

CITY OF GLENDORA WATER COMMISSION

AGENDA

Thursday, January 23, 2025

7:00 PM

CITY HALL COUNCIL CHAMBER, 116 E. FOOTHILL BOULEVARD, GLENDORA

As a courtesy to others attending this meeting, please turn off or place in silent mode all cell phones and other communication devices while in the Council Chamber. Thank you.



CHAIR

Richard Hansen

VICE-CHAIR

Michael Holmes

COMMISSIONERS

Pat Cici Jr

Greg Lammers

David Thomas



GUIDE TO PUBLIC MEETINGS



**PARTICIPATING IN
PUBLIC MEETING**



MEETING MATERIALS ACT

CALL TO ORDER

ROLL CALL

PLEDGE OF ALLEGIANCE

REORDERING OF AND ADDITIONS TO THE AGENDA

PUBLIC COMMENT

Three (3) Minute speaking time limit, speaking once, unless upon motion, such time is extended by the Governing Board.

Any person may request to address a legislative body during a public meeting by submitting to the City Clerk a Speakers Request form and stating the topic to be addressed.

Speakers are limited to three (3) minutes, speaking once, on both on- and off- agenda items, unless, upon motion, such time is extended by the legislative body. Such statements shall only be allowed during the Public Comment portion of the agenda. If there are any public hearings scheduled, individuals will be given an additional opportunity to comment under said items. Speakers are not permitted to yield their time to another speaker. Public comment is limited to 30 minutes at each meeting, with the ability to extend if the legislative body so chooses by majority vote.

To ensure that the public is able to participate, the City may provide a variety of ways in which the public can submit their comment: in person, email, phone call, mail and any other method which may become available. Methods of participation may be subject to change during other such times when a State of Emergency, Health Order or State Executive Order limits in-person participation.

1. Public Comments received

MEMBER STATEMENTS/REPORTS

DIRECTOR/STAFF LIAISON AND ATTORNEY STATEMENTS

SPECIAL ITEMS

2. Reorganization for Term 2024-2025

CONSENT CALENDAR

Items on the Consent Calendar will be enacted by one motion without individual discussion. There will be no separate discussion of these items unless a member of the governing body requests specific item(s) be removed from the Consent Calendar for separate action. Items removed from the Consent Calendar will be considered after the regular items. Anyone wishing to address a Consent Calendar item should do so during the Public Comment Period.

3. Affirm Minutes from the October 24, 2024 Regular Water Commission Meeting

RECOMMENDED ACTION:

- 1. Affirm the minutes as presented.

UNFINISHED BUSINESS

4. Water Conservation Program Update

RECOMMENDED ACTION:

- 1. Receive and file the Water Conservation Program Update.

5. FY 2024-25 Water Division Distribution Update (2nd Quarter)

RECOMMENDED ACTION:

- 1. Receive and file the FY 2024/25 Water Distribution Update (2nd Quarter).

6. Water Supply Outlook

RECOMMENDED ACTION:

- 1. Receive and file the Water Supply Outlook.

MEMBER/STAFF CLOSING COMMENTS

ADJOURNMENT

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the Glendora City Hall bulletin board at the three established posting locations and on the City of Glendora website at www.cityofglendora.gov not less than 72 hours prior to the meeting in accordance with Government Code Section 54954.2.

Roxanne Breceda, CMC
Deputy City Clerk/Records Manager

Date Posted: February 13, 2025



STAFF REPORT

TO: Chair and Commissioners

DATE: January 23, 2025

FROM: City Clerk

DISTRICT(S): Citywide

SUBJECT: Affirm Minutes from the October 24, 2024 Regular Water Commission Meeting

RECOMMENDATION

That the Water Commission:

1. Affirm the minutes as presented.

STRATEGIC FOCUS AREAS

None.

EXECUTIVE SUMMARY

None.

LEGISLATIVE HISTORY / PREVIOUS ACTIONS

None.

DISCUSSION

None.

FISCAL IMPACT

None.

ENVIRONMENTAL DETERMINATION

None.

Attachments

[A. October 24, 2024 Meeting Minutes .pdf](#)



CALL TO ORDER

The Water Commission meeting was called to order at 6:00 PM.

ROLL CALL

Members Present: David Thomas, Vice-Chair Michael Holmes, and Chair Richard Hansen

Members Absent: Pat Cici Jr. and Greg Lammers

Staff Present: Public Works Director William Wittkopf, Division Manager Dale Wert, Water Division Manager Jacob Chavira, Management Aide Armando De Jesus, Water Production Supervisor Ron Nichka, Senior Digital Media Specialist Greg Morton, Digital Media Specialist Craig Gill, and Deputy City Clerk/Records Manager Roxanne Breceda

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Commissioner Thomas.

REORDERING OF AND ADDITIONS TO THE AGENDA

There were no requests received.

PUBLIC COMMENT

1. Public Comments received

There was no one wishing to provide comment.

COMMISSION STATEMENTS/REPORTS

There were no statements given.

DIRECTOR/STAFF LIAISON AND ATTORNEY STATEMENTS

2. Director Reporting on Summary of Standard Water Reports
Update presented.
3. Capital Improvement Projects (CIP) Quarterly Update
Update presented.

SPECIAL ITEMS

4. Reorganization for Term 2024-2025

A motion was made by Vice-Chair Holmes, seconded by Commissioner Thomas, that the Water Commission table the reorganization of the Water Commission for the 2024-2025 term to the January 23, 2025 Water Commission Meeting. An oral roll call was conducted, and the motion carried 3 - 0 as follows: AYES Thomas, Holmes, Hansen; NOES None; ABSENT Cici Jr and Lammers; ABSTAIN None.

CONSENT CALENDAR

A motion was made by Vice-Chair Holmes, seconded by Commissioner Thomas, to approve Consent Calendar Item as presented, affirming the action appropriate. An oral roll call was conducted, and the motion carried 3 - 0 as follows: AYES Thomas, Holmes, Hansen; NOES None; ABSENT Cici Jr and Lammers, ABSTAIN None.

5. Affirm Minutes from April 25, 2024 Regular Water Commission meeting

The Water Commission affirmed minutes as presented.

UNFINISHED BUSINESS

6. Fiscal Year (FY) 2024/25 Water Distribution Update (1st Quarter)

A motion was made by Commissioner Thomas, seconded by Vice-Chair Holmes, that the Water Commission 1. Receive and file the Fiscal Year (FY) 2024/25 Water Distribution Update (1st Quarter). An oral roll call was conducted, and the motion carried 3 - 0 as follows: AYES Thomas, Holmes, Hansen; NOES None; ABSENT Cici Jr and Lammers, ABSTAIN None.

7. Water Conservation Program Update

A motion was made by Commissioner Thomas, seconded by Vice-Chair Holmes, that the Water Commission 1. Receive and file the Water Conservation Program Update. An oral roll call was conducted, and the motion carried 3 - 0 as follows: AYES Thomas, Holmes, Hansen; NOES None; ABSENT Cici Jr and Lammers, ABSTAIN None

8. Water Supply Outlook

A motion was made by Commissioner Thomas, seconded by Vice-Chair Holmes, that the Water Commission 1. Receive and file the Water Supply Outlook. An oral roll call was conducted, and the motion carried 3 - 0 as follows: AYES Thomas, Holmes, Hansen; NOES None; ABSENT Cici Jr and Lammers, ABSTAIN None.

9. Water Production Update

A motion was made by Vice-Chair Holmes, seconded by Commissioner Thomas, that the Water Commission 1. Receive and file the Water Production Update. An oral roll call was conducted, and the motion carried 3 - 0 as follows: AYES Thomas, Holmes, Hansen; NOES None; ABSENT Cici Jr and Lammers, ABSTAIN None.

NEW BUSINESS

10. California Legislative Update

A motion was made by Vice-Chair Holmes, seconded by Commissioner Thomas, that the Water Commission 1. Receive and file the Water Production Update. An oral roll call was conducted, and the motion carried 3 - 0 as follows: AYES Thomas, Holmes, Hansen; NOES None; ABSENT Cici Jr and Lammers, ABSTAIN None.

COMMISSION/STAFF CLOSING COMMENTS

Vice-Chair Holmes thanked staff for the reports.

Chair Hansen wished everyone a safe Halloween.

ADJOURNMENT

Meeting adjourned at 7:38 PM.

Roxanne Breceda, CMC
Deputy City Clerk/Records Manager

Kathleen R. Sessman, MMC
City Clerk/Communications Director

Minutes were approved on _____.



STAFF REPORT

TO: Chair and Commissioners

DATE: January 23, 2025

FROM: Public Works

DISTRICT(S): Citywide

SUBJECT: Water Conservation Program Update

RECOMMENDATION

That the Water Commission:

1. Receive and file the Water Conservation Program Update.

STRATEGIC FOCUS AREAS

Goal 5: Improve and Maintain the City's Infrastructure and Facilities (IMCIF)

EXECUTIVE SUMMARY

During the 2nd quarter of FY 2024/25, staff reports:

- Glendora received six rebate applications
- MWD received four rebate applications
- Performed eight Water Use Efficiency (WUE) surveys
- Issued twelve violation letters

FY 2024/25-To-Date:

- Three MWD Turf Replacement rebate applications were approved

LEGISLATIVE HISTORY / PREVIOUS ACTIONS

On July 3, 2024, the California State Water Resources Control Board adopted regulations under SB 606 and AB 1668 to promote long-term water conservation. The Urban Water Use Objectives (UWUO) set citywide limits for indoor, outdoor, and leakage water usage, with progressive reductions in indoor use to 42 gallons per capita per day by 2030 and outdoor use governed by Landscape Efficiency Factors. Compliance calculations begin 2025, with penalties for exceeding limits and bans on potable water for non-functional turf in commercial areas by 2027. Glendora's water reduction target is 43% by 2040.

DISCUSSION

Rebate Program

In the 2nd quarter of FY 2024/25:

- Glendora received six rebate applications.

- MWD received four rebate applications.
- Glendora issued a total of \$2,075.00 rebated to customers.
- MWD issued a total of \$375.00 rebated to customers.

MWD Turf Replacement Rebate Applications

FY 2024/25-To-Date:

- Three applications were approved.
- Total of 3,721 square feet of turf was removed.
- A total of \$7,422.00 from MWD's funding was rebated to customers.
- A total of \$2,021.00 from Glendora's funding was rebated to customers.

Non-Functional Turf Replacement Program

In the 2nd quarter of FY 2024/25:

- Staff received one rebate application.
- 1,883 square feet of turf was removed.
- A total of \$7,532.00 was rebated to the customer.

Water Use Efficiency (WUE) Surveys and Violations

In the 2nd quarter of FY 2024/25:

- A total of eight surveys were completed through MWD's collaboration.
- A total of twelve violations were issued.

Please reference Attachment A for the Water Conservation Dashboard FY2023/24.

Public Outreach and Water Education

WaterWise Consulting has completed the outdoor water use efficiency surveys at the Glendora Country Club. The survey will assist the Country Club to determine their current water usage and provide helpful tips on how to reduce their consumption.

On December 12th, staff attended the Metropolitan Water District's "Being Waterwise is..." Student Art Recognition Award Ceremony at MWD headquarters. Jacob Buril, a first-grade student from Cullen Elementary School, was honored as a poster contest winner, selected from hundreds of student entries across Southern California. Jacob is the first student from Glendora to participate in MWD's poster contest and achieve the distinguished recognition.

Russell Ackerman was invited to serve as a panelist at the Association of California Water Agencies (ACWA) conference for a discussion entitled, "How Water Conservation Pencils Out". These discussions provide valuable insights to other water agencies, enabling them to assess their current programs and identify strategies as well as areas for improvement.

Water Conservation Programs

Staff continues to promote our co-funding partnership with the Metropolitan Water District (MWD) through their residential Turf Replacement Program and Water Efficient Device Rebate Program. The City of Glendora is contributing an additional \$2 per square foot on top of MWD's \$2 per square foot incentive to replace existing turfgrass with drought-tolerant landscaping. Additionally, participants can receive an extra \$100 per tree for up to five trees.

On January 14th, City Council approved a new contract with WaterWise Consulting Inc. The new contract expands our previous agreement to include commercial, industrial, and institutional properties. Their expertise in conducting water use efficiency audits and comprehensive audits has been instrumental in helping us reduce water consumption across various properties.

Staff in the process of developing a new contract with Southern California Gas Company (SoCalGas), focusing on commercial, industrial, institutional (CII), and multi-family properties. The contract is currently under review by the respective legal teams. Once the review is complete, staff will present the finalized agreement to City Council for approval in the upcoming months.

The City's contract with EcoTech Services to support the Community Water Hero Program concluded with the expiration of the agreement on December 31, 2024. Although the Community Water Hero Program has officially ended, staff continues to collaborate with SoCalGas to provide similar incentives for participating customers.

We are excited to kickstart our series of Water Efficiency Landscape Workshops in collaboration with Green Media Creations. The first workshop in February will guide attendees in selecting and maintaining plants suited for California's climate, offering practical tips and expert advice. This will be followed by an exciting Landscape Expo in March at the Glendora Library, where landscape designers and professionals in the landscape industry will showcase their expertise. This series is designed to inspire and empower our community to adopt sustainable landscaping practices.

With the complicated 'Making Conservation a California Way of Life' regulations going into effect, staff will be needing additional assistance to meet our conservation goals. To address these challenges and enhance our efforts, staff is currently requesting an additional full time Water Conservation Officer. This position will focus on ensuring compliance with state regulations, supporting conservation programs, and engaging with the community to promote sustainable water use practices.

Urban Water Use Objective

The first report has been officially submitted to the California State Water Resources Control Board. The findings indicate that the reduction target for 2025 is set at 21%, with annual adjustments to the percentage reduction objective anticipated in subsequent years.

Conservation Comparisons

Staff has continued to monitor water usage. This mandate compares current usage figures to 2020 usage numbers.

- Year-to-Date comparison: January thru December 2020 to 2024 shows a reduction of **-11.77%** in water usage.

Reference Attachment B for the monthly comparison to 2020 usage to 2024.

Staff is also comparing 2023 usage to 2024 to assess the progress that has been made recently and to provide more significant figures.

- Year-to-Date comparison: January thru December 2023 to 2024 shows an increase of **+12.31%** in water usage.

Reference Attachment C for the monthly comparison to 2023 usage to 2024.

FISCAL IMPACT

The Water Conservation program (66010) is currently budgeted in the Water Conservation Section (50170620) in the amount of \$600,000.

ENVIRONMENTAL DETERMINATION

This activity is not a “project” as defined by Section 21065 of the Public Resources Code or Sections 15060(c)(2), 15060(c)(3), and 15378 of the CEQA Guidelines.

Prepared By	Armando De Jesus, Management Aide
Concurs With	Not Applicable
Reviewed By	William Wittkopf, Public Works Director
Certified to Availability of Funds	Not Applicable
Approved By	Adam Raymond, City Manager
Legal Review	Not Applicable
CEQA Review	Not Applicable

ATTACHMENTS:

- A. Water Conservation Dashboard - FY 2024/25
- B. Monthly Water Use Comparison - CY 2020 to 2024
- C. Monthly Water Use Comparison - CY 2023 to 2024
- D. Power Point Presentation

Attachments

- [A. Water Conservation Dashboard - FY 2024-25.pdf](#)
- [B. Monthly Water Use Comparison - CY 2020 to 2024.pdf](#)
- [C. Monthly Water Use Comparison - CY 2023 to 2024.pdf](#)
- [D. Presentation.pdf](#)

Water Conservation Dashboard FY 2024-2025

Water Conservation - In Review

Outreach & Education

Method	July	August	September	October	November	December	January	February	March	April	May	June	YTD
Education (Presentations)	0	0	0	0	0	0							0
Public Outreach (Events)	0	2	0	0	0	0							2
Constant Flow Tags	158	115	82	70	23	72							520

Violation Notifications

Method	July	August	September	October	November	December	January	February	March	April	May	June	YTD
Green Door Tag/Letter	14	8	1	8	2	2							35

Conservation Ordinance Penalties

Penalty	July	August	September	October	November	December	January	February	March	April	May	June	YTD
1st Fine (\$150)	\$0	\$0	\$0	\$0	\$0	\$0							\$0
2nd Fine (\$250)	\$0	\$0	\$0	\$0	\$0	\$0							\$0
3rd Fine (\$1,000)	\$0	\$0	\$0	\$0	\$0	\$0							\$0
Misdemeanors	0	0	0	0	0	0							0
Penalties Assessed	\$0	\$0	\$0	\$0	\$0	\$0							\$0

Water Use Efficiency - Field Surveys

Type of Survey	July	August	September	October	November	December	January	February	March	April	May	June	YTD
Residential	12	6	5	1	3	2							29
Commercial/Industrial	0	0	0	0	0	2							2
Institutional	0	0	0	0	0	0							0
Cumulative Number	12	6	5	1	3	4							31

Glendora/MWD Co-Funding Device Rebate Program Application By Item

Rebate Category		July	August	September	October	November	December	January	February	March	April	May	June	YTD
MWD Funding	High Efficiency Toilet	0	0	0	0	1	0							1
	Clothes Washer	0	1	0	1	2	0							4
	Irrigation Controller	0	1	2	0	0	0							3
	Rain Barrel	0	0	0	0	0	0							0
	Total Applications	0	2	2	1	3	0							8
Glendora Funding	High Efficiency Toilet	3	0	0										3
	Clothes Washer	4	9	6										19
	Irrigation Controller	6	2	0										8
	Rain Barrel	2	5	10										17
	Dishwasher	5	3	6	3	0	1							18
	Pool Cover	0	1	2	0	0	0							3
	Landscape Design	0	0	1	0	1	0							2
	Landscape Installation	0	0	1	0	1	0							2
Total Applications		20	20	26	3	2	1							72

Cells are blacked out because Glendora no longer offers rebates for these items as of October 1, 2024.

Water Conservation Dashboard FY 2024-2025

Glendora/MWD Co-Funding Device Rebate Program By Dollar Amount

Rebate Category		July	August	September	October	November	December	January	February	March	April	May	June	YTD
MWD Funding	High Efficiency Toilet	\$0.00	\$0.00	\$0.00	\$0.00	\$120.00	\$0.00							\$120.00
	Clothes Washer	\$0.00	\$85.00	\$0.00	\$85.00	\$170.00	\$0.00							\$340.00
	Irrigation Controller	\$0.00	\$80.00	\$160.00	\$0.00	\$0.00	\$0.00							\$240.00
	Rain Barrel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00							\$0.00
	Total Reimbursement	\$0.00	\$165.00	\$160.00	\$85.00	\$290.00	\$0.00							\$700.00
Glendora Funding	High Efficiency Toilet	\$110.00	\$0.00	\$0.00	\$0.00	\$120.00	\$0.00							\$230.00
	Clothes Washer	\$600.00	\$1,345.00	\$645.00	\$85.00	\$170.00	\$0.00							\$2,845.00
	Irrigation Controller	\$650.00	\$216.60	\$129.99	\$0.00	\$0.00	\$0.00							\$996.59
	Rain Barrel	\$200.00	\$509.15	\$948.39	\$0.00	\$0.00	\$0.00							\$1,657.54
	Dishwasher	\$615.00	\$480.00	\$490.00	\$525.00	\$0.00	\$175.00							\$2,285.00
	Pool Cover	\$0.00	\$100.00	\$250.00	\$0.00	\$0.00	\$0.00							\$350.00
	Landscape Design	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00	\$0.00							\$500.00
	Landscape Installation	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00	\$0.00							\$500.00
	Total Reimbursement	\$2,175.00	\$2,650.75	\$2,463.38	\$610.00	\$1,290.00	\$175.00							\$9,364.13

Glendora/MWD Co-Funding Turf Replacement Program Applications

Rebate Category		July	August	September	October	November	December	January	February	March	April	May	June	YTD
Applications Completed		1	1	1	0	0	0							3
Square Footage Completed		1,021	1,000	1,700	0	0	0							3,721
MWD Allocated Funds		\$ 2,042.00	\$ 2,000.00	\$ 3,400.00	\$ -	\$ -	\$ -							\$ 7,442.00
Glendora Allocated Funds		\$ 1,021.00	\$ 1,000.00	\$ -	\$ -	\$ -	\$ -							\$ 2,021.00
Total Reimbursement		\$ 3,063.00	\$ 3,000.00	\$ 3,400.00	\$ -	\$ -	\$ -							\$ 9,463.00

Non-Functional Turf Replacement Program Applications- ONLY For CII Properties

Rebate Category		July	August	September	October	November	December	January	February	March	April	May	June	YTD
Applications Completed		0	0	0	0	1	0							1
Square Footage Completed		0	0	0	0	1,883	0							1,883
Allocated Funds		\$ -	\$ -	\$ -	\$ -	\$ 7,532.00	\$ -							\$ 7,532.00
Total Reimbursement		\$ -	\$ -	\$ -	\$ -	\$ 7,532.00	\$ -							\$ 7,532.00

Attachment B: Monthly Water Use Comparison – CY 2020 to 2024

State Reporting Figures- 2020 v. 2024

Reporting Period		Year		Difference (2020 v. 2024)
Month	No. of Days	2020	2024	%
January	31	595.52	547.54	-8.06%
February	29	658.81	441.14	-33.04%
March	31	549.66	490.15	-10.83%
April	30	597.86	555.18	-7.14%
May	31	995.88	763.25	-23.36%
June	31	1035.55	911.78	-11.95%
July	31	1,177.35	1,069.23	-9.18%
August	31	1,203.43	1,132.39	-5.90%
September	30	1,153.60	1,035.28	-10.26%
October	31	1,067.20	932.00	-12.67%
November	30	838.37	779.24	-7.05%
December	30	812.61	771.42	-5.07%
Total		10,685.84	9,428.60	-11.77%

Attachment C: Monthly Water Use Comparison – CY 2023 to 2024

Internal Reporting Figures- 2023 v. 2024

Reporting Period		Year		Difference (2023 v. 2024)
Month	No. of Days	2023	2024	%
January	31	456.75	547.54	19.88%
February	29	509.75	441.14	-13.46%
March	31	414.66	490.15	18.21%
April	30	599.99	555.18	-7.47%
May	31	704.07	763.25	8.41%
June	31	729.01	911.78	25.07%
July	31	1,010.19	1,069.23	5.84%
August	31	979.90	1,132.39	15.56%
September	30	819.04	1,035.28	26.40%
October	31	807.90	932.00	15.36%
November	30	724.87	779.24	7.50%
December	30	639.37	771.42	20.65%
Total		8,395.50	9,428.60	12.31%



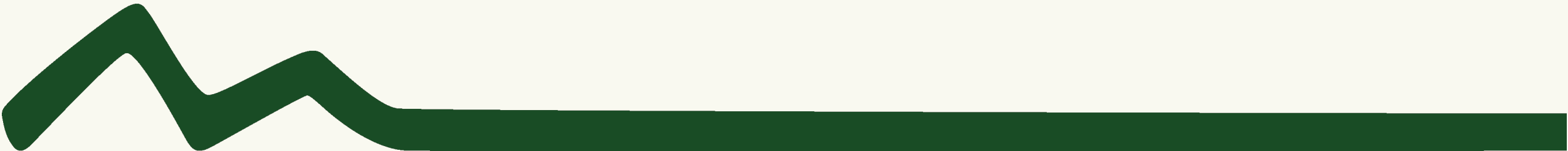
WATER CONSERVATION UPDATE

PUBLIC WORKS, WATER DIVISION

WATER COMMISSION

JANUARY 23, 2025

ARMANDO DE JESUS, MANAGEMENT AIDE



EDUCATION/OUTREACH

MWD- Student Art Recognition Award Ceremony



**JACOB BURIL, 1ST GRADE, CULLEN
ELEMENTARY**

EDUCATION/OUTREACH

ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA)- PANELIST



CONSERVATION PROGRAMS

MWD PARTNERSHIP

- **Residential Turf Replacement Program**

- MWD - \$3 → \$2
- City of Glendora - \$1 → \$2

- **MWD Device Rebates- Price Matching**

- Toilets
- Washing Machines
- Irrigation Controllers
- Rain Barrels

Ex. Toilet Rebate

- MWD \$80 + Glendora \$80= \$160



CONSERVATION PROGRAMS

PARTNERSHIPS

- **WaterWise Consulting, Inc.**
 - Free water use efficiency residential surveys
 - May qualify for:
 - Free smart irrigation controllers
 - Minor repairs to irrigation
 - **Collect data for compliance with the UWUO**
- **SoCalGas**
 - Commercial, Industrial, Institutional (CII) Programs
 - **Assist with BMP requirements with the UWUO**
- **EcoTech Services, Inc.**
 - Community Water Hero Program



CONSERVATION PROGRAMS

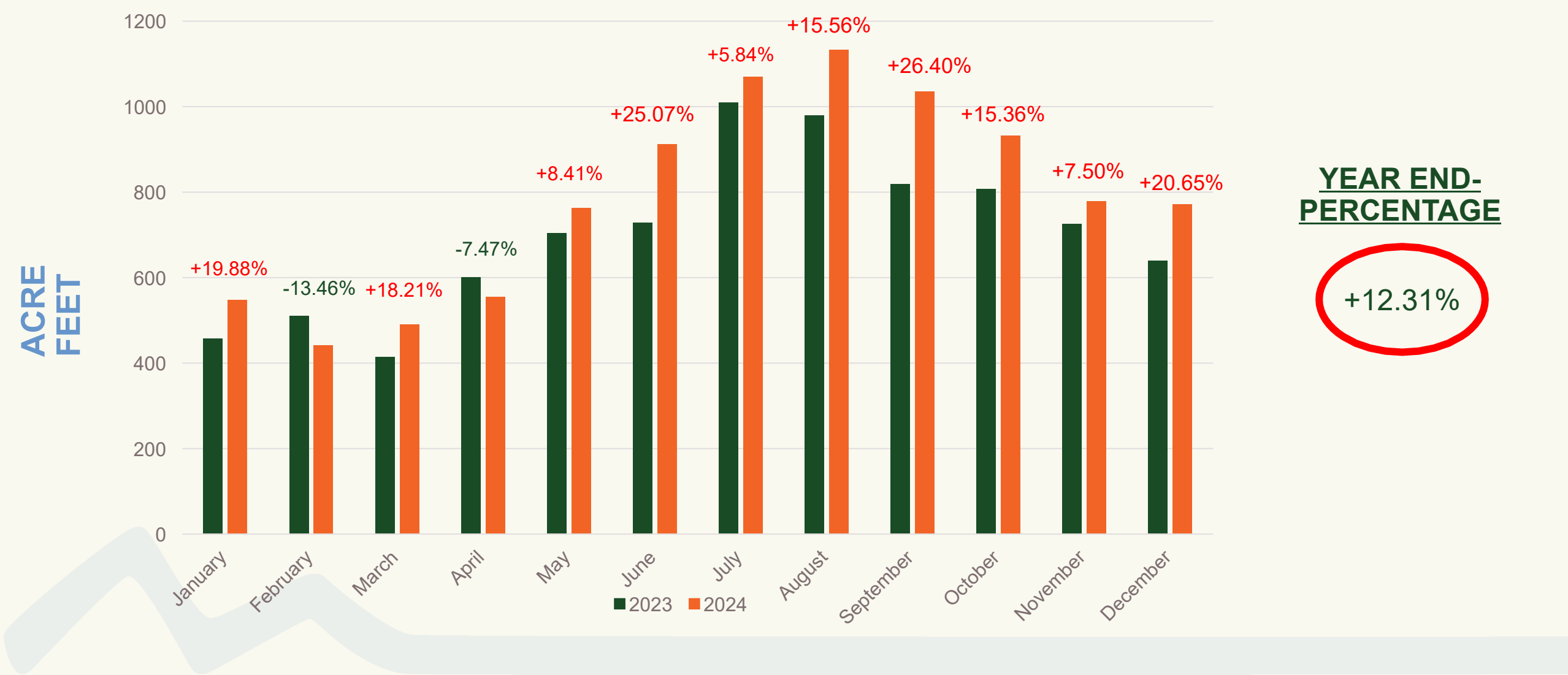
WATER EFFICIENT WORKSHOPS



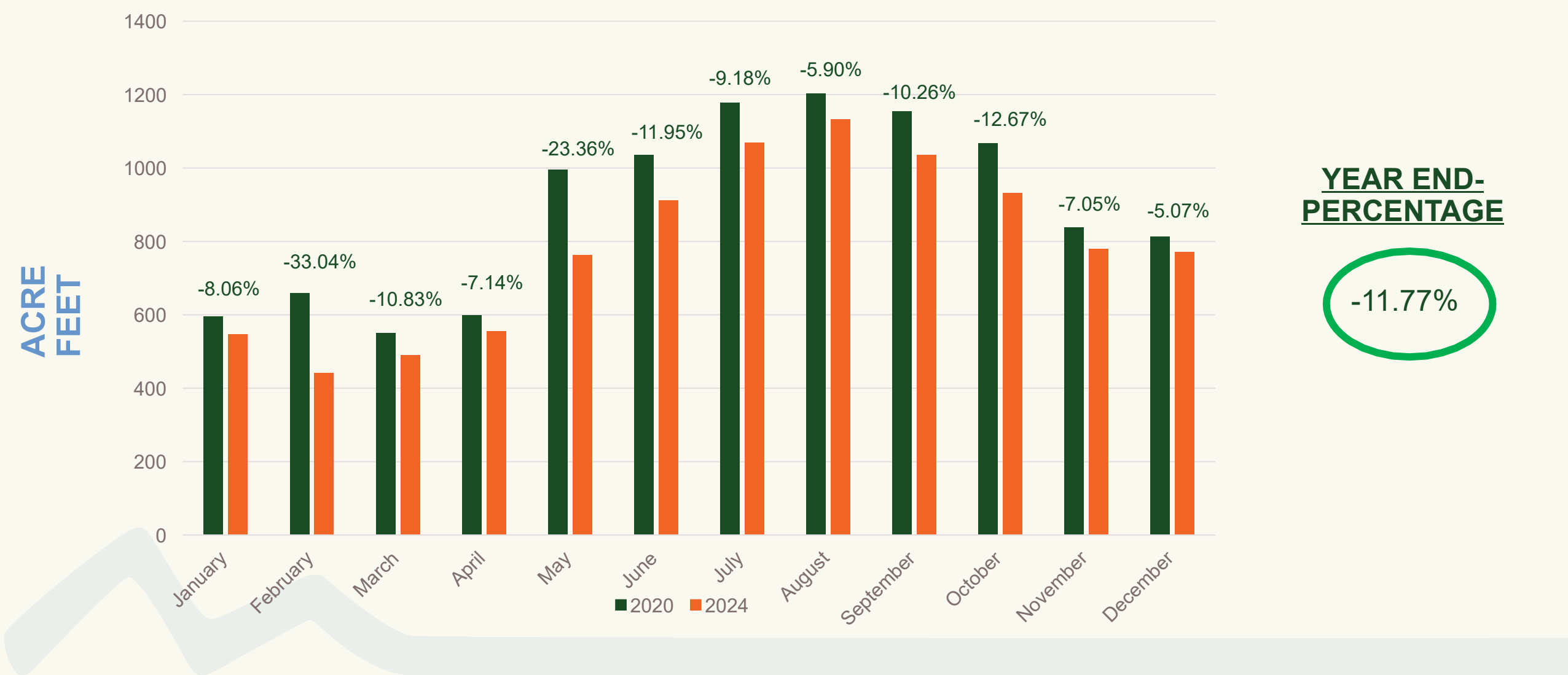
Be **Water Smart**
GARDEN WORKSHOPS



CITY COMPARISON FIGURES- 2023 V. 2024



DWR COMPARISON FIGURES- 2020 V. 2024





STAFF REPORT

TO: Chair and Commissioners

DATE: January 23, 2025

FROM: Public Works

DISTRICT(S): Citywide

SUBJECT: FY 2024-25 Water Division Distribution Update (2nd Quarter)

RECOMMENDATION

That the Water Commission:

1. Receive and file the FY 2024/25 Water Distribution Update (2nd Quarter).

STRATEGIC FOCUS AREAS

Goal 5: Improve and Maintain the City's Infrastructure and Facilities (IMCIF)

EXECUTIVE SUMMARY

During the 2nd quarter of FY 2024/25, staff reports:

- Distribution leak history comparison FY 2023/24 and 2024/25
- Notable 2nd quarter water projects
- Hydro excavation equipment acquisition

LEGISLATIVE HISTORY / PREVIOUS ACTIONS

Not Applicable.

DISCUSSION

Distribution Leak History 2nd Quarter

The Water Division repaired 83 leaks in the second quarter of FY 2024/25. During the same period in FY 2023/24, 82 were repaired.

Notable 2nd Quarter Water Projects

Oak Park Emergency Water Project

The Water Division began the Oak Park emergency water project on Thursday, November 14, 2024. Due to their age and condition, the existing water lines and service lines on Oak Park Road east of Amelia Avenue were replaced and upgraded. The Water Division utilized the on-call emergency contractor J. De Sigio Construction, Inc. to perform this work. This emergency work aimed to enhance the efficiency of our services and prevent any future damage and disruption of water service to private properties in the Oak Park Road community. The scope of work for this emergency project included the installation of approximately seven hundred and fifty linear feet of new 8" C909 water main, twelve water services, two fire hydrants, one blow off, one air vacuum valve, one insertion valve, and five 8" gate valves. Estimated price of the project is \$278,400.

14" Gladstone Main Break

On October 17th Water Division staff responded to a main break on Gladstone Street just west of Lone Hill Ave. After further investigation it was determined that the 14" steel main was leaking significantly from a welded joint. Water Division staff performed an emergency shutdown to safely weld and make repairs on the steel water line. This water main break is just 1 of 83 emergency leaks that the Water Division responded to and completed repairs.

Hydro Excavation Equipment Acquisition

New Water Division Vector Truck

On Monday, December 12, 2024, the Water Division, after receiving certified training from Haaker Equipment Company, took delivery of the new Vector truck and it was officially put into service. The utilization of hydro excavation trucks offers significant benefits in terms of precision excavation, efficiency, and versatility. Moreover, their safety aspects, including non-destructive excavation and reduced worker risks, make them an essential tool in the Water Division's operations.

FISCAL IMPACT

There is no fiscal impact to receive and file this report.

ENVIRONMENTAL DETERMINATION

This activity is not a "project" as defined by Section 21065 of the Public Resources Code or sections 15060(c)(2), 15060(c)(3), and 15378 of the CEQA Guidelines.

Prepared By	Jason Robert Forsberg, Water Utility Supervisor
Concurs With	Not Applicable
Reviewed By	William Wittkopf, Public Works Director
Certified to Availability of Funds	Not Applicable
Approved By	Adam Raymond, City Manager
Legal Review	Not Applicable
CEQA Review	Not Applicable

ATTACHMENTS:

A. Presentation

Attachments

[A. PowerPoint.pdf](#)



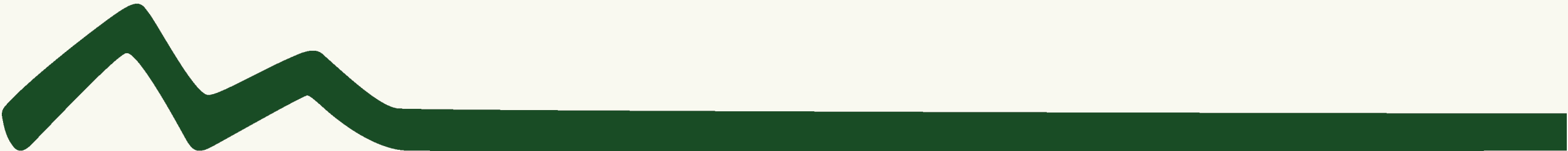
FY 2024/25 WATER DISTRIBUTION UPDATE (SECOND QUARTER)

PUBLIC WORKS, WATER DIVISION

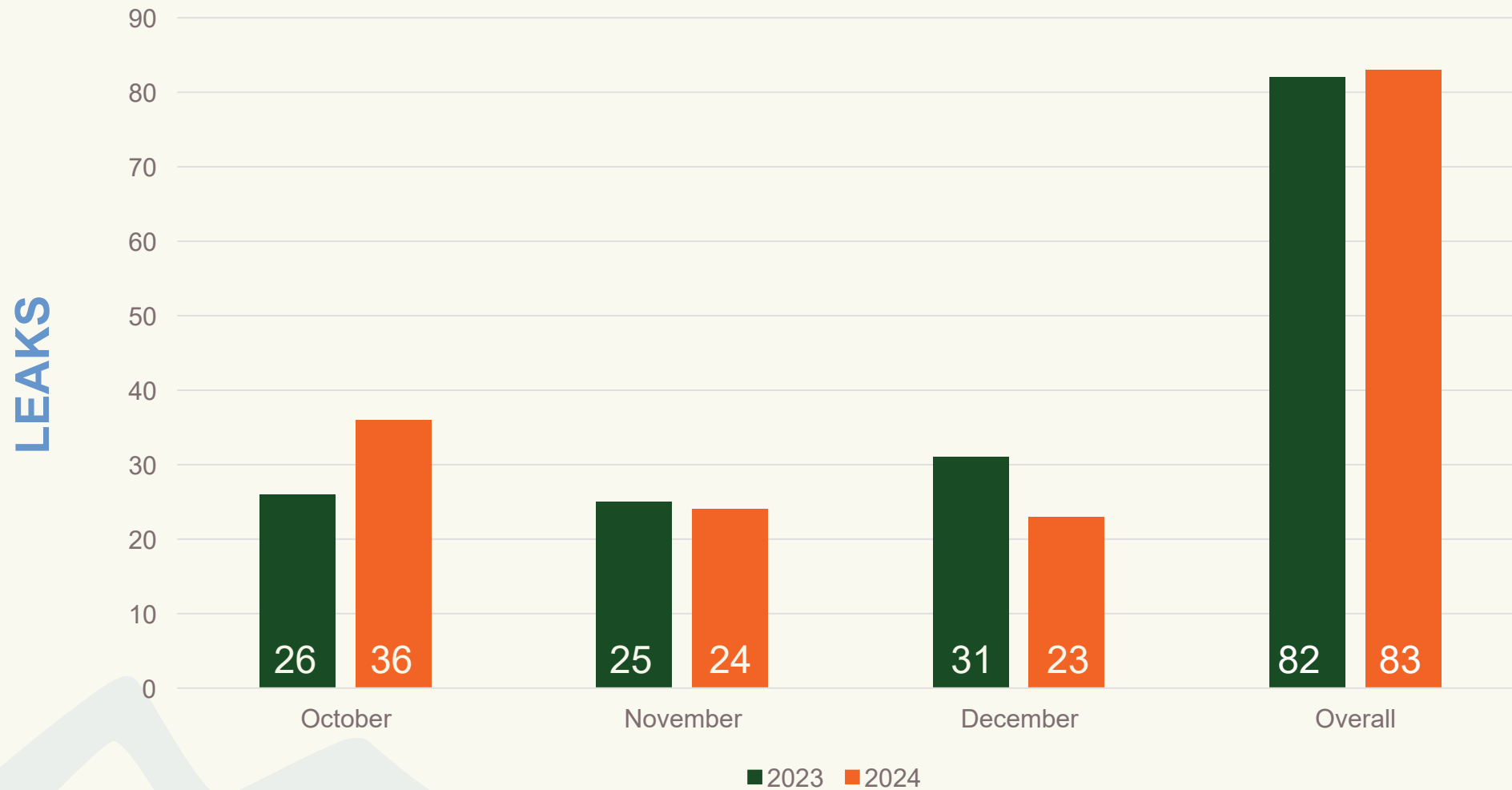
WATER COMMISSION

JANUARY 23, 2025

JASON R. FORSBERG, INTERIM WATER DIVISION MANAGER



LEAK HISTORY COMPARISON- 2023 vs 2024



NOTABLE WATER PROJECTS

OAK PARK EMERGENCY WATER PROJECT



- 750 LF of new 8" C909
- 12 services
- 2 fire hydrants
- 1 blow off
- 1 air vac
- 1 insertion valve

NOTABLE WATER PROJECTS

OAK PARK EMERGENCY WATER PROJECT



- Significant leak history with damage to private properties



NOTABLE WATER PROJECTS

OAK PARK EMERGENCY WATER PROJECT



NOTABLE WATER PROJECTS

14" GLADSTONE MAIN BREAK



HYDRO EXCAVATION EQUIPMENT ACQUISITION

NEW WATER DIVISION VACTOR TRUCK



- Precision Excavation
- Efficiency
- Safety and Versatility



STAFF REPORT

TO: Chair and Commissioners

DATE: January 23, 2025

FROM: Public Works

DISTRICT(S): Citywide

SUBJECT: Water Supply Outlook

RECOMMENDATION

That the Water Commission:

1. Receive and file the Water Supply Outlook.

STRATEGIC FOCUS AREAS

Goal 5: Improve and Maintain the City's Infrastructure and Facilities (IMCIF)

EXECUTIVE SUMMARY

During the 2nd quarter of FY 2024-2025, staff reports:

- Dry winter weather with lack of rains impact on water sources
- Information on ground water supply from Main San Gabriel Basin
- Updates on rain, snow and State and Colorado reservoir levels
- Updates from Main San Gabriel basin purveyors
- Key water supplies current data
- San Gabriel River dam storage updates, Glendora Water Division production and water purchase updates

LEGISLATIVE HISTORY / PREVIOUS ACTIONS

Not Applicable.

DISCUSSION

The City of Glendora currently obtains its water supply from three water sources. The primary source is groundwater wells within the San Gabriel Canyon Sub-Basin area and the Glendora Sub-Basin area of the Main Basin. The second source is imported water provided by the Metropolitan Water District of Southern California (MWD) through Three Valleys Municipal Water District (TVMWD). The third source is local treated surface water and groundwater obtained from the Covina Irrigating Company (CIC).

The two sub-basins of the Main San Gabriel Basin, Glendora Basin and the Canyon Basin, currently supply a majority of the City of Glendora's annual water demand. The past 5-year average was 96% pumped and 4% purchased. The production efficiency of both sub-basins is influenced greatly by local storm water runoff and import replenishment water deliveries or the lack of deliveries. Historically, both basins are unsustainable without water import deliveries.

The Baldwin Park Key Well is in the central portion of the San Gabriel Valley and is a general indication of water elevations throughout the San Gabriel Valley (Main Basin). One vertical foot in the Key Well is equivalent to approximately 8,000 acre-feet of ground water. On December 20, 2024, the Key Well measured 246.8 feet which is a decrease of 3.4 feet over a three-month period. That water level also includes 136,000 AF of imported untreated water in cyclic storage. Which represents about 14 feet of groundwater elevation at the key well. The Key Well's water level has decreased an average of 1.13 feet a month for the last 3 months from October to December 2024.

The cost of water produced by City Wells is approximately \$200.00 per acre-foot when produced within the pumping rights allocation. When the pumping rights allocation is exceeded, the cost of water produced by City wells is \$887.00 per acre-foot. The current Three Valleys Tier 1 rate is \$1,264 per acre-foot for treated water.

City of Glendora

The City of Glendora has received 0.55 inches of rainwater from October 1st, 2024, through December 31st, 2024. We received 0.39 inches of rain in October, 0.14 inches in November, and 0.02 inches in December for a total of 0.55 inches in the 2nd quarter of Fiscal Year 2024/25.

By comparison, in the 2nd quarter Fiscal Year 2022/23 we received 6.84 inches and in the 2nd quarter Fiscal Year 2023/24 we received 3.39 inches. The City's annual average rainfall is 24 inches. These measurements were taken at the Water Division Operations Yard.

San Gabriel Canyon Reservoir Storage

The Cogswell Reservoir is located at the highest area of the watershed and has a maximum water storage capacity of 10,475 acre-feet. The San Gabriel Reservoir has a maximum water storage capacity of 44,044 acre-feet. The Morris Reservoir is located down-stream of the San Gabriel Reservoir and has a maximum water storage capacity of 28,736 acre-feet. The current combined storage behind the Cogswell, San Gabriel, and Morris Reservoirs on October 29, 2024, was 12,966 acre-feet, about 16%. The San Gabriel Reservoir inflow was 0 cubic feet per second (CFS), release was 0 CFS and the Morris Reservoir inflow was 8 CFS, release was 35 CFS. The water released from the Morris Reservoir and San Gabriel Reservoir are used at local surface water treatment plants and for groundwater replenishment. The current storage and releases are a significant reduction compared to the last report. The reduction is mainly due to the continued maintenance being completed at San Gabriel Reservoir.

Untreated Imported Water Deliveries

The Upper San Gabriel Valley Municipal Water District (USG-3) is a raw water intake into the San Gabriel Canyon just below the Morris Dam and is the primary point of delivery of untreated imported water for groundwater replenishment to the San Gabriel Valley. The typical delivery rate is about 190 cubic feet per second (CFS) or about 375 acre-feet per day. The data for the following three items was not available at the time this report was written. An oral update will be provided at the meeting.

Upper District - Updates to follow

The Three Valleys Municipal Water District (TVMWD) – Updates to follow

San Gabriel Valley Water District – Updates to follow

Imported Treated Water Connections

The City of Glendora has the following three Metropolitan Water District (MWD) water connections which deliver treated water, and were formerly known as Pomona Municipal (PM):

1. PM-18 (Pressure Zone - 2)
2. PM-6 (Pressure Zone - 1)
3. PM-23 (Pressure Zone - 1)

The three MWD connections have a combined capacity of 40 cubic feet per second (CFS), or approximately 18,000 GPM. The combined capacity of all three connections can meet the City peak demand when needed.

Glendora Water Production and purchases as of December 2024

The City Wells have been producing a total of 9,643 gallons per minute or 21.48 cubic feet per second (CFS). The Water System is currently delivering 100% Well Water and 0% MWD Water.

The dynamic water level of the Canyon Basin Well-8 on December 18, 2024 was 63.9 (from the surface). For comparison, on September 26, 2024, the Dynamic water level was 54.8 feet, a water level decrease of 9.1 feet in three months. The static water level of Well-8 was 46.9 feet on December 18, 2024, compared to 41.5 feet on October 29, 2024. The static water level of Well-8 was 5.4 feet lower in December 2024 than it was in October 2024.

The static water level of Glendora Basin Well-11 on December 18, 2024 was 308 Feet compared to 317.5 feet on September 26, 2024. The static water level of Well-11 in December was 9 feet higher than September. The dynamic water level of Well-11 was 339 feet on December 18, 2024, compared to 349 feet on September 29, 2024. The Well-11 dynamic water level was 10 feet higher in December 2024 compared to September 2024.

Well Production through the months of October to December 2024:

- October: 932.0 AF
- November: 779.3 AF
- December: 772.2 AF

Compared to October to December 2023:

- October: 227.9 AF
- November: 724.9 AF
- December: 639.4AF

California and Colorado rain and snowpack information

Snowpack: January 1, 2025. Sierra snowpack is about 162% of normal snowpack. Colorado watershed snowpack is at about 94% of normal snowpack for this time. The storage for this time of year in California is about 66.8% overall average at the major water supply reservoirs in the state. Storage in the Colorado system: Lake Powell is at 36%, and Lake Mead is at 33%.

The State Water Supply Allocation was set at 5% on December 2, 2024.

FISCAL IMPACT

There is no fiscal impact to receive this report.

ENVIRONMENTAL DETERMINATION

This activity is not a "project" as defined by Section 21065 of the Public Resources Code or sections 15060(c)(2), 15060(c)(3), and 15378 of the CEQA Guidelines.

Prepared By	Dale D. Wert, Water Division Manager
Concurs With	Not Applicable
Reviewed By	William Wittkopf, Public Works Director

Certified to Availability of Funds	Not Applicable
Approved By	Adam Raymond, City Manager
Legal Review	Not Applicable
CEQA Review	Not Applicable

ATTACHMENTS:

A. Presentation

Attachments

[A. PowerPoint.pdf](#)



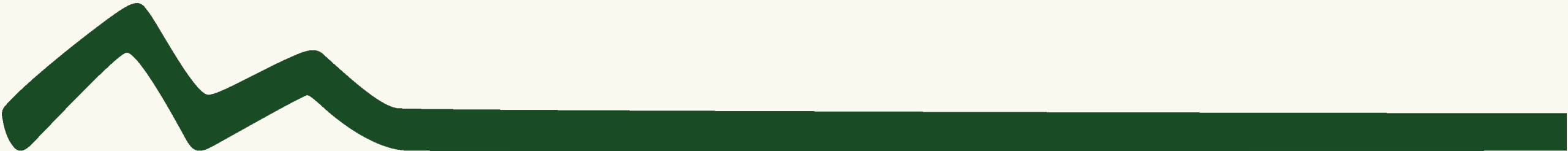
LOCAL WATER SUPPLY OUTLOOK

PUBLIC WORKS, WATER DIVISION

WATER COMMISSION

JANUARY 23, 2024

DALE D. WERT, WATER DIVISION MANAGER



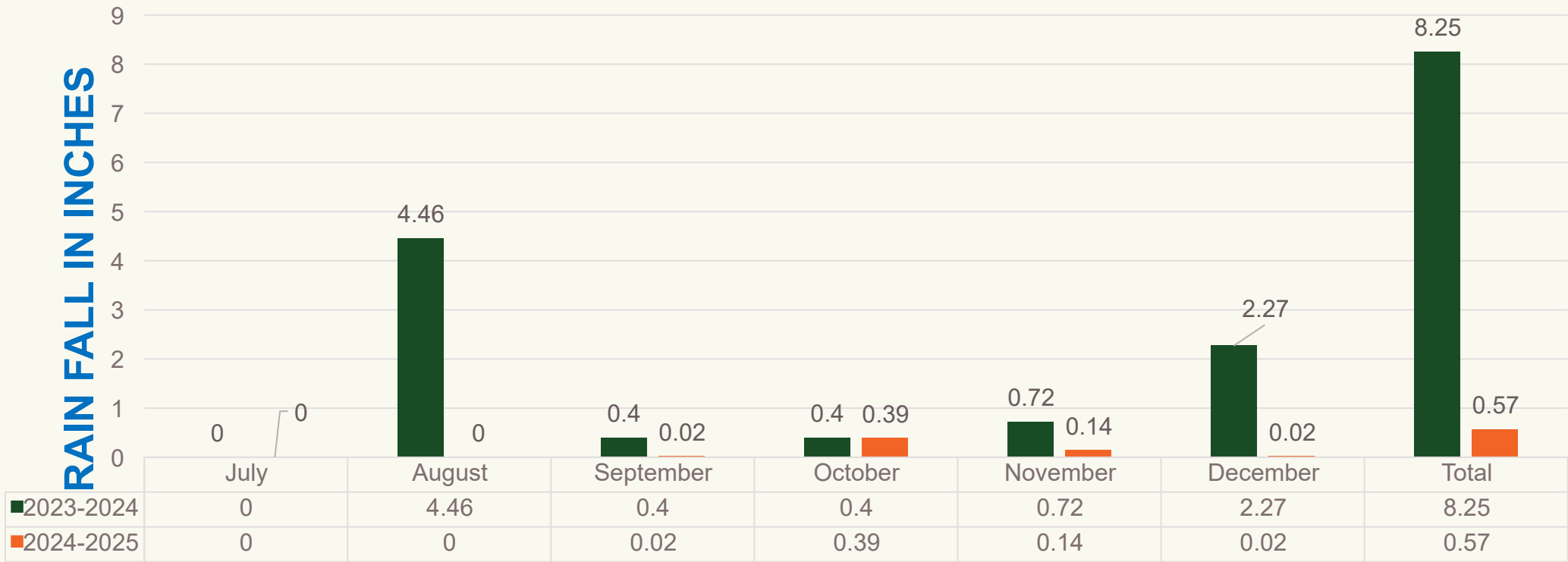
GLENDORA WATER SUPPLY OUTLOOK

JANUARY 23, 2025

- The City of Glendora has received 0.57 inches of rainwater during the first half of FY 2024/25.
- The typical water year is from October 1st through September 30th of the following year
- The City's annual average rainfall is 24 inches.
- The City of Glendora has received 0.55 inches of rainfall from October through December 2024. This is a significant decrease from the 3.39 inches received during the same period in 2023, and the 6.84 inches received in 2022.
- The rain gauge measurements were taken at the Water Division Operations Yard.

GLENDORA WATER SUPPLY OUTLOOK

JANUARY 23, 2025



UNTREATED IMPORTED WATER DELIVERIES

- Upper San Gabriel Valley Municipal Water District (USG-3) –
- Three Valleys Municipal Water District (TVMWD) –
- San Gabriel Valley Municipal Water District –

MORRIS DAM



9/25/2024



12/09/2024

SAN GABRIEL DAM



9/25/2024



12/09/2024

CALIFORNIA AND COLORADO PROJECTS RAIN AND SNOWPACK INFORMATION

As of January 1, 2025:

- Snowpack in the northern Sierra is at about 162% of normal.
- Snowpack on the Colorado river is about 94% of normal.
- Storage on the Colorado system: Lake Powel is at 36% and Lake Mead is at 33%.
- Storage in the California system is at 66.8% of average.
- The California State Water Supply Allocation was set to 5% on December 2, 2024 .

SAN GABRIEL BASIN KEY WELL INFORMATION

- As of December 20, 2024, the Baldwin Park Key Well ground water elevation was 246.8 feet. On September 27, 2024, the key well measured at 243.4 feet. This represents a decrease of 3.4 feet over a 3-month period.
- On November 21st, 2018, the Baldwin Park Key Well groundwater elevation low water record was set. It measured 169.4 feet.

WATER PRODUCTION AND TREATED WATER PURCHASES

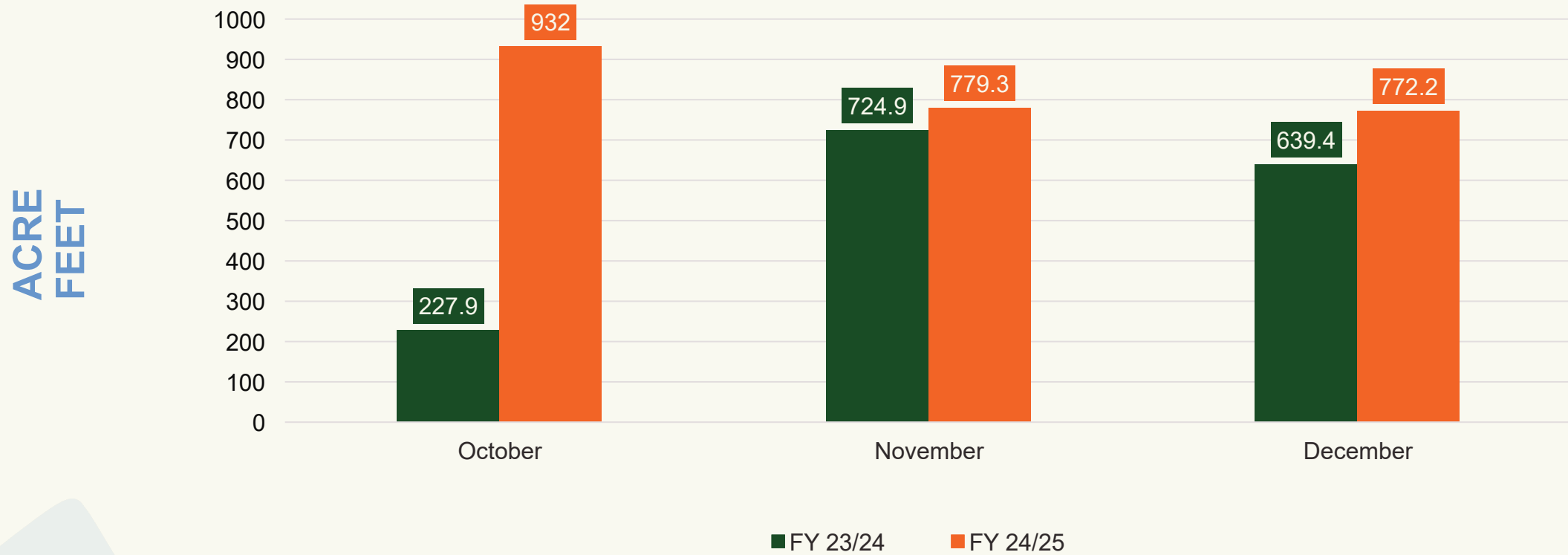
Well Production

October – 932.0 AF
November – 779.3 AF
December – 772.2 AF

MWD Purchased Water

October – 0 AF
November – 0 AF
December – 0 AF

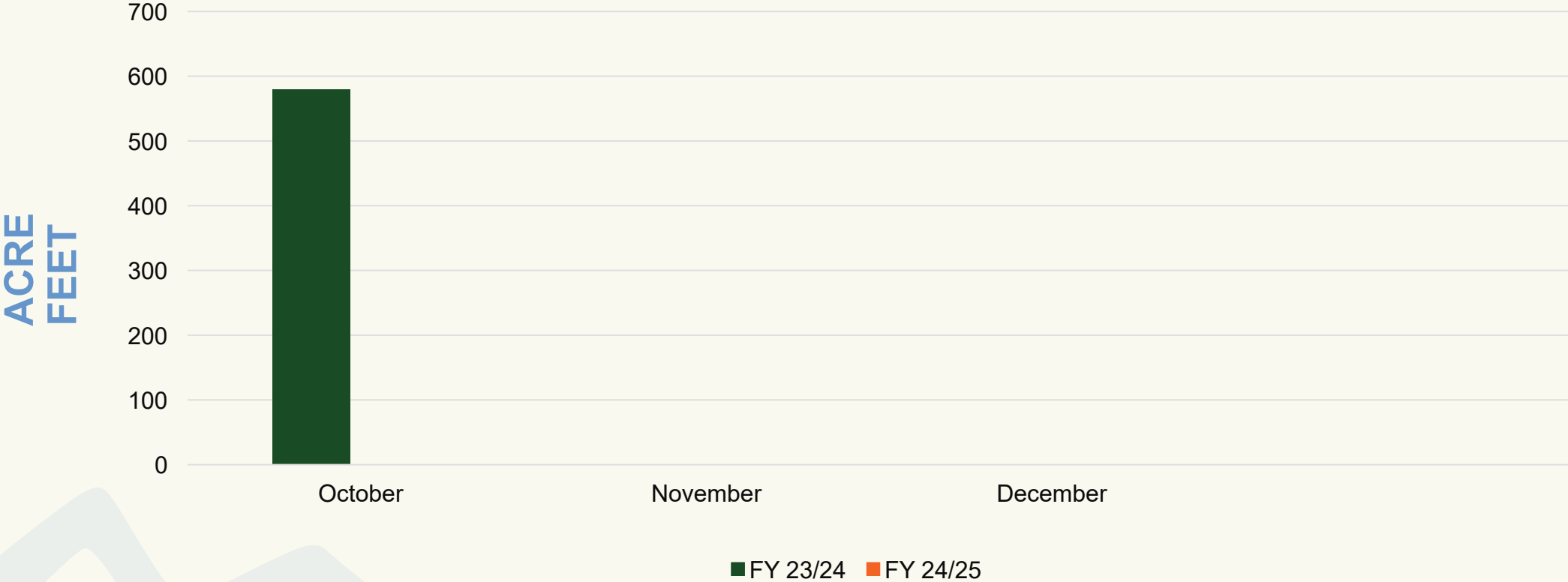
WELL PRODUCTION



MWD PURCHASED WATER

PURCHASED WATER SECOND QUARTER FY 2024/25

NO PURCHASED WATER FOR THIS QUARTER



RECOMMENDATIONS

- That the Water Commission:
 1. Receive and file local water supply outlook update