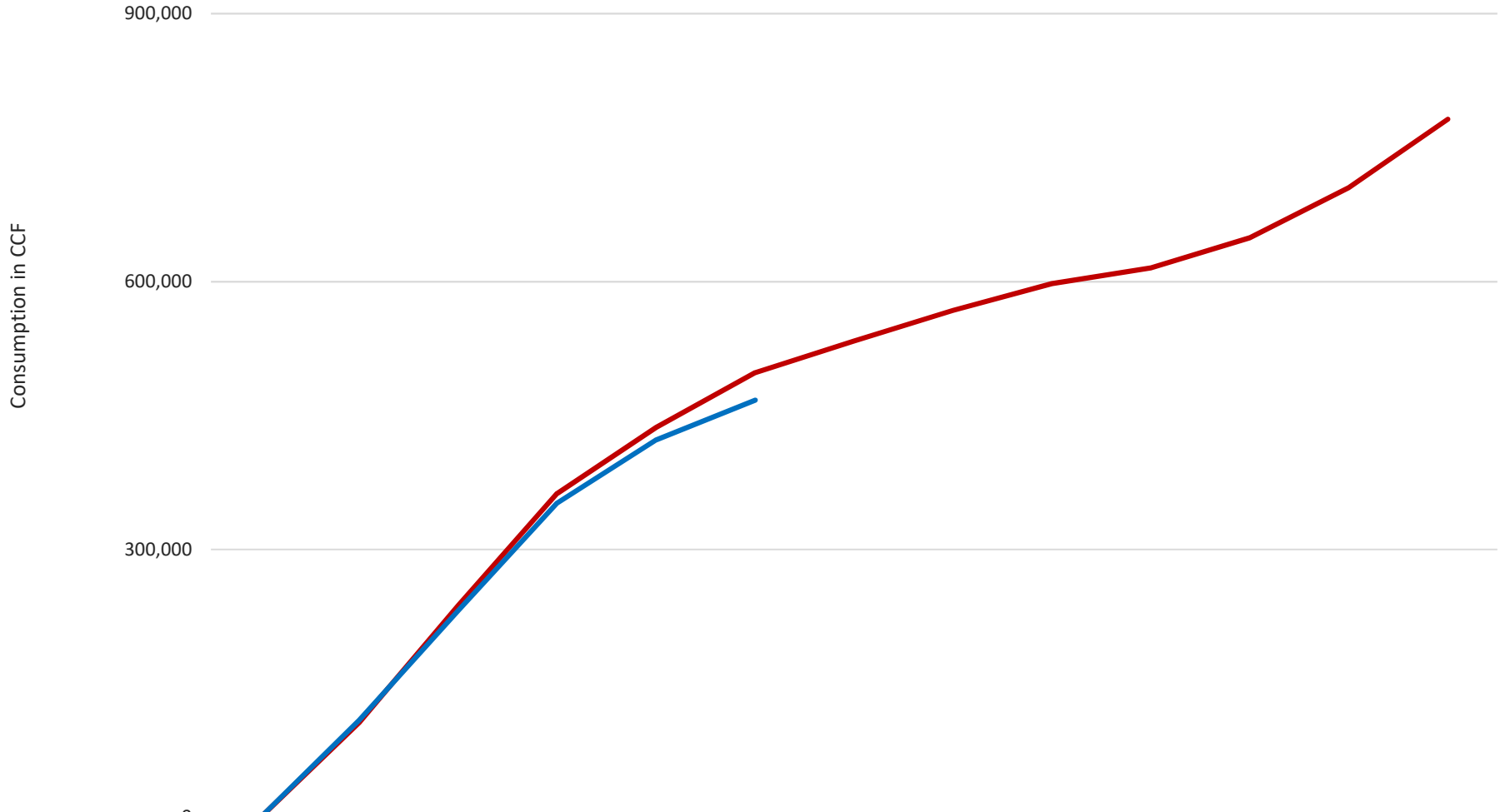
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	122,015	253,481	390,777	507,984	641,961	748,095	872,477	992,467	1,088,268	1,200,444	1,323,399	1,443,205
2025-2026	0	127,358	256,354	387,656	507,621	630,816							
% Change		4.38%	1.13%	-0.80%	-0.07%	-1.74%							

## Tier II Consumption



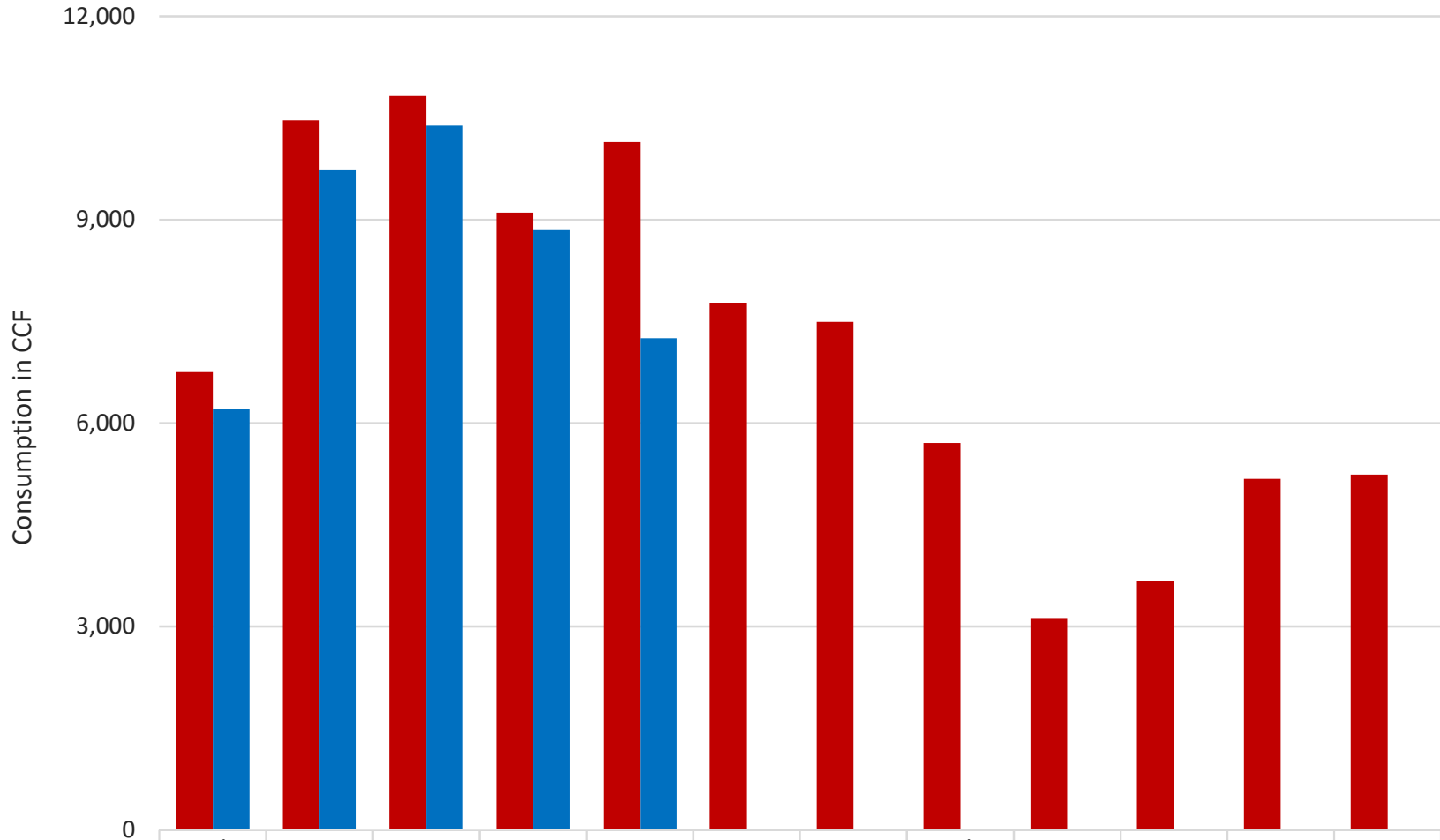
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	106,453	130,835	125,611	73,825	61,340	35,325	34,381	30,087	17,750	33,471	56,045	76,773
2025-2026	108,802	122,934	120,334	70,731	44,415							
% Change	2.21%	-6.04%	-4.20%	-4.19%	-27.59%							
24/25 ET	6.99	6.81	4.96	3.92	2.83	1.85	2.86	2.64	3.59	4.43	5.43	6.06
25/26 ET	6.65	6.58	4.72	3.69	2.22							

### Tier II Fiscal YTD Consumption



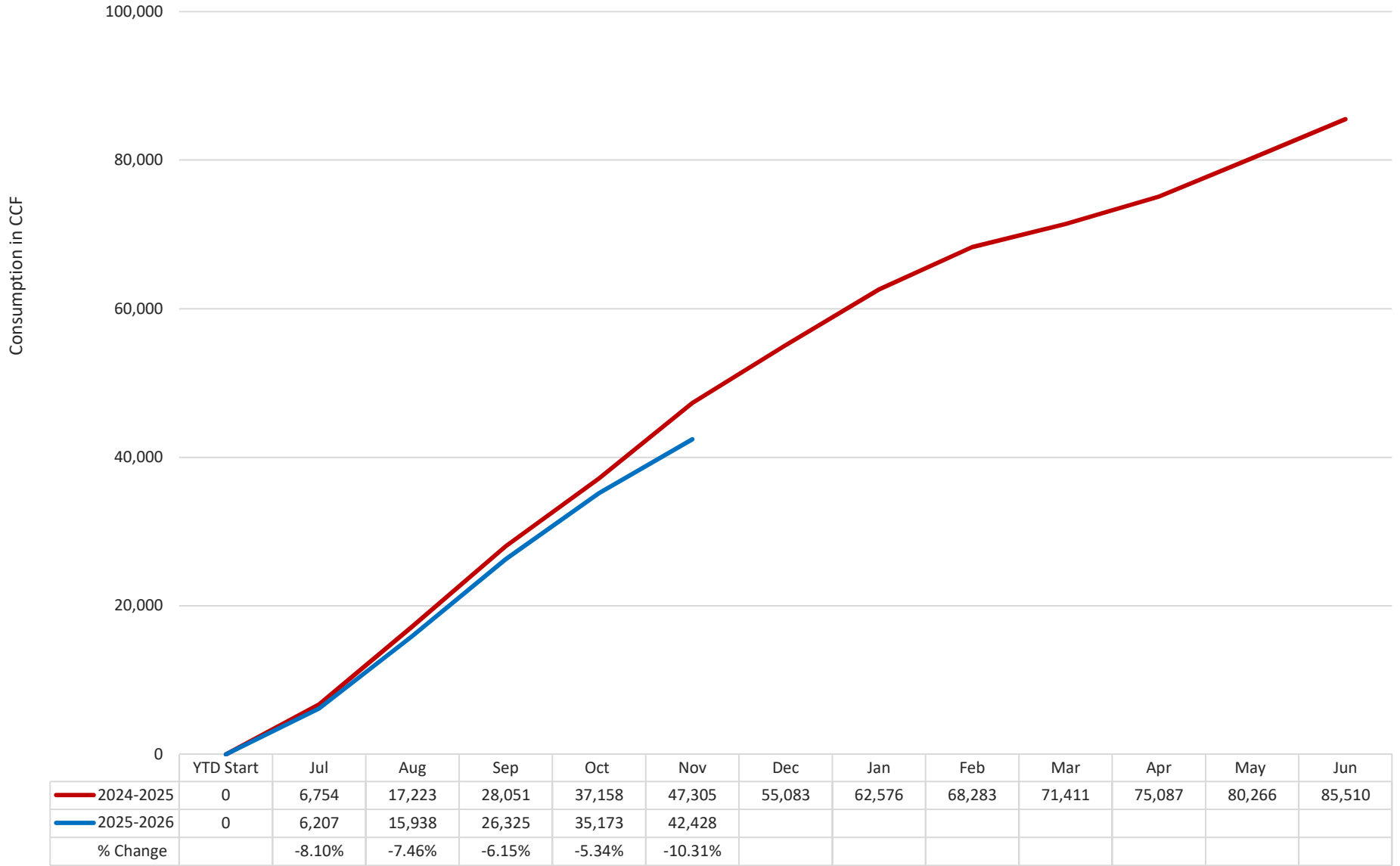
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	106,453	237,288	362,899	436,724	498,064	533,389	567,770	597,857	615,607	649,078	705,123	781,896
2025-2026	0	108,802	231,736	352,070	422,801	467,216							
% Change		2.21%	-2.34%	-2.98%	-3.19%	-6.19%							

## Tier III Consumption

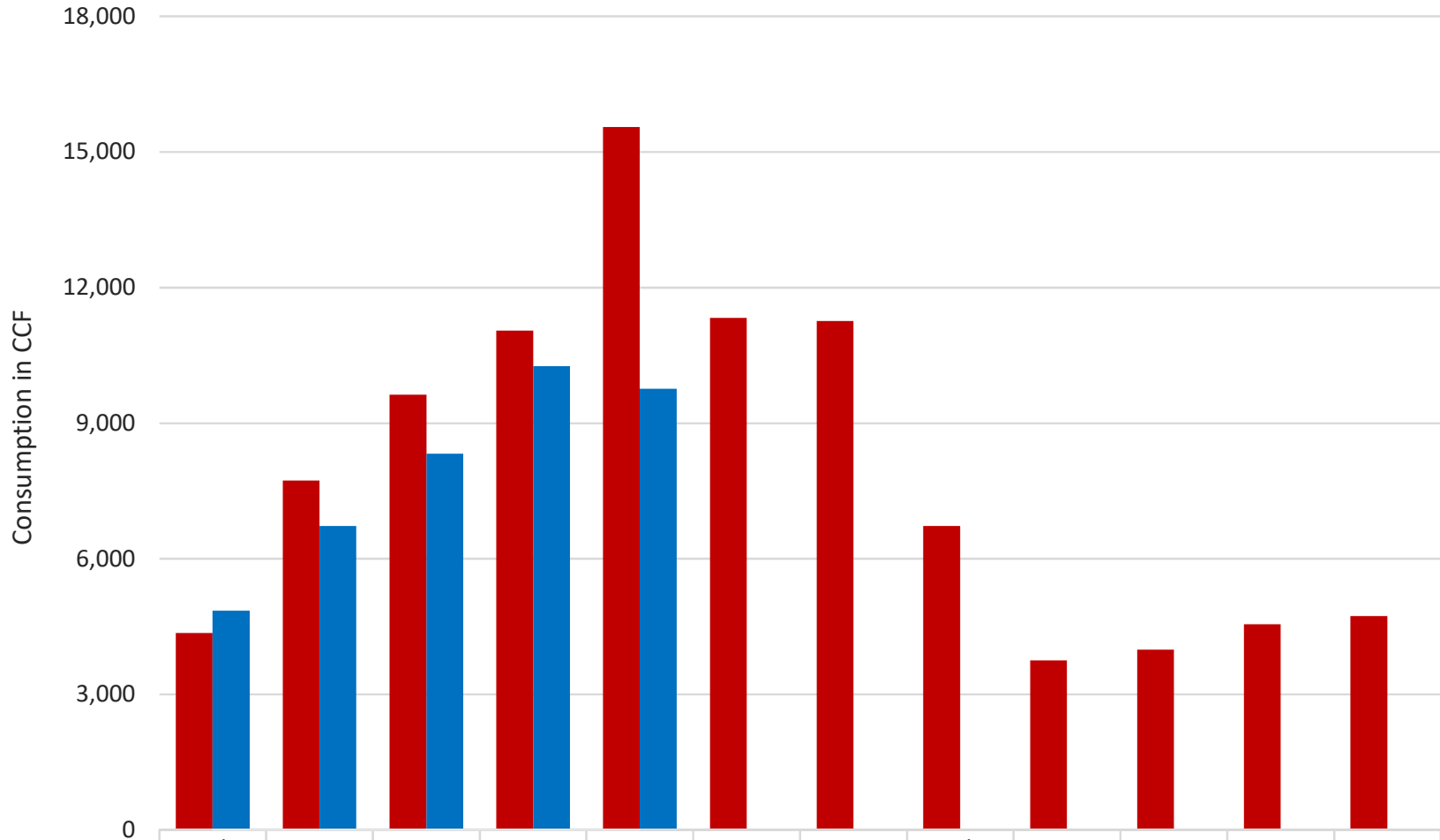


	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<span style="color: red;">■</span> 2024-2025	6,754	10,469	10,828	9,107	10,147	7,778	7,493	5,707	3,128	3,676	5,179	5,244
<span style="color: blue;">■</span> 2025-2026	6,207	9,731	10,387	8,848	7,255							
% Change	-8.10%	-7.05%	-4.07%	-2.84%	-28.50%							

### Tier III Fiscal YTD Consumption

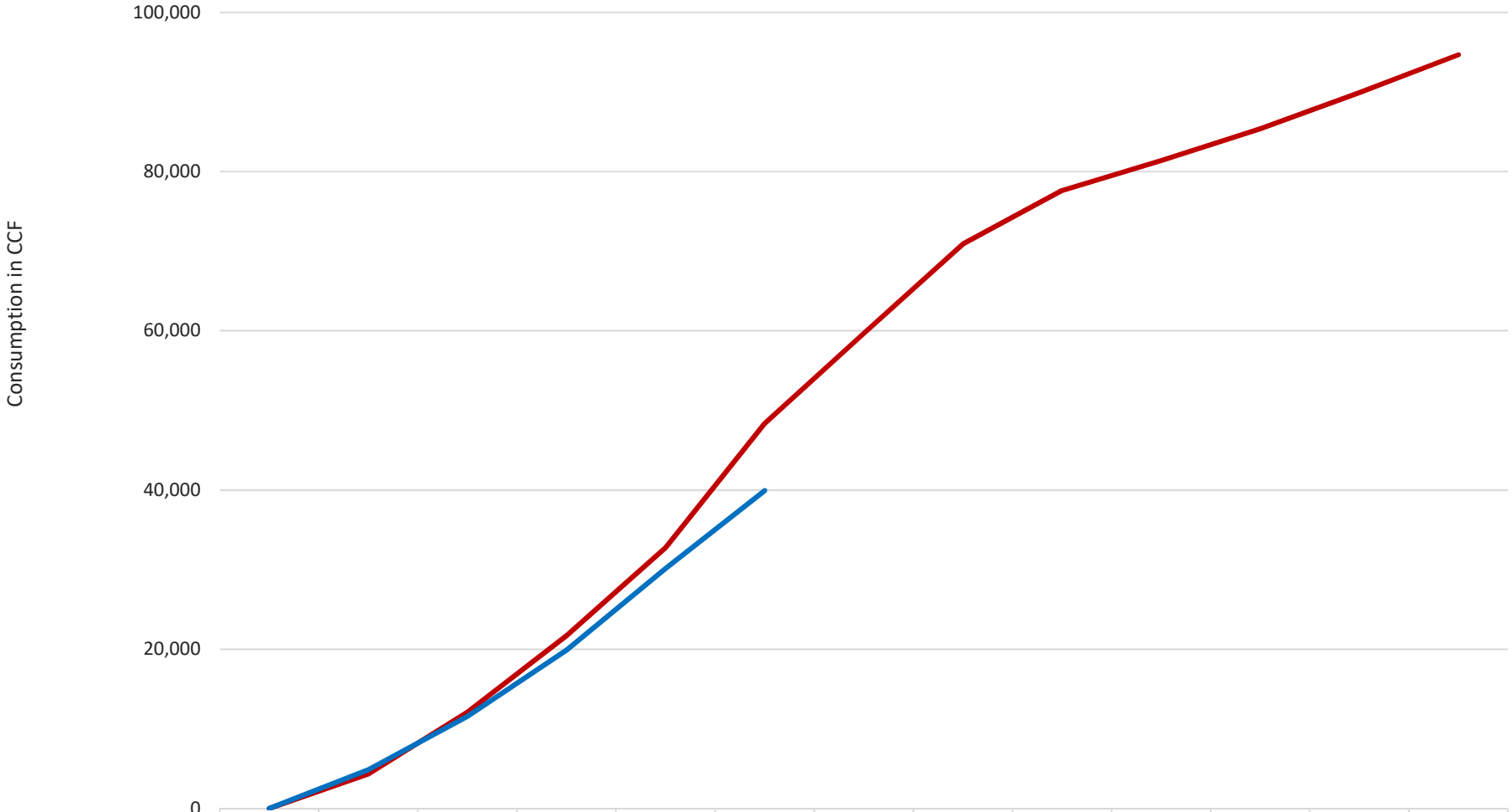


## Tier IV Consumption



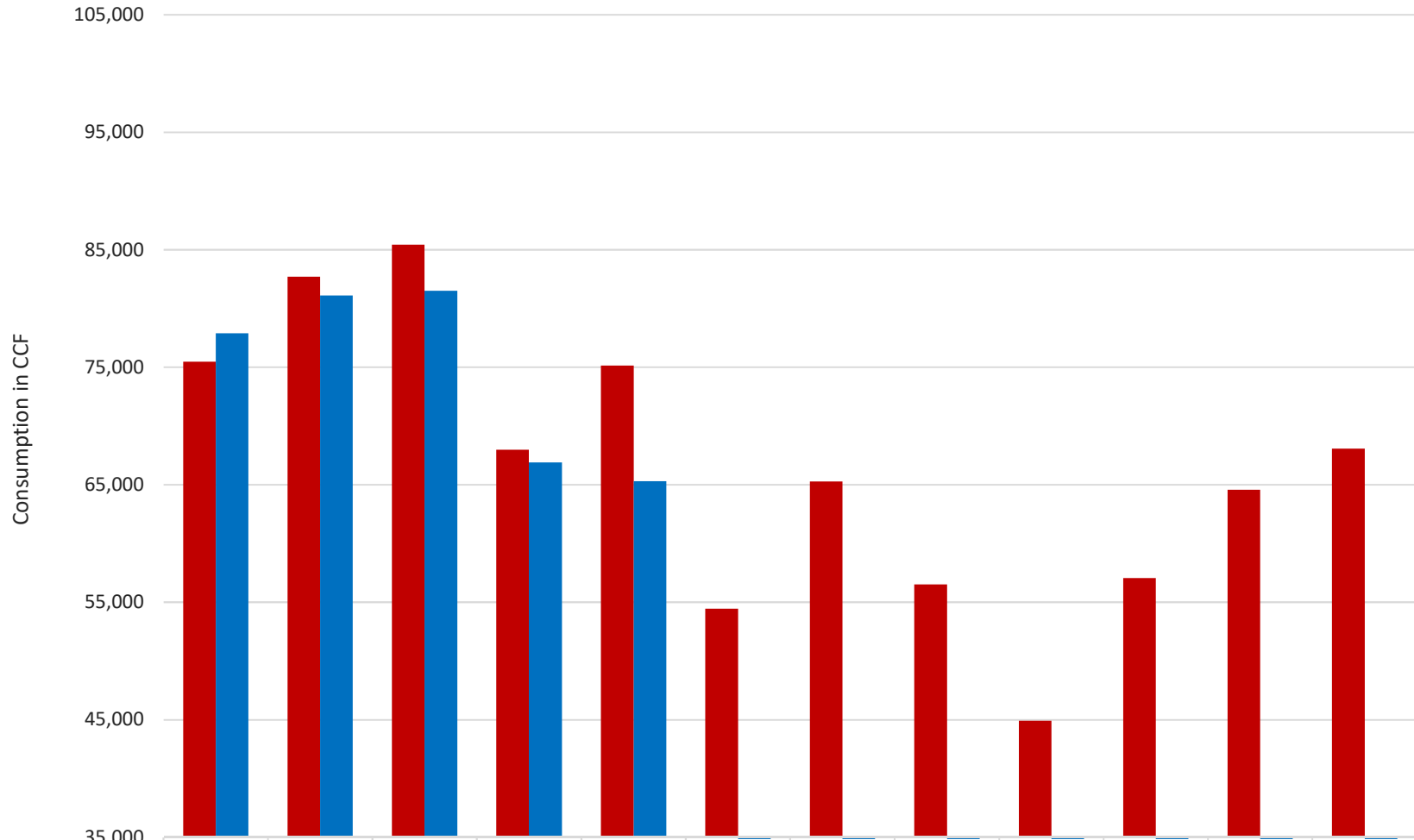
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<span style="color: red;">■</span> 2024-2025	4,363	7,731	9,636	11,043	15,552	11,334	11,258	6,721	3,754	3,994	4,553	4,740
<span style="color: blue;">■</span> 2025-2026	4,851	6,723	8,328	10,265	9,766							
% Change	11.18%	-13.04%	-13.57%	-7.05%	-37.20%							

### Tier IV Fiscal YTD Consumption



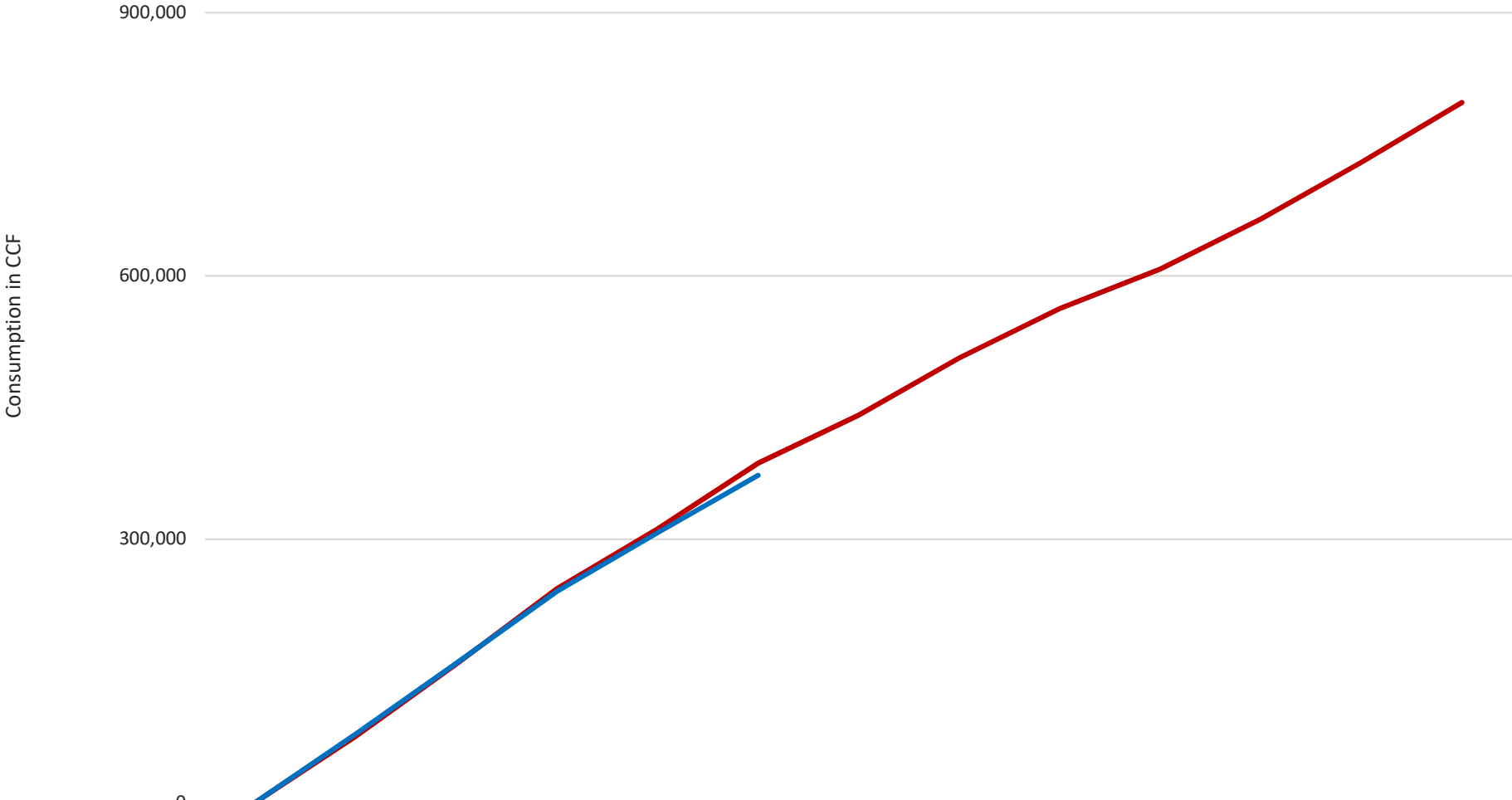
2024-2025	0	4,363	12,094	21,730	32,773	48,325	59,659	70,917	77,638	81,392	85,386	89,939	94,679
2025-2026	0	4,851	11,574	19,902	30,167	39,933							
% Change		11.18%	-4.30%	-8.41%	-7.95%	-17.37%							

## Single Family Residents Consumption



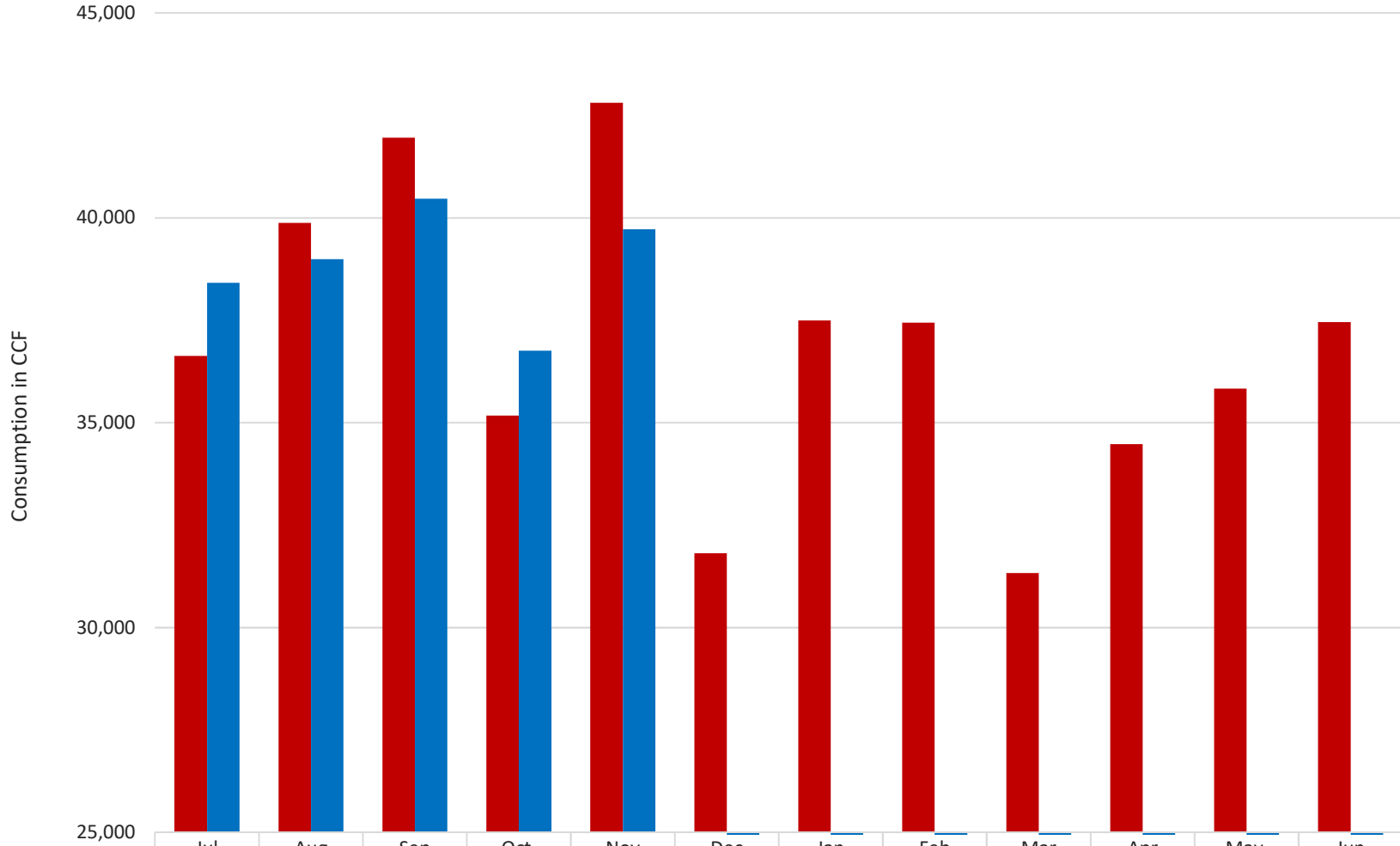
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	75,474	82,708	85,443	67,979	75,147	54,456	65,296	56,524	44,933	57,065	64,583	68,083
2025-2026	77,907	81,112	81,491	66,913	65,316							
% Change	3.22%	-1.93%	-4.63%	-1.57%	-13.08%							

### Single Family Residents YTD Consumption



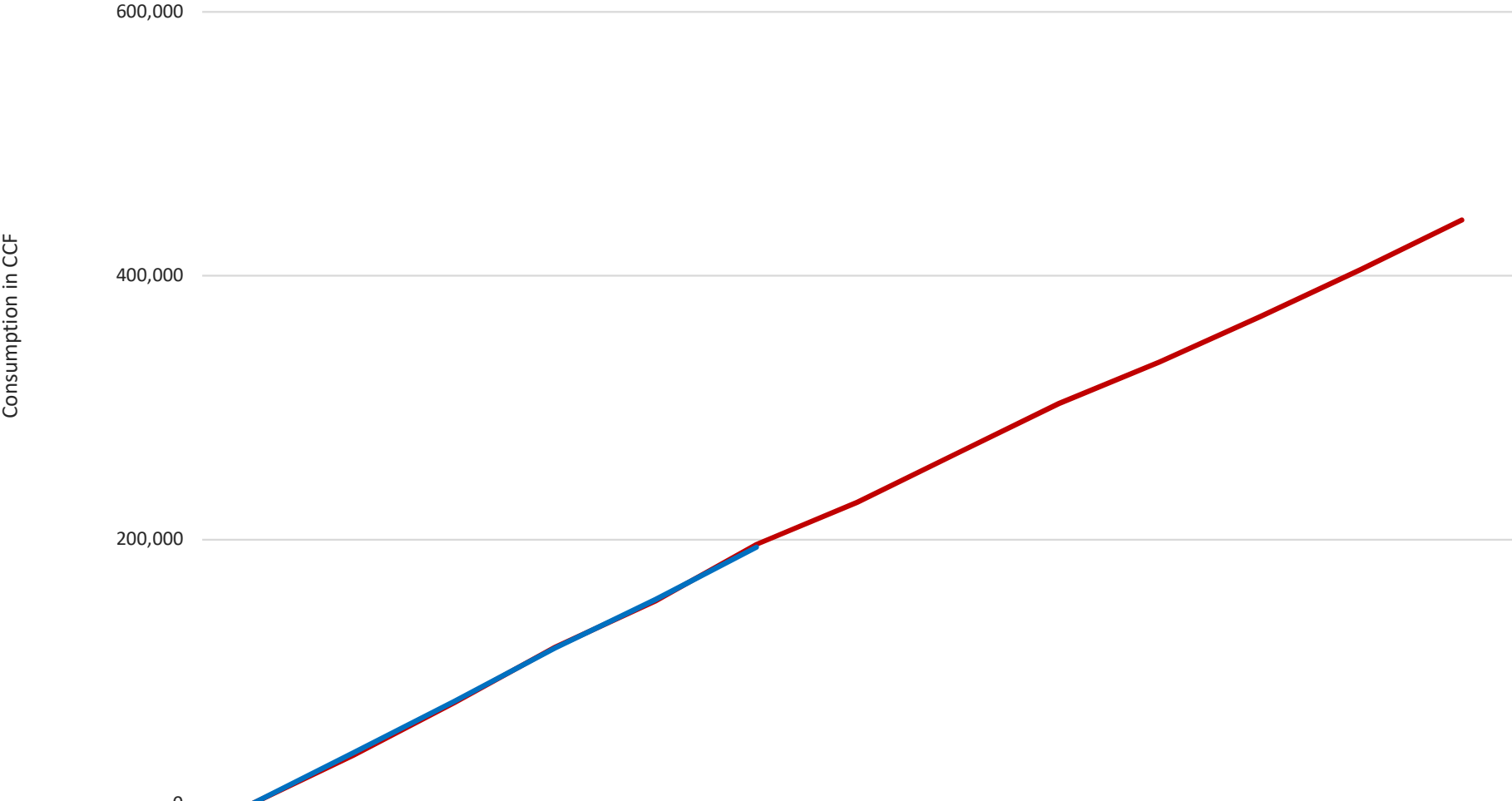
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	75,474	158,182	243,625	311,604	386,751	441,207	506,503	563,027	607,960	665,025	729,608	797,691
2025-2026	0	77,907	159,019	240,510	307,423	372,739							
% Change		3.22%	0.53%	-1.28%	-1.34%	-3.62%							

## Multi Family Residents Consumption



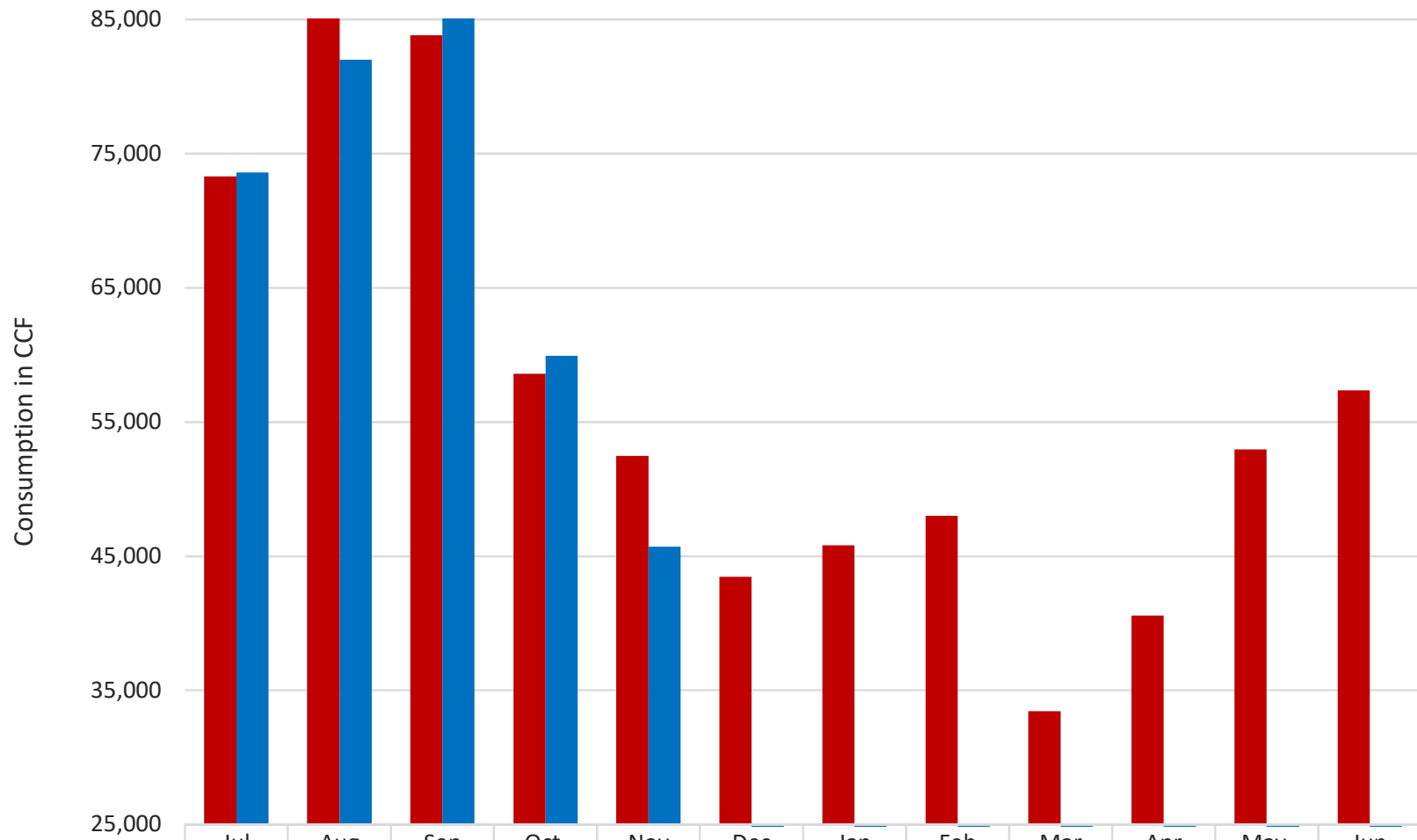
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	36,626	39,877	41,955	35,175	42,806	31,815	37,493	37,443	31,331	34,478	35,835	37,454
2025-2026	38,413	38,991	40,467	36,756	39,720							
% Change	4.88%	-2.22%	-3.55%	4.49%	-7.21%							

### Multi Family Residents YTD Consumption



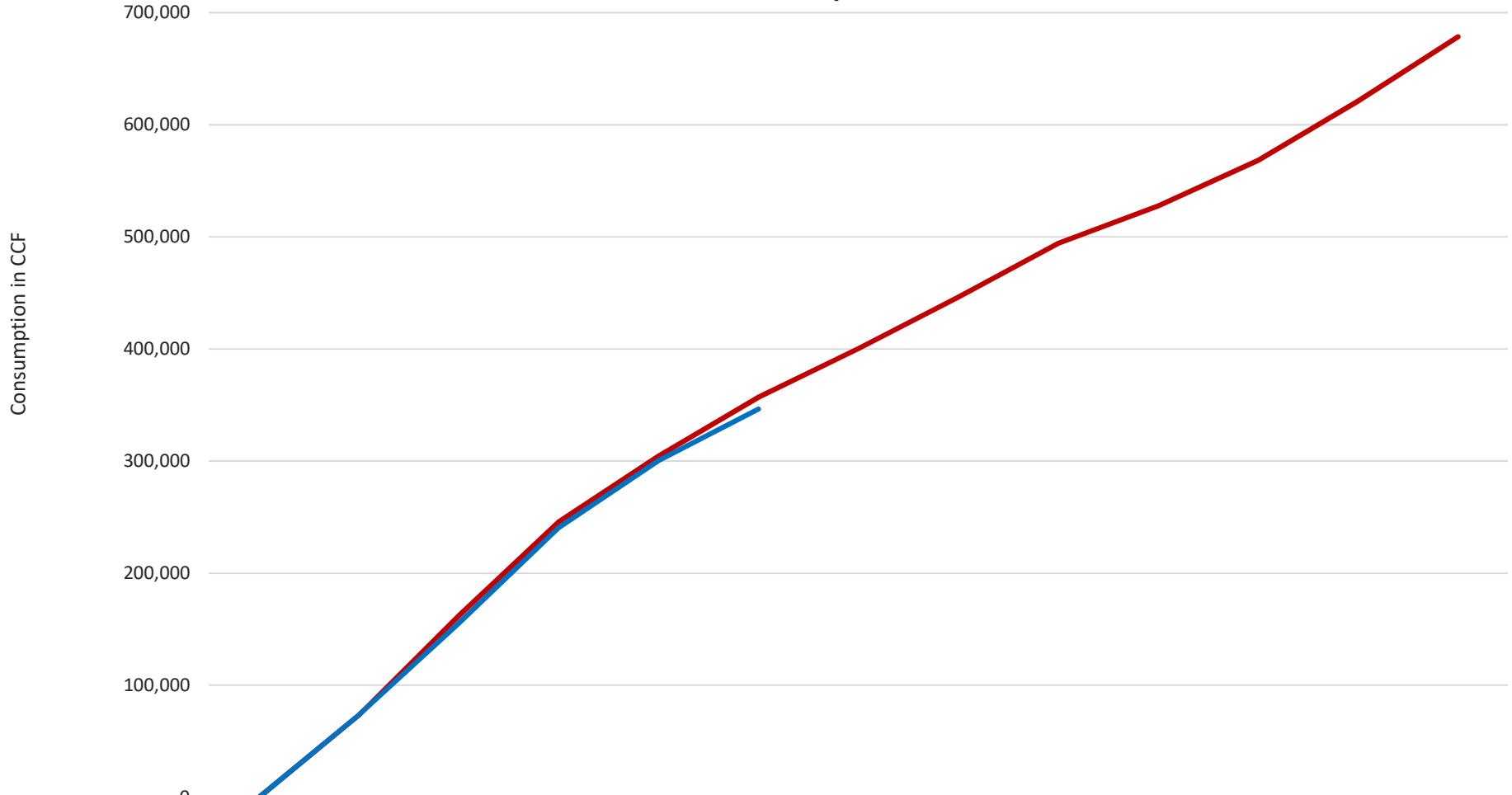
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	36,626	76,503	118,458	153,633	196,439	228,254	265,747	303,190	334,521	368,999	404,834	442,288
2025-2026	0	38,413	77,404	117,871	154,627	194,347							
% Change		4.88%	1.18%	-0.50%	0.65%	-1.06%							

## Laguna Woods Village Consumption (Excluding Dedicated Irrigation)



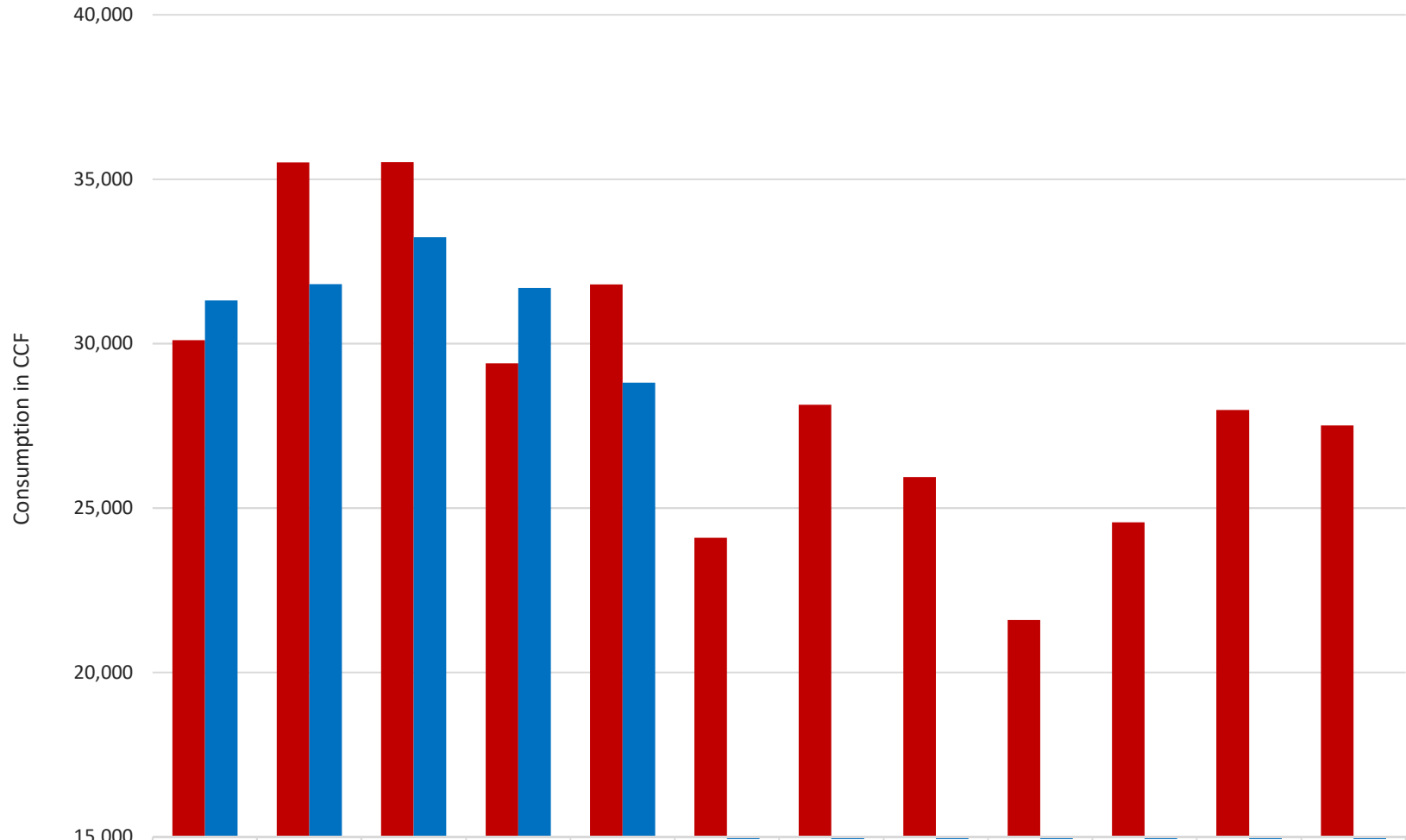
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
<span style="color: red;">■</span> 2024-2025	73,319	88,680	83,822	58,609	52,481	43,471	45,821	48,002	33,449	40,580	52,942	57,365
<span style="color: blue;">■</span> 2025-2026	73,586	82,006	85,095	59,933	45,731							
% Change	0.36%	-7.53%	1.52%	2.26%	-12.86%							

## Laguna Woods Village (Excluding Dedicated Irrigation) YTD Consumption



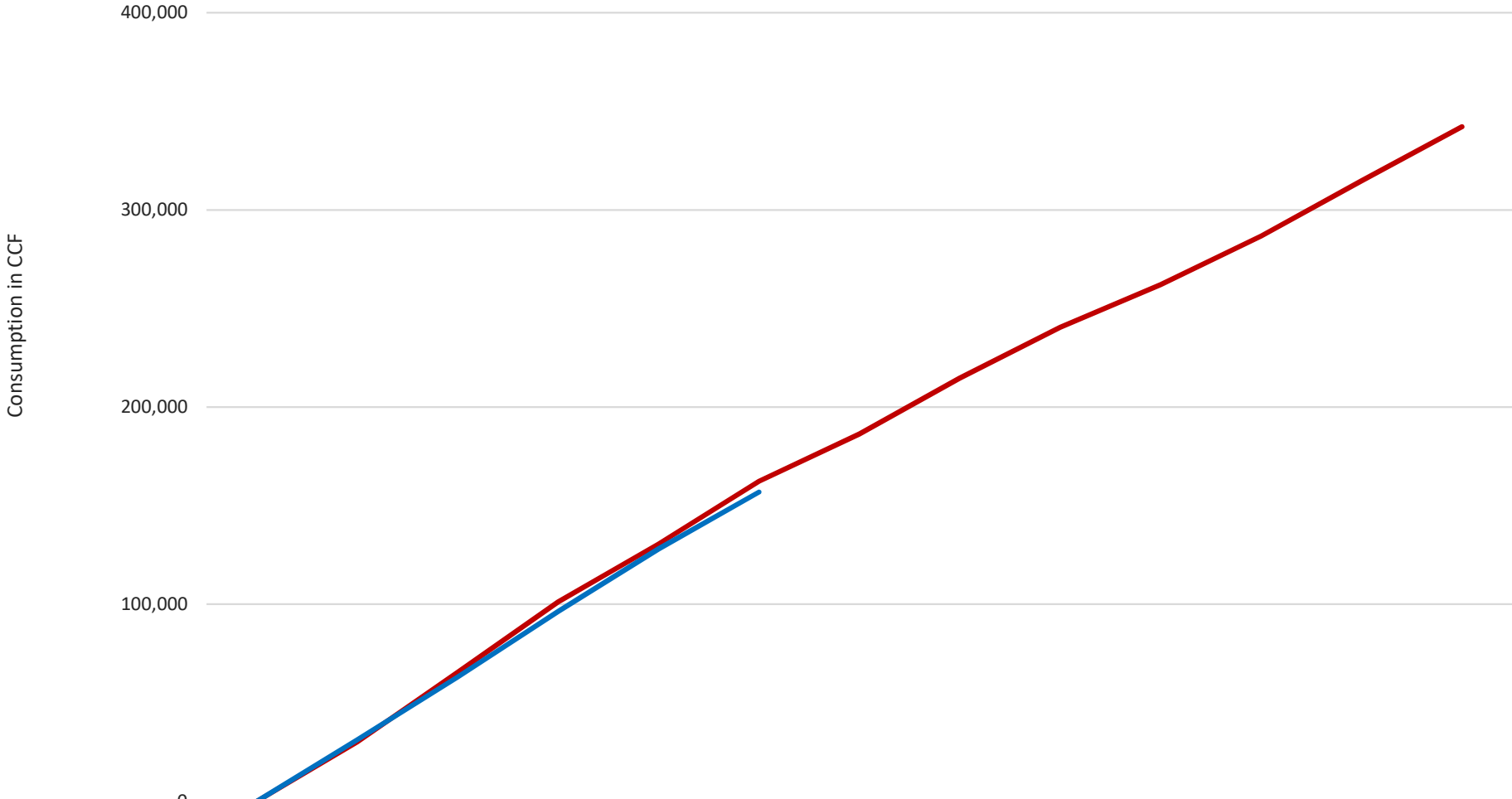
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	73,319	161,999	245,821	304,430	356,911	400,382	446,203	494,205	527,654	568,234	621,176	678,541
2025-2026	0	73,586	155,592	240,687	300,620	346,351							
% Change		0.36%	-3.95%	-2.09%	-1.25%	-2.96%							

## Commercial Consumption



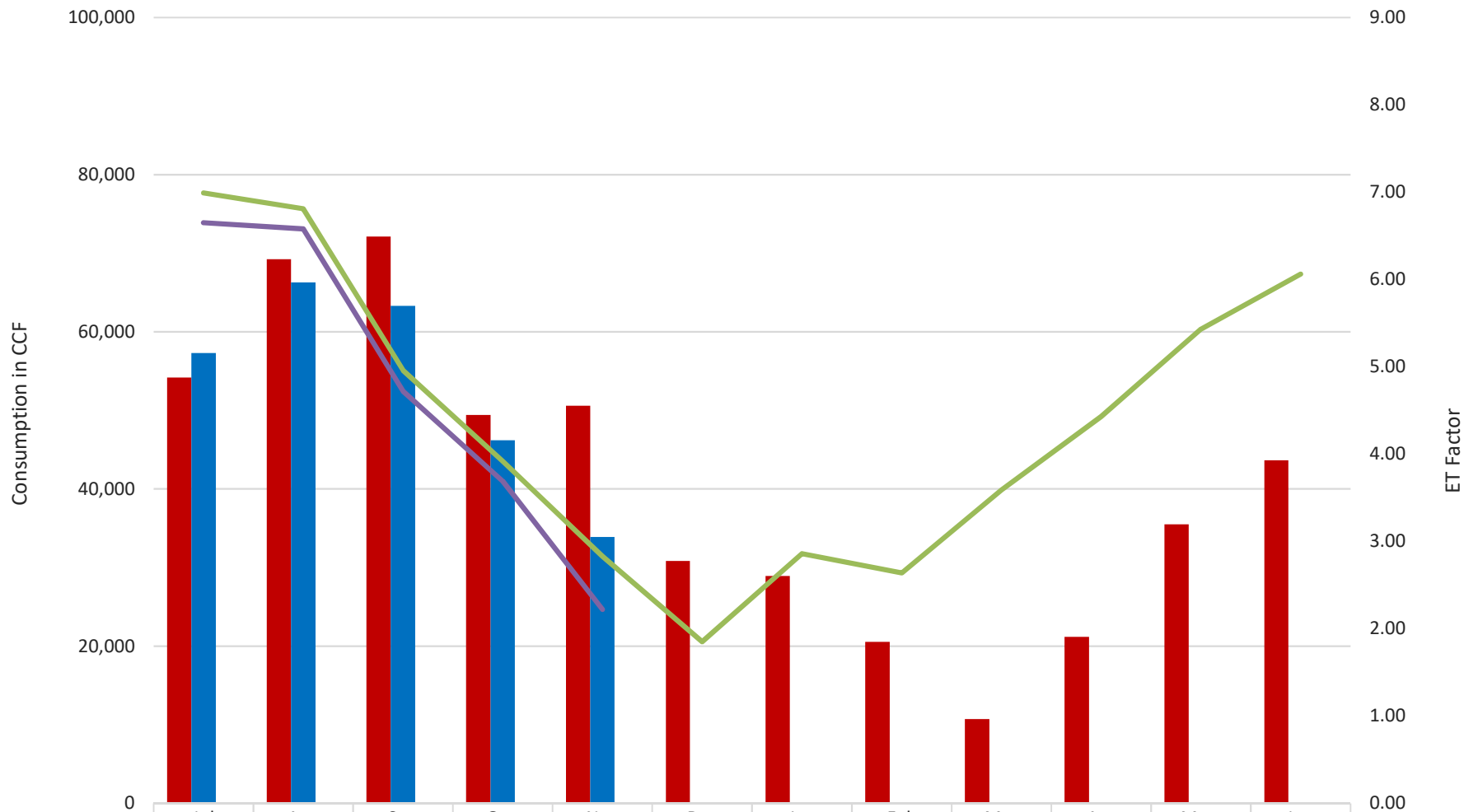
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	30,101	35,509	35,514	29,395	31,800	24,094	28,142	25,942	21,596	24,574	27,981	27,514
2025-2026	31,308	31,814	33,231	31,690	28,815							
% Change	4.01%	-10.41%	-6.43%	7.81%	-9.39%							

### Commercial YTD Consumption



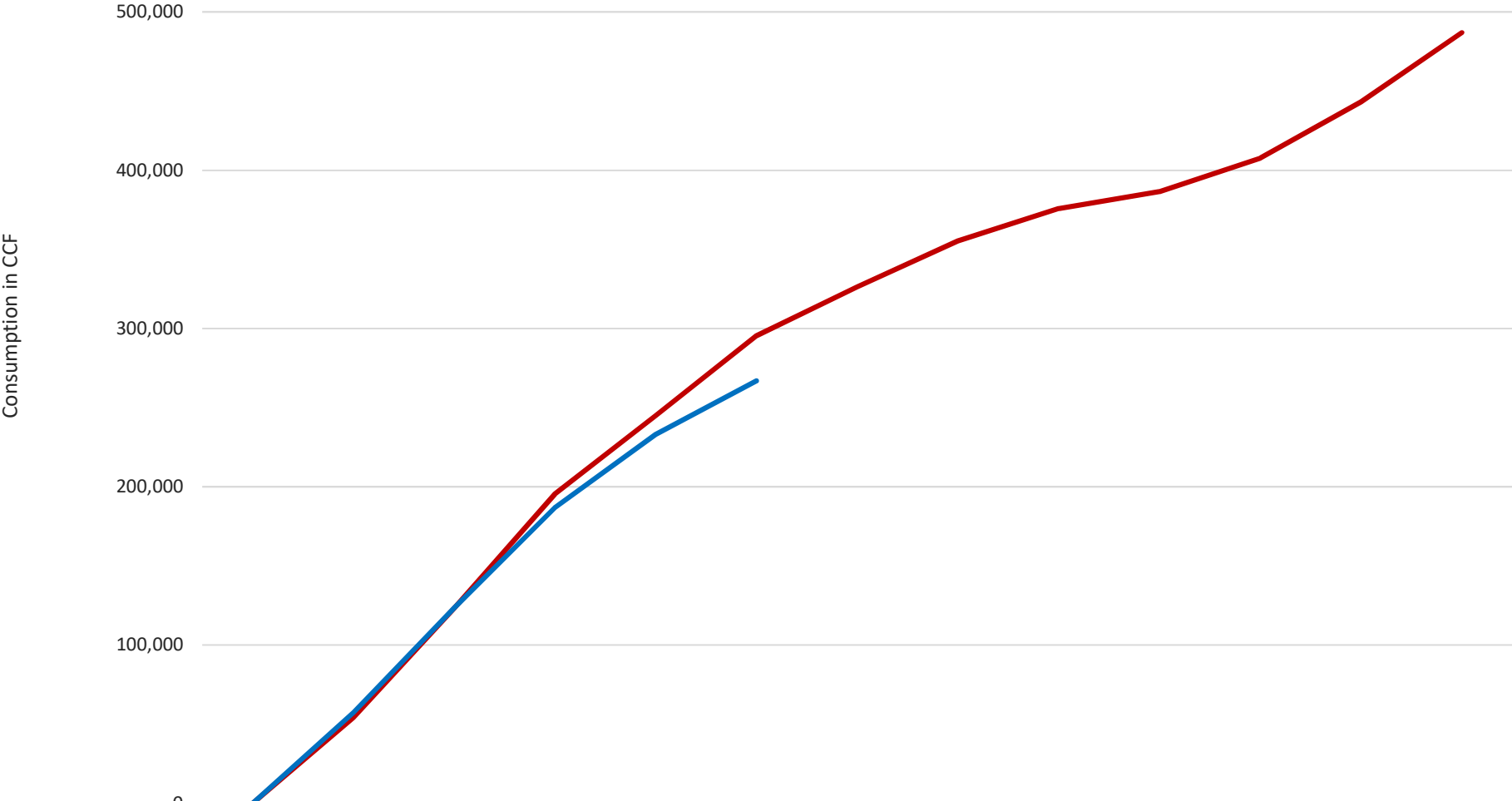
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	30,101	65,610	101,124	130,519	162,319	186,413	214,555	240,497	262,093	286,667	314,648	342,162
2025-2026	0	31,308	63,122	96,353	128,043	156,858							
% Change		4.01%	-3.79%	-4.72%	-1.90%	-3.36%							

### Dedicated Irrigation Consumption (including LWV)



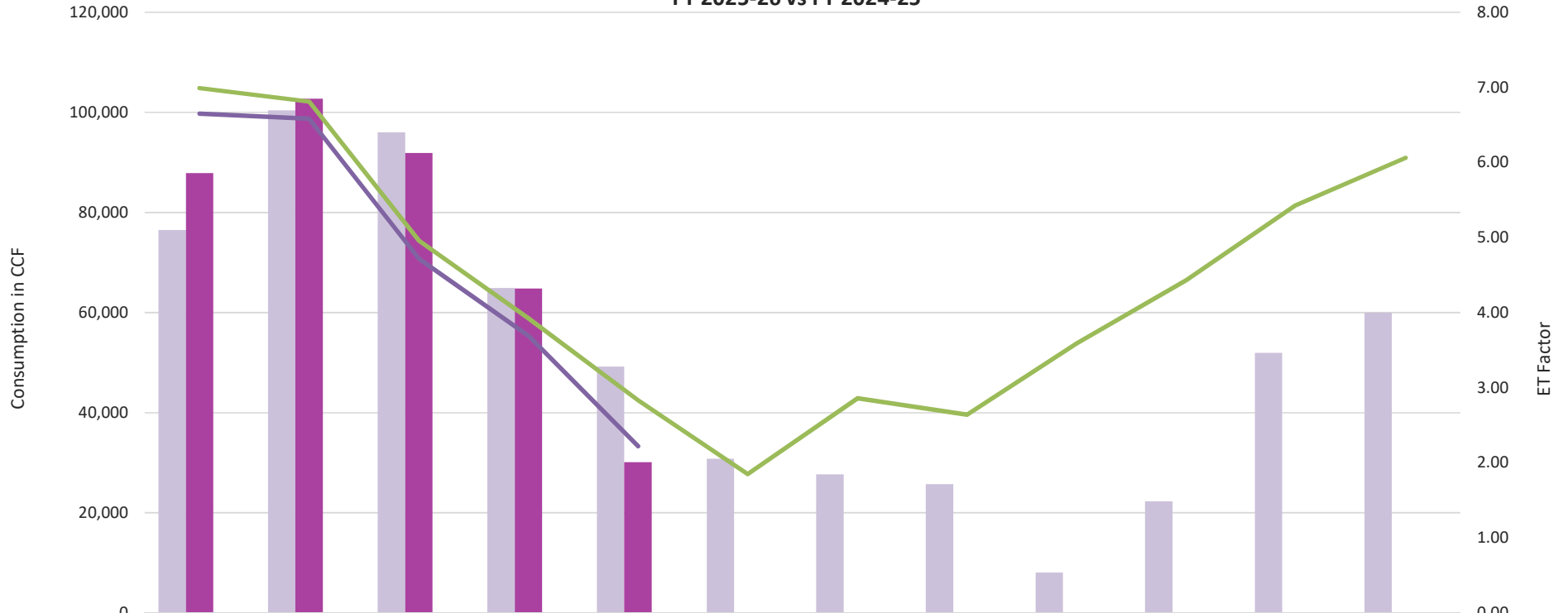
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	54,166	69,236	72,151	49,419	50,582	30,829	28,904	20,536	10,720	21,194	35,512	43,661
2025-2026	57,312	66,275	63,298	46,207	33,864							
% Change	5.81%	-4.28%	-12.27%	-6.50%	-33.05%							
24/25 ET	6.99	6.81	4.96	3.92	2.83	1.85	2.86	2.64	3.59	4.43	5.43	6.06
25/26 ET	6.65	6.58	4.72	3.69	2.22							

### Dedicated Irrigation Consumption (including LWV) YTD Consumption



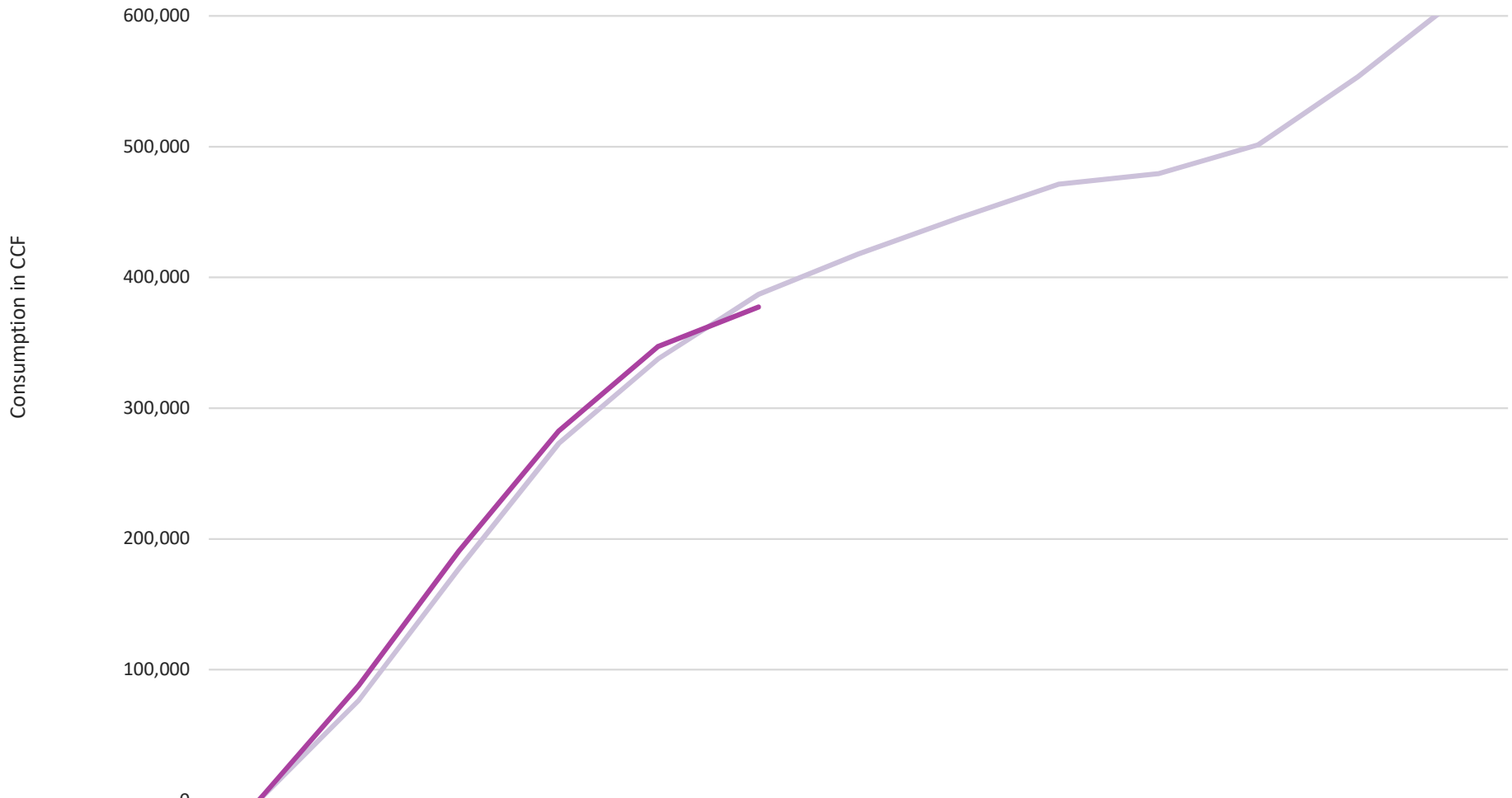
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	54,166	123,402	195,553	244,972	295,554	326,383	355,287	375,823	386,543	407,737	443,249	486,910
2025-2026	0	57,312	123,587	186,885	233,092	266,956							
% Change		5.81%	0.15%	-4.43%	-4.85%	-9.68%							

### Recycled Water Consumption FY 2025-26 vs FY 2024-25



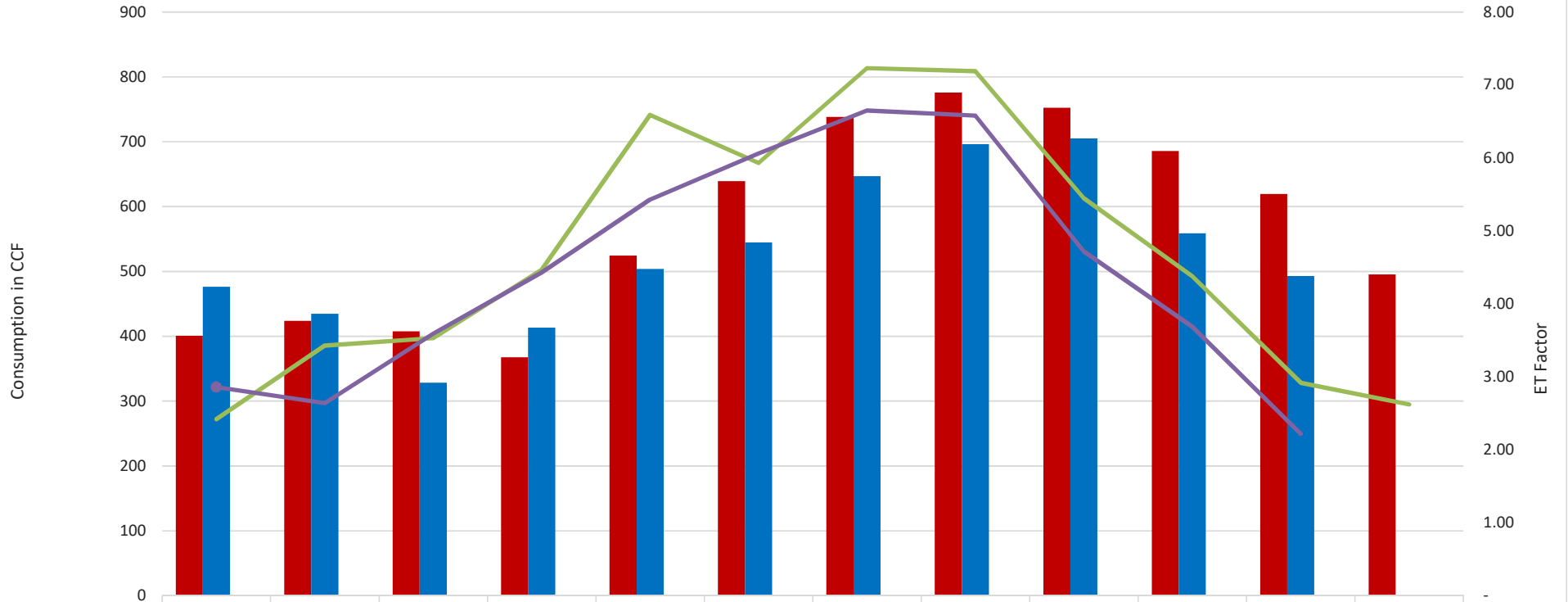
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
FY 2024-2025	76,508	100,368	96,005	64,890	49,208	30,793	27,651	25,705	8,085	22,263	51,983	60,007
FY 2025-2026	87,896	102,736	91,867	64,788	30,130							
% Change	14.88%	2.36%	-4.31%	-0.16%	-38.77%							
FY 24/25 ET	6.99	6.81	4.96	3.92	2.83	1.85	2.86	2.64	3.59	4.43	5.43	6.06
FY 25/26 ET	6.65	6.58	4.72	3.69	2.22							

### Recycled Water YTD Consumption



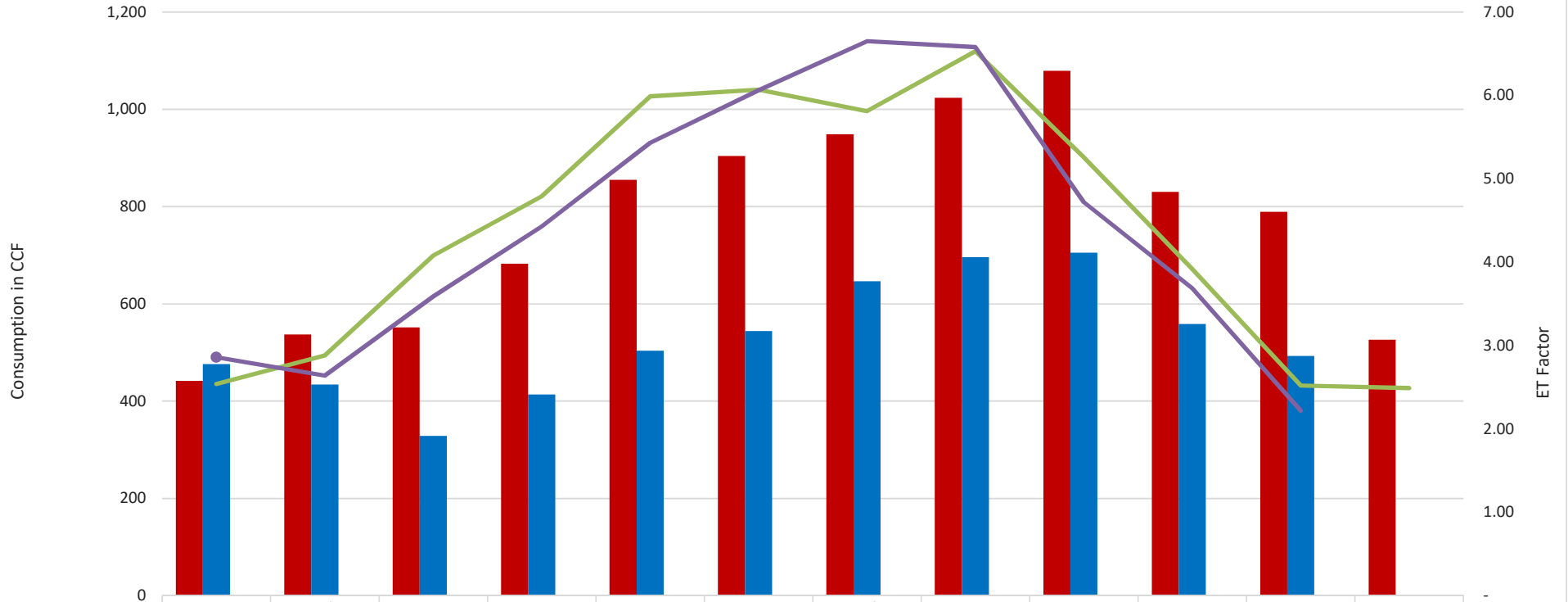
	YTD Start	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
2024-2025	0	76,508	176,876	272,881	337,771	386,979	417,772	445,423	471,128	479,213	501,476	553,459	613,466
2025-2026	0	87,896	190,632	282,499	347,287	377,417							
% Change		14.88%	7.78%	3.52%	2.82%	-2.47%							

### ETWD Customer Consumption vs 2020 (Potable AF)



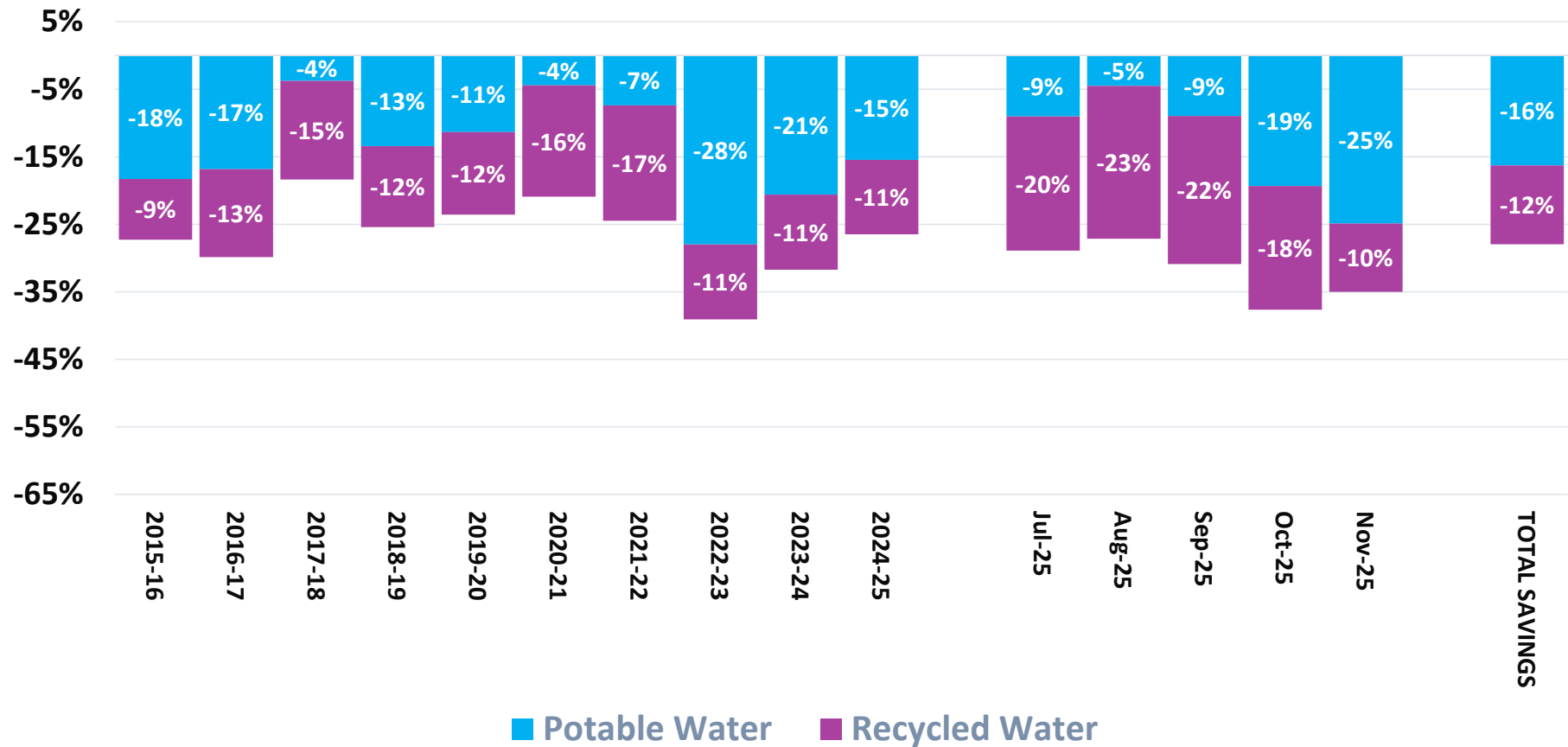
2020 Potable	400.80	423.80	407.54	367.77	524.43	639.41	738.29	775.67	752.37	685.68	619.43	495.20
2025 Potable	476.30	434.70	328.31	413.40	503.71	544.52	646.75	696.26	705.14	558.70	493.16	
Potable % Change	18.84%	2.57%	-19.44%	12.41%	-3.95%	-14.84%	-12.40%	-10.24%	-6.28%	-18.52%	-20.38%	
2020 ET	2.42	3.43	3.53	4.47	6.59	5.93	7.23	7.19	5.45	4.38	2.92	2.62
2025 ET	2.86	2.64	3.59	4.43	5.43	6.06	6.65	6.58	4.72	3.69	2.22	

**ETWD Customer Consumption vs 2013 (Potable AF)**



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2013 Potable	441.82	537.37	551.75	682.75	855.14	903.87	948.61	1023.72	1079.11	830.36	789.23	526.37
2025 Potable	476.30	434.70	328.31	413.40	503.71	544.52	646.75	696.26	705.14	558.70	493.16	
Potable % Change	7.80%	-19.11%	-40.50%	-39.45%	-41.10%	-39.76%	-31.82%	-31.99%	-34.66%	-32.72%	-37.51%	
2013 ET	2.54	2.88	4.08	4.79	5.99	6.07	5.81	6.53	5.26	3.92	2.52	2.49
2025 ET	2.86	2.64	3.59	4.43	5.43	6.06	6.65	6.58	4.72	3.69	2.22	

# ETWD WATER USAGE COMPARED TO 2013



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



Lynda May, Assistant Secretary  
SOCWA and the Board of Directors thereof

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

December 11, 2025  
8:30 a.m.

**PHYSICAL MEETING LOCATION:**  
Ocean Institute  
24200 Dana Point Harbor Drive  
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) 234-5400 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY LYNDA MAY AT [LMAY@SOCWA.COM](mailto:LMAY@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 UNMUTE 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 UNMUTE 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 949-234-5400. 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: 830 6335 7569  
Passcode: 372211

One Tap Mobile  
+16694449171,, 83063357569#,,,,\*372211# US  
+16699006833,, 83063357569#,,,,\*372211# US (San Jose)

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.

PAGE NO.

- 5. CONSENT CALENDAR

A. Minutes of Board of Directors ..... 1

- Board of Directors Regular Meeting of November 6, 2025

ACTION The Board will be requested to approve the subject Minutes.

B. Minutes of Finance Committee..... 7

- Finance Committee Special Meeting of September 16, 2025

ACTION The Board will be requested to receive and file the subject Minutes.

C. Minutes of Engineering Committee ..... 10

- Engineering Committee Regular Meeting of September 11, 2025

ACTION The Board will be requested to receive and file the subject Minutes.

D. Minutes of Executive Committee ..... 13

- Executive Committee Special Meeting of October 28, 2025

ACTION The Executive Committee recommends to the Board to approve the subject Minutes.

Agenda

E. Financial Reports for the Months of September..... 15

The reports included are as follows:

a. Budget vs. Actual Expenses:

- Capital Projects Summaries (Exhibit A)
- Operations and Environmental Summary (Exhibit A-1)
- Operations and Environmental by PC (A-1.2)
- Administration (Exhibit A-3)
- Information Technology (IT) (Exhibit A-4)

ACTION      The Finance Committee recommends that the Board of Directors receive and file the September 2025 Financial Reports.

F. Quarterly Investment Report Update.....28

ACTION      The Finance Committee recommends that the Board of Directors receive and file the Quarterly Investment Reports.

G. October 2025 Operations Report .....33

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

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

H. Capital Improvement Construction Projects Progress and Change Order Report (November) [Project Committees 2 and 15].....75

ACTION      Information Item.

6. ENGINEERING MATTERS

A. JBL Facility Planning Assessment Contract Award [Project Committee 2].....87

ACTION      The Engineering Committee recommend that the PC 2 Board of Directors:

1. Authorize execution of a contract with HDR in the amount of \$545,325 for the JBL FPA contract.
2. Authorize a contract contingency of \$109,066, to cover the additional scope item, and to address any unforeseen issues during the planning phase.

Agenda

- B. J.B. Latham Treatment Plant Old Effluent Pump Station Storage and Staging Area Construction Contract Award [Project Committee 2].....216

ACTION      The Engineering Committee recommend that the PC 2 Board of Directors:

- 1. Approve an increase of \$600,000 to the project budget, resulting in a revised total project budget of \$850,000.
- 2. Authorize execution of a contract with Pacific Hygrotech in the amount of \$791,700 for the JBL Old Effluent Pump Storage and Staging Area project.
- 3. Approve a construction contingency of \$39,585 to address any unforeseen conditions encountered during the work.

- C. Contract Award for Coastal Treatment Plant West Primary and Secondary Scum Skimming System Construction [Project Committee 15].....263

ACTION      The Engineering Committee recommend that the PC 15 Board of Directors:

- 1. Approve an increase of \$500,000 to the project budget, resulting in a revised total project budget of \$1.75 million.
- 2. Authorize execution of a contract with Filanc in the amount of \$784,000.
- 3. Approve a construction contingency of \$35,040 to address any unforeseen conditions encountered during the work.

7. GENERAL MANAGER’S REPORT

- A. Resolution No. 2025-15: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Adopting the position change for the Administration department and Employee Salary Ranges Updated Exhibit “B” Salary Schedule and Exhibit “C” Organization Chart for January 2026..... 309

ACTION      Staff recommends that the Board of Directors approve Resolution No. 2025-15: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Adopting the position of Lead Operator and Assistant Clerk and Revised Employee Salary Ranges updated Exhibit “B” Salary Schedule and Exhibit “C” Organization Chart for January 2026.

- B. Resolution No. 2025-16: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Approving the Updated SOCWA Policy Handbook ..... 320

ACTION      Board Discussion, Direction and Action.

- C. Annual Financial Policy Update..... 325

ACTION      Information Item.

- D. General Manager’s Report ..... 329

ACTION      Information Item.

South Orange County Wastewater Authority  
Board of Directors Meeting  
December 11, 2025

Agenda

- E. SB 707 Virtual/Remote Meeting Options for SOCWA..... 331  
ACTION Board Discussion, Direction and Action.
  
- F. 2026 Meeting Calendar ..... 337  
ACTION Board Discussion, Direction and Action.
  
- G. Resolution No. 2025-17: A Resolution of the Board of Directors of the South Orange County Wastewater Authority Acknowledging Receipt of the 2025 'Roses' Award for the 2024 Reorganization Efforts ..... 339  
ACTION Staff recommends that the Board adopt Resolution No. 2025-17, entitled "A Resolution of the Board of Directors of the South Orange County Wastewater Authority Acknowledging Receipt of the 2025 'Roses' Award for the 2024 Reorganization Efforts."

H. Closed Session

- 1. Closed Session Conference with Legal Counsel—Existing Litigation pursuant to (Gov. Code 54956.9(d)(1)): *Case: SOCWA v. Olsson Construction, Inc.*  
OCSC Case No. 30-2025-01465359-CU-BC-NJC
- 2. Report out of Closed Session

8. OTHER MATTERS

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

9. ADJOURNMENT

**NOTICE OF CANCELLATION**  
**OF THE**  
**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**  
**SPECIAL MEETING OF THE**  
**FINANCE COMMITTEE**  
**December 16, 2025**  
**10:30 a.m.**

NOTICE IS HEREBY GIVEN that the Special Meeting of the South Orange County Wastewater Authority Finance Committee scheduled to be held on December 16, 2025, at 10:30 a.m. at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California, has been canceled. The next Finance Committee meeting is scheduled for January 20, 2026, at 10:30 a.m..

I hereby certify that the foregoing Notice was personally emailed, faxed, or mailed to each member of the Finance Committee.

I hereby certify that the foregoing Notice was posted at the usual agenda posting location of the South Orange County Wastewater Authority (SOCWA) and at [www.socwa.com](http://www.socwa.com).

Dated this 1st day of December 2025.



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Lynda May, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**NOTICE OF CANCELLATION**  
OF THE  
**SOUTH ORANGE COUNTY WASTEWATER AUTHORITY**  
REGULAR MEETING OF THE  
ENGINEERING COMMITTEE  
December 18, 2025  
8:30 a.m.

NOTICE IS HEREBY GIVEN that the Regular Meeting of the South Orange County Wastewater Authority Engineering Committee to be held on December 18, 2025, at 8:30 a.m. at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California, has been canceled. The next Engineering Committee meeting is scheduled for January 15, 2026, at 8:30 a.m..

I hereby certify that the foregoing Notice was personally emailed, faxed, or mailed to each member of the Engineering Committee.

I hereby certify that the foregoing Notice was posted at the South Orange County Wastewater Authority (SOCWA) 's usual agenda posting location and at [www.socwa.com](http://www.socwa.com).

Dated this 1st day of December 2025.



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Lynda May, Administrative Assistant  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY



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**OTHER BUSINESS**

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7. GENERAL MANAGER REPORT – COOK
8. ENGINEER REPORT – BURTON
9. MWDOC REPORT
10. ATTORNEY REPORT
11. COMMISSIONER COMMUNICATIONS

Commissioners may discuss meetings, communications, correspondence, or other items of general interest relating to matters within the Commission's jurisdiction. There will be no voting or formal action taken.

12. ADJOURN

Availability of agenda materials: Agenda exhibits and other writings that are disclosable public records distributed to all or a majority of the members of the Santiago Aqueduct Commission in connection with a matter subject to discussion or consideration at an open meeting of the Commission are available for public inspection in the District's office, 15600 Sand Canyon Avenue, Irvine, California. If such writings are distributed to members of the Commission less than 72 hours prior to the meeting, these writings will be available from the IRWD District Secretary at the same time as they are distributed to Commission members, except that if such writings are distributed one hour prior to, or during, the meeting, they will be available at the entrance of the meeting room at the District Office. The IRWD Board Room is wheelchair accessible. If you require any special disability-related accommodations (e.g., access to an amplified sound system, etc.), please contact the District Secretary at (949) 453-5300 during business hours at least seventy-two (72) hours prior to the scheduled meeting. This agenda can be obtained in an alternative format upon written request to the District Secretary at least seventy-two (72) hours prior to the scheduled meeting.

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**PLANNING & OPERATIONS COMMITTEE**  
18700 Ward Street, Conference Room 101, Fountain Valley, CA 92708  
December 1, 2025, 8:30 a.m.

Teleconference Sites:  
25652 Paseo De La Paz, San Juan Capistrano, CA 92675  
17420 Walnut Street, Fountain Valley, CA 92708

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

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

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

**P&O Committee:**  
Director Seckel, Chair  
Director Yoo Schneider  
Director Dick

Staff: H. De La Torre, M. Baum-Haley,  
A. Crespi, V. Osborn, C. Busslinger,

Ex Officio Member: President McVicker

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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 need and take action to agendize item(s), which arose 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 THE 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 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 Website, accessible at <http://www.mwdoc.com>.

**INFORMATION ITEMS**

1. SOUTH ORANGE COUNTY WATERSHED MANAGEMENT AREA
2. METROPOLITAN'S LEGISLATIVE PRIORITIES AND PRINCIPLES FOR 2026
3. PUBLIC AFFAIRS HIGHLIGHTS
4. DEPARTMENT ACTIVITIES REPORTS
  - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
  - b. WEROC
  - c. Water Use Efficiency Projects
  - d. Public and Government Affairs
5. 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 Angela Crespi, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at 18700 Ward Street, Unit B, Fountain Valley, CA 92708. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
Jointly with the  
**ADMINISTRATION & FINANCE COMMITTEE**  
18700 Ward Street, Conference Room 101, Fountain Valley, CA 92708  
December 10, 2025, 8:30 a.m.

Teleconference Sites:  
25652 Paseo De La Paz, San Juan Capistrano, CA 92675  
17420 Walnut Street, Fountain Valley, CA 92708

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

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

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

Staff: H. De La Torre, M. Baum-Haley,  
A. Crespi, C. Harris, H. Chumpitazi,

Ex Officio Member: President McVicker

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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 need and take action to agendize item(s), which arose 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 THE MEETING**

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## **PROPOSED BOARD CONSENT CALENDAR ITEMS**

1. TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report – November 2025
  - b. Disbursement Approval Report for the month of December 2025
  - c. Disbursement Ratification Report for the month of November 2025
  - d. GM Approved Disbursement Report for the month of November 2025
  - e. Consolidated Summary of Cash and Investment – October 2025
  - f. OPEB and Pension Trust Fund statement
  
2. FINANCIAL REPORT
  - a. Combined Financial Statements and Budget Comparative for the Period Ending October 31, 2025

## **PRESENTATION ITEM**

3. YEAR-END FINANCIAL AUDIT (PRESENTATION BY AUDITORS)

## **ACTION ITEM**

4. AMENDMENT TO THE BEST BEST & KRIEGER, LLP AGREEMENT FOR LEGAL SERVICES

## **INFORMATION ITEMS**

5. PROFESSIONAL SERVICES AGREEMENT WITH CALIFORNIA DATA COLLABORATIVE
  
6. DEPARTMENT ACTIVITIES REPORTS
  - a. Administration
  - b. Finance and Information Technology
  
7. MONTHLY WATER USAGE DATA AND WATER SUPPLY INFORMATION

## **OTHER ITEMS**

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

## **ADJOURNMENT**

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

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Angela

Crespi, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at 18700 Ward Street, Unit B, Fountain Valley, CA 92708. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Conference Room 101, Fountain Valley, California  
December 11, 2025, 8:30 a.m.

Teleconference Sites:  
25652 Paseo De La Paz, San Juan Capistrano, CA 92675  
17420 Walnut Street, Fountain Valley, CA 92708

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(877) 853 5247 Toll-free**

**Webinar ID: 882 866 5300#**

## AGENDA

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### **MOMENT OF SILENCE**

### **PLEDGE OF ALLEGIANCE**

### **ROLL CALL**

### **PUBLIC 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. 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 THE MEETING**

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**NEXT RESOLUTION NO. 2164**

**CONSENT CALENDAR (Items 1 to 4)**

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

**1. MINUTES**

- a. November 3, 2025 Planning & Operations Committee Meeting
- b. November 5, 2025 Workshop Board Meeting
- c. November 12, 2025 Administration & Finance Committee Meeting
- d. November 19, 2025 Regular Board Meeting
- e. November 20, 2025 Executive Committee Meeting

*Recommendation: Approve as presented.*

**2. TREASURER'S REPORTS**

- a. MWDOC Revenue/Cash Receipt Register as of November 30, 2025
- b. Disbursement Registers (November/December)

*Recommendation: Ratify and approve as presented.*

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of October 31, 2025
- d. PARS Monthly Statement (OPEB Trust)

*Recommendation: Receive and file as presented*

**3. FINANCIAL REPORT**

- a. Combined Financial Statements and Budget Comparative for the Period Ending October 31, 2025

*Recommendation: Receive and file as presented.*

**4. AMENDMENT TO THE BEST BEST & KRIEGER, LLP AGREEMENT FOR LEGAL SERVICES**

*Recommendation: Staff recommends the Board of Directors authorize the General Manager to execute an amendment to the agreement with Best Best & Krieger, LLP (BBK) for District legal services that adjusts its legal service rates effective January 1, 2026, and extends the time before the Board will consider resoliciting by an additional three years to September 1, 2030; in concurrence with the provisions of Admin Code §8000.*

**End Consent Calendar**

**ACTION ITEMS**

**5. REORGANIZATION OF THE MWDOC BOARD OF DIRECTORS; ELECTION OF PRESIDENT AND VICE PRESIDENT**

*Recommendation: Staff recommends the Board of Directors nominate and complete a roll call vote to elect by resolution(s) the President and Vice President of the Board.*

**6. APPOINTMENT OF MWDOC OFFICERS**

*Recommendation: Staff recommends the Board of Directors adopt a resolution to appoint the MWDOC Officers.*

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

**7. SUMMARY OF SENATE BILLS 707 AND 827**

*Recommendation: Receive and file as presented.*

**8. GENERAL MANAGER'S REPORT, DECEMBER (ORAL AND WRITTEN)**

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

**9. 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 Angela Crespi, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County 18700 Ward Street, Unit B, Fountain Valley, CA 92708. 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.

**SOUTH ORANGE COUNTY AGENCIES GROUP JOINT MEETING**  
**TUESDAY, NOVEMBER 25, 2025**  
**12:00 P.M. to 1:30 P.M.**  
**AGENDA**

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

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1. Welcome and Introductions
2. MWDOC Update/Discussion
  - a. MWDOC Current Issues
  - b. Other Matters
3. MET Update/Discussion
  - a. MET Current Issues
  - b. MET CAMP4W Update
  - c. MET Water Supply Issues
  - d. Other Matters
4. OCWD Update/Discussion
  - a. Current Issues
  - b. Other Matters
5. Legislative/Regulatory Update
  - a. Local
    - i. OC-LAFCO Matters
  - b. State
  - c. Federal
6. Regional Project Interests/Updates
  - a. Emergency GW Supply Project
  - b. Doheny Ocean Desalination Project Update
  - c. San Juan Watershed Project
  - d. Other Project Interests/Updates
7. Any Agency/City Updates
8. Adjournment

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*SOUTH ORANGE COUNTY AGENCIES' GROUP CONSISTS OF MEMBERS AND REPRESENTATIVES FROM*  
City of San Clemente • El Toro Water District • Emerald Bay Service District  
Irvine Ranch Water District • Laguna Beach County Water District • Moulton Niguel Water District  
Santa Margarita Water District • South Coast Water District • Trabuco Canyon Water District

## **NOTICE OF ADJOURNMENT**

### **LOCAL AGENCY FORMATION COMMISSION OF ORANGE COUNTY**

#### **REGULAR MEETING AGENDA**

**Wednesday, December 10, 2025  
8:15 a.m.**

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

The Local Agency Formation Commission of Orange County will not conduct its Regular Meeting on December 10, 2025. The next scheduled meeting of the Commission will take place on Wednesday, January 14, 2025, commencing at 8:15 a.m. at the County Administrative North (CAN), First Floor Multipurpose Room 101, 400 W. Civic Center Dr., Santa Ana, CA 92701.

For more information or questions, you may contact Luis Tapia, Executive Officer, at (714) 640-5100 or by email at [ltapia@oclafco.org](mailto:ltapia@oclafco.org).

**Posted: November 24, 2025**



## Executive Committee Meeting

Tuesday, December 9, 2025  
7:30 a.m.

### Mailing Address

18700 Ward Street  
Fountain Valley, CA 92708

### Meeting Location

MWDOC/OCWD  
18700 Ward Street  
Fountain Valley, CA 92708

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

www.isdoc.net

Join Zoom Meeting

<https://mwdoc.zoom.us/j/83420776167>

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

## AGENDA

### Executive Committee

#### President

**Hon. Bob McVicker**  
*Municipal Water District of  
Orange County*

#### 1<sup>st</sup> Vice President

**Hon. Paul Mesmer**  
*Surfside Colony Community Services  
District*

#### 2<sup>nd</sup> Vice President

**Hon. Marilyn Thoms**  
*East Orange County Water District*

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

**Hon. Al Nederhood**  
*Municipal Water District of  
Orange County*

#### Secretary

*Vacant*

#### Treasurer

**Hon. Sandra Jacobs**  
*Santa Margarita Water District*

#### Immediate Past President

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

### Staff Administration

#### Heather Baez

*Municipal Water District of  
Orange County*

#### Tina Dubuque

*Municipal Water District of  
Orange County*

- **Welcome**
- **Approval of Minutes**
  - Approval of Minutes: November 4, 2025
- **Public Comments on items not on the agenda**
- **New Business**
- **Old Business**
  - Update on Form 700 Workshop
- **Treasurer's Report – Director Sandra Jacobs**
  - Report on accounts
- **CSDA Report – Chris Palmer**
  - Receive, discuss, and file the CSDA Report
- **LAFCO Report – Director Jim Fisler**
  - Receive, discuss, and file the LAFCO report

- **ACWA Report – Director Sandra Jacobs**
  - Receive, discuss, and file the ACWA report
- **OCCOG Report – Director Mike Scheafer**
  - Receive, discuss, and file the OCCOG report
- **Operational Area (OA) Executive Board Report – Director Larry Dick**
  - Receive, discuss, and file the OA report
- **California Association of Sanitation Agencies (CASA) Report – SOCWA Representative**
  - Receive, discuss, and file the CASA report
- **Subcommittee Reports**
  - Programs – Director Mesmer
    - January Program Update/Discussion
    - 2026 Programs
  - – Director Thoms
    - Update on Associate Membership Renewals
  - Legislative – Director Nederhood
- **Adjourn**



**Water Advisory Committee of Orange County  
(WACO) Virtual Meeting**

**Friday, December 12, 2025  
7:30 a.m. – 9:00 a.m.**

**Zoom Registration:**  
[Click here to register](#)

**Officers**

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

**Vice Chair**  
**Hon. Karl Seckel**  
*Municipal Water District of Orange County*

**Staff Contacts**

**Medha Paliwal / Crystal Nettles**  
*Orange County Water District (OCWD)*  
(714) 378-3200  
[www.ocwd.com/news-events/events/waco](http://www.ocwd.com/news-events/events/waco)

**Heather Baez / Tina Dubuque**  
*Municipal Water District of Orange County (MWDOC)*  
(714) 963-3058  
[www.mwdoc.com/waco](http://www.mwdoc.com/waco)

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**AGENDA**

**Welcome**

- Greg Mills, Serrano Water District

**Reports**

- Metropolitan Water District of Southern California (MET)
- Association of California Water Agencies (ACWA)

**Program**

State Water Resources Control Board – An Overview of Critical  
Issues on the Horizon

Speaker:  
Erik Ekdahl, Chief Deputy Director  
State Water Resources Control Board

**Agency Announcements**

**Adjourn**

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***Next WACO Meeting***

Friday, January 9, 2026 at 7:30 a.m. via Zoom

***Next WACO Planning Committee Meeting***

Tuesday, December 16, 2025 at 7:30 a.m. via Zoom

**DATES TO REMEMBER**  
**DECEMBER 2025/JANUARY 2026**

1. Dec 19 – 12:00 p.m. – Pres/VP/GM Meeting
2. Dec 25 – CHRISTMAS DAY – DISTRICT OFFICE CLOSED
3. Dec 26 – DISTRICT OFFICE CLOSED
4. Jan 1 – NEW YEARS DAY - DISTRICT OFFICE CLOSED
5. Jan 5 – 8:30 a.m. – MWDOC P&O
6. Jan 6 – 7:30 a.m. – ISDOC Executive Meeting
7. Jan 6 – 10:00 a.m. – RRC Meeting
8. Jan 7 – 8:30 a.m. – MWDOC Met Directors Workshop
9. Jan 8 – 8:30 a.m. – SOCWA Board Meeting
10. Jan 9 – DISTRICT OFFICE CLOSED
11. Jan 12 – 10:00 a.m. – Agenda Review Meeting
12. Jan 14-16 – CASA Winter Conference; Indian Wells
13. Jan 14 – 8:15 a.m. – LAFCO
14. Jan 14 – 8:30 a.m. – MWDOC Admin/Finance
15. Jan 15 – 8:30 a.m. – SOCWA Engineering meeting
16. Jan 16 – 12:00 p.m. – Pres/VP/GM Meeting
17. Jan 19 – 7:30 a.m. – Regular Finance and Engineering Meeting
18. Jan 20 – 8:30 a.m. – SOCWA Finance meeting
19. Jan 21 – 8:30 a.m. – MWDOC Board Meeting
20. Jan 22 – 7:30 a.m. – Regular Board Meeting
21. Jan 23 – DISTRICT OFFICE CLOSED
22. Jan 26 – 5:30 p.m. – MWDOC Water Policy Forum
23. Jan 29 – 11:30 a.m. – ISDOC Quarterly Luncheon

**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 bacteria 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 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 process, 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 1970's. 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.

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 1000,000 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 member of the ACWA.

LAIIF: 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

OCBD: 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 homeowners 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 of 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 Publicity. 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 the 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 form 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

SRE: 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 of 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 1<sup>st</sup> of one calendar year to September 30<sup>th</sup> of the following calendar year.

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

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

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

Water table: The top level of water stored underground.

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

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

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

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

Xeriscape: Landscaping that requires minimal water.