

**BOARD MEETING AGENDA  
SPECIAL MEETING OF THE BOARD OF DIRECTORS OF  
CITRUS HEIGHTS WATER DISTRICT (CHWD)  
SEPTEMBER 20, 2023 beginning at 6:00 PM**



**DISTRICT ADMINISTRATIVE OFFICE  
6230 SYLVAN ROAD, CITRUS HEIGHTS, CA**

**PHONE CALL IN: (253) 205-0468**

**PHONE MEETING ID: 849 7351 6272**

**COMPUTER AUDIO/LIVE MEETING PRESENTATIONS:** <https://us06web.zoom.us/j/84973516272>

In compliance with the Americans with Disabilities Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting, please contact the General Manager at (916) 725-6873. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

Members of the public may attend the meeting in person at the District headquarters or remotely through the phone number and link above.

Materials related to an agenda item for an open session of a regular meeting of the Citrus Heights Water District are posted on the Citrus Heights Water District website at [www.chwd.org](http://www.chwd.org).

**CALL TO ORDER:**

Upon request, agenda items may be moved to accommodate those in attendance wishing to address that item. Please inform the General Manager.

**ROLL CALL OF DIRECTORS:**

**PUBLIC COMMENT:**

**CLOSED SESSION:**

**CL-1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION**

Initiation of Litigation pursuant to Government Code, section 54956.9(d)(4):  
(Four cases)

**FUTURE CHWD BOARD OF DIRECTORS MEETING DATES:**

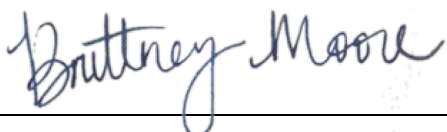
September 20, 2023	6:30 PM	Regular Meeting
October 18, 2023	6:30 PM	Regular Meeting
November 15, 2023	6:30 PM	Regular Meeting
December 20, 2023	6:30 PM	Regular Meeting
January 17, 2024	6:30 PM	Regular Meeting
February 21, 2024	6:30 PM	Regular Meeting
March 20, 2024	6:30 PM	Regular Meeting
April 17, 2024	6:30 PM	Regular Meeting
May 15, 2024	6:30 PM	Regular Meeting
June 19, 2024	6:30 PM	Regular Meeting
August 21, 2024	6:30 PM	Regular Meeting
September 18, 2024	6:30 PM	Regular Meeting
October 16, 2024	6:30 PM	Regular Meeting
November 20, 2024	6:30 PM	Regular Meeting

December 18, 2024 6:30 PM Regular Meeting

**ADJOURNMENT:**

**CERTIFICATION:**

I do hereby declare and certify that this agenda for this Special Meeting of the Board of Directors of the Citrus Heights Water District was posted in a location accessible to the public at the District Administrative Office Building, 6230 Sylvan Road, Citrus Heights, CA 95610 at least 24 hours prior to the special meeting in accordance with Government Code Section 54956.

A handwritten signature in blue ink that reads "Brittney Moore". The signature is written in a cursive style with a large, looped 'B' and 'M'.

---

Brittney Moore, Chief Board Clerk

Dated: September 14, 2023

**BOARD MEETING AGENDA  
REGULAR MEETING OF THE BOARD OF DIRECTORS OF  
CITRUS HEIGHTS WATER DISTRICT (CHWD)  
September 20, 2023 beginning at 6:30 PM**



**DISTRICT ADMINISTRATIVE OFFICE  
6230 SYLVAN ROAD, CITRUS HEIGHTS, CA**

**PHONE CALL IN: (253) 205-0468**

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Members of the public may attend the meeting in person at the District headquarters or remotely through the phone number and link above.

Materials related to an agenda item for an open session of a regular meeting of the Citrus Heights Water District are posted on the Citrus Heights Water District website at [www.chwd.org](http://www.chwd.org).

**CALL TO ORDER:**

Upon request, agenda items may be moved to accommodate those in attendance wishing to address that item. Please inform the General Manager.

**ROLL CALL OF DIRECTORS:**

**PLEDGE OF ALLEGIANCE:**

**VISITORS:**

**PUBLIC COMMENT:**

The Public shall have the opportunity to directly address the Board on any item of interest to the public before or during the Board's consideration of that item pursuant to Government Code Section 54954.3. Public comment on items of interest within the jurisdiction of the Board is welcome. The Presiding Officer will limit comments to three (3) minutes per speaker.

(A) Action Item

(D) Discussion Item

(I) Information Item

**CONSENT CALENDAR: (I/A)**

All items under the Consent Calendar are considered to be routine and will be approved by one motion. There will be no separate discussion of these items unless a member of the Board, Audience, or Staff requests a specific item be removed for separate discussion/action before the motion to approve the Consent Calendar.

CC-1a. Minutes of the Special Meeting – August 16, 2023 (A)

CC-1b. Minutes of the Special Meeting – August 16, 2023 (A)

CC-1c. Minutes of the Regular Meeting – August 16, 2023 (A)

CC-1d. Minutes of the Special Meeting – August 21, 2023 (A)

- CC-1e. Minutes of the Special Meeting – August 22, 2023 (A)
- CC-1f. Minutes of the Special Meeting – September 5, 2023 (A)

Recommendation:

Approve the minutes of the August 16, 2023 Regular and Special Meetings, the minutes of the August 21, 2023 Special Meeting, the minutes of the August 22, 2023 Special Meeting, and the minutes of the September 5, 2023 Special Meeting.

- CC-2. Revenue Analysis Report for August 2023 (I)
- CC-3. Assessor/Collector's Roll Adjustment for August 2023 (I)
- CC-4. Treasurer's Report for August 2023 (I)
- CC-5. Treasurer's Report of Fund Balances for August 2023 (I)
- CC-6. Operating Budget Analysis for August 2023 (I)
- CC-7. Capital Projects Summary for August 2023 (I)
- CC-8. Warrants for August (I)
- CC-9. Purchase Card Distributions for August 2023 (I)
- CC-10. Employee Recognitions (I)
- CC-11. Long-Range Agenda (I)
- CC-12. Engineering Department Report (I)
- CC-13. Operations Department Report (I)
- CC-14. 2023 Water Supply (I)
- CC-15. Water Supply Reliability (I)
- CC-16. Water Efficiency and Safety Program Update (I)
- CC-17 Resolution 14-2023 Commending Andy Sells for Service to the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA) (A)

Recommendation:

Adopt Resolution 14-2023 Commending Andy Sells for Service to the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA)

**PRESENTATIONS:**

None.

**PUBLIC HEARINGS:**

None.

**STUDY SESSION:**

None.

**BUSINESS:**

- B-1. Review and Consideration of Possible Action During the Comment Period for Senate Bill 606 and Assembly Bill 1668

Recommendation:

Authorize the Board President and CHWD staff to attend the SB 606 and AB 1668 public hearing on October 4 and provide testimony. Authorize CHWD to submit a formal comment letter to the SWRCB regarding SB 606 and AB 1668.



- B-2. Discussion and Possible Action to Consider Selection of a Local Agency Formation Commission Special District Representative (A)  
Recommendation:  
Provide staff direction concerning the Sacramento LAFCo Special District Representative Election.

**MANAGEMENT SERVICES REPORTS (I):**

None.

**CONSULTANTS' AND LEGAL COUNSEL'S REPORTS (I):**

None.

**DIRECTOR'S AND REPRESENTATIVE'S REPORTS (I):**

- D-1. Regional Water Authority (Sheehan/Straus).
- D-2. Sacramento Groundwater Authority (Sheehan).
- D-3. San Juan Water District (All).
- D-4. Association of California Water Agencies (Riehle/Wheaton).
- D-5. ACWA Joint Powers Insurance Authority (Wheaton/Moore).
- D-6. City of Citrus Heights (Pieri).
- D-7. Chamber of Commerce Update (Straus).
- D-8. RWA Legislative and Regulatory Affairs Update (Nunes/Scott).
- D-9. Customer Advisory Committee (Riehle/Moore).
- D-10. Other Reports.

**CLOSED SESSION:**

None.

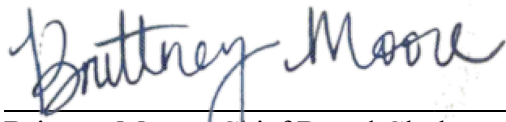
**FUTURE CHWD BOARD OF DIRECTORS MEETING DATES:**

October 18, 2023	6:30 PM	Regular Meeting
November 15, 2023	6:30 PM	Regular Meeting
December 20, 2023	6:30 PM	Regular Meeting
January 17, 2024	6:30 PM	Regular Meeting
February 21, 2024	6:30 PM	Regular Meeting
March 20, 2024	6:30 PM	Regular Meeting
April 17, 2024	6:30 PM	Regular Meeting
May 15, 2024	6:30 PM	Regular Meeting
June 19, 2024	6:30 PM	Regular Meeting
August 21, 2024	6:30 PM	Regular Meeting
September 18, 2024	6:30 PM	Regular Meeting
October 16, 2024	6:30 PM	Regular Meeting
November 20, 2024	6:30 PM	Regular Meeting
December 18, 2024	6:30 PM	Regular Meeting

**ADJOURNMENT:**

**CERTIFICATION:**

I do hereby declare and certify that this agenda for this Regular Meeting of the Board of Directors of the Citrus Heights Water District was posted in a location accessible to the public at the District Administrative Office Building, 6230 Sylvan Road, Citrus Heights, CA 95610 at least 72 hours prior to the Regular meeting in accordance with Government Code Section 54954.2.

A handwritten signature in blue ink that reads "Brittney Moore". The signature is written in a cursive, flowing style.

\_\_\_\_\_  
Brittney Moore, Chief Board Clerk

Dated: September 14, 2023

CITRUS HEIGHTS WATER DISTRICT  
BOARD OF DIRECTORS SPECIAL MEETING MINUTES  
August 16, 2023

The Special Meeting of the Board of Directors was called to order at 6:00 p.m. by President Riehle. Present were:

Raymond A. Riehle, President  
David C. Wheaton, Vice President  
Caryl F. Sheehan, Director

Also Present:

Thais Alvez, Special Labor Counsel  
Adam Englander, Communications and Public Engagement  
Al Johnson, Strategic Advisor and Negotiator  
Annie Liu, Director of Administrative Services  
Ashley Metzger, Communications Advisor  
Brittney Moore, Administrative Services Manager/Chief Board Clerk  
Josh Nelson, Assistant General Counsel  
Rebecca Scott, Director of Operations  
Hilary Straus, General Manager

**PUBLIC COMMENT:**

None.

President Riehle adjourned the meeting to Closed Session at 6:01 p.m.  
President Riehle adjourned the meeting back to Open Session at 6:40 p.m.  
President Riehle adjourned the meeting to Closed Session at 7:47 p.m.

**CLOSED SESSION:**

CL-1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION  
Initiation of Litigation pursuant to Government Code, section 54956.9(d)(4):  
(Four cases)

No reportable action.

CL-2. CONFERENCE WITH LABOR NEGOTIATORS  
Pursuant to Government Code, section 54957.6  
Agency designated representatives: Hilary Straus, General Manager,  
Annie Liu, Director of Administrative Services,  
Thais Alves, Special Counsel  
Employee Organization: Unrepresented Employees

The Board provided direction to Labor Negotiators.

President Riehle adjourned the meeting back to the open session at 8:53 p.m.

There was no reportable action from the Closed Session.

**ADJOURNMENT:**

There being no other business to come before the Board, the meeting was adjourned at 8:53 p.m.

APPROVED:

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BRITTNEY C. MOORE  
Chief Board Clerk  
Citrus Heights Water District

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RAYMOND A. RIEHLE, President  
Board of Directors  
Citrus Heights Water District

CITRUS HEIGHTS WATER DISTRICT  
BOARD OF DIRECTORS SPECIAL MEETING MINUTES  
August 16, 2023

The Special Meeting of the Board of Directors was called to order at 6:46 p.m. by President Riehle and roll was called. Present were:

Raymond A. Riehle, President  
David C. Wheaton, Vice President  
Caryl F. Sheehan, Director

Also Present:

Bryan Abaya, Principal Information Technology Analyst  
Brian Hensley, Water Resources Supervisor  
Annie Liu, Director of Administrative Services  
Brittney Moore, Administrative Services Manager/Chief Board Clerk  
Josh Nelson, Assistant General Counsel  
Melissa Pieri, Director of Engineering/ District Engineer  
Rebecca Scott, Director of Operations  
Kayleigh Shepard, Management Analyst  
Nick Spiers, Assistant Water Distribution Supervisor  
Hilary Straus, General Manager  
Brandon Young, Auditor, Lance, Soll & Lunghard, LLP

**VISITORS:**

Paul Dietrich, Customer  
Jay Martinez, Customer

**PLEDGE OF ALLEGIANCE:**

President Riehle led the Pledge of Allegiance.

**PUBLIC COMMENT:**

None.

**CONSENT CALENDAR:**

CC-1. Discussion and Possible Action to Approve Pre-Purchase of Equipment for Well #7 (A)

Recommendation:

Authorize the pre-purchase of the Pump/Motor and MCC for Well #7.

**ACTION:**

Vice President Wheaton moved, and Director Sheehan seconded a motion to approve the consent calendar.

The motion carried 3-0 with all Directors voting yes.

**ADJOURNMENT:**

There being no other business to come before the Board, the meeting was adjourned at 7:41 p.m.

APPROVED:

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BRITTNEY C. MOORE  
Chief Board Clerk  
Citrus Heights Water District

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RAYMOND A. RIEHLE, President  
Board of Directors  
Citrus Heights Water District

CITRUS HEIGHTS WATER DISTRICT  
BOARD OF DIRECTORS REGULAR MEETING MINUTES  
August 16, 2023

The Regular Meeting of the Board of Directors was called to order at 6:46 p.m. by President Riehle and roll was called. Present were:

Raymond A. Riehle, President  
David C. Wheaton, Vice President  
Caryl F. Sheehan, Director

Also Present:

Bryan Abaya, Principal Information Technology Analyst  
Thais Alvez, Special Labor Counsel  
Brian Hensley, Water Resources Supervisor  
Annie Liu, Director of Administrative Services  
Brittney Moore, Administrative Services Manager/Chief Board Clerk  
Josh Nelson, Assistant General Counsel  
Melissa Pieri, Director of Engineering/ District Engineer  
Rebecca Scott, Director of Operations  
Kayleigh Shepard, Management Analyst  
Nick Spiers, Assistant Water Distribution Supervisor  
Hilary Straus, General Manager  
Brandon Young, Lance, Auditor, Soll & Lunghard, LLP

**VISITORS:**

Paul Dietrich, Customer  
Jay Martinez, Customer

**PLEDGE OF ALLEGIANCE:**

President Riehle led the Pledge of Allegiance.

**PUBLIC COMMENT:**

None.

**CONSENT CALENDAR:**

- CC-1a. Minutes of the Special Meeting – June 15, 2023 (A)
- CC-1b. Minutes of the Special Meeting – June 21, 2023 (A)
- CC-1c. Minutes of the Regular Meeting – June 21, 2023 (A)
- CC-1d. Minutes of the Special Meeting – July 17, 2023 (A)
- CC-1e. Minutes of the Special Meeting – August 7, 2023 (A)

**Recommendation:**

Approve the minutes of the June 15, 2023 Special Meeting, the minutes of the June 21, 2023 Special and Regular Meetings, the minutes of the July

17, 2023 Special Meeting, and the minutes of the August 7, 2023 Special Meeting.

- CC-2. Revenue Analysis Report for June and July 2023 (I)
- CC-3. Assessor/Collector's Roll Adjustment for June and July 2023 (I)
- CC-4. Treasurer's Report for June and July 2023 (I)
- CC-5. Treasurer's Report of Fund Balances for June and July 2023 (I)
- CC-6. Operating Budget Analysis for June and July 2023 (I)
- CC-7. Capital Projects Summary for June and July 2023 (I)
- CC-8. Warrants for June and July 2023 (I)
- CC-9. Purchase Card Distributions for June and July 2023 (I)
- CC-10. Employee Recognitions (I)
- CC-11. Long-Range Agenda (I)
- CC-12. Engineering Department Report (I)
- CC-13a. Operations Department Report for June 2023 (I)
- CC-13b. Operations Department Report for July 2023 (I)
- CC-14. 2023 Water Supply (I)
- CC-15a. Water Supply Reliability for July (I)
- CC-15b. Water Supply Reliability for August (I)
- CC-16a. Water Efficiency and Safety Program Update for June (I)
- CC-16b. Water Efficiency and Safety Program Update for July (I)
- CC-17. 2023 Strategic Plan Update and 2024 Strategic Plan Approval (A)

Recommendation:

1. Receive and file an update of the 2023 Strategic Plan.
2. Approve the 2024 Strategic Plan, and direct that Strategic Planning Objectives be included in the 2024 proposed budget, which will be considered by the Board of Directors for adoption later in 2023 for the 2024 budget year.

- CC-18. Discussion and Possible Action to Adopt Resolution 13-2023 Establishing a Grievance Procedure to Assure the Prompt and Fair Resolution of Complaints that Allege Unlawful Discrimination Under Section 7.90 of Title 40 of the Code of Federal Regulations ("C.F.R.") (A)

Recommendation:

Adopt Resolution 13-2023 Establishing a Grievance Procedure to Assure the Prompt and Fair Resolution of Complaints that Allege Unlawful Discrimination Under Section 7.90 of Title 40 of the Code of Federal Regulations ("C.F.R.")

- CC-19. 2023 Compensation Study (A)

Recommendation:

Receive and file the 2023 Total Compensation Study

**ACTION:**

Vice President Wheaton moved and Director Sheehan seconded the motion to approve the consent calendar.

The motion carried 3-0 with all Directors voting yes.

**PRESENTATIONS:**



None.

**PUBLIC HEARINGS:**

None.

**STUDY SESSION:**

None.

**BUSINESS:**

B-1. Annual Comprehensive Financial Report for Years Ended December 31, 2022 (A)

**ACTION:**

Director Sheehan moved and Vice President Wheaton seconded the motion to receive and file the District's Annual Report for the Year Ended December 31, 2022 and to receive and file the Report on Internal Controls and Required Communication for the Year Ended December 31, 2022.

The motion carried 3-0 with all Directors voting yes.

B-2. Discussion and Possible Action to Consider Selection of President and Vice President for the Association of California Water Agencies (ACWA) 2023 Board Officers' Election (A)

**ACTION:**

Vice President Wheaton moved and Director Sheehan seconded the motion to cast a vote for Cathy Green for President and Michael Saunders for Vice President in ACWA's 2023 Board Officers' Election for the 2024-2025 term.

The motion carried 3-0 with all Directors voting yes.

B-3. Discussion and Possible Action to Approve District Policy Updates (A)

**ACTION:**

Director Sheehan moved and Vice President Wheaton seconded the motion to approve updates to the District's General Policies (1000 Series) and updates to the District's Human Resources Policies (4000 Series).

The motion carried 3-0 with all Directors voting yes.

**MANAGEMENT SERVICES REPORTS (I):**

None.

**CONSULTANTS' AND LEGAL COUNSEL'S REPORTS (I):**

None.

**DIRECTOR'S AND REPRESENTATIVE'S REPORTS (I):**

- D-1. Regional Water Authority (Sheehan/Straus).
- D-2. Sacramento Groundwater Authority (Sheehan).
- D-3. San Juan Water District (All).
- D-4. Association of California Water Agencies (Riehle/Wheaton).
- D-5. ACWA Joint Powers Insurance Authority (Wheaton/Moore).
- D-6. City of Citrus Heights (Pieri).
- D-7. Chamber of Commerce Update (Straus).
- D-8. RWA Legislative and Regulatory Affairs Update (Nunes/Scott).
- D-9. Customer Advisory Committee (Riehle/Moore).
- D-10. Other Reports.

**CLOSED SESSION:**

None.

**ADJOURNMENT:**

There being no other business to come before the Board, the meeting was adjourned at 7:41 p.m.

APPROVED:

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BRITTNEY C. MOORE  
Chief Board Clerk  
Citrus Heights Water District

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RAYMOND A. RIEHLE, President  
Board of Directors  
Citrus Heights Water District

CITRUS HEIGHTS WATER DISTRICT  
BOARD OF DIRECTORS SPECIAL MEETING MINUTES  
August 21, 2023

The Special Meeting of the Board of Directors was called to order at 6:08 p.m. by President Riehle and roll was called. Present were:

Raymond A. Riehle, President  
David C. Wheaton, Vice President  
Caryl F. Sheehan, Director

Also Present:

Habib Isaac, Financial Planning and Analysis, IB Consulting  
Annie Liu, Director of Administrative Services  
Brittney Moore, Administrative Services Manager/Chief Board Clerk  
Josh Nelson, Assistant General Counsel  
Jace Nunes, Management Analyst  
Melissa Pieri, Director of Engineering/ District Engineer  
Rebecca Scott, Director of Operations  
Kayleigh Shepard, Management Analyst  
Hilary Straus, General Manager

**VISITORS:**

Jay Martinez, Customer  
Nick Spiers, Staff

**PLEDGE OF ALLEGIANCE:**

President Riehle led the Pledge of Allegiance.

**PUBLIC COMMENT:**

None.

**PRESENTATIONS:**

P-1 Financing Planning & 2024 Budget Workshop (I/D)

The Board provided consensus direction to staff to prepare and present a budget to include revenue option seven (7) with \$200,000 transferred to the Water Meter Replacement designated reserve and \$200,000 transferred to the Water Supply designated reserve, for consideration at a future Board meeting/public hearing. The direction included preparing a statutorily compliant notice to send to all customers concerning the maximum rate adjustment that the Board will consider at a properly noticed public hearing at least forty-five (45) days after the release of the statutorily

compliant notice to customers.

**ADJOURNMENT:**

There being no other business to come before the Board, the meeting was adjourned at 9:03 p.m.

APPROVED:

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BRITTNEY C. MOORE  
Chief Board Clerk  
Citrus Heights Water District

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RAYMOND A. RIEHLE, President  
Board of Directors  
Citrus Heights Water District

CITRUS HEIGHTS WATER DISTRICT  
BOARD OF DIRECTORS SPECIAL MEETING MINUTES  
August 22, 2023

The Special Meeting of the Board of Directors was called to order at 6:00 p.m. by President Riehle and roll was called. Present were:

Raymond A. Riehle, President  
David C. Wheaton, Vice President  
Caryl F. Sheehan, Director

Also Present:

Steve Anderson, General Counsel  
Al Johnson, Strategic Advisor and Negotiator  
Annie Liu, Director of Administrative Services  
Brittney Moore, Administrative Services Manager/Chief Board Clerk  
Josh Nelson, Assistant General Counsel  
Hilary Straus, General Manager

**PUBLIC COMMENT:**

None.

President Riehle adjourned the meeting to Closed Session at 6:01 p.m.

**CLOSED SESSION:**

CL-1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION  
Initiation of Litigation pursuant to Government Code, section 54956.9(d)(4):  
(Two cases)

President Riehle adjourned the meeting back to open session at 7:29 p.m.

There was no reportable action from the Closed Session.

**ADJOURNMENT:**

There being no other business to come before the Board, the meeting was adjourned at 7:29 p.m.

APPROVED:

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BRITTNEY C. MOORE  
Chief Board Clerk  
Citrus Heights Water District

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RAYMOND A. RIEHLE, President  
Board of Directors  
Citrus Heights Water District

CITRUS HEIGHTS WATER DISTRICT  
BOARD OF DIRECTORS SPECIAL MEETING MINUTES  
September 5, 2023

The Special Meeting of the Board of Directors was called to order at 6:03 p.m. by President Riehle and roll was called. Present were:

Raymond A. Riehle, President  
David C. Wheaton, Vice President

Absent:  
Caryl F. Sheehan, Director

Also Present:

Steve Anderson, General Counsel  
Habib Isaac, Financial Planning and Analysis, IB Consulting  
Tim Cutler, Water Distribution Supervisor  
Al Johnson, Strategic Advisor and Negotiator  
Tim Katkanov, Engineering/GIS Technician  
Annie Liu, Director of Administrative Services  
Rebecca Scott, Director of Operations  
Kayleigh Shepard, Management Analyst/Deputy Board Clerk  
Nick Spiers, Assistant Water Distribution Supervisor  
Hilary Straus, General Manager

**VISITORS:**

Tony Barela, San Juan Water District  
Ted Costa, San Juan Water District  
Tom Gray, Fair Oaks Water District  
Paul Helliker, San Juan Water District  
Chris Petersen, Fair Oaks Water District  
Andrew Pierson, San Juan Water District  
Donna Silva, San Juan Water District  
Manuel Zamorano, San Juan Water District

**PLEDGE OF ALLEGIANCE:**

President Riehle led the Pledge of Allegiance.

**PUBLIC COMMENT:**

None.

**BUSINESS ITEMS:**

B-1 2x2 Meeting between CHWD Directors Riehle and Wheaton and SJWD Directors Costa and Zamorano (D)

- a. Introduction of Directors and Agency Representatives / Opportunity for Attendees to Outline Goals of 2x2 Meetings
- b. Discussion of Meeting Protocols and Ground Rules
- c. Discussion of Areas to be Discussed during the 2x2 Meetings which may include water banking, aquifer storage and recovery, water transfers outside of the SJWD family of agencies, wholesale cost and rates concerns, and other issues as identified by CHWD and SJWD Directors
- d. Schedule Next Meeting and Identify Agenda Topics

**ACTION:**

CHWD Directors Riehle and Wheaton and SJWD Directors Costa and Zamorano identified dates and agenda topics for future 2x2 meetings.

**ADJOURNMENT:**

There being no other business to come before the Board, the meeting was adjourned at 7:24 p.m.

**APPROVED:**

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BRITTNEY C. MOORE  
Chief Board Clerk  
Citrus Heights Water District

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RAYMOND A. RIEHLE, President  
Board of Directors  
Citrus Heights Water District

Aug 2023

## REVENUE ANALYSIS

**Outstanding Receivables**

Aged Trial Balance					
Total	Current	31-90	91-150	>150	Unapplied Current
1,932,060	1,704,368	120,988	49,531	163,765	106,593

General Ledger Balance	Total
Outstanding A/R	1,996,520.32
Outstanding Liens	-
Outstanding Grants	0
A/R Other	
Less Unapplied Payments	(108,154)
Total	\$ 1,888,366



## CC-03

1

September 20, 2023

To: Citrus Heights Water District Board of Directors

Re: Citrus Heights Water District Investment Portfolio Report for August 31, 2023

The attached Investment Report for August 31, 2023, is submitted in accordance with the Citrus Heights Water District (District)'s Investment Policy. All investments are in compliance with the policy.

The Investment Report lists all short- term, mid-term and long-term investments held at the conclusion of business on the final day of the month. The combined cash and investments in the District's treasury total \$27,461,028.31 with \$9,893,573.73 under the management of the Local Agency Investment Fund, California Asset Management Program, Money Market Funds and Bank of the West.

Investments with original cost of \$17,567,454.58 are selected based on criteria contained in the District's Investment Policy, which emphasized safety, liquidity, yield, and diversification. The core investments are marked to market daily based on a current market price determined by U.S. Bancorp Investments. The aggregate investment portfolio and holdings are included in the Investment Report.

The Investment Report demonstrates that sufficient liquidity is available to meet anticipated expenditures during the next six months.

Respectfully submitted,



Annie Y. Liu

Director of Administrative Services/Treasurer

# TREASURER'S REPORT TO THE BOARD OF DIRECTORS

For August 31, 2023

## Summary of Funds

Fund Name	Par Amount	Book Value	Original Cost	Market Value
Operating Account / Bank of West	2,212,503.00	2,212,503.00	2,212,503.00	2,212,503.00
Money Market - Dreyfus Institutional Reserves Funds				
Money Market - Wells Fargo	0.00	0.00	0.00	0.00
Local Agency Investment Fund / LAIF	2,146,926.51	2,146,926.51	2,146,926.51	2,146,926.51
California Asset Management / CAM	5,534,144.22	5,534,144.22	5,534,144.22	5,534,144.22
CHWD Investment CORE	18,040,081.52	17,594,468.37	17,567,454.58	17,565,615.67
<b>Total</b>	<b>27,933,655.25</b>	<b>27,488,042.10</b>	<b>27,461,028.31</b>	<b>27,459,189.40</b>

# TREASURER'S REPORT TO THE BOARD OF DIRECTORS

CC-04


## For August, 2023 Funds Reconciliation

<b>Bank of the West Beginning Balance 8/1/2023</b>		<b>\$2,034,145</b>
<b>RECEIPTS/TRANSFERS:</b>		
Receipts	2,234,645	
Transfers In - BoW Dreyfus Sweep Investment Redemptions	1,357,113	
Transfers In - BoW Dreyfus Treas Cash Mgmt	2,043,073	<u>5,634,830</u>
<b>DISBURSEMENTS/TRANSFERS:</b>		
Checks Issued / ACH Payments	1,442,502	
Returned Checks	2,314	
Payroll	416,331	
Transfer Out-BoW Dreyfus Sweep Investment Purchases	1,095,326	
Transfer Out- CAMP POOL	2,500,000	
Transfer Out- US Bank Custodial Account	0	
	<u>5,456,473</u>	<u>178,358</u>
<b>Bank of the West</b>	<b>Balance per Bank</b>	
<b>08/31/2023</b>		<b>2,212,503</b>
Outstanding Checks		(719,784)
Deposit in Transit		<u>156,178</u>
<b>Balance Per Books 08/31/2023</b>		<b><u><u>\$1,648,898</u></u></b>

<b>RECONCILEMENT:</b>	
Bank of the West Checking	\$2,212,503
Bank of the West Dreyfus Treasurer Cash Mngt Acct	.
CAMP Pool Account	\$5,534,144
Local Agency Investment Fund	2,146,927
Wells Fargo- Money Mkt Account	<u>0</u>
<b>TOTAL LIQUIDY BALANCE</b>	<b><u><u>\$9,893,574</u></u></b>


<b>CASH &amp; INVESTMENT SUMMARY:</b>	
CHWD-Liquidity	9,893,574
CHWD-Investment Core	<u>17,594,468</u>
<b>Total</b>	<b><u><u>27,488,042</u></u></b>

I certify that this report accurately reflects all pooled investments and is in compliance with applicable State of California Government Codes and is in conformity with Investment of District Funds Policy 6300. As Treasurer of the Citrus Heights Water District, I hereby certify that sufficient investment liquidity and anticipated revenue are available to meet the next six months' estimated expenditures.



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**ANNIE Y. LIU**  
Treasurer



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**HILARY M. STRAUS**  
Secretary

Signed: 9/14/2023

# Monthly Investment Report Citrus Heights Water District

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August 31, 2023

Total Aggregate Portfolio

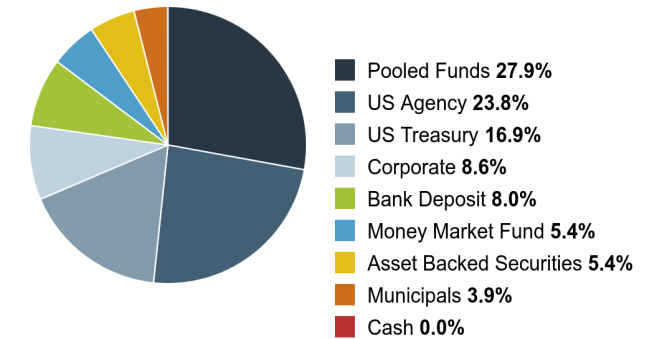
# Summary Overview

Citrus Heights Water District | Total Aggregate Portfolio

## Portfolio Characteristics

Metric	Value
Cash and Cash Equivalents	11,393,655.25
Investments	16,170,200.64
Book Yield	4.53%
Market Yield	4.56%
Effective Duration	1.83
Years to Maturity	1.53
Avg Credit Rating	AAA

## Allocation by Asset Class



## Strategic Structure

Account	Par Amount	Book Value	Original Cost	Market Value	Net Unrealized Gain (Loss)	Accrued	Yield at Cost	Effective Duration	Benchmark Duration	Benchmark
CHWD-Investment Core	18,040,081.52	17,594,468.37	17,567,454.58	17,565,615.67	(28,852.70)	104,666.49	4.92%	2.05	2.07	ICE BofA 0-5 Year US Treasury Index
CHWD-Liquidity	9,893,573.73	9,893,573.73	9,893,573.73	9,893,573.73	0.00	0.00	3.69%	0.01	0.08	ICE BofA US 1-Month Treasury Bill Index
<b>Total</b>	<b>27,933,655.25</b>	<b>27,488,042.10</b>	<b>27,461,028.31</b>	<b>27,459,189.40</b>	<b>(28,852.70)</b>	<b>104,666.49</b>	<b>4.53%</b>	<b>1.83</b>		



# CHWD Holdings Report

As of 08/31/2023

## CHWD\_Total Portfolio (354503)

Dated: 09/07/2023

Identifier	Description	Final Maturity	Par Amount	Book Value	Original Cost	Market Value	Net Unrealized Gain/Loss	Accrued Balance	Book Yield	GPA Effective Duration, Years to Final Maturity
CHWD_CAMP	California Asset Management Program	08/31/2023	5,534,144.22	5,534,144.22	5,534,144.22	5,534,144.22	0.00	0.00	5.520	---
CAL_LGIP	CALIFORNIA LAIF	08/31/2023	2,146,926.51	2,146,926.51	2,146,926.51	2,146,926.51	0.00	0.00	3.434	0.000
CH_BOW_DEP	Bank of the West Deposit	08/31/2023	2,212,503.00	2,212,503.00	2,212,503.00	2,212,503.00	0.00	0.00	0.010	---
31846V203	FIRST AMER:GVT OBLG Y	08/31/2023	1,496,686.31	1,496,686.31	1,496,686.31	1,496,686.31	0.00	0.00	4.940	0.000
CCYUSD	Receivable	08/31/2023	3,395.21	3,395.21	3,395.21	3,395.21	0.00	0.00	0.000	0.000
91282CDD0	UNITED STATES TREASURY	10/31/2023	400,000.00	396,724.84	395,796.88	396,688.00	-36.84	505.43	5.448	0.164
912797FV4	UNITED STATES TREASURY	12/21/2023	500,000.00	491,974.08	488,720.33	491,840.00	-134.08	0.00	5.415	0.301
91282CDV0	UNITED STATES TREASURY	01/31/2024	400,000.00	392,810.81	389,500.00	392,624.00	-186.81	304.35	5.341	0.407
3130ATUQ8	FEDERAL HOME LOAN BANKS	03/08/2024	375,000.00	373,660.97	373,413.00	373,683.75	22.78	8,559.90	5.454	0.494
9128286R6	UNITED STATES TREASURY	04/30/2024	400,000.00	392,061.80	389,765.63	391,736.00	-325.80	3,032.61	5.354	0.643
9128286Z8	UNITED STATES TREASURY	06/30/2024	400,000.00	388,652.73	386,031.25	388,252.00	-400.73	1,198.37	5.314	0.805
3133EPDE2	FEDERAL FARM CREDIT BANKS FUNDING CORP	09/09/2024	400,000.00	400,357.15	400,424.00	400,388.00	30.85	10,272.22	5.276	0.958
3130ATUR6	FEDERAL HOME LOAN BANKS	12/13/2024	350,000.00	347,777.97	347,474.75	347,497.50	-280.47	3,507.29	5.144	1.218
91282CDS7	UNITED STATES TREASURY	01/15/2025	400,000.00	378,059.34	378,015.63	378,764.00	704.66	586.96	5.330	1.329
3130AV7L0	FEDERAL HOME LOAN BANKS	02/28/2025	300,000.00	300,087.75	300,099.00	299,937.00	-150.75	125.00	4.975	1.420
3130AUZC1	FEDERAL HOME LOAN BANKS	03/14/2025	350,000.00	347,644.07	347,480.00	347,308.50	-335.57	8,723.26	5.083	1.427
3135G03U5	FEDERAL NATIONAL MORTGAGE ASSOCIATION	04/22/2025	350,000.00	325,733.35	324,558.50	326,007.50	274.15	783.85	5.093	1.592
912828XB1	UNITED STATES TREASURY	05/15/2025	400,000.00	380,359.71	380,328.13	381,328.00	968.29	2,517.66	5.171	1.633
3133EPNB7	FEDERAL FARM CREDIT BANKS FUNDING CORP	06/20/2025	300,000.00	298,959.91	298,854.00	298,137.00	-822.91	2,736.46	4.829	1.694
3133EPRS6	FEDERAL FARM CREDIT BANKS FUNDING CORP	07/28/2025	350,000.00	348,555.70	348,539.10	349,611.50	1,055.80	1,564.06	5.103	1.794
06428CAC8	BANK OF AMERICA NA	08/18/2025	250,000.00	249,960.44	249,960.00	250,850.00	889.56	510.07	5.658	1.762
91282CFK2	UNITED STATES TREASURY	09/15/2025	300,000.00	293,390.55	292,769.53	292,194.00	-1,196.55	4,850.54	4.649	1.908
14041NGB1	COMET 2022-3 A	10/15/2025	200,000.00	199,223.39	199,156.25	198,596.00	-627.39	440.00	5.199	1.964
3133EPMB8	FEDERAL FARM CREDIT BANKS FUNDING CORP	12/08/2025	300,000.00	296,843.53	296,577.00	295,596.00	-1,247.53	2,853.13	4.621	2.119
89115A2K7	TORONTO-DOMINION BANK	01/09/2026	200,000.00	198,729.77	198,656.00	198,416.00	-313.77	1,474.20	5.395	2.174
91282CGL9	UNITED STATES TREASURY	02/15/2026	350,000.00	344,370.13	344,175.78	344,477.00	106.87	646.74	4.702	2.305
3133EPNV3	FEDERAL FARM CREDIT BANKS FUNDING CORP	03/30/2026	300,000.00	299,142.42	299,085.00	297,270.00	-1,872.42	2,223.96	4.496	2.395
3133EPPR0	FEDERAL FARM CREDIT BANKS FUNDING CORP	04/10/2026	400,000.00	399,093.22	399,045.60	399,208.00	114.78	2,620.83	4.721	2.414
14913UAA8	CATERPILLAR FINANCIAL SERVICES CORP	05/15/2026	150,000.00	148,387.46	148,278.00	147,636.00	-751.46	1,921.25	4.779	2.487
3133EPUD5	FEDERAL FARM CREDIT BANKS FUNDING CORP	05/28/2026	300,000.00	299,163.94	299,160.60	300,357.00	1,193.06	118.75	4.863	2.541



# CHWD Holdings Report

As of 08/31/2023

## CHWD\_Total Portfolio (354503)

Dated: 09/07/2023

Identifier	Description	Final Maturity	Par Amount	Book Value	Original Cost	Market Value	Net Unrealized Gain/Loss	Accrued Balance	Book Yield	GPA Effective Duration, Years to Final Maturity
24422EWX3	JOHN DEERE CAPITAL CORP	06/08/2026	150,000.00	149,988.75	149,988.00	149,254.50	-734.25	1,642.71	4.752	2.538 2.769
89239KAC5	TAOT 2022-A A3	06/15/2026	225,000.00	216,757.52	216,571.29	216,288.00	-469.52	123.00	5.734	0.815 2.789
3133EPNG6	FEDERAL FARM CREDIT BANKS FUNDING CORP	06/23/2026	300,000.00	299,699.50	299,679.00	298,008.00	-1,691.50	2,479.17	4.413	2.594 2.810
3133EPQC2	FEDERAL FARM CREDIT BANKS FUNDING CORP	07/17/2026	250,000.00	249,606.13	249,595.25	249,745.00	138.87	1,413.19	4.684	2.651 2.876
78016FZZ0	ROYAL BANK OF CANADA	07/20/2026	150,000.00	149,612.33	149,596.50	149,406.00	-206.33	888.33	5.298	2.632 2.884
06051GLA5	BANK OF AMERICA CORP	07/22/2026	150,000.00	147,964.18	147,766.50	147,201.00	-763.18	784.39	5.363	1.769 2.890
797272RN3	SAN DIEGO CALIF CMNTY COLLEGE DIST	08/01/2026	145,000.00	132,257.85	131,719.45	131,693.35	-564.50	174.60	4.718	2.792 2.917
94988J6D4	WELLS FARGO BANK NA	08/07/2026	250,000.00	249,907.00	249,905.00	250,792.50	885.50	832.64	5.464	2.599 2.934
3133EPSW6	FEDERAL FARM CREDIT BANKS FUNDING CORP	08/14/2026	350,000.00	349,737.44	349,733.30	348,852.00	-885.44	743.75	4.527	2.729 2.953
34533YAE0	FORDO 2020-C A4	08/15/2026	250,000.00	236,529.11	236,054.69	237,192.50	663.39	56.67	5.064	1.206 2.956
3130AWTQ3	FEDERAL HOME LOAN BANKS	09/11/2026	350,000.00	348,123.57	348,110.00	349,989.50	1,865.93	1,214.06	4.814	2.788 3.030
78016EZZ3	ROYAL BANK OF CANADA	11/02/2026	200,000.00	178,601.55	177,770.00	177,190.00	-1,411.55	925.56	5.114	3.010 3.172
912828Z78	UNITED STATES TREASURY	01/31/2027	375,000.00	340,524.34	339,667.97	340,151.25	-373.09	489.13	4.438	3.261 3.419
3133ENV9	FEDERAL FARM CREDIT BANKS FUNDING CORP	04/26/2027	350,000.00	330,817.33	330,400.00	330,522.50	-294.83	3,493.92	4.522	3.376 3.652
91412HFP3	UNIVERSITY CALIF REVS	05/15/2027	200,000.00	179,114.98	178,080.00	176,368.00	-2,746.98	804.42	4.469	3.518 3.704
02582JTT8	AMXCA 2022-2 A	05/17/2027	200,000.00	193,746.92	193,437.50	193,494.00	-252.92	301.33	5.370	1.615 3.709
91282CEW7	UNITED STATES TREASURY	06/30/2027	300,000.00	290,190.40	289,699.22	288,000.00	-2,190.40	1,669.16	4.187	3.531 3.830
7994082A6	SAN RAMON VALLEY CALIF UNI SCH DIST	08/01/2027	250,000.00	219,093.47	218,142.50	218,382.50	-710.97	246.67	4.688	3.739 3.917
799038NS9	SAN MATEO CNTY CALIF CMNTY COLLEGE DIST	09/01/2027	220,000.00	193,951.28	192,810.20	193,960.80	9.52	1,613.70	4.768	3.770 4.003
65480BAD9	NAROT 2021-A A4	09/15/2027	200,000.00	184,022.63	183,296.88	185,080.00	1,057.37	50.67	5.231	1.769 4.041
91282CFM8	UNITED STATES TREASURY	09/30/2027	300,000.00	299,552.28	299,531.25	297,222.00	-2,330.28	5,206.97	4.164	3.653 4.082
419792DB9	HAWAII ST	10/01/2027	200,000.00	191,436.80	191,052.00	189,338.00	-2,098.80	2,791.67	4.514	3.466 4.085
89236TKL8	TOYOTA MOTOR CREDIT CORP	11/10/2027	150,000.00	153,351.34	153,498.00	152,836.50	-514.84	2,520.63	4.850	3.658 4.194
12663JAC5	CNH 2022-B A3	11/15/2027	250,000.00	243,436.32	243,222.66	243,855.00	418.68	432.22	5.417	1.771 4.208
023135CP9	AMAZON.COM INC	12/01/2027	150,000.00	149,595.94	149,578.50	149,409.00	-186.94	1,706.25	4.620	3.711 4.252
142921AD7	CARMX 2032-2 A3	01/18/2028	200,000.00	199,317.63	199,289.06	198,606.00	-711.63	448.89	5.257	2.218 4.383
24422EWR6	JOHN DEERE CAPITAL CORP	01/20/2028	150,000.00	150,106.54	150,111.00	149,331.00	-775.54	811.46	4.731	3.895 4.389
3133EPAV7	FEDERAL FARM CREDIT BANKS FUNDING CORP	02/14/2028	250,000.00	247,192.92	247,082.50	245,355.00	-1,837.92	457.47	4.154	4.034 4.457
931142FB4	WALMART INC	04/15/2028	150,000.00	147,193.88	147,082.50	145,411.50	-1,782.38	2,161.25	4.352	4.052 4.624
46647PDA1	JPMORGAN CHASE & CO	04/26/2028	150,000.00	145,039.81	144,790.50	144,234.00	-805.81	2,251.56	5.132	3.271 4.654





# CHWD Holdings Report

As of 08/31/2023

CHWD\_Total Portfolio (354503)

Dated: 09/07/2023

Identifier	Description	Final Maturity	Par Amount	Book Value	Original Cost	Market Value	Net Unrealized Gain/Loss	Accrued Balance	Book Yield	GPA Effective Duration, Years to Final Maturity
91282CCE9	UNITED STATES TREASURY	05/31/2028	300,000.00	263,819.94	262,359.38	261,153.00	-2,666.94	952.87	4.082	4.501 4.750
3130AWN63	FEDERAL HOME LOAN BANKS	06/30/2028	300,000.00	298,964.42	298,938.00	296,472.00	-2,492.42	1,566.67	4.080	4.323 4.832
89115A2U5	TORONTO-DOMINION BANK	07/17/2028	150,000.00	151,191.56	151,221.00	150,741.00	-450.56	1,012.55	5.335	4.203 4.879
419792YT7	HAWAII ST	08/01/2028	200,000.00	169,777.99	169,290.00	168,600.00	-1,177.99	190.83	4.623	4.665 4.920
3133EPUN3	FEDERAL FARM CREDIT BANKS FUNDING CORP	08/28/2028	350,000.00	352,438.16	352,439.50	352,996.00	557.84	131.25	4.328	4.431 4.994
---	---	03/09/2025	27,933,655.25	27,488,042.10	27,461,028.31	27,459,189.40	-28,852.70	104,666.49	4.532	1.824 1.523

\* Weighted by: Market Value. \* Holdings Displayed by: Lot.

This report is for general informational purposes only and is not intended to provide specific advice or recommendations. Government Portfolio Advisors (GPA) is an investment advisor registered with the Securities and Exchange Commission and is required to maintain a written disclosure statement of our background and business experience.

**Questions About an Account:** GPA's monthly & quarterly reports are intended to detail the investment advisory activity managed by GPA. The custodial bank maintains the control of assets and settles all investment transactions. The custodial statement is the official record of security and cash holdings and transactions. GPA recognizes that clients may use these reports to facilitate record keeping and that the custodial bank statement and the GPA report should be reconciled, and differences documented.

**Trade Date versus Settlement Date:** Many custodial banks use settlement date basis and post coupons or maturities on the following business days when they occur on weekend. These items may result in the need to reconcile due to a timing difference. GPA reports are on a trade date basis in accordance with GIPS performance standards. GPA can provide all account settings to support the reason for any variance.

**Bank Deposits and Pooled Investment Funds Held in Liquidity Accounts Away from the Custodial Bank are Referred to as Line Item Securities:** GPA relies on the information provided by clients when reporting pool balances, bank balances and other assets that are not held at the client's custodial bank. GPA does not guarantee the accuracy of information received from third parties. Balances cannot be adjusted once submitted however corrective transactions can be entered as adjustments in the following months activity. Assets held outside the custodial bank that are reported to GPA are included in GPA's oversight compliance reporting and strategic plan.

**Account Control:** GPA does not have the authority to withdraw or deposit funds from or to any client's custodial account. Clients retain responsibility for the deposit and withdrawal of funds to the custodial account. Our clients retain responsibility for their internal accounting policies, implementing and enforcing internal controls and generating ledger entries or otherwise recording transactions.

**Custodial Bank Interface:** Our contract provides for the ability for GPA to interface into our client's custodial bank to reconcile transactions, maturities and coupon payments. The GPA client portal will be available to all clients to access this information directly at any time.

**Market Price:** Generally, GPA has set all securities market pricing to match custodial bank pricing. There may be certain securities that will require pricing override due to inaccurate custodial bank pricing that will otherwise distort portfolio performance returns. GPA may utilize Refinitiv pricing source for commercial paper, discount notes and supranational bonds when custodial bank pricing does not reflect current market levels. The pricing variances are obvious when market yields are distorted from the current market levels.

**Performance Calculation:** Historical returns are presented as time-weighted total return values and are presented gross and net of fees.

**Amortized Cost:** The original cost on the principal of the security is adjusted for the amount of the periodic reduction of any discount or premium from the purchase date until the date of the report. Discounts or premiums are amortized on a straight-line basis on all securities. This can be changed at the client's request.

**Callable Securities:** Securities subject to redemption in whole or in part prior to the stated final maturity at the discretion of the security's issuer are referred to as "callable". Certain call dates may not show up on the report if the call date has passed or if the security is continuously callable until maturity date. Bonds purchased at a premium will be amortized to the next call date while all other callable securities will be amortized to maturity. If the bond is amortized to the call date, amortization will be reflected to that date and once the call date passes, the bond will be fully amortized.

**Duration:** The duration is the effective duration. Duration on callable securities is based on the probability of the security being called given market rates and security characteristics.

**Benchmark Duration:** The benchmark duration is based on the duration of the stated benchmark that is assigned to each account.

**Rating:** Information provided for ratings is based upon a good faith inquiry of selected sources, but its accuracy and completeness cannot be guaranteed.

**Coupon Payments and Maturities on Weekends:** On occasion, coupon payments and maturities occur on a weekend or holiday. GPA's report settings are on the accrual basis so the coupon postings and maturities will be accounted for in the period earned. The bank may be set at a cash basis, which may result in a reconciliation variance.

**Cash and Cash Equivalents:** GPA has defined cash and cash equivalents to be cash, bank deposits, LGIP pools and repurchase agreements. This may vary from your custodial bank which typically defines cash and equivalents as all securities that mature under 90 days. Check with your custodial bank to understand their methodology.

**Account Settings:** GPA has the portfolio settings at the lot level, if a security is sold our setting will remove the lowest cost security first. First-in-first-out (FIFO) settings are available at the client's request.

**Historical Numbers:** Data was transferred from GPA's legacy system, however, variances may exist from the data received due to a change of settings on Clearwater. GPA is utilizing this information for historical return data with the understanding the accrual settings and pricing sources may differ slightly.


**Financial Situation:** In order to better serve you, GPA should be promptly notified of any material change in your investment objective or financial situation.

**No Guarantee:** The securities in the portfolio are not guaranteed or otherwise protected by GPA, the FDIC (except for non-negotiable certificates of deposit) or any government agency. Investment in securities involves risks, including the possible loss of the amount invested.



**TREASURER'S REPORT OF ACCOUNT BALANCES**  
**August 31, 2023**

Fund Name	Beginning Balance 01/01/2023	Year to Date Transfers In / Collections	Year to Date Transfers Out	Current Month Transfers In / Collections	Current Month Transfers Out	Ending Balance 08/31/2023	2023 Target Balance per Policy
<b>Operating Fund</b>	\$ 8,953,894	\$ 9,926,303	\$ (6,964,371)	\$ 2,490,073	\$ (855,333)	\$ 13,550,566	\$ 2,334,017
<b>Operating Reserve</b>	\$ 3,592,065	\$ -	\$ -	\$ -	\$ -	\$ 3,592,065	N/A
<b>Rate Stabilization Fund</b>	\$ 1,000,000	\$ -	\$ -	\$ -	\$ -	\$ 1,000,000	\$ 1,000,000
<b>Capital Improvement Reserve</b>	\$ 2,796,860	\$ -	\$ -	\$ -	\$ -	\$ 2,796,860	\$ 2,681,248
<b>Restricted for Debt Service</b>	\$ 536,963	\$ -	\$ -	\$ -	\$ -	\$ 536,963	N/A
<b>Water Supply Reserve</b>	\$ 2,623,173	\$ -	\$ -	\$ -	\$ -	\$ 2,623,173	N/A
<b>Water Efficiency Reserve</b>	\$ 200,000	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ 200,000
<b>Water Meter Replacement Reserve</b>	\$ 1,725,000	\$ -	\$ -	\$ -	\$ -	\$ 1,725,000	N/A
<b>Water Main Reserve - Project 2030</b>	\$ 1,189,350	\$ 771,272		\$ 146,249		\$ 2,106,871	N/A
<b>Fleet Equipment Reserve</b>	\$ 334,253	\$ -	\$ -	\$ -	\$ -	\$ 334,253	\$ 318,559
<b>Employment-Related Benefits Reserve</b>	\$ 986,962	\$ -	\$ -	\$ -	\$ -	\$ 986,962	\$ 986,962
	<u><u>\$ 23,938,519</u></u>	<u><u>10,697,575</u></u>	<u><u>\$ (6,964,371)</u></u>	<u><u>\$ 2,636,322</u></u>	<u><u>\$ (855,333)</u></u>	<u><u>\$ 29,452,712</u></u>	<u><u>\$ 7,520,786</u></u>



**ANNIE Y. LIU, Treasurer**

**TREASURER'S REPORT OF FUND BALANCES**  
**August 31, 2023**

**Fund Transfers Summary:**

**Operating Fund:**

Fund Collected	\$ 2,490,073
Fund Disbursed	<u>\$ (855,333)</u>
<b>Net Fund Transferred:</b>	<b>\$ 1,634,740</b>

<b><u>Water Main Reserve - Project 2030</u></b>	<b><u>\$ 146,249</u></b>
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Citrus Heights Water District  
Budget Performance Report  
As of 8/31/2023

CC-06

	August Actual	Year-to-Date Actual	Year-to-Date Budget	YTD Variance Amount	Percent	Annual Budget
Revenues						
Metered Service Charges	\$1,270,893.85	\$8,021,411.57	\$7,383,060.67	\$638,350.93	8.65%	\$11,074,591.00
Metered Water Deliveries	1,128,051.77	3,885,789.69	\$3,866,477.33	19,312.33	0.50%	5,799,716.00
Water Main Replacement Revenue	146,248.65	917,520.40	\$916,066.00	1,454.40	0.16%	1,374,099.00
Non-Metered Service Charges			\$93,333.33	(93,336.00)	-100.00%	140,000.00
Penalties	52,791.00	55,420.00	\$72,466.67	(17,046.64)	-23.52%	108,700.00
Interest	25,761.65	312,400.77	\$266,666.67	45,734.13	17.15%	400,000.00
Backflow Fees	10,072.00	53,048.80	\$49,800.00	3,248.80	6.52%	74,700.00
Water Service Install & S&R	1,454.04	9,632.30	\$249,266.67	(239,634.34)	-96.14%	373,900.00
Grant Funds		937.50	\$0.00	937.50	0.00%	
Gain on Sale of Assets		390.00	\$0.00	937.50	0.00%	
Miscellaneous *	(656.48)	10,866.77	\$1,071,333.33	(1,060,466.56)	-98.99%	1,607,000.00
Cost Reimbursements	1,705.02	6,647.66	\$0.00	6,647.66	0.00%	
Income - Wheeling Water		59,829.74	\$1,800.00	58,029.74	3223.87%	2,700.00
Total Revenue	2,636,321.50	13,333,895.20	13,970,270.67	(635,830.55)	-4.55%	20,955,406.00
*includes Assessments, New Account, Back Charges & other Miscellaneous Revenue Sources						
Operating Expenses						
Cost of Water						
Purchased Water		1,900,375.45	\$2,137,000.00	(236,624.55)	-11.07%	3,205,500.00
Ground Water	113,488.98	541,022.47	\$891,447.11	(350,424.64)	-39.31%	1,337,170.66
	113,488.98	2,441,397.92	3,028,447.11	(587,049.19)	-19.38%	4,542,670.66
Labor & Benefits						
Labor Regular	402,595.92	2,403,809.98	\$2,609,702.00	(205,892.02)	-7.89%	3,914,553.00
Labor Non-Regular	639.37	639.37	\$400.00	239.37	59.84%	600.00
Labor Taxes	30,019.71	187,724.72	\$195,354.13	(7,629.41)	-3.91%	293,031.20
Labor Workers Comp		39,169.69	\$66,733.33	(27,563.64)	-41.30%	100,100.00
Labor External	1,350.00	11,100.00	\$66,305.33	(55,205.33)	-83.26%	99,458.00
Benefits Med/Den/Vis	37,541.19	329,199.24	\$344,067.80	(14,868.56)	-4.32%	516,101.70
Benefits LTD/Life/EAP	3,931.13	35,770.15	\$97,975.08	(62,204.93)	-63.49%	146,962.62
Benefits CalPers	40,966.33	198,106.81	\$237,962.01	(39,855.20)	-16.75%	356,943.01
Benefits Other	13,453.48	82,093.94	\$113,872.55	(31,778.61)	-27.91%	170,808.83
Benefits OPEB			\$90,200.00	(90,200.00)	-100.00%	135,300.00
Benefit Retiree Expenses	4,761.60	35,097.17	\$39,410.73	(4,313.56)	-10.95%	59,116.10
Benefit Unemployment			\$6,155.11	(6,155.11)	-100.00%	9,232.67
Benefit GASB 68		451,556.50	\$299,449.67	152,106.83	50.80%	449,174.50
			\$0.00	0.00	n/a	
Capitalized Labor & Benefit Contra	(33,843.86)	(241,407.36)	(\$376,666.66)	135,259.30	-35.91%	(564,999.99)
	501,414.87	3,532,860.21	3,790,921.09	(258,060.88)	-6.81%	5,686,381.64

Citrus Heights Water District  
Budget Performance Report  
As of 8/31/2023

CC-06

	August Actual	Year-to-Date Actual	Year-to-Date Budget	YTD Variance Amount	Percent	Annual Budget
General & Administrative						
Fees & Charges	23,809.09	110,581.98	\$124,323.33	(13,741.35)	-11.05%	186,485.00
Regulatory Compliance/Permits	2,367.50	65,265.20	\$134,526.67	(69,261.47)	-51.49%	201,790.00
District Events & Recognition	913.72	18,685.84	\$40,248.67	(21,562.83)	-53.57%	60,373.00
Maintenance/Licensing	3,415.00	177,521.20	\$146,725.33	30,795.87	20.99%	220,088.00
Equipment Maintenance	7,023.91	82,794.55	\$78,266.67	4,527.88	5.79%	117,400.00
Professional Development	13,181.04	52,126.70	\$109,992.67	(57,865.97)	-52.61%	164,989.00
Department Admin			\$7,133.33	(7,133.33)	-100.00%	10,700.00
Dues & Subscriptions	797.35	180,809.80	\$73,458.00	107,351.80	146.14%	110,187.00
Facility Improvements		2,625.00	\$0.00	2,625.00	n/a	
Fuel & Oil	5,759.00	45,356.06	\$58,200.00	(12,843.94)	-22.07%	87,300.00
General Supplies	2,994.61	47,883.16	\$78,200.00	(30,316.84)	-38.77%	117,300.00
Insurance - Auto/Prop/Liab		99,411.66	\$74,800.00	24,611.66	32.90%	112,200.00
Leasing/Equipment Rental	1,543.95	19,173.98	\$22,266.67	(3,092.69)	-13.89%	33,400.00
Parts & Materials	111,343.90	431,037.49	\$106,666.67	324,370.82	304.10%	160,000.00
Postage/Shipping/Freight	4,986.45	53,258.83	\$91,268.00	(38,009.17)	-41.65%	136,902.00
Rebates & Incentives	925.00	5,866.49	\$21,333.33	(15,466.84)	-72.50%	32,000.00
Telecom/Network	4,186.27	31,108.04	\$45,733.33	(14,625.29)	-31.98%	68,600.00
Tools & Equipment	12,052.78	47,513.00	\$57,433.33	(9,920.33)	-17.27%	86,150.00
Utilities	2,965.46	25,727.40	\$0.00	25,727.40	n/a	
Write-Off Bad Debt Exp		1.08	\$3,333.33	(3,332.25)	-99.97%	5,000.00
Capitalized G&A Contra	(134,666.11)	(332,494.45)	\$333.33	(332,827.78)	-99848.34%	500.00
Capitalized Equipment Contra	(53,759.11)	(301,483.93)	\$0.00	(301,483.93)	n/a	
			\$0.00	0.00	n/a	
	9,839.81	862,769.08	1,274,242.67	(411,473.59)	-32.29%	1,911,364.00
Professional & Contract Services						
Support Services	191,141.38	868,841.66	\$935,088.67	(66,247.01)	-7.08%	1,402,633.00
Legal Services	38,992.40	302,959.09	\$214,002.00	88,957.09	41.57%	321,003.00
Printing Services	468.64	15,398.20	\$30,000.00	(14,601.80)	-48.67%	45,000.00
	230,602.42	1,187,198.95	1,179,090.67	8,108.28	0.69%	1,768,636.00
Reserves & Debt Services						
Interest Expense	(13.10)	67,540.31	\$46,502.78	21,037.53	45.24%	69,754.17
Net Increase(Decrease) in Value of Investments		(272,062.66)	\$0.00	(272,062.66)	n/a	
	(13.10)	(204,522.35)	46,502.78	(251,025.13)	-539.81%	69,754.17
Total Operating Expenses	855,332.98	7,819,703.81	9,319,204.31	(1,499,500.50)	-16.09%	13,978,806.47
Net Income / (Expense)	1,780,988.52	5,514,191.39	4,651,066.35	863,125.04	18.56%	6,976,599.53

**Citrus Heights Water District**  
**Capital Projects Summary**  
**Fiscal Period End as of 8/2023**

**CC-7**

		BUDGET	AMOUNTS PAID			PROJECTION
Project Number	Project Name	Approved 2023 Budget	Month to Date	Year to Date	Project to Date	Remaining Budget for Total Project
C16-134	Auburn Blvd-Rusch Park Placer	\$407,370	\$0	\$161	\$8,946	\$398,424
C20-108	Corp Yard PreArchitecture Stdy	\$98,324	\$0	\$0	\$1,676	\$96,648
C20-109	Corp Yard Plans Specs Estimate	\$0	\$0	\$0	\$0	\$0
<b>Construction in Progress</b>		<b>\$505,694</b>	<b>\$0</b>	<b>\$161</b>	<b>\$10,622</b>	<b>\$495,072</b>
C21-012	Water Service Connections	\$0	\$0	\$0	\$15,860	(\$15,860)
C23-010	Water Main Pipeline Replacemen	\$50,000	\$0	\$0	\$0	\$50,000
C23-011	Water Valve Replacements	\$115,000	\$13,247	\$67,980	\$67,980	\$47,020
C23-012	Water Service Connections	\$1,075,000	\$301,267	\$804,028	\$804,028	\$270,972
C23-013	Water Meter Replacements	\$120,000	\$861	\$21,020	\$21,020	\$98,980
C23-014	Fire Hydrants	\$175,000	\$17,215	\$105,704	\$105,704	\$69,296
<b>Annual Infrastructure</b>		<b>\$1,535,000</b>	<b>\$332,590</b>	<b>\$998,732</b>	<b>\$1,014,592</b>	<b>\$520,408</b>
C15-104B	Document Management System	\$127,639	\$364	\$63,054	\$179,285	(\$51,646)
C22-004	Technology Hardware/Software	\$0	\$564	\$564	\$10,452	(\$10,452)
C23-003	Fleet/Field Operations Equip	\$425,000	\$0	\$124,273	\$124,273	\$300,727
C23-004	Technology Hardware/Software	\$55,000	\$0	\$0	\$0	\$55,000
<b>Fleet and Equipment</b>		<b>\$607,639</b>	<b>\$928</b>	<b>\$187,891</b>	<b>\$314,010</b>	<b>\$293,629</b>
C20-105	Walnut Drive	\$0	\$540	\$683	\$28,819	(\$28,819)
C21-102	Old Auburn Road	\$0	\$0	\$0	\$2,029	(\$2,029)
C21-104	Mesa Verde HS	\$0	\$0	\$0	\$747,517	(\$747,517)
C21-105	Madison Ave & Dewey Dr	\$3,093	\$0	\$3,093	\$78,746	(\$75,653)
C22-101	Carriage Drive	\$5,749	\$0	\$6,337	\$579,234	(\$573,485)
C22-104	Patton Ave Main	\$63,651	\$9,050	\$73,889	\$73,889	(\$10,238)
C22-105	Reno Ln Main	\$63,387	\$50	\$66,040	\$66,218	(\$2,831)
C23-040A	City of Citrus Heights Wachtel	\$16,217	\$0	\$16,217	\$16,217	\$0
<b>Water Mains</b>		<b>\$152,097</b>	<b>\$9,640</b>	<b>\$166,259</b>	<b>\$1,592,669</b>	<b>(\$1,440,572)</b>
C17-103	Operations Building Remodel	\$10,851	\$0	\$0	\$21,180	(\$10,329)
C21-040	Other City Partnerships	\$0	\$0	\$0	\$0	\$0
C21-040B	Elec. Greenway Bike Trail	\$0	\$0	\$0	\$1,797	(\$1,797)
C21-041	Other Misc Infrastructure	\$50,000	\$0	\$0	\$0	\$50,000

**Citrus Heights Water District  
Capital Projects Summary  
Fiscal Period End as of 8/2023**

**CC-7**

		<b>BUDGET</b>	<b>AMOUNTS PAID</b>			<b>PROJECTION</b>
<b>Project Number</b>	<b>Project Name</b>	<b>Approved 2023 Budget</b>	<b>Month to Date</b>	<b>Year to Date</b>	<b>Project to Date</b>	<b>Remaining Budget for Total Project</b>
C21-041B	Greenback Acquisition	\$45,445	\$0	\$46,445	\$346,918	(\$301,473)
C22-005	Facilities Improvements	\$0	\$0	\$0	\$44,748	(\$44,748)
C22-040	Other City Partnerships	\$0	\$0	\$0	\$0	\$0
C22-040D	SACOG 22 AC Overlay P1	\$0	\$0	\$0	\$174	(\$174)
C22-040E	San Juan Ave Complete Streets	\$0	\$0	\$0	\$0	\$0
C22-041	Other Misc Infrastructure	\$0	\$0	\$0	\$0	\$0
C22-102	Well Site Acquisition	\$7,782	\$0	\$7,782	\$265,468	(\$257,686)
C23-005	Facilities Improvements	\$21,637	\$1,342	\$22,979	\$22,979	(\$1,342)
C23-040	Other City Partnerships	\$83,783	\$0	\$0	\$0	\$83,783
C23-041	Misc Infrastructure Projects	\$100,000	\$0	\$0	\$0	\$100,000
C23-104	Patton/Pardal/Alondra/Perdez	\$1,010,000	\$0	\$0	\$0	\$1,010,000
C23-105	Reno Lane 8-inch	\$705,000	\$0	\$0	\$0	\$705,000
C23-106	Admiral & Anchor 8-inch	\$75,000	\$0	\$569	\$569	\$74,431
<b>Miscellaneous Projects</b>		<b>\$2,109,498</b>	<b>\$1,342</b>	<b>\$77,775</b>	<b>\$703,833</b>	<b>\$1,405,665</b>
C17-104	Groundwater Well Property Acq	\$115,000	\$0	\$115,015	\$116,128	(\$1,128)
C17-104A	Well #7 Patton	\$0	\$0	\$0	\$67,434	(\$67,434)
C17-104B	Well #8 Highland	\$0	\$0	\$0	\$0	\$0
C18-106	Groundwater Well #7	\$0	\$0	\$0	\$10,780	(\$10,780)
C20-107	Well Design & Construction	\$3,045,500	\$581,577	\$784,748	\$1,112,109	\$1,933,391
C22-020	Groundwater Well Improvements	\$0	\$0	\$0	\$7,332	(\$7,332)
C22-102A	SJUSD Property	\$6,518	\$0	\$6,518	\$12,100	(\$5,582)
C22-103	Well Design Construct Highland	\$0	\$0	\$0	\$0	\$0
C23-020	Groundwater Well Improvements	\$148,753	\$0	\$0	\$0	\$148,753
C23-103	Highland Well	\$0	\$30	\$116	\$116	(\$116)
<b>Wells</b>		<b>\$3,315,771</b>	<b>\$581,607</b>	<b>\$906,397</b>	<b>\$1,325,999</b>	<b>\$1,989,772</b>
<b>Grand Totals:</b>		<b>\$8,225,699</b>	<b>\$926,107</b>	<b>\$2,337,215</b>	<b>\$4,961,725</b>	<b>\$3,263,974</b>



## AUGUST 2023 WARRANTS

<u>CHECK</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
75944	WONG TRUST	Customer Refund	\$193.32
75945	STEVEN OR LOANNE JACKSON	Customer Refund	\$13.51
75946	LISA MARIE VALENCIA	Customer Refund	\$126.44
75947	GARY OR LINDA A BROOKS	Customer Refund	\$9.94
75948	DANIEL BLUSHTEIN	Customer Refund	\$165.23
75949	OLEG SHATOV	Customer Refund	\$17.38
75950	Cap City Construction LLC	Customer Refund	\$22.47
75951	ABA DABA RENTAL	Supplies-Field	\$193.16
75952	ACWA JPIA	Liabilty & Comp Insurance	\$4,858.00
75953	ACWA JPIA	Workers Comp Insurance	\$25,450.25
75954	AFLAC	Employee Paid Insurance	\$290.74
75955	AREA PORTABLE SERVICES	Equipment Rental-Field	\$110.58
75956	AUTOMATE MAILING SERVICE	Contract Services-Bill Print/Mail	\$9,555.34
75957	BEST BEST AND KRIEGER	Legal & Audit	\$13,614.60
75958	BRYCE CONSULTING INC	Consulting Services	\$2,090.00
75959	CITY OF CITRUS HEIGHTS	Permit Fees	\$1,456.96
75960	ROBIN COPE	Health Insurance	\$495.00
75961	CPS HUMAN RESOURCE SERVICES	Consulting Services	\$6,000.00
75962	COUNTY OF SACRAMENTO EMD	Permit Fees	\$933.00
75963	ESRI	Maintenance Agreement-Equipment	\$7,700.00
75964	RARESTEP INC DBA FLEETIO	Maintenance Agreement-Software	\$2,322.00
75965	FLOWLINE CONTRACTORS INC	Contract Services-Engineering	\$2,388.00
75966	GOVERNMENT PORTFOLIO ADVISORS	Contract Services-Financial	\$1,119.72
75967	INTEGRITY ADMINISTRATORS INC	Health Insurance	\$232.73
75968	KEI WINDOW CLEANING 12	Janitorial	\$120.00
75969	MOONLIGHT BPO LLC	Contract Services-Bill Print/Mail	\$9,718.20
75970	NATIONAL TRENCH SAFETY	Equipment Rental-Field	\$3,145.00
75971	NOWSPEED INC	Contract Services-Other	\$250.00
75972	KARRIE OLENICK	Toilet Rebate Program	\$75.00
75973	REPUBLIC SERVICES 922	Utilities	\$504.13
75974	REGIONAL GOVERNMENT SERVICES	Consulting Services	\$16,460.93
75975	SAGENT	Contract Services-Other	\$5,558.85
75976	MARY LYNN SCHERRER	Health Insurance	\$164.90
75977	SIMON AND COMPANY INC	Contract Services-Other	\$1,000.00
75978	SMUD	Utilities	\$18,238.60
75979	STATE WATER RESOURCES CONTROL BOARD	Dues & Subscriptions	\$60.00
75980	TEE JANITORIAL MAINTENANCE	Janitorial	\$2,989.00
75981	HENLEY PACIFIC LA LLC	Repair-Equipment	\$66.20
75982	ZIM INDUSTRIES INC	Contract Services-Wells	\$578,270.13
75983	ACWA JPIA	Workers Comp Insurance	\$99.20
75984	TEANN MARIE COX	Customer Refund	\$13.97
75985	BRIAN OR MAUREEN H BERESINI	Customer Refund	\$33.33
75986	BEATRICE R HANNAH	Customer Refund	\$79.86
75987	ELIETTE R FARINA	Customer Refund	\$1,415.70
75988	ANGEL ROSE HOME LP	Customer Refund	\$352.76
75989	NICK OR ALICIA STURGEON	Customer Refund	\$149.12
75990	SAMI ALMASHAHEDAH OR MAY YOUSIF	Customer Refund	\$120.50
75991	ACWA	Professional Development	\$4,075.00
75992	AFLAC	Employee Paid Insurance	\$290.74
75993	AIA SERVICES LLC NDS	Water Conservation-Supplies	\$1,202.87
75994	AIRGAS USA LLC	Supplies-Field	\$593.97
75995	ALEXANDERS CONTRACT SERVICES	Contract Services-Meter Reads	\$4,420.25
75996	ANSWERNET	Telephone-Answering Service	\$372.35
75997	BART RIEBES AUTO PARTS	Repair-Trucks	\$252.09
75998	BEST BEST AND KRIEGER	Legal & Audit	\$10,126.90
75999	BSK ASSOCIATES	Water Analysis	\$1,171.00
76000	CITRUS HEIGHTS SAW AND MOWER	Repair-Equipment/Hardware	\$2,107.67
76001	COLANTUONO HIGHSMITH WHATLEY PC	Legal & Audit	\$9,685.50
76002	CORELOGIC INFORMATION SOLUTIONS INC	Dues & Subscriptions	\$225.10
76003	COUNTY OF SACRAMENTO REVENUE RECOVERY	Bank Fee	\$53.00

## AUGUST 2023 WARRANTS

<u>CHECK</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
76004	COUNTY OF SACRAMENTO	Permit Fees	\$302.00
76005	SACRAMENTO COUNTY UTILITIES	Utilities	\$190.10
76006	TAMAR DAWSON	Professional Development	\$335.00
76007	JESSE OR LAURA FULLER	Toilet Rebate Program	\$50.00
76008	GOVERNMENT PORTFOLIO ADVISORS	Contract Services-Financial	\$1,129.62
76009	FERGUSON ENTERPRISES INC 1423	Material	\$30,525.78
76010	HUNT AND SONS INC	Gas & Oil	\$2,019.65
76011	MMANC	Dues & Subscriptions	\$30.00
76012	ONE PRINT SOURCE AND GRAPHICS	Printing	\$412.67
76013	PACE SUPPLY CORP	Material	\$3,554.96
76014	REGIONAL GOVERNMENT SERVICES	Consulting Services	\$13,851.78
76015	REGIONAL WATER AUTHORITY	Dues & Subscriptions	\$35,000.00
76016	USA BLUE BOOK	Supplies-Field	\$299.24
76017	WEST YOST ASSOCIATES	Contract Services-Engineering	\$7,030.00
76018	ELLIS F OR ANNETTIA JONES	Customer Refund	\$34.18
76019	STACY M MILLER	Customer Refund	\$25.39
76020	DENNIS OR DIANNE GREENE	Customer Refund	\$1,061.49
76021	STEVE SARDARI	Customer Refund	\$119.03
76022	TEDD L RUNNING	Customer Refund	\$159.17
76023	TRENT FAMILY TRUST	Customer Refund	\$900.00
76024	DALLIN LLC	Customer Refund	\$54.33
76025	LOUISE OR CHARLES E HONNER	Customer Refund	\$179.02
76026	SCHUCHMANN FAMILY REVOC TRUST	Customer Refund	\$12.55
76027	DUONG THUY DANG	Customer Refund	\$36.92
76028	Marques General Engineering	Customer Refund	\$1,655.40
76029	C BON LLC	Customer Refund	\$9.90
76030	ACWA	Professional Development	\$815.00
76031	ALEXANDERS CONTRACT SERVICES	Contract Services-Meter Reads	\$2,345.02
76032	AWWA	Dues & Subscriptions	\$311.00
76033	B AND M BUILDERS	Contract Services-Engineering	\$60,062.00
76034	JOANNA BARE	Toilet Rebate Program	\$75.00
76035	BEST BEST AND KRIEGER	Legal & Audit	\$12,260.90
76036	CDW GOVERNMENT INC	Supplies	\$564.47
76037	CHCMB	Water Conservation-Other	\$50.00
76038	CITY OF CITRUS HEIGHTS	Permit Fees	\$2,065.50
76039	COMCAST	Equipment Rental-Office	\$93.45
76040	CONSOLIDATED	Telephone-Local/Long Distance	\$2,889.11
76041	ROBERT FERRIE	Toilet Rebate Program	\$75.00
76042	GLOBAL MACHINERY WEST	Repair-Equipment	\$861.87
76043	HARRIS INDUSTRIAL GASES	Supplies-Field	\$3.52
76044	IB CONSULTING LLC	Consulting Services	\$21,420.00
76045	J4 SYSTEMS	Contract Services-Other	\$5,269.75
76046	MICHAEL KOENIG	Contract Services-Other	\$2,160.00
76047	LOWES	Supplies-Field	\$294.30
76048	MICHELLE MCQUILLAN	Toilet Rebate Program	\$75.00
76049	ROBERT MERRILL	Toilet Rebate Program	\$150.00
76050	MOONLIGHT BPO LLC	Contract Services-Bill Print/Mail	\$1,253.35
76051	CINDY MORRIS	Toilet Rebate Program	\$50.00
76052	NAVIAINT	Maintenance Agreement-Software	\$363.75
76053	NINJO LLC	Dues & Subscriptions	\$130.00
76054	AMADIN OGBEBOR	Toilet Rebate Program	\$150.00
76055	REGIONAL GOVERNMENT SERVICES	Consulting Services	\$11,304.12
76056	SAN JUAN WATER DISTRICT	Purchased Water	\$736,104.37
76057	LES SCHWAB TIRES	Repair-Trucks	\$83.55
76058	HILARY STRAUS	Professional Development	\$340.00
76059	T MOBILE	Telephone-Wireless	\$918.86
76060	TIAA COMMERCIAL FINANCE INC	Equipment Rental-Office	\$522.59
76061	HENLEY PACIFIC LA LLC	Repair-Equipment	\$80.86
76062	WALKERS OFFICE SUPPLIES	Office Expense	\$55.22
76063	WATERWISE CONSULTING INC	Contract Services-Water Conservation	\$1,075.00

## AUGUST 2023 WARRANTS

<u>CHECK</u>	<u>PAYEE</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
76064	WARREN CONSULTING ENGINEERS INC	Contract Services-Engineering	\$9,000.00
76065	WEX BANK	Gas & Oil	\$3,739.35
76066	DAVID WHEATON	Professional Development	\$340.00
76067	WILLIAMS AND PADDON	Contract Services-Engineering	\$833.70
76068	WOLF CONSULTING	Contract Services-Other	\$9,375.00
76069	CITY OF CITRUS HEIGHTS	Permit Fees	\$1,129.78
76070	TYLER S GEROULD	Customer Refund	\$32.52
76071	ELIZABETH HASAN	Customer Refund	\$191.14
76072	CYRUS OR MANSOREH J MOAZAM	Customer Refund	\$130.34
76073	STEVEN J MCKIRGAN	Customer Refund	\$23.25
76074	BILAL OR SOMAYA SADEK	Customer Refund	\$223.52
76075	ADAMLABS INC	Contract Services-Other	\$610.00
76076	ALEXANDERS CONTRACT SERVICES	Contract Services-Meter Reads	\$1,984.15
76077	CALIFORNIA NEVADA SECTION AWWA	Dues & Subscriptions	\$100.00
76078	B AND M BUILDERS	Contract Services-Engineering	\$69,517.50
76079	BEST BEST AND KRIEGER	Legal & Audit	\$10,238.60
76080	BRYCE CONSULTING INC	Consulting Services	\$665.00
76081	CALIFORNIA LANDSCAPE ASSOCIATES INC	Janitorial	\$245.00
76082	CITY OF CITRUS HEIGHTS	Equipment Rental-Office	\$100.00
76083	COLLEGE OAK TOWING	Repair-Trucks	\$247.50
76084	COUNTY OF SACRAMENTO CLERK	Publication Notices	\$50.00
76085	DIANA MILLER PHOTOGRAPHY	Contract Services-Miscellaneous	\$270.00
76086	FAST ACTION PEST CONTROL	Contract Services-Miscellaneous	\$184.80
76087	GRAYBAR ELECTRIC CO	Supplies-Field	\$2,317.90
76088	IB CONSULTING LLC	Consulting Services	\$11,750.00
76089	ICONIX WATERWORKS	Material	\$1,160.11
76090	INTEGRITY ADMINISTRATORS INC	Health Insurance	\$5,000.00
76091	MICHAEL R OR MELISSA M KARELIUS	Toilet Rebate Program	\$75.00
76092	PIRTEK POWER INN	Repair-Trucks	\$875.31
76093	QUICK QUACK CAR WASH	Maintenance Agreement-Equipment	\$298.30
76094	REGIONAL GOVERNMENT SERVICES	Consulting Services	\$20,028.22
76095	SIERRA SAFETY	Small Tools	\$1,185.25
76096	UNITED RENTALS NORTH AMERICA INC	Equipment Rental-Field	\$3,476.99
76097	USA BLUE BOOK	Supplies-Field	\$351.08
76098	VERIZON WIRELESS	Telephone-Wireless	\$378.30
<b>Total</b>			<b>\$1,872,198.54</b>
ACH	ADP 638892515	Contract Services-Financial	\$43.80
ACH	ADP 639452906	Contract Services-Financial	\$436.75
ACH	ADP 640433575	Contract Services-Financial	\$315.80
ACH	CALIFORNIA CHOICE SEPT 2023	Health Insurance	\$43,078.00
ACH	PRINCIPAL SEPT 2023	Health Insurance	\$9,125.29
ACH	CHASE JULY 2023	Bank Fee	\$4,005.62
ACH	IC 11682023-7	Bank Fee	\$6,348.70
ACH	ICMA 8/3/23 PAYDAY	Deferred Compensation	\$10,544.11
ACH	ICMA 8/17/23 PAYDAY	Deferred Compensation	\$10,537.90
ACH	ICMA 8/31/23 PAYDAY	Deferred Compensation	\$10,578.77
ACH	JP MORGAN JULY 2023	See August Agenda Item CC-9	\$14,254.62
ACH	JP MORGAN JULY 23 AP	See August Agenda Item CC-9	\$30.00
ACH	PERS 8/17/23 PAYDAY	PERS	\$25,865.59
ACH	PERS 7/18/23 PAYDAY	PERS	\$25,865.48
ACH	PERS 8/3/23 PAYDAY	PERS	\$25,865.59
ACH	VALIC 8/3/23 PAYDAY	Deferred Compensation	\$2,920.99
ACH	VALIC 8/17/23 PAYDAY	Deferred Compensation	\$2,920.99
<b>Total</b>			<b>\$192,738.00</b>
<b>Grand Total</b>			<b>\$2,064,936.54</b>

**JP Morgan Purchase Card Distributions**  
**Aug-23**

Name	General Supplies	District Events & Recognition	Tools & Equipment	Dues & Subscription	Gas & Oil	Professional Development	Support Services	Equipment Maintenance	Total Bill
Shockley	\$ 616.63	\$ 2,864.14	\$ 902.46	\$ 155.00		\$ 2,149.07	\$ 703.41		\$ 7,390.71
Liu		\$ 106.05							\$ 106.05
Spiers		\$ 117.77	\$ 408.36		\$ 113.73			\$ 367.68	\$ 1,007.54
Abaya				\$ 19.79					\$ 19.79
Shepard	\$ 5.77	\$ 483.81		\$ 2.95					\$ 492.53
Pieri		\$ 46.33							\$ 46.33
Moore	\$ 17.22	\$ 367.04				\$ 67.70	\$ 190.00		\$ 641.96
Scott		\$ 28.86							\$ 28.86
<b>Total Bill</b>	<b>\$ 639.62</b>	<b>\$ 4,014.00</b>	<b>\$ 1,310.82</b>	<b>\$ 177.74</b>	<b>\$ 113.73</b>	<b>\$ 2,216.77</b>	<b>\$ 893.41</b>	<b>\$ 367.68</b>	<b>\$ 9,733.77</b>

# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

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SUBJECT : EMPLOYEE RECOGNITION  
 STATUS : Information Item  
 REPORT DATE : August 23, 2023  
 PREPARED BY : Brittney Moore, Administrative Services Manager/Chief Board Clerk  
 Kayleigh Shepard, Management Analyst/Deputy Board Clerk

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The following District employees were recognized for perfect attendance during July 2023, and outstanding customer service and quality of work during the month of August 2023.

### Administrative Services

<u>Name</u>	<u>Attendance</u>	<u>Customer Service</u>	<u>Work Quality</u>
Bryan Abaya	Yes	Assisted HR staff with getting a computer set up for recruitment assessments.	
Dana Mellado		An owner on Poppy Way was very thankful that he spoke to Dana who provided him with thorough information on the Tax Levy process. The customer appreciated all the insight she gave him related to tenant billing and payment arrangements.	
Viviana Munoz	Yes		Manually entered Tax Levy fees and corresponding notes to applicable customer accounts.

<u>Name</u>	<u>Attendance</u>	<u>Customer Service</u>	<u>Work Quality</u>
Kayleigh Shepard		<p>Assisted Ops staff with coordinating and setting up for the RWA General Manager's regional meeting on 8/21/23.</p> <p>Assisted the customer service team with bank deposits during a staff outage.</p> <p>Assisted communications staff with Customer Advisory Committee (CAC) correspondence.</p>	<p>Controlled the boardroom cameras at the 8/7/23 Special Meeting due to a planned staff outage.</p> <p>Was available during a staff outage to redistribute the August agenda packet to include a new special meeting item within appropriate deadlines.</p> <p>Kayleigh received a compliment from Board President Riehle during the Regular August Board Meeting for her work to format the human resources policies.</p> <p>Coordinated customer interpreting assistance with Language World services and created a user guide for customer service staff.</p>
Beth Shockley	Yes	<p>Worked quickly to coordinate a same day All Employee team meeting event on 8/15/23.</p> <p>Provided support and logistics for the RWA General Manager's regional meeting on 8/21/23.</p>	
Desiree Smith	Yes		<p>Assisted engineering staff during a staff outage with clarifying the process for downsizing a customer's meter.</p> <p>Processed Billing, Past-Due Notices, Exports, &amp; Imports during a staff outage.</p> <p>Manually entered Tax Levy fees and corresponding notes to applicable customer accounts.</p>

### Engineering Department

<u>Name</u>	<u>Attendance</u>	<u>Customer Service</u>	<u>Work Quality</u>
Tamar Dawson			Prepared a staff report for the Reno Lane project & attended the August 7 <sup>th</sup> Special Board meeting.
Tim Katkanov	Yes	Stayed after regular business hours to assist Board Clerk staff with camera set up for the 8/7/23 Special Meeting and provided additional IT support during a planned staff outage.	
Ali Shafaq	Yes		
Neil Tamagni	Yes		On 8/11/23, Neil obtained a certification from the American Construction Inspection Association as a Registered Construction Inspector.

### Operations Department

<u>Name</u>	<u>Attendance</u>	<u>Customer Service</u>	<u>Work Quality</u>
Kelly Drake	Yes		
Brian Hensley	Yes		
Ricky Kelley	Yes	8/31 – Manager at Sierra Glen Apts. called to say that Ricky was phenomenal in assisting her with a private leak. His fast response time was a true representation of the quality of customer service CHWD provides.	

<u>Name</u>	<u>Attendance</u>	<u>Customer Service</u>	<u>Work Quality</u>
Mike Mariedth	Yes	8/31 – Manager at Sierra Glen Apts. called to say that Mike was phenomenal in assisting her with a private leak. His fast response time was a true representation of the quality of customer service CHWD provides.	
Jace Nunes	Yes		Presented at the 8/21/23 Budget Workshop.  Assisted with coordinating and presented at the RWA General Manager’s lunch.
Nick Spiers	Yes		
John Spinella	Yes		



CITRUS HEIGHTS WATER DISTRICT  
DISTRICT STAFF REPORT TO BOARD OF DIRECTORS  
SEPTEMBER 20, 2023 MEETING

SUBJECT : LONG RANGE AGENDA  
STATUS : Consent/Information Item  
REPORT DATE : SEPTEMBER 13, 2023  
PREPARED BY : Brittney Moore, Administrative Services Manager/Chief Board Clerk

**OBJECTIVE:**  
Listed below is the current Long Range Agenda.

Legend	
S	Study Session
CC	Consent Calendar
P	Presentation
B	Business
PH	Public Hearing
CL	Closed Session

CITRUS HEIGHTS WATER DISTRICT LONG RANGE AGENDA

MEETING DATE	MEETING TYPE	ITEM DESCRIPTION	ASSIGNED	AGENDA TYPE	AGENDA ITEM
October 18, 2023					
October 18, 2023		Award of Contract for Patton Lane Water Main Project	Pieri	CC	A
October 18, 2023		DWR Agreement	Scott	CC	A
October 18, 2023		JPIA Presentation	Moore	P	I/D
October 18, 2023		Customer Advisory Committee Survey Results	Metzger	SS	I/D
October 18, 2023		Misc Charges and Fees Proposed	Finance Staff	SS	I/D
October 18, 2023		Customer Advisory Committee Member Appointments	Metzger	B	A
November 15, 2023					
December 20, 2023					
December 20, 2023	Annual	Committee Assignments	Moore	B	A
December 20, 2023	Annual	District Officers	Moore	B	A
December 20, 2023	Annual	Selection of President and Vice President	Straus	B	A
December 20, 2023		Development Standards & Procedures	Pieri	SS	I/D
January 17, 2024					
January 17, 2024		Strategic Plan Update/ 2024 Strategic Plan Preview	Moore	SS	I/D
February 21, 2024					
February 21, 2024	Annual	Investment Portfolio Update	Liu	CC	A
March 20, 2024					
March 20, 2024	Biennial	Conflict-of Interest	Moore	B	A

# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

SUBJECT : ENGINEERING DEPARTMENT REPORT  
 STATUS : Information Item  
 REPORT DATE : September 5, 2023  
 PREPARED BY : Missy Pieri, Director of Engineering/District Engineer

Significant assignments and activities for the Engineering Department are summarized below. I will be available at the meeting to answer questions and/or provide additional details.

Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>PROJECT 2030 Water Main Replacement Project - Pipeline Condition Assessment</b>	Engineering	Director of Engineering	Yes, updates as necessary	Yes	Pipeline Condition Assessment	Phase 3 of Segment 1 Transmission Main condition assessment underway.  Begin Phase 1 of Segment 3. Field location in progress.
<b>CAPITAL IMPROVEMENT PROJECT Corporation Yard / Facilities Master Plan Buildout</b>	Engineering	Director of Engineering	Yes, 07/17/19 (Award of Contract)	Yes	Masterplan for office space requirements through 2045.	Pre-Architectural Alternatives Analysis underway.  Space Needs Assessment in progress.

Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>CAPITAL IMPROVEMENT PROJECT - Reno Lane Water Main Project</b>	Engineering	Director of Engineering and Assistant Engineer	Yes, 08/07/23 (Award of Contract)	No	2023 design, 2023 construction	Award of Contract on 08/07/23.  Preconstruction meeting occurred on 08/29/23.
<b>CAPITAL IMPROVEMENT PROJECT - Patton Ave Water Main Project</b>	Engineering	Director of Engineering and Assistant Engineer	Yes, 10/18/23 (Anticipate Award of Contract)	No	2023 design, 2023 construction	Preparing 90% plans.  Anticipated Award of Contract on 10/18/23.
<b>CAPITAL IMPROVEMENT PROJECT - Admiral Ave and Anchor Cir Water Main Project</b>	Engineering	Director of Engineering and Assistant Engineer	Yes, TBD	No	2023 design, 2023/2024 construction	Survey work completed in 05/2023.  Coordinate potholing for project.
<b>PRIVATE DEVELOPMENT Mitchell Village - 7925 Arcadia Dr</b>	Engineering	Director of Engineering and Senior Construction Inspector	Yes, 03/30/20, 04/15/20 (Deferment of Fees)	No	200-300 unit development by Watt Communities.	Project re-started on 07/14/20. Water portion 99% Complete.  CHWD sent conditional project acceptance on 01/12/22.  Finalizing punchlist items.

Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>PRIVATE DEVELOPMENT</b> <b>12057 Fair Oaks Blvd</b> <b>Fair Oaks Senior Apartments</b>	Engineering	Senior Construction Inspector, Director of Engineering and Assistant Engineer	No	No	Seniors apartment complex with 42 one bedroom and 68 two bedroom units.	All fees paid on 10/18/21.  District signed plans on 10/19/21.  Construction 95% complete.
<b>PRIVATE DEVELOPMENT</b> <b>8043 Holly Dr</b> <b>Parcel Split 1 - 3</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	Parcel being split into 3 for 3 home subdivision.	Plan check fees paid 04/13/21.  Plans signed 06/07/22.  Awaiting payment of fee balance.
<b>PRIVATE DEVELOPMENT</b> <b>208 Langley Ave</b> <b>Parcel Split 1 - 2</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	Parcel being split into 2 lots. New single family home construction on one lot.	District sent correspondence to property owner on 04/20/20.  New will serve letter sent on 10/17/22.
<b>PRIVATE DEVELOPMENT</b> <b>Livoti Development</b>	Engineering	Senior Construction Inspector and Assistant Engineer	No	No	Six Parcel Subdivision.	All fees paid.  Plans signed on 11/09/21.  Construction 99% complete.

Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>PRIVATE DEVELOPMENT</b> <b>8556 Pheasant Ridge Ln</b> <b>Fire Improvements</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	Extension of water main, addition of fire hydrant, and fire sprinklers.	All fees paid on 03/11/21.  District approved plans on 01/24/22.  Awaiting construction.
<b>PRIVATE DEVELOPMENT</b> <b>6031 Sunrise Vista Dr</b> <b>Apartments</b>	Engineering	Director of Engineering and Associate Civil Engineer	No	No	Proposed apartments.	Plan check fees paid.  Plans signed on 08/28/23.  Awaiting payment of fee balance & construction.
<b>PRIVATE DEVELOPMENT</b> <b>8136 Auburn Blvd</b> <b>Self Service Coin Laundry</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	Redevelopment of existing building to a self-service coin laundry.	Plan check fees paid.  Plans signed on 07/19/21.  Awaiting construction.
<b>PRIVATE DEVELOPMENT</b> <b>Talbot Way</b> <b>Citrus Place Subdivision</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	8 lot subdivision.	Plan check fees paid 6/2022.  Plans signed on 6/21/22.  Awaiting remaining fees and construction.

Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>PRIVATE DEVELOPMENT</b> <b>7311 Hickory Ave</b> <b>Single Family Home</b>	Engineering	Director of Engineering and Associate Civil Engineer	No	No	Customer requesting water service for a recently split lot.	Verify lot is split prior to initiating new water service.
<b>PRIVATE DEVELOPMENT</b> <b>7705 Hickory Ave</b> <b>Single Family Home</b>	Engineering	Director of Engineering and Associate Civil Engineer	No	No	Parcel being split into 2 lots.	Plans submitted on 08/21/23.  District providing comments.
<b>PRIVATE DEVELOPMENT</b> <b>8207 Oak Ave</b> <b>Parcel Split, Annexation &amp; Single-Family Home</b>	Engineering	Director of Engineering and Assistant Engineer	Yes, Inclusion approved by Board on 05/18/22.	No	Parcel Split, Annexation & 2 single family homes.	Plan check fees paid.  Annexation/Inclusion fees paid and approved by Board on 05/18/22.  Plans signed on 08/02/22.  Awaiting payment of fee balance and construction.
<b>PRIVATE DEVELOPMENT</b> <b>8099 Greenback Ln</b> <b>Citrus Heights Pet Hospital</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	Tenant Improvements of Pet Hospital. Domestic backflow installation.	All fees paid.  Plans approved & signed on 03/02/23.  Construction 99% complete.

Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>PRIVATE DEVELOPMENT</b> <b>7803 Madison Ave</b> <b>MD Health</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	Tenant Improvements of Building. Domestic backflow installation.	All fees paid.  Awaiting material resubmittal.
<b>PRIVATE DEVELOPMENT</b> <b>7975 Twin Oaks Ave</b>	Engineering	Director of Engineering and Associate Engineer	No	No	Parcel Split - 1 to 3 lot split; 3 single family homes with frontage improvements.	All comments incorporated.  Awaiting payment of fees.
<b>PRIVATE DEVELOPMENT</b> <b>7501 Greenglen Ave</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	Parcel Split - 1 to 2 lot split per SB9; 2 single family homes	Plan check fees paid. Plans signed on 08/09/23.  Awaiting payment of fee balance.  CHWD to provide installation of water facilities.
<b>PRIVATE DEVELOPMENT</b> <b>7641 Poplar Ave</b>	Engineering	Director of Engineering and Associate Engineer	No	No	Parcel Split - 1 parcel to 2 parcels	Received Project Review Request from City on 6/29/23.  District provided a Will Serve letter on 07/10/23.

Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>PRIVATE DEVELOPMENT 6245 Sunrise Blvd</b>	Engineering	Director of Engineering and Associate Engineer	No	No	Tenant Improvements & upgrade to fire system & supply.	Received plans on 06/29/23.  District reviewing plans.
<b>PRIVATE DEVELOPMENT 7137 Auburn Blvd Sylvan Corners Subdivision</b>	Engineering	Director of Engineering and Associate Engineer	Yes, Inclusion to Board, Date TBD	No	95 lot single family home subdivision on an 11-acre vacant parcel.	Planning level documents received on 05/11/23.  District provided comments on 08/28/23.  Awaiting Improvement Plan submittal from Applicant.
<b>CITY OF CITRUS HEIGHTS PROJECT Auburn Blvd - Complete Streets Phase 2</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	City of Citrus Heights Frontage Improvements and Utility relocation on Auburn Blvd from Rusch Park to north. 3 new irrigation services.	Final plans signed on 02/24/23.  Awaiting construction by the City.  Awaiting fees for irrigation services.
<b>CITY OF CITRUS HEIGHTS PROJECT Arcade-Cripple Creek Trail Project</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	District & City finalized Cost Liability.  Awaiting final submittal.	Construction in progress.  Coordinating with the City on portion of bike trail through District easement.



Items of Interest	Department	Project Team	To Board? If so, Date	Strategic Planning Item	Item Description	Update from Last Report/ Current Status
<b>CITY OF CITRUS HEIGHTS PROJECT</b> <b>San Juan Ave</b> <b>(Madison Ave to Spicer) Road Improvements</b>	Engineering	Director of Engineering and Assistant Engineer	No	No	City of Citrus Heights Road Improvements	City finalizing plans.  District and City finalized Cost Liability.
<b>COUNTY OF SACRAMENTO AC Overlay Project</b> <b>SACOG 2022</b> <b>Phase 1 to 3</b>	Engineering	Director of Engineering and Associate Civil Engineer	No	No	County of Sacramento Road Improvements along Greenback Lane from Fair Oaks Blvd. to Hazel Ave. Valve box adjustments on CHWD facilities.	Anticipate construction Spring of 2024. CHWD will need to perform valve box adjustments.
<b>District-wide Easement Project</b> <b>(Phase 4)</b>	Engineering	Director of Engineering and Assistant Engineer	Yes, updates as necessary	Yes	Obtaining easements for District-owned facilities.	Group 1 Easement Acquisitions in progress.  Researching parcels for Group 2.

# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

SUBJECT : OPERATIONS DEPARTMENT REPORT  
 STATUS : Information Item  
 REPORT DATE : September 6, 2023  
 PREPARED BY : Jace Nunes, Management Analyst  
 Rebecca Scott, Director of Operations

The Citrus Heights Water District has 20 employees in its Operations Department. The following report summarizes their work during August.

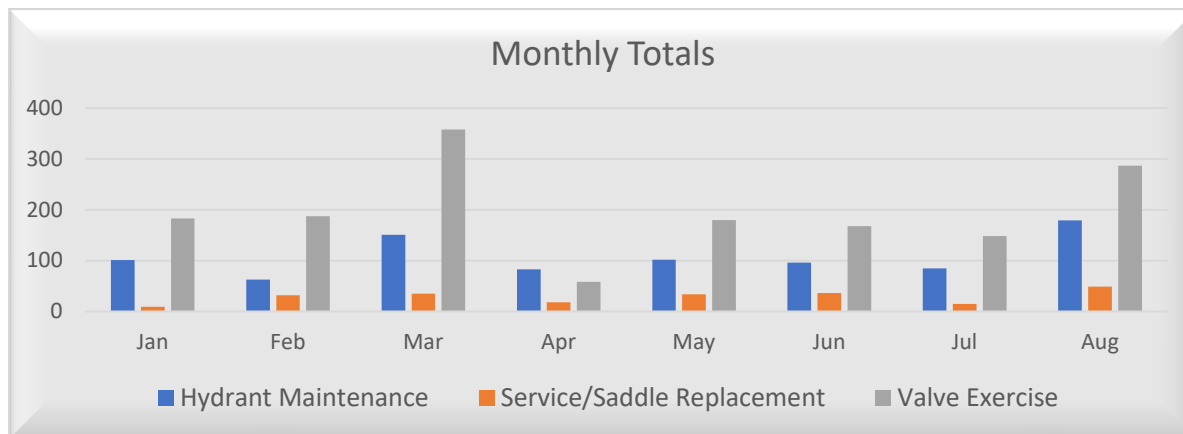
### **OPERATIONS MONTHLY ACTIVITIES**

#### A. Distribution Division

The Operations Department consists of 10 Distribution Operators who perform the necessary maintenance to keep over 250 miles of pipelines and more than 20,000 service connections functioning properly. The table below summarizes noteworthy common tasks they perform.

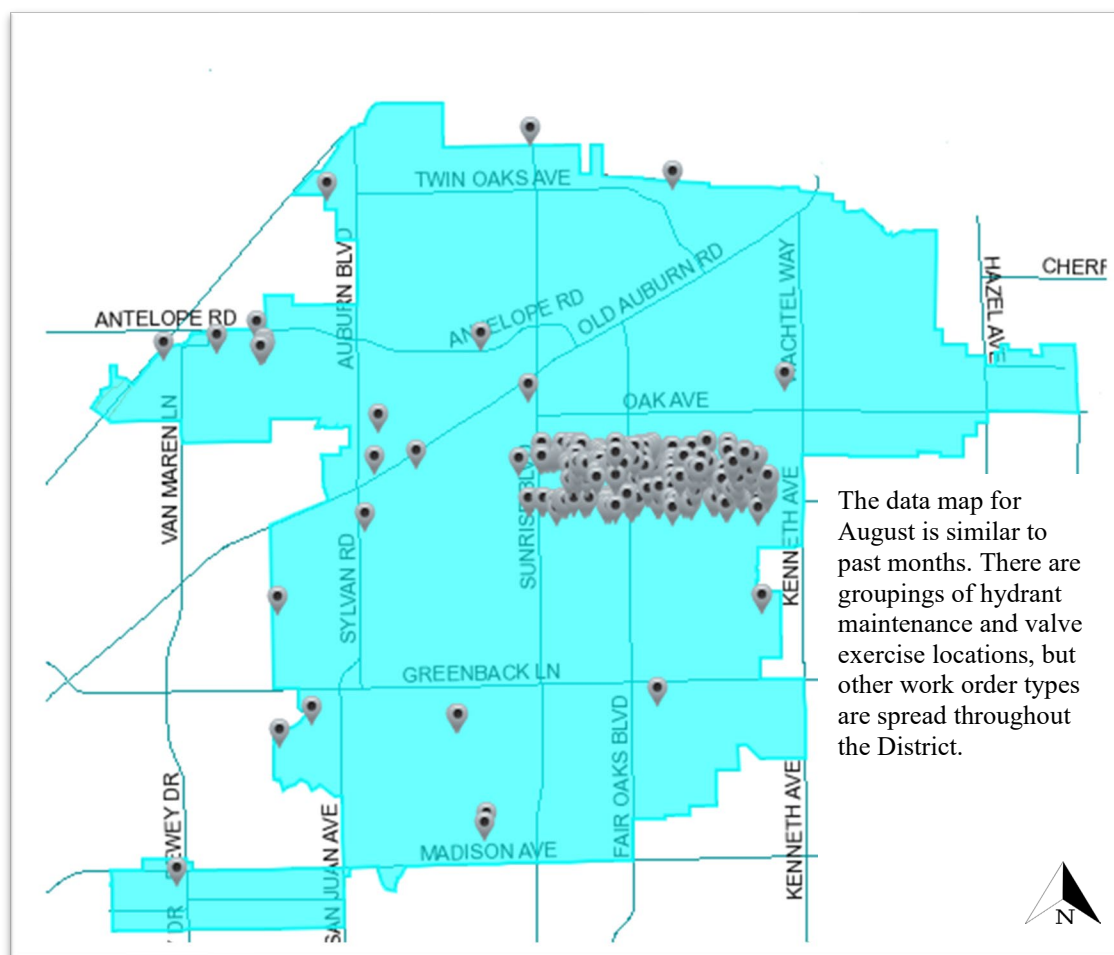
Distribution Maintenance	August 2023	Total CY 2023	Total # in System
Air Valve Inspection	0	2	147
Hydrant Maintenance	179	860	2,170
Mainline Repair/Maintenance	1	4	
Meter Box Maintenance	2	30	21,007
Meter Register Replacement	0	100	21,007
Service/Saddle Replacement	49	231	21,007
Valve Exercise	287	1,559	4,631
<b>Total</b>	<b>518</b>	<b>2,786</b>	

CIP Projects	August 2023	Total CY 2023
C23-010 Water Mainline	0	0
C23-011 Water Valves	1	19
C23-012 Water Services	0	214
C23-013 Water Meters	152	178
C23-014 Fire Hydrants	0	12
C23-103 Pothole Main	0	0
<b>Total</b>	<b>153</b>	<b>423</b>



The map below shows the locations the Operations Crews worked in the month of August.

Locations Worked within the Citrus Heights Water District



## B. Standby Summary

The Operations Department assigns employees to weekly standby duty to provide 24-hour coverage in case of water emergencies within the District. A 2023 summary of standby activity is provided below.

Standby Summary			
Standby Reporting Month	Total Calls to After-Hours Answering Service	Site Visits	Resolutions Via Phone Call
January	34	16	18
February	18	8	10
March	13	7	6
April	23	13	10
May	27	18	9
June	38	21	17
July	37	22	15
August	34	15	19

## C. Operations Specialist

The District's Operations Specialist performs the USA markings. USA markings help protect the District's distribution system by identifying CHWD utilities for entities working in our area. The Operations Specialist also responds to leak investigations; requests to locate meters; and water turn ons/off (additional information in the chart below).

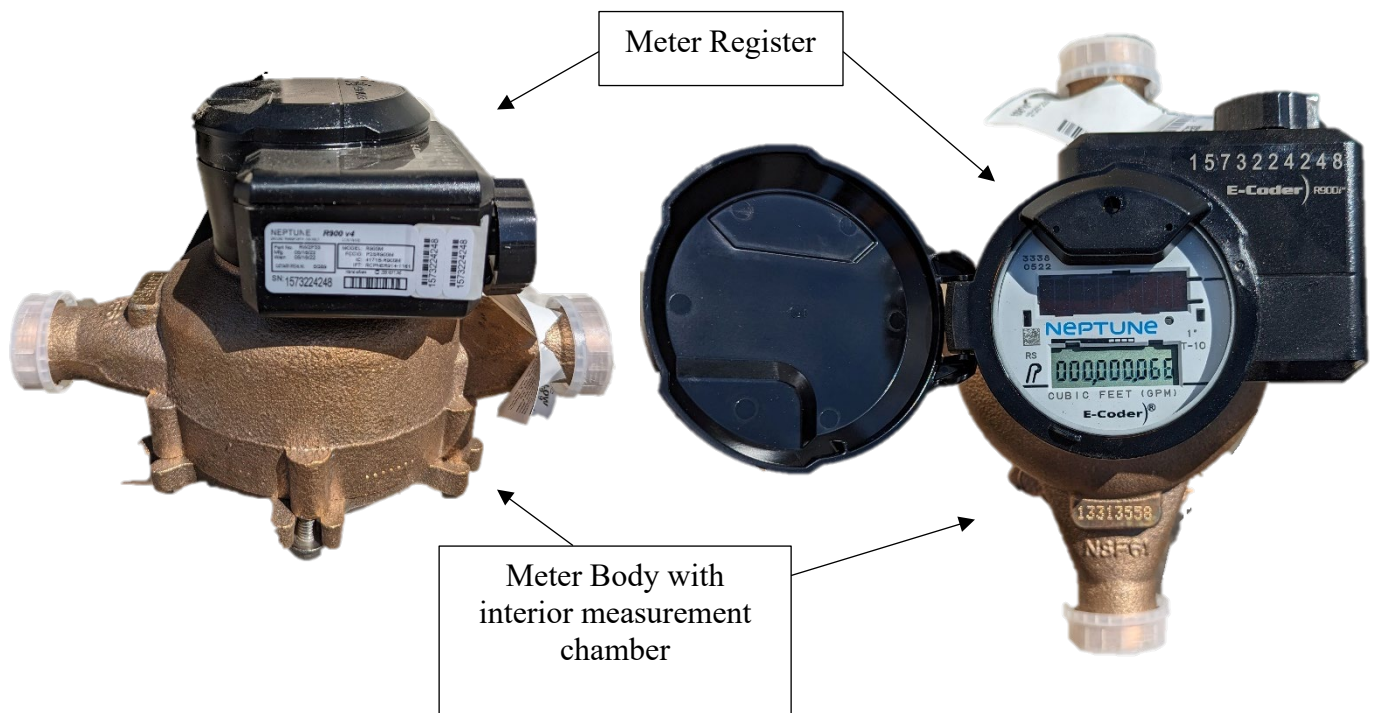
Operations Specialist Summary		
Work Description	August 2023	Total CY 2023
USA Markings	295	2,514
Check for Leak	53	269
Fire Hydrant Investigation	1	4
Locate a Meter	0	2
Turn Water On/Off	3	65
<b>Total</b>	<b>352</b>	<b>2,854</b>

## D. Water Quality/Sampling Summary

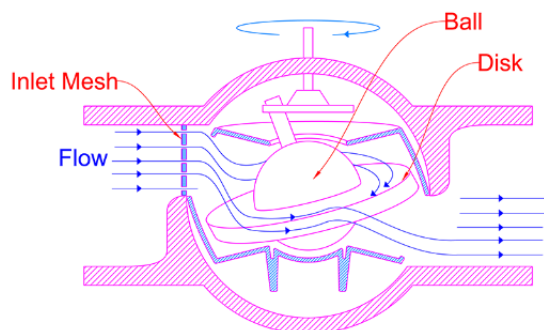
The Water Resources Division oversees routine monthly bacteriological testing as required by the California Division of Drinking Water. In August, 72 samples were collected with no positive results.

### Residential Water Meters:

Although water meters perform the seemingly simple task of counting the water use of a household, their design and operations are more complex. Pictured below is a Neptune T-10 residential water meter. This model of meter accounts for approximately 88% of the District's residential meters. The meter register sits on top of the measurement chamber and displays the total volume of water that has moved through the meter. The register on this particular meter is a radio read, which allows CHWD staff to obtain the reading by driving by the property.



A T-10 is a type of positive displacement meter, which determines volume as the flow of water moves a disc on an axis inside the measurement chamber. The illustration below shows a cross-section of how a positive displacement meter works.



**CITRUS HEIGHTS WATER DISTRICT**  
**DISTRICT STAFF REPORT TO BOARD OF DIRECTORS**  
**SEPTEMBER 20, 2023 REGULAR MEETING**

SUBJECT : 2023 WATER SUPPLY - PURCHASED & PRODUCED  
STATUS : Information Item  
REPORT DATE : September 6, 2023  
PREPARED BY : Brian M. Hensley, Water Resources Supervisor  
: Rebecca Scott, Director of Operations

**OBJECTIVE:**

Monthly water supply report, including a comparison to the corresponding month in the prior 5 years. The 2013 data is included for reference as it is the baseline consumption year for water conservation mandates.

Month	2013	2018	2019	2020	2021	2022	2023				Year-to-Date Comparison to 2013	
	Total Water Monthly						Surface Water Purchased	Ground Water Produced	Total Water Monthly	Total Water Annual	acre feet	
	acre feet						acre feet				acre feet	%
Jan	602.52	531.38	520.86	519.03	575.54	528.73	450.70	51.22	501.92	501.92	-100.60	-16.7%
Feb	606.36	525.73	447.48	589.8	485.17	605.17	370.11	117.19	487.30	989.22	-219.66	-18.2%
Mar	819.55	540.78	516.87	654.31	601.02	774.74	376.25	96.40	472.65	1,461.87	-566.56	-27.9%
Apr	1,029.73	646.09	682.90	767.24	1,001.96	763.83	556.28	142.56	698.84	2,160.71	-897.45	-29.3%
May	1,603.43	1,072.27	977.41	1,168.99	1,277.33	1,133.06	833.35	182.72	1,016.07	3,176.78	-1,484.81	-31.9%
Jun	1,816.73	1,387.03	1,328.07	1,475.82	1,541.32	1,288.62	1,106.47	158.78	1,265.25	4,442.03	-2,036.29	-31.4%
Jul	2,059.21	1,737.13	1,582.40	1,682.83	1,643.73	1,536.69	1,445.97	67.05	1,513.02	5,955.05	-2,582.48	-30.2%
Aug	1,924.28	1,583.78	1,603.36	1,660.59	1,538.76	1,461.15	1,412.69	82.07	1,494.76	7,449.81	-3,012.00	-28.8%
Sep	1,509.82	1,330.19	1,297.12	1,381.14	1,333.29	1,228.49						
Oct	1,297.42	1,061.88	1,083.17	1,185.00	972.09	1,065.99						
Nov	911.55	807.7	839.06	779.34	576.37	637.25						
Dec	700.94	558.97	548.17	620.34	536.97	541.93						
Total	14,881.54	11,782.93	11,426.87	12,484.43	12,083.55	11,565.65	6,551.82	897.99	7,449.81	7,449.81		
% of Total							87.95%	12.05%				

# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

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SUBJECT	: WATER SUPPLY RELIABILITY
STATUS	: Information Item
REPORT DATE	: September 6, 2023
PREPARED BY	: Brian Hensley, Water Resources Supervisor Rebecca Scott, Director of Operations

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### **OBJECTIVE:**

Receive and file status report on surface water supplies available to the Citrus Heights Water District (District).

### **BACKGROUND AND ANALYSIS:**

As of September 1, 2023, storage in Folsom Lake was at 724,819 acre-feet, seventy-four percent (74%) of the total capacity of 977,000 acre-feet. This represents a decrease in storage of 122,793 acre-feet in the past month.

The District's total water use during August 2023 (1,494.76 acre-feet) was twenty-two percent (22%) below that of August 2013 (1,924.28 acre-feet).

The District's groundwater production wells: Bonita, Skycrest, Mitchell Farms, and Sylvan are operational and used on a rotational or as-needed basis. Other District groundwater production wells, Palm and Sunrise, are available for emergency use.

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# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

SUBJECT : WATER EFFICIENCY & SAFETY PROGRAM UPDATE  
 STATUS : Information Item  
 REPORT DATE : September 6, 2023  
 PREPARED BY : Jace Nunes, Management Analyst  
 Rebecca Scott, Director of Operations

Water Efficiency, Safety and Meter Program updates are summarized below.

### **ACTIVITIES AND PROGRESS REPORT**

- Water Efficiency activities during the month of August 2023 included the following:
  - Six High Efficiency Toilet (HET) rebates were processed.
  - Four High Efficiency Clothes Washer (HECW) rebates were processed.
  - Three smart irrigation controllers were installed.
  - Three Pressure Reducing Valve (PRV) rebates were issued.
- Thirty-two reports of water waste were received in August. Staff continues reaching out to customers concerning water waste violations.
- The District holds several safety meetings per month. The August safety meetings covered Extension Cord Safety, Back Safety, Fatigue on the Job, and Wildfire Smoke Safety.
- The 2023 WaterSmart schedule concluded with the September classes listed below.

Date	Title	Format
Saturday, Sept 9	Get in Line with Drip Irrigation	In-person at the Sylvan Ranch Community Garden (SRCG)
Wednesday, Sept 13	Plant into the Hydrozones for Healthy Plants and Water Savings	Webinar

The District offered five WaterSmart classes in 2023. The September classes will be posted to YouTube shortly. WaterSmart classes from 2021 to the present are archived at the District's YouTube channel, where they can be viewed on demand.

- CHWD has three garden plots at the Sylvan Ranch Community Garden (SRCG) featuring water efficient landscaping. CHWD is working with a customer-based volunteer "Garden Corps," who maintains the plots by removing weeds and checking the irrigation system and controller timers. CHWD is currently exploring ways to expand the role of Garden Corps members. The dedicated webpage for the garden, [chwd.org/garden](http://chwd.org/garden), allows viewers to see detailed information about each plant in the District's plots, and create a customized plant list for their property.



The following table summarizes the Residential Gallons Per Capita Per Day (R-GPCD) values for CHWD for 2023:

Month	R-GPCD 2022	R-GPCD 2023	% CHANGE
January	84	64	-24%
February	78	71	-10%
March	88	60	-32%
April	135	88	-37%
May	169	128	-24%
June	172	167	-3%
July	230	191	-16%
August	187	*189	1%

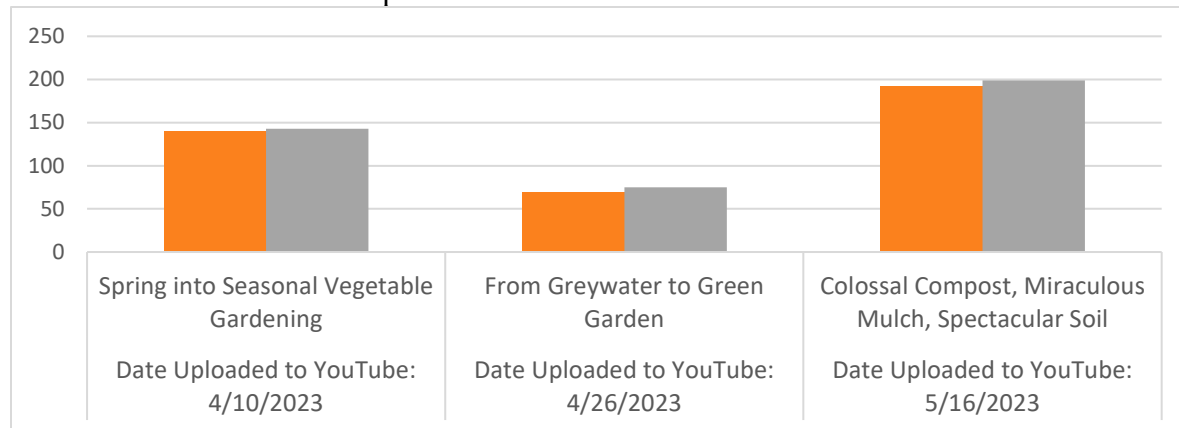
*\*Preliminary number as of the report date*

The following table summarizes the service requests and work orders of Water Efficiency staff for August 2023:

Work Orders	Aug 2023	Aug 2022
CHANGE TOUCH-READ TO RADIO READ	1	0
CONVERT TO RADIO-READ METER	18	5
METER BOX MAINTENANCE	2	2
METER REPAIR	0	1
METER REPLACEMENT	0	1
METER TESTING	0	0
REGISTER REPLACEMENT	12	13
RADIO-READ REGISTER REPLACEMENT	0	4
INSTALL METER	8	0
<b>TOTAL</b>	<b>41</b>	<b>26</b>

Service Requests	Aug 2023	Aug 2022
CONSERVATION REQUEST	32	48
CHECK FOR LEAK	8	2
UNABLE TO OBTAIN METER READ	26	68
TRIM SHRUBS	16	11
METER BURIED	33	31
METER MAINT.	51	41
LOCKED GATE	4	1
RE-READ METER	82	22
READ METER	0	0
METER BOX MAINT.	1	0
MOVE-IN/MOVE-OUT	18	13
CAR OVER METER	15	13
<b>TOTAL</b>	<b>286</b>	<b>250</b>

### WaterSmart Class Viewership



Orange bar = Viewership, August 1, 2023  
Grey bar = Viewership, September 5, 2023

# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

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SUBJECT : Resolution Commending Andy Sells for Service to the Association of  
California Water Agencies Joint Powers Insurance Authority (ACWA JPIA)  
STATUS : Action Item  
REPORT DATE : September 13, 2023  
PREPARED BY : Brittney Moore, Administrative Services Manager/Chief Board Clerk

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### **OBJECTIVE:**

Consider adoption of Resolution 14-2023 Commending Andy Sells for Service to the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA)

### **BACKGROUND AND ANALYSIS:**

A resolution commending Andy Sells on his retirement as the Chief Executive Officer (CEO) for ACWA JPIA, having served as the CEO for twelve years and in other various roles with the ACWA JPIA since 1990.

### **RECOMMENDATION:**

Adopt Resolution 14-2023 Commending Andy Sells for Service to the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA)

### **ATTACHMENT:**

Resolution 14-2023 Commending Andy Sells for Service to the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA)

### **ACTION:**

Moved by Director \_\_\_\_\_, Seconded by Director \_\_\_\_\_, Carried \_\_\_\_\_

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CITRUS HEIGHTS WATER DISTRICT  
RESOLUTION NO. 14-2023

RESOLUTION OF THE BOARD OF DIRECTORS  
COMMENDING WALTER “ANDY” SELLS FOR SERVICE  
TO THE MEMBERS OF THE ASSOCIATION OF  
CALIFORNIA WATER AGENCIES JOINT POWERS  
INSURANCE AUTHORITY (ACWA JPIA)

WHEREAS, Andy Sells began his career with ACWA JPIA, a risk-sharing pool for property, liability, workers’ compensation and employee benefits for California water agencies, in 1990; and

WHEREAS, Andy Sells was appointed as Chief Executive Officer for ACWA JPIA in October 2011; and

WHEREAS, during his tenure, Andy Sells has been committed to helping member agencies reduce and mitigate their exposure related to Property/Casualty and Workers’ Compensation claims and worked to develop a health benefits program that provides insurance options to more than 11,000 water district employees and their dependents.

WHEREAS, Andy Sells is currently a board member of The California Association of Joint Powers Authority (CAJPA), a statewide association for insurance based risk-sharing pools, which provides continuing education, legislative advocacy and active involvement in regulatory matters on behalf of its joint powers authority members; and

WHEREAS, Andy Sells has dedicated more than 30 years of service to the risk pooling industry, and demonstrated a strong commitment to effective risk management programs for public sector agencies; and

WHEREAS, Andy Sells’ service to the Members of ACWA JPIA is appreciated and the Citrus Heights Water District wishes him well in his future endeavors.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE CITRUS HEIGHTS WATER DISTRICT DOES RESOLVE that the Citrus Heights Water District hereby commends Andy Sells for his dedication and outstanding service to ACWA JPIA and extends best wishes for many years filled with happiness and good health.

ADOPTED this 20<sup>th</sup> day of September 2023

AYES:

NOES:

ABSTAIN:

ABSENT:

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RAYMOND A. RIEHLE, President  
Board of Directors  
Citrus Heights Water District

I HEREBY CERTIFY that the foregoing is a full, true, and correct copy of Resolution 14-2023 adopted by the Board of Directors of Citrus Heights Water District at its regular meeting held September 20, 2023.

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BRITTNEY MOORE, Chief Board Clerk  
Citrus Heights Water District

# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

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SUBJECT	: REVIEW & CONSIDERATION OF POSSIBLE ACTION DURING THE COMMENT PERIOD FOR SENATE BILL 606 AND ASSEMBLY BILL 1668
STATUS	: Discussion & Action Item
REPORT DATE	: September 13, 2023
PREPARED BY	: Jace Nunes, Management Analyst Rebecca Scott, Director of Operations

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### **OBJECTIVE:**

Consider submitting a comment letter and in-person comments in response to the proposed implementation of SB 606 and AB 1668 (“Making Conservation a California Way of Life”).

### **BACKGROUND AND ANALYSIS:**

In 2018, the California Legislature (via SB 606 and AB 1668) directed the Department of Water Resources and the State Water Resources Control Board (SWRCB) to develop regulations that give water purveyors water use objectives aimed at conserving water.

On August 18, 2023, the SWRCB released the draft regulation, which initiates a one-year formal rulemaking process. The draft regulation outlines water use efficiency requirements for urban retail water suppliers, including standards; variances; a water use objective; and commercial, industrial, and institutional measures.

As it is currently drafted, the regulation would require Citrus Heights Water District (CHWD) to reduce water use by an estimated 7% in 2030 and 13% in 2035, as currently compared to the average levels from 2017-2021. For many other California water agencies, reductions start in 2025.

The Regional Water Authority (RWA) is holding a variety of workshops on the proposed regulation, including a webinar on September 19<sup>th</sup> for RWA Board members. Amy Talbot, Water Efficiency Program Manager with RWA, will also present an overview of the proposed regulation and RWA’s policy discussions at the September 20<sup>th</sup> CHWD Board Meeting.

SWRCB is holding a public hearing on October 4<sup>th</sup> in Sacramento to accept comments on the proposed regulations. The Association of California Water Agencies is encouraging members to actively engage and focus their comments on the following topics: feasibility, affordability, flexibility, and legislative intent.

### **RECOMMENDATION:**

Authorize CHWD to submit a formal comment letter to the SWRCB regarding SB 606 and AB 1668.

Authorize the Board President and CHWD staff to attend the SB 606 and AB 1668 public hearing on October 4 and provide testimony.

### **ATTACHMENT:**

Regulation Draft Text

**ACTION:**

Moved by Director \_\_\_\_\_, Seconded by Director \_\_\_\_\_, Carried \_\_\_\_\_

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## PROPOSED TEXT OF REGULATION

### Title 23. Waters

#### Division 3. State Water Resources Control Board and Regional Water Quality Control Boards

##### Chapter 3.5. Urban Water Use Efficiency and Conservation

#### Article 1. Urban Water Use Efficiency Standards, Objectives, and Performance Measures

#### **Adopt new section 965:**

#### **§ 965. Definitions**

Definitions used in this Article:

- (a) “Agricultural use” means “agricultural use” as defined in Government Code section 51201 (b), including irrigation of land, irrigation within green houses, frost protection, and heat control. Agricultural use does not include cleaning, processing, or other similar post-harvest activities.
- (b) “Animal type-classes” (T) means major categories of animal types based on similar water use and animal weight.
- (c) “Annual precipitation” means total annual precipitation, in inches per year. Annual precipitation will be updated annually by the Department and derived from Parameter-elevation Regressions on Independent Slopes Model data.
- (d) “Augmented Surface Water Reservoir” or “Augmented Reservoir” has the same meaning as “reservoir water augmentation” in section 13561 of the Water Code.
- (e) “Augmented Groundwater Basin” or “Augmented Basin” has the same meaning as indirect potable reuse or groundwater recharge in section 13561 of the Water Code.
- (f) “Board” means the State Water Resources Control Board.
- (g) “Budget” means the calculated efficient volume of water for a discrete category of water use associated with efficiency standards, variances, or provisions.
- (h) “California Simulation of Evapotranspiration of Applied Water” (Cal-SIMETAW) is a tool developed by the Department and the University of California, Davis to perform daily water balance and determine crop evapotranspiration, evaporation of applied water, and applied water for use in California water resources planning.
- (i) “Climate zones” means the California Energy Code climate zones as defined by zip code and listed in California Energy Commission Reference Joint Appendix JA2 (Title 24, Part 6, Section 100.1). There are 16 climate zones of California with established weather data.
- (j) “Climate-ready landscapes” are designed and maintained to reduce greenhouse gas emissions and weather more extreme conditions; they save water, reduce waste, nurture soil, sequester carbon, conserve energy, reduce urban heat, protect air and water quality, and create habitat for native plants and pollinators.
- (k) “Collaboration and Coordination best management practices” means formalized operational and institutional arrangements, such as cooperative agreements, with other entities to streamline requirements, data collection, or implementation of best management practices by coordinating with necessary entities.

- (l) “Commercial, industrial, and institutional” (CII) means all indoor and outdoor water used by all commercial water users, industrial water users, and institutional water users as respectively defined in Water Code section 10608.12 (e), (i) and (j). CII water use includes landscape water used for parks, medians, and other outdoor areas associated with CII.
- (m) “Common interest development” has the same meaning as in section 4100 of the Civil Code.
- (n) “Community service organization or similar entity” has the same meaning as in section 4110 of the Civil Code.
- (o) “Crop-specific landscape area” means residential agricultural landscapes disaggregated by each crop or crop-type grown within the supplier’s service area.
- (p) “Customer” has the same meaning as in section 10611.3 of the Water Code.
- (q) “Dedicated Irrigated Meter” (DIM) means a water meter that is operated and maintained by the supplier that exclusively measures the water a customer uses for irrigation.
- (r) “Department” means the Department of Water Resources.
- (s) “Direct Potable Reuse” (DPR) has the same meaning as in section 13561 of the Water Code. DPR does not require an environmental buffer.
- (t) “Disclosable Building” has the same meaning as in section 1681 in California Code of Regulations, title 20.
- (u) “Effective precipitation” ( $P_{eff}$ ) means modeled effective precipitation or 25% of total precipitation, whichever is smaller, in inches per year. Modeled effective precipitation will be updated annually by the Department and derived from the Department’s Cal-SIMETAW model using Spatial CIMIS data. Total precipitation will be updated annually and derived from Parameter-elevation Relationships on Independent Slopes Model data.
- (v) “ENERGY STAR Portfolio Manager” means the tool developed and maintained by the United States Environmental Protection Agency to track and assess building performance.
- (w) “ENERGY STAR Portfolio Manager broad categories” means a superset of property types based on sector.
- (x) “ENERGY STAR Portfolio Manager property types” means a subgroup of ENERGY STAR Portfolio Manager broad categories.
- (y) “Equivalent Technologies” are technologies that are functionally equivalent to Dedicated Irrigation Meters in terms of accuracy and supplier data accessibility.
- (z) “High levels of TDS” means concentrations of Total Dissolved Solids above 900 mg/L.
- (aa) “Homeowners’ association” means an “association” as defined in section 4080 of the Civil Code.
- (bb) “Indirect Potable Reuse” (IPR) includes “Indirect potable reuse for groundwater recharge” and “reservoir water augmentation” as defined in section 13561 of the Water Code. IPR requires an environmental buffer, including a river, lake, reservoir, or a groundwater aquifer that is used as a source drinking water.
- (cc) “Irrigable Irrigated Area” is residential area of healthy vegetation where the vegetation appears to be in growth, not senesced, and is foliated. The area is presumed to be maintained and managed through active irrigation, comprising an irrigated hydro-zone. Non-vegetative features may be included.



- (dd) “Irrigable Not Irrigated Area” is residential area that is not currently being irrigated, but was irrigated in the past, or may be managed with irrigation in the future.
- (ee) “In-Lieu Technologies” are technologies that improve landscape water use efficiency by means other than the direct measure of water use. They include but are not limited to best management practices, audits, efficient irrigation devices, or irrigation budgets.
- (ff) “LA<sub>crop</sub>” means the landscape area for a crop grown on residential landscapes included in the Department’s agricultural land mask and associated with an account the supplier categorizes as residential, in square feet.
- (gg) “Landscape efficiency factor” (LEF) means a factor applied at the supplier-level that adjusts net reference evapotranspiration for plant factors and irrigation efficiency, two major influences upon the amount of water that needs to be applied to the landscape.
- (hh) “Large landscapes” are landscapes known or estimated to individually use 500,000 or more gallons of water per year.
- (ii) “Livestock” has the same meaning as in section 3080 of the Civil Code.
- (jj) “Low-impact development” means new development or redevelopment projects that employ natural and constructed features that reduce the rate of stormwater runoff, filter out pollutants, facilitate stormwater storage onsite, infiltrate stormwater into the ground to replenish groundwater supplies, or improve the quality of receiving groundwater and surface water.
- (kk) “Mixed-Use Meter” means a water meter that is operated and maintained by the supplier and that measures the volume of water a customer uses indoors and outdoors.
- (ll) “Net reference evapotranspiration” or “Net ET<sub>o</sub>” is the difference between reference evapotranspiration and effective precipitation, in inches per year.
- (mm) “Net ET<sub>o crop</sub>” means the net reference evapotranspiration for a supplier’s service area growing season, in inches per year.
- (nn) “Newly constructed residential landscapes” (RLA<sub>new</sub>) means landscapes considered “new construction” pursuant to section 491, that were added to a supplier’s service area after the time period captured by the residential landscape data provided by the Department to the Board on October 3, 2022, or any subsequent update to the supplier’s residential landscape area by the Department.
- (oo) “Non-functional turf” means turf that is solely ornamental and not regularly used for human recreational purposes or for civic or community events. Non-functional turf does not include sports fields and turf that is regularly used for human recreational purposes or for civic or community events.
- (pp) Owner’s Agent means a person with authorization from a building owner to act on behalf of the building owner.
- (qq) “Plant factor” has the same meaning as in section 491.
- (rr) “Potable Reuse Water” includes water produced through both direct potable reuse and indirect potable reuse systems.
- (ss) “Potable Reuse Volume” (V<sub>PR</sub>) is defined as the individual supplier’s volume of potable reuse water in acre-feet.

- (tt) "Potable Deliveries" ( $D_{RLI}$ ) means the total potable volumes delivered to both residential properties and landscape irrigation, as reported to the Board pursuant to Health and Safety Code section 116530, in acre-feet.
- (uu) "Process water" has the same meaning as in section 10608.12 of the water code.
- (vv) "Reference evapotranspiration" or " $ET_o$ " has the same meaning as in section 491 and is expressed in inches per year. Reference evapotranspiration will be updated annually by the Department and derived from the Cal-SIMETAW model using Spatial CIMIS data.
- (ww) "Residential agricultural landscapes" means land on which agricultural use is occurring, that was included in the Department's agricultural land mask and that is associated with a service connection the supplier categorizes as residential, in square feet.
- (xx) "Residential landscape area" (RLA) means residential Irrigable Irrigated area plus approved Irrigable Not Irrigated area, in square feet.
- (yy) "Residential special landscape area" (RSLA) means residential areas dedicated solely to edible plants and residential areas irrigated with recycled water, in square feet.
- (zz) "Service area population" (P) means the service area population reported to the Board as "residential" pursuant to Health and Safety Code section 116530, less any population identified as "transient."
- (aaa) "Service Connection" (C) has the same meaning as in Health and Safety Code section 116275.
- (bbb) "Spatial California Irrigation Management Information System" (Spatial CIMIS) is a Department model that combines weather station data and remotely sensed satellite data to provide reference evapotranspiration information at a 2-km grid.
- (ccc) "Temporary provision" means an additional volume of water that an urban retail water supplier may request to add to its urban water use objective for a limited time for a specified beneficial use that will require less water over time.
- (ddd) "Turf" has the same meaning as in section 491.
- (eee) "Total potable water production" ( $T_{PW}$ ) means all potable water that enters into a water supplier's distribution system, excluding water placed into storage and not withdrawn for use during the reporting period and excluding water exported outside the supplier's service area during the reporting period, as reported to the Board pursuant to Health and Safety Code section 116530. Total potable water production includes all non-revenue water, which has the same meaning as in section 638.1 and is equal to the sum of the supplier's unbilled authorized consumption and apparent and real losses.
- (fff) "Urban retail water supplier" or "supplier," for purposes of this article, has the same meaning as in section 980.
- (ggg) "Urban water use objective" (WUO) means an estimate of aggregate efficient water use for the previous year based on adopted water use efficiency standards and local service area characteristics for that year, as described in Water Code section 10609.20 and as calculated pursuant to section 966 (d).
- (hhh) "Variance" means an additional volume of water that an urban retail water supplier may request to add to its urban water use objective for a unique use that

has a material effect on an urban retail water supplier's urban water use objective.

Authority: Sections 1058, 10609.2, and 10609.10, Water Code.

References: Article X, Section 2, California Constitution; Sections 3080, 4080, 4100, and 4100, Civil Code; Section 51201, Government Code; Section 116275, Health and Safety Code; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, 10609.10, 10609.20, 10611.3, and 13561, Water Code.

**Adopt new section 966:**

**§ 966. Urban Water Use Objectives**

- (a) Each urban retail water supplier shall calculate and comply with its urban water use objective no later than January 1, 2025, and by January 1 every year thereafter.
- (b) The calculation shall be based on the supplier's water use conditions for the previous state fiscal year.
- (c) The objective shall be composed of the sum of the following budgets:
- (1) A budget for efficient indoor residential water use ( $R_{indoor}$ ) as described in section 967.
- (2) A budget for efficient outdoor residential water use ( $R_{outdoor}$ ) as described in section 968.
- (3) A budget for efficient water use on commercial, industrial, and institutional landscapes with dedicated irrigation meters or equivalent technology ( $CII_{DIM}$ ) as described in section 969.
- (4) A budget for efficient real water losses ( $L$ ) as described in section 970.
- (5) Budgets for any approved variances ( $V$ ) and temporary provisions ( $Pr$ ) as described in sections 967, 968, and 969.
- (6) A bonus incentive for potable reuse ( $B_{PR}$ ) as described in section 971.
- (d) The formula for calculating a supplier's urban water use objective ( $WUO$ ), in gallons, is expressed mathematically as follows:

$$WUO = R_{indoor} + R_{outdoor} + CII_{DIM} + L + V + Pr + B_{PR}$$

- (e) If any system owned and operated by a supplier is lacking the data needed to calculate the budgets described in subdivision (c)(1) through (4), that system shall be excluded from the overall objective calculation until the requisite data is obtained. The requisite data must be obtained no later than July 1, 2028, for use in the 2030 reporting year.
- (f) For systems that do not meet the criteria to be considered an urban retail water supplier until after the effective date of this section, and for a system that hydraulically consolidates with a supplier, this section applies beginning five (5) years after the system meets the criteria to be considered a supplier or consolidates with a supplier.
- (g) Compliance with this section shall be assessed on the overall objective, not the individual budgets identified in subdivision (c), except for water loss, in which shall also be assessed individually pursuant to section 981.
- (h) If a supplier's calculated objective-based total use is larger than its target-based total use, the supplier's urban water use objective shall be its section 10608.20 target less excluded demands as described in paragraph (3). If the supplier's 10608.20 target is expressed in gallons per capita daily, the supplier shall multiply the target by its service area population for the reporting year and the number of days in the year.

(1) For purposes of this subdivision, objective-based total water use, in gallons, is the sum of excluded demands and the urban water use objective calculated pursuant to subsection (b).

(2) For purposes of this subdivision, target-based total water use, in gallons, is a supplier's 10608.20 target plus demands not included in the target. Demands not included in the 10608.20 target may include process water and recycled water.

(3) Excluded demands are those values provided by the supplier to the Board pursuant to Health and Safety Code 116530, for the following delivery categories: other; commercial and institutional; and industrial.

(i) Starting in 2035, a supplier meeting all the criteria in paragraphs (1) or (2) may, in calculating its budgets for efficient outdoor residential water use and for commercial, industrial, and institutional landscapes with dedicated irrigation meters, apply the standards described in sections 968(a)(2) and 969(a)(2) through 2040.

(1) (A) The average median household income of the supplier's service area is less than or equal to 80 percent of the median household income of California.

(B) The urban water use objective calculated by the supplier pursuant to subsection (b) would result in an objective that is 80 percent or less of the supplier's actual urban water use, calculated in accordance with section 10609.22.

(C) The annual reports the supplier has submitted since 2030, pursuant to section 975, show that the supplier is making continued progress, reducing its actual urban water use by an average of no less than 2 percent per year.

(D) The supplier shows to the satisfaction of the board that it is unable to meet its urban water use objective because of the applicable outdoor standards identified in sections 968 and 969.

(2) (A) The urban water use objective calculated by the supplier pursuant to section 966 would result in an objective that is 80 percent or less of the supplier's actual urban water use, calculated in accordance with section 10609.22.

(B) The annual reports the supplier has submitted since 2030, pursuant to section 975, show that the supplier is making continued progress, reducing its actual urban water use by an average of no less than 2 percent per year.

(C) The supplier verifies compliance with requirements of the G480 Water Conservation and Efficiency Program Operation and Management Standard established by the American Water Works Association.

(D) The supplier verifies compliance with the Standards for Tree City USA Recognition.

(E) The supplier manages a program dedicated to the creation and maintenance of climate-ready landscapes across its service area. Program elements shall include but are not limited to:

(i) The supplier verifies annual conversion of no less than 0.1 percent of turf area into climate-ready landscapes.

(ii) The supplier verifies use of a recognized, verifiable rating system, such as the ReScape Rated Landscape Scorecard or the Sustainable SITES Initiative, to assure its program is supporting climate-ready landscapes.

(iii) The supplier verifies creation of or participation in regional and local partnerships dedicated to the installation and maintenance of climate-ready landscapes.

- (iv) The supplier provides dedicated funding for the creation and maintenance of climate-ready landscapes, with a minimum of 40 percent of program funds dedicated to low-income households and disadvantaged communities within the supplier's service area.
- (v) The supplier dedicates no less than one full-time staff person to the creation and maintenance of climate-ready landscapes.
- (F) The supplier shows to the satisfaction of the board that it is unable to meet the objective pursuant to section 966 because of the applicable outdoor standards identified in sections 968 and 969.

Authority: Sections 1058, 10609.2, and 10609.20, Water Code.

References: Article X, Section 2, California Constitution; Section 3080, Civil Code; Section 51201, Government Code; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10608.20, 10609.2, 10609.10, 10609.12, and 10609.27, Water Code.

**Adopt new section 967:**

**§ 967. Indoor Residential Water Use Standard**

(a) (1) Each year, a supplier shall calculate its budget for residential indoor water use ( $R_{\text{indoor}}$ ), in gallons, by multiplying the applicable standard ( $S_{\text{indoor}}$ ) described in Water Code section 10609.4, subdivision (a) by the supplier's service area population ( $P$ ), and by the number of days in the year. This formula is expressed mathematically as follows:

$$R_{\text{indoor}} = S_{\text{indoor}} \times P \times \text{days of year}$$

(2) For any reporting year that includes more than one standard, each applicable standard shall be multiplied by the number of days for which the standard applies pursuant to Water Code section 10609.4 that occur in the reporting period.

(b)(1) An urban retail water supplier may, in calculating its urban water use objective, include budgets for variances identified in paragraph (2) for residential indoor use, if:

- (A) The supplier submits supporting information meeting the criteria described in subdivision (e); and
- (B) The associated water use, for any individual variance, represents 5% or more of the sum of the budgets associated with the standards described in section 966 (c)(1) through (4).

(2) Variances may be requested annually for:

- (A) Significant use of evaporative coolers
- (B) Significant fluctuations in seasonal population

(c) Variances available pursuant to subdivision (b) shall be calculated as follows:

(1) A variance for water use associated with evaporative coolers ( $V_{\text{EC}}$ ) represents the volume of water evaporative coolers used on operating days. Operating days ( $N_{\text{DAYS}}$ ) are days when the average temperature in the supplier's service area was greater than 78 degrees Fahrenheit for at least one hour.  $V_{\text{EC}}$  shall be calculated by multiplying the number of evaporative coolers in the service area ( $N_{\text{EC}}$ ) by the number of operating days

(N<sub>DAYS</sub>), the average daily evaporative cooler operating hours (H<sub>O</sub>), and the average daily evaporative rate (R<sub>EC</sub>). This formula is expressed mathematically follows:

$$V_{EC} = N_{EC} \times N_{DAYS} \times H_O \times R_{EC}$$

(A) The number of evaporative coolers in the service area (N<sub>EC</sub>) may be estimated based on a sample meeting the criteria specified in paragraph (D).

(B) The evaporative cooler operating hours (H<sub>O</sub>) may be a daily average based on a sample meeting the criteria specified in paragraph (D). A supplier shall use the service area average operating hours or the daily maximum operating hours, whichever is lower.

(i) The service area wide average operating hours shall equal the average of all operating hours based on the sample.

(ii) The service area daily maximum operating hours shall equal the number of hours in a day when the temperature was above 78 degrees F within the supplier's service area.

(C) The evaporative cooler evaporation rate (R<sub>EC</sub>) may be a daily average based on a sample meeting the criteria specified in paragraph (D). R<sub>EC</sub> shall be calculated by multiplying the average air exchange rate (in gallons per hour) of the evaporative cooler units within the supplier's service areas (CFM), in cubic feet per minute, by the average daily difference in hourly wet and dry bulb temperatures (ΔT<sub>Bulb</sub>), and by a representative efficiency rate of 80%. The product shall be divided by 8700, a factor used to convert British thermal units (BTU) to gallons of water. This formula is expressed mathematically follows:

$$R_{EC} = \frac{CFM \times \Delta T_{Bulb} \times 0.8}{8700}$$

(i) The average air exchange rate of the evaporative cooler units within the supplier's service areas (CFM) and the average daily difference in hourly wet and dry bulb temperatures (ΔT<sub>Bulb</sub>) shall be calculated according to the Department's Methods for Estimating Residential Cooler Water Consumption and Prevalence using Account-Level Water and Energy Consumption Data dated April 15, 2022, or an alternative method that the supplier has demonstrated to the Department and the Board to be equivalent, or superior, in quality and accuracy.

(D) For the purposes of this section, the sample must represent at least 10,000, or ten percent of residential connections, whichever is smaller.

(2) A variance for water use associated with fluctuations in seasonal population (V<sub>SP</sub>) shall be calculated by multiplying the number of dwelling units associated with seasonal occupancy (N<sub>DU</sub>) by the occupancy rate (R<sub>O</sub>) and by the residential indoor use standard for the given time period (S<sub>indoor</sub>). This formula is expressed mathematically as follows:

$$V_{SP} = N_{DU} \times R_O \times S_{indoor}$$

(A) The number of dwelling units associated with seasonal occupancy (N<sub>DU</sub>) shall be calculated according to the Department's Methods for Estimating Seasonal Populations

with Water and Energy Data or an alternative method that the supplier has demonstrated to the Department and Board to be equivalent, or superior, in quality and accuracy.

(B) The occupancy rate ( $R_O$ ) shall be calculated by dividing the average number of seasonally occupied rooms ( $R_S$ ) by the average number of rooms occupied by permanent residents ( $R_P$ ) and multiplying the quotient by the average number of people per permanently occupied household ( $H_P$ ) and the average number of days households are seasonally occupied ( $S_{DAYS}$ ). This formula is expressed mathematically as follows:

$$R_O = \frac{R_S}{R_P} \times H_P \times S_{DAYS}$$

(i) The average number of days households are seasonally occupied ( $S_{DAYS}$ ) shall be calculated according to the Department's Methods for Estimating Seasonal Populations with Water and Energy Data dated June 22, 2022, or an alternative method that the supplier has demonstrated to the Board and the Department to be equivalent, or superior, in quality and accuracy.

(C) Notwithstanding subdivision (b)(1)(B), a supplier is eligible for the variance for water use associated with fluctuations in seasonal populations if the supplier uses detailed daily or hourly AMI data to effectively identify dwelling units with seasonal population and the associated water use represents one percent or more of the sum of the budgets associated with the standards described in section 966 (c)(1) through (4). If the supplier uses detailed daily or hourly AMI data, then the occupancy rate ( $R_O$ ) shall be calculated by multiplying the water used by seasonally occupied homes ( $W_{SO}$ ) by the supplier's service area population ( $P$ ) and dividing the product by the water used for permanently occupied homes ( $W_{PO}$ ). The quotient shall be multiplied by the average number of days households are seasonally occupied ( $S_{DAYS}$ ). This formula is expressed mathematically as follows:

$$R_O = \left( \frac{W_{SO} \times P}{W_{PO}} \right) \times S_{DAYS}$$

(i) The average number of days households are seasonally occupied ( $S_{DAYS}$ ) shall be calculated according to the Department's Methods for Estimating Seasonal Populations with Water and Energy Data dated June 22, 2022, or an alternative method that the supplier has demonstrated to the Board and the Department to be equivalent, or superior, in quality and accuracy.

(d) An urban retail water supplier may request a temporary provision to respond to negative impacts to wastewater collection, treatment, and reuse systems, if the supplier shows to the satisfaction of the Board that meeting the objective pursuant to section 966 would require adhering to the applicable residential indoor standard identified in Water Code section 10609.4 and that meeting the budget for efficient residential indoor use is causing challenges within wastewater collection, treatment, and reuse systems.



(e) In order to receive approval for a variance or a temporary provision for a given reporting year, an urban retail water supplier must submit to the Board, by October 1, for review and approval by the Executive Director, or the Executive Director's designee, a request that includes the following components:

(1) Information showing how the request is warranted and protects beneficial water uses, shown by quantifying and substantiating each request; demonstrating that the water applicable to the request is water delivered by the supplier; and verifying that the approval of the request would not jeopardize the ability of a permittee within the supplier's service area to comply with existing permit requirements.

(2) If the request is denied, the volume of water associated with the variance or provision shall not be included in the objective.

Authority: Sections 1058, 10609.2, and 10609.20, Water Code.

References: Article X, Section 2, California Constitution; Section 51201, Government Code; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, 10609.4, and 10609.10, Water Code.

**Adopt new section 968:**

**§ 968. Outdoor Residential Water Use Standard**

(a) (1) Through June 30, 2030, the standard for efficient residential outdoor use ( $S_{\text{outdoor}}$ ) shall be a landscape efficiency factor of 0.80.

(2) Beginning July 1, 2030, and through June 30, 2035, the standard for efficient residential outdoor use shall be a landscape efficiency factor of 0.63.

(3) Beginning July 1, 2035, the standard for efficient residential outdoor use shall be a landscape efficiency factor of 0.55.

(4) The standard for efficient residential outdoor use for residential special landscape areas shall be a landscape efficiency factor of 1.0.

(5) The standard for newly constructed residential landscapes ( $S_{\text{new}}$ ) shall be the same factor as identified in section 492.4 for residential areas.

(b) (1) Each year, an urban retail water supplier shall calculate its budget for efficient residential outdoor water use ( $R_{\text{outdoor}}$ ), in gallons, by multiplying the applicable standard ( $S_{\text{outdoor}}$ ) described in subdivision (a) by the square footage of residential landscape area (RLA) as described in subdivision (b)(2), net reference evapotranspiration ( $\text{Net ET}_0$ ), and a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$R_{\text{outdoor}} = S_{\text{outdoor}} \times \text{RLA} \times \text{Net ET}_0 \times 0.62$$

(2) Residential landscape area includes, for each supplier:

(A) The supplier's unique square footage of Irrigable Irrigated area provided by the Department to the Board on October 3, 2022, or any updates thereafter, minus any landscape area that the Department categorizes as residential but that the supplier categorizes as CII.

(B) Through June 30, 2027, a supplier may include in its residential landscape area up to twenty percent of the supplier's unique square footage of Irrigable Not Irrigated area

provided by the Department to the Board on October 3, 2022, if the supplier's actual urban water use for the reporting year, calculated in accordance with section 10609.22, is greater than the urban water use objective calculated pursuant to section 966 without inclusion of Irrigable Not Irrigated area.

(3) A supplier may, for each reporting year, use an alternative data source for reference evapotranspiration, effective precipitation, or its residential landscape area described in subdivision (b)(2), if it demonstrates to the Department and Board that the data is equivalent, or superior, in quality and accuracy to the data provided by the Department. Alternative data pursuant to this paragraph shall be reported pursuant to section 975.

(c) (1) Notwithstanding subdivision (b)(1), if an urban retail water supplier delivers water to residential special landscape areas, the supplier may calculate its budget for efficient residential outdoor use pursuant to this paragraph. Accounting for residential special landscape areas, the supplier may calculate its residential outdoor water use budget ( $R_{\text{outdoor}}$ ), in gallons, by subtracting the square footage of residential special landscape areas (RSLA) from the square footage of residential landscape area (RLA) as defined in subdivision (b)(2) and multiplying the result by the applicable standard ( $S_{\text{outdoor}}$ ) described in subdivision (a); then, by adding that value to the product of the standard for residential special landscape areas ( $S_{\text{RSLA}}$ ) as described in subdivision (a)(4) and the square footage of residential special landscape areas (RSLA); and lastly, by multiplying that sum by net reference evapotranspiration ( $\text{Net ET}_0$ ) and a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$R_{\text{outdoor}} = (S_{\text{outdoor}} \times (\text{RLA} - \text{RSLA}) + S_{\text{RSLA}} \times \text{RSLA}) \times \text{Net ET}_0 \times 0.62$$

(2) In order to calculate a residential outdoor budget pursuant to this subdivision, a supplier may include residential special landscape areas only if the supplier submits supporting information meeting the criteria described in subdivision (i).

(d) (1) An urban retail water supplier may add to its residential outdoor budget calculated pursuant to (b)(1) or (c)(1) the volume of water associated with newly constructed residential landscapes. The budget for residential outdoor water use associated with newly constructed residential landscapes ( $R_{\text{outdoor, new}}$ ), in gallons, is calculated by multiplying the standard ( $S_{\text{new}}$ ) described in subdivision (a)(5) by the square footage of the supplier's newly added residential landscape area ( $\text{RLA}_{\text{new}}$ ) as described in subdivision (d)(2), net reference evapotranspiration ( $\text{Net ET}_0$ ), and a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$R_{\text{outdoor, new}} = S_{\text{new}} \times \text{RLA}_{\text{new}} \times \text{Net ET}_0 \times 0.62$$

(2) The existence of newly constructed residential landscape area shall be demonstrated by referencing annual reporting required by section 495(b)(6), provided the report has disaggregated newly constructed residential landscapes from the total landscape area reported.

(e)(1) An urban retail water supplier may annually, in calculating its urban water use objective, include budgets for variances for residential outdoor water use if:

(A) the supplier submits supporting information meeting the criteria described in subdivision (i); and  
 (B) the associated water use, for any individual variance identified in paragraph (2)(A) through (C), represents 5% or more of the sum of the budgets associated with the standards described in section 966 (c)(1) through (4); or  
 (C) the associated water use for the variance identified in paragraph (2)(D) plus the variance identified in section 969 (e)(2)(A), or the associated water use for the variance identified in paragraph (2)(E) plus the variance identified in section 969 (e)(2)(B), represents 5% or more of the sum of the budgets associated with the standards described in section 966 (c)(1) through (4).

(2) Variances may be requested annually for:

- (A) populations of horses and other livestock
- (B) water for dust control on horse corrals or other animal exercise arenas
- (C) water for irrigating agricultural landscapes that are within residential areas but have not been classified as irrigable irrigated by the Department
- (D) water used to respond to emergency events, not including drought
- (E) water for landscapes irrigated with recycled water containing high levels of TDS
- (F) water to supplement ponds and lakes to sustain wildlife as required by existing regulations or local ordinances

(f) Variances available pursuant to subdivision (e) shall be calculated as follows:

(1) A variance for water use associated with horses and other livestock ( $V_{livestock}$ ), shall be calculated as the sum of water allocations for each animal type-class (T). The water allocation for an animal type-class shall be calculated by multiplying the daily water use of the animal type-class ( $V_T$ ), as specified in paragraphs (A) through (D), by the number of animals ( $N_T$ ), by the average number of days per year where water is provided to the animal type ( $D_T$ ). This formula is expressed mathematically as follows:

$$V_{livestock} = \sum_T (V_T \times N_T \times D_T)$$

- (A) For sheep, llama, donkey, swine, and other medium-sized livestock between 200 and 500 pounds, the daily water use shall be the lesser of 8 gallons of water per day per animal or the amount specified in section 697.
- (B) For cattle, bulls, and other livestock greater than 500 pounds, the daily water use shall be 11 gallons of water per day per animal.
- (C) For horses and mules, the daily water use shall be 13 gallons of water per day per animal.
- (D) For milking cows, the daily water use shall be 16 gallons of water per day per animal.

(2) A variance for water use associated with dust control on horse corrals or other animal exercise arenas ( $V_{corral}$ ) shall be calculated by multiplying the square footage of corrals or other animal exercise arenas ( $A_{corral}$ ) by the number of days per year the corrals or other animal exercise arenas may be watered ( $N_w$ ) pursuant to paragraph (B), by 0.021 feet of water per water day, and then by 7.48 gallons per cubic foot. This formula is expressed mathematically as follows:

$$V_{\text{corral}} = A_{\text{corral}} \times N_w \times 0.021 \times 7.48$$

(A) The square footage of corrals or other animal exercise arenas in the supplier's service area ( $A_{\text{corral}}$ ) shall be either (1) the value provided as a separate corral mask (areas that are clear of vegetation and surrounded by a fence, and that have soil texture that is different from soil outside the fence, in square feet) by the Department to the Board on October 3, 2022, or any updates thereafter, or (2) alternative data, if the supplier demonstrates to the Department and Board that the data are equivalent, or superior, in quality and accuracy to the data provided by the Department.

(B) The number of days per year corrals or other animal exercise arenas ( $N_w$ ) may be watered shall vary based on climate zone as follows:

(i) For climate zones 1 through 5 and 7, corrals or other animal exercise arenas shall be watered no more than 2 days per week.

(ii) For climate zones 6, 8 through 10, 12, and 16, corrals or other animal exercise arenas shall be watered no more than 3 days per week.

(iii) For climate zones 11 and 13 through 15, corrals or other animal exercise arenas shall be watered no more than 4 days per week.

(vi) If a supplier's service area spans multiple climate zones, the supplier shall, for the purposes of calculating this variance, use the climate zone that covers the majority of the supplier's service area. A supplier may, upon a showing to the satisfaction of the Board, use the climate zone that covers the majority of the square footage of corrals or other animal exercise arenas within the supplier's service area.

(3) A variance for water used to irrigate residential agricultural landscapes ( $V_{\text{Ag}}$ ) shall be calculated by multiplying a unit conversion factor of 0.62 by the values provided by the Department for the following parameters: the landscape efficiency factor ( $\text{LEF}_{\text{Ag}}$ ) as described in paragraph (B), the square footage of residential agricultural landscapes ( $\text{LA}_{\text{Ag}}$ ), and the net reference evapotranspiration for the aggregated growing seasons associated with the crops grown on residential agricultural landscapes ( $\text{Net ET}_{\text{O Ag}}$ ). This formula is expressed mathematically as follows:

$$V_{\text{Ag}} = \text{LEF}_{\text{Ag}} \times \text{LA}_{\text{Ag}} \times \text{Net ET}_{\text{O Ag}} \times 0.62$$

(A) Notwithstanding subdivision (e)(1)(B), if a supplier is using crop-specific landscape area, then the supplier may, in calculating its residential outdoor budget, include a variance for water used to irrigate residential agricultural landscapes if the associated water use for this variance represents 1% or more of the sum of the budgets associated with the standards described in section 966 (c)(1) through (4). A supplier using crop-specific landscape area shall calculate a variance for water used to irrigate residential agricultural landscapes ( $V_{\text{ag}}$ ) by multiplying the square footage of the landscape area used for each crop ( $\text{LA}_{\text{crop}}$ ) by each crop's unique efficiency factor ( $\text{EF}_{\text{crop}}$ ) described in paragraph (C), by the net reference evapotranspiration associated with each crop's growing season ( $\text{Net ET}_{\text{O crop}}$ ), and by a unit conversion factor of 0.62; and then summing the products for each crop. This formula is expressed mathematically as follows:

$$V_{\text{Ag}} = \sum_{\text{crop}} \text{EF}_{\text{crop}} \times \text{LA}_{\text{crop}} \times \text{Net ET}_{\text{O crop}} \times 0.62$$

(B) The landscape efficiency factor for residential agricultural landscapes ( $LEF_{ag}$ ) shall be the lesser of:

(i) 1.0, or

(ii) The annual factor, calculated using data provided by the Department, as the average regional crop coefficient divided by the average regional irrigation efficiency. The average regional crop coefficient for the reporting year will be based on the most recent Statewide Crop Mapping dataset developed by the Department and the most recent crop coefficients identified in the Food and Agriculture Paper 24 or Paper 56 or the University of California Cooperative Extension Leaflet #21427 or Leaflet #21428. The irrigation efficiency shall be based on the Application Efficiency: Hydrologic Region 2010 values developed by the UC Davis Water Management Research Group or a comparable tool.

(C) Each crop's unique efficiency factor ( $EF_{crop}$ ) shall be the lesser of:

(i) 1.0, or

(ii) Each crop's unique efficiency factor ( $EF_{crop}$ ), calculated as the crop coefficient divided by efficiency of the irrigation system associated with that specific crop in the supplier's service area. The crop coefficient values shall be the most recent crop coefficients identified in the Food and Agriculture Paper 24 or Paper 56 or the University of California Cooperative Extension Leaflet #21427 or Leaflet #21428. The irrigation efficiency shall be based on the Application Efficiency: Hydrologic Region 2010 values developed by the UC Davis Water Management Research Group, or comparable tool if the supplier demonstrates to the Department that the tool is equivalent, or superior, in quality and accuracy.

(4) A variance for water used to respond to a state or local emergency declared in accordance with Government Code section 8558(b) or (c), not including a drought, shall be equal to the volume of water used to respond to the emergency event.

(A) To be eligible for this variance, a supplier shall provide documentation including, but not limited to, a copy of the emergency declaration pursuant to Government Code section 8558(b) or (c), official evacuation orders, official incident reports, a document describing or map showing impacted residential parcels, and records of the total volume of water used as part of the emergency response efforts.

(B) This variance shall not include water reported to the Board supporting a variance for unexpected adverse conditions pursuant to section 985.

(5)(A) A variance for the volume of water associated with landscapes irrigated with recycled water containing high levels of TDS ( $V_{HTDS}$ ) shall be calculated by multiplying the applicable landscape efficiency factor ( $LEF_A$ ) described in paragraph (i) or(ii) by the square footage of the landscape area irrigated with recycled water containing high levels of TDS ( $LA_{HTDS}$ ), by net reference evapotranspiration ( $Net\ ET_0$ ), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$V_{HTDS} = LEF_A \times LA_{HTDS} \times Net\ ET_0 \times 0.62$$

(i) The landscape efficiency factor ( $LEF_A$ ) for landscapes using recycled water with TDS concentrations between 900 and 1,600 milligrams per liter (mg/L) shall be calculated by multiplying 0.000371 by the difference of the TDS concentration, in mg/L, of the applied recycled water and 900. This formula is expressed mathematically as follows:

$$LEF_A = 0.000371 \times (\text{Concentration of recycled water} - 900)$$

(ii) The landscape efficiency factor ( $LEF_A$ ) for landscapes using recycled water with concentrations of TDS equal to or above 1,600 mg/L shall be 0.26.

(B) Notwithstanding subdivision (e)(1)(C), a supplier may include a variance for water used to irrigate landscapes with recycled water containing high levels of TDS for which the sum of the associated water use calculated pursuant to this paragraph and section 969 (e)(2)(B) represent 1 percent or more of the sum of budgets described in section 966(c)(1) through (4), if the supplier is using detailed plant based leaching requirements. A supplier using detailed, plant based leaching requirements shall calculate a variance for water used to irrigate landscapes with recycled water containing high levels of TDS ( $V_{HTDS}$ ) by subtracting one from the applicable landscape efficiency factor ( $LEF_B$ ) described below and multiplying the difference by the square footage of the landscape area irrigated with recycled water containing high levels of TDS ( $LA_{HTDS}$ ), net reference evapotranspiration ( $Net\ ET_0$ ), and a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$V_{HTDS} = (LEF_B - 1) \times LA_{HTDS} \times Net\ ET_0 \times 0.62$$

(i) The landscape efficiency factor ( $LEF_B$ ) for recycled water applied via sprinkler systems shall be calculated by dividing the plant factor (PF) described in paragraph (iii) by the product of 0.75 and the difference of one minus the plants' leaching requirement (LR) described in paragraph (iv). This formula is expressed mathematically as follows:

$$LEF_B = \frac{PF}{0.75 \times (1 - LR)}$$

(ii) The landscape efficiency factor ( $LEF_B$ ) for recycled water applied via drip irrigation systems shall be calculated by dividing the plant factor (PF) as described in paragraph (iii) by the product of 0.81 and the difference of one minus the plants' leaching requirement (LR) as described in paragraph (iv). This formula is expressed mathematically as follows:

$$LEF_B = \frac{PF}{0.81 \times (1 - LR)}$$

(iii) The plant factor shall be that of the lowest water-using plant that is present in at least 30% of the landscaped area.

(iv) The leaching requirement (LR) shall be equal to the salinity of the recycled water ( $EC_{iw}$ ) divided by the product of 5 and the difference between the plant's salinity threshold ( $EC_e$ ) and the salinity of the recycled water ( $EC_{iw}$ ).  $EC_{iw}$  shall be capped at 1,600 mg/L for salinity concentrations exceeding 1,600 mg/L. This formula is expressed mathematically as follows:

$$LR = \frac{EC_{iw}}{5 \times (EC_e - EC_{iw})}$$

(C) Suppliers delivering recycled water with high levels of TDS for landscape irrigation shall only be eligible for the variance if the following conditions are met:

- (i) The recycled water is produced by a wastewater treatment plant or water recycling treatment plant permitted to produce recycled water pursuant to California Code of Regulations, title 22;
- (ii) The facility that produces the recycled water has completed annual volumetric reporting requirements consistent with the Water Quality Control Policy for Recycled Water;
- (iii) The application of the recycled water complies with all applicable waste discharge requirements;
- (iv) The application of the recycled water does not violate the terms of local any salt or nutrient management plan;
- (v) The application of the recycled water adheres to the Board's Anti-Degradation Policy, Board Resolution No. 68-16 or any update thereto.

(6) A supplier may include a variance for water use associated with ponds and lakes for sustaining wildlife, if the pond or lake is required to be maintained by regulation or local ordinance. A variance for water associated with ponds or lakes required to be maintained by regulation or local ordinance ( $V_{wildlife}$ ) shall be calculated by multiplying 1.1 by the square footage of applicable ponds and lakes, by reference evapotranspiration less annual precipitation, and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$V_{wildlife} = 1.1 \times \text{Ponds and Lakes Area} \times (ET_0 - \text{Annual Precipitation}) \times 0.62$$

(g)(1) An urban retail water supplier may, in calculating its annual urban water use objective, include budgets for temporary provisions for residential outdoor use if the supplier submits supporting information meeting the criteria described in subdivision (i).

(2) Temporary provisions may be requested for:

- (A) water for existing pools, spas, and similar water features
- (B) water for the planting of new, climate-ready trees
- (C) water for the establishment of qualifying landscapes

(h) Temporary provisions available pursuant to subdivision (g) shall be calculated as follows:

(1) A temporary provision for existing pools, spas and similar water features is available beginning January 1, 2035, until January 1, 2040. This provision ( $Pr_{pool}$ ) shall be calculated by multiplying the square footage of existing pools, spas, and similar water features ( $A_{pool}$ ), by 0.08, by net reference evapotranspiration ( $Net\ ET_0$ ), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$Pr_{pool} = A_{pool} \times 0.08 \times Net\ ET_0 \times 0.62$$

The square footage of existing pools, spas, and similar water features ( $A_{pool}$ ) shall be either (A) the value provided by the Department to the Board on October 3, 2022, or any updates thereafter, or (B) alternative data, if the supplier demonstrates to the Department and Board that the data are equivalent, or superior, in quality and accuracy to the data provided by the Department.



(2) A temporary provision for the volume of water associated with planting climate-ready trees ( $Pr_{trees}$ ) shall be calculated by multiplying the number of newly planted climate-ready trees ( $N_{trees}$ ) by 0.85, by net reference evapotranspiration ( $Net\ ET_0$ ), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$Pr_{trees} = N_{trees} \times 0.85 \times Net\ ET_0 \times 0.62$$

(A) A climate-ready tree is a tree that is well-adapted to face both present and future climatic challenges such as heat, drought, extreme weather events, and pests within the supplier's service area. Each newly planted climate-ready tree is assumed to occupy 1.0 square foot.

(B) A temporary provision for the volume of water associated with planting climate-ready trees applies for three reporting periods, starting with the reporting period in which the trees were planted.

(3) A temporary provision for the volume of water associated with the establishment of qualifying landscapes ( $Pr_{land}$ ) as described in paragraph (3)(A), shall be calculated by multiplying the square footage of the qualifying landscapes ( $LA_{land}$ ) by 0.85, by net reference evapotranspiration ( $Net\ ET_0$ ), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$Pr_{land} = LA_{land} \times 0.85 \times Net\ ET_0 \times 0.62$$

(A) Qualifying landscapes are those that require temporary irrigation and are associated with low-impact development, ecological restoration, and mined-land reclamation projects.

(B) A temporary provision for water for the establishment of qualifying landscapes applies for three reporting periods, starting with the reporting period in which irrigation of the qualifying landscape begins.

(i) In order to receive approval for either a variance, a temporary provision, or the inclusion of special landscape areas for a given reporting year, an urban retail water supplier must submit to the Board, by no later than October 1, for review and approval by the Executive Director, or the Executive Director's designee, a request that includes the following:

(1) Information quantifying and substantiating each request, including showing how it protects beneficial uses of water; demonstrating that the amount of water requested was delivered by the supplier for the requested use; and verifying that the approval of the request would not jeopardize the ability of a permittee within the supplier's service area to comply with existing permit requirements; and

(2) A description of efforts to prioritize water for existing trees, including, but not limited to rebate, direct install, and educational programs focused on transitioning from turf- to tree-centric irrigation systems that promote deep and healthy root growth. Tree-centric irrigation systems include but are not limited to soaker hoses, deep drip watering stakes, drip tubing, and emitters.

(3) If the request is denied, the volume of water associated with the variance, provision, or special landscape area shall not be included in the objective.



Authority: Sections 1058 and 10609.2, Water Code.

References: Article X, Section 2, California Constitution; Section 3080, Civil Code; Sections 8558 and 51201, Government Code; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, and 10609.6, Water Code.

**Adopt new section 969:**

**§ 969. Standard for outdoor irrigation of landscape areas with dedicated irrigation meters or equivalent technology in connection with commercial, industrial, and institutional (CII) water use.**

(a) (1) Through June 30, 2028, an urban retail water supplier's budget for commercial, industrial, and institutional landscapes with dedicated irrigation meters ( $S_{DIM}$ ) shall be the supplier's actual deliveries associated with landscape irrigation reported to the Board pursuant to Health and Safety Code section 116530.

(2) Beginning July 1, 2028, and through June 30, 2030, the standard for CII landscapes with DIMs ( $S_{DIM}$ ) shall be a landscape efficiency factor of 0.80.

(3) Beginning July 1, 2030, and through June 30, 2035, the standard for CII landscapes with DIMs ( $S_{DIM}$ ) shall be a landscape efficiency factor of 0.63.

(4) Beginning July 1, 2035, the standard for CII landscapes with DIMs ( $S_{DIM}$ ) shall be a landscape efficiency factor of 0.45.

(5) For CII landscapes with DIMs that are special landscape areas, the standard ( $S_{DIM\ SLA}$ ) shall be a landscape efficiency factor of 1.0. The  $S_{DIM\ SLA}$  shall be applied to CII landscapes with DIMs that are special landscape areas as defined in section 491 as well as CII landscapes with DIMs that are any of the following:

(A) Slopes designed and constructed with live vegetation as an integral component of stability;

(B) Ponds or lakes receiving supplemental water for purposes of sustaining wildlife, recreation, or other public benefit, excluding water reported to the Board supporting a variance for ponds and lakes for sustaining wildlife required to be maintained by regulation or local ordinance;

(C) Plant collections, botanical gardens, and arboretums;

(D) Public swimming pools and similar recreational water features; and

(E) Cemeteries built before 2015.

(6) The standard for CII landscapes with DIMs that are newly constructed landscapes shall be the same factor as identified in section 492.4 for non-residential areas.

(b) (1) Beginning July 1, 2028, an urban retail water supplier shall calculate its budget for commercial, industrial, and institutional landscapes with dedicated irrigation meters ( $CII_{DIM}$ ) by multiplying the applicable standard ( $S_{DIM}$ ) described in subdivision (a) by the measured total square footage of the irrigated area of CII landscapes with DIMs ( $DIM\ LA$ ), by net reference evapotranspiration ( $Net\ ET_0$ ), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$CII_{DIM} = S_{DIM} \times DIM\ LA \times Net\ ET_0 \times 0.62$$

(2) No later than July 1, 2028, and periodically thereafter, a supplier shall quantify the measured total square footage of the irrigated area of CII landscapes with DIMs ( $DIM\ LA$ ) and describe and substantiate how that area was quantified. Annual updates shall

include the square footage of large landscapes for which suppliers have installed DIMs in accordance with section 973.

(3) A supplier may, for each reporting year, use alternative data sources for reference evapotranspiration and effective precipitation if the supplier demonstrates to the Department and Board that the data is equivalent, or superior, in quality and accuracy to the data provided by the Department. The alternative data shall be reported pursuant to section 975.

(c) (1) Notwithstanding subdivision (b)(1), if an urban retail water supplier delivers water to commercial, industrial, and institutional landscapes with dedicated irrigation meters that are special landscape areas, the supplier may calculate its budget for CII landscapes with DIMs as follows: Subtract the square footage of CII landscapes with DIMs that are special landscape areas (DIM SLA) from the total area of CII landscapes with DIMS (DIM LA). Then multiply the result by the applicable standard for CII landscapes with DIMs ( $S_{DIM}$ ) described in subdivision (a). Add that value to the product of the standard for CII landscapes with DIMs that are special landscape areas ( $S_{DIM\ SLA}$ ) described in subdivision (a)(4) and the square footage of CII landscapes with DIM that are special landscape areas (DIM SLA). Then, multiply that sum by net reference evapotranspiration ( $Net\ ET_0$ ) and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$CII_{DIM} = ((S_{DIM} \times (DIM\ LA - DIM\ SLA)) + (S_{DIM\ SLA} \times DIM\ SLA)) \times Net\ ET_0 \times 0.62$$

(2) In order to calculate an outdoor budget for CII landscapes with DIMs pursuant to this subdivision, a supplier may include special landscape areas for CII landscapes with DIMs only if the supplier submits supporting information meeting the criteria described in section 968 (i).

(d) (1) An urban retail water supplier may add to its budget for commercial, industrial, and institutional landscapes with dedicated irrigation meters ( $CII_{DIM}$ ) calculated pursuant to (b)(1) or (c)(1) the volume of water associated with CII landscapes with DIMs that are newly constructed landscapes. The budget for CII landscapes with DIMs that are newly constructed landscapes ( $C_{DIM, new}$ ), in gallons, is calculated by multiplying the standard ( $S_{new}$ ) described in subdivision (a)(6) by the square footage of CII landscapes with DIMs that are newly constructed landscapes ( $DIM\ LA_{new}$ ), by net reference evapotranspiration ( $Net\ ET_0$ ), and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$CII_{DIM, new} = S_{new} \times DIM\ LA_{new} \times Net\ ET_0 \times 0.62$$

(2) The existence of CII landscapes with DIMs that are newly constructed landscapes shall be demonstrated by referencing annual reporting required by section 495(b)(6), provided the report has disaggregated CII landscapes with DIMs that are newly constructed landscapes from the total landscape area reported.

(e) (1) An urban retail water supplier may annually, in calculating its urban water use objective, include budgets for variances for water use on commercial, industrial, and institutional landscapes with dedicated irrigation meters, if the supplier submits supporting information meeting the criteria described in section 968 (i), and if the

associated water use for the variance represents 5% or more of the sum of the budgets associated with the standards described in section 966 (c)(1) through (4). For purposes of meeting this 5% threshold, the associated water use for the variance identified in paragraph (2)(A) may be added to the associated water use for the variance identified in section 968 (e)(2)(D), and the associated water use for the variance identified in paragraph (2)(B) may be added to the associated water use for the variance identified in section 968 (e)(2)(E).

(2) Variances may be requested annually for:

(A) water used to respond to emergency events, not including drought

(B) water for landscapes irrigated with recycled water containing high levels of TDS

(C) water to supplement ponds and lakes to sustain wildlife as required by existing regulations or local ordinances

(f) Variances available pursuant to subdivision (e) shall be calculated as follows:

(1) A variance for water used to respond to a state or local emergency, not including a drought, shall be calculated in the manner described in section 968(f)(4).

(2) A variance for water used for landscapes irrigated with recycled water containing high levels of TDS shall be calculated in the manner described in section 968(f)(5).

(3) A variance for water used to supplement ponds and lakes to sustain wildlife as required by existing regulations or local ordinances shall be calculated in the manner described in section 968(f)(6).

(g)(1) An urban retail water supplier may annually, in calculating its urban water use objective, include budgets for temporary provisions for water use on commercial, industrial, and institutional landscapes with dedicated irrigation meters if the supplier submits supporting information meeting the criteria described in section 968 (i).

(2) Temporary provisions may be requested for:

(A) water for the planting of new, climate-ready trees

(B) water for the establishment of qualifying landscapes, as defined in section 968(h)(3)(A)

(h) Temporary provisions available pursuant to subdivision (g) shall be calculated as follows:

(1) A temporary provision for the planting of new, climate-ready trees shall be calculated in the manner described in section 968(h)(2).

(2) A temporary provision for water used for the establishment of qualifying landscapes that require temporary irrigation shall be calculated in the manner described in section 968(h)(3).

Authority: Sections 1058 and 10609.2, Water Code.

References: Article X, Section 2, California Constitution; Section 51201, Government Code; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, 10609.8, and 10609.9, Water Code.

**Adopt new section 970:**

## § 970. Water Loss Standard

(a) Suppliers shall calculate system-specific standards for real water loss pursuant to section 982.

(b) (1) Each year, suppliers that own and operate a single system shall calculate their water loss budget ( $B_{\text{water loss}}$ ) by multiplying the applicable water loss standard ( $S_{\text{water loss}}$ ) calculated pursuant to section 982 by the number of days in the year, and, depending on the units associated with the standard calculated pursuant to section 982, by either the number of total service connections (C) or the length of the distribution system, in miles (M). These formulas are expressed mathematically as follows:

$$B_{\text{water loss}} = S_{\text{water loss}} \times C \times \text{days in the year}$$

OR

$$B_{\text{water loss}} = S_{\text{water loss}} \times M \times \text{days in the year}$$

(2) Suppliers that own and operate multiple systems shall calculate an aggregate annual water loss budget ( $SB_{\text{water loss}}$ ) as described in paragraph (1) for each system and then by summing the estimated efficient water loss budgets associated with each system. This formula is expressed mathematically as follows, with  $B_{\text{water loss}(1)}$  referring to the first system,  $B_{\text{water loss}(2)}$  referring to the second system, etc.:

$$SB_{\text{water loss}} = \sum_{\substack{i \text{ in the set of} \\ \text{all the systems} \\ \text{of the supplier}}} B_{\text{water loss for system } (i)}$$

(c) Prior to a supplier's initial compliance deadline specified in section 981, the supplier's water loss budget may, alternatively, be equal to its previous year's real water losses reported in its annual water loss audit submitted to the Department pursuant to Water Code section 10608.34 (c).

Authority: Sections 1058 and 10609.2, Water Code.

References: Article X, Section 2, California Constitution; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10608.34, 10609.2, and 10609.12, Water Code.

### **Adopt new section 971:**

## § 971. Bonus Incentive

(a) If an urban retail water supplier delivers water from a groundwater basin, reservoir, or other source that is augmented by potable reuse water, the supplier may add to its objective a bonus incentive. The bonus incentive shall be calculated pursuant to subdivision (b), in accordance with one of the following:

(1) If the potable reuse water is produced at an existing facility as defined in Water Code section 10609.20(d)(4), the bonus incentive shall not exceed 15% of the sum of the budgets described in section 966(c)(1) through (5).

(2) For all other facilities producing potable reuse water, the bonus incentive shall not exceed 10% of the sum of the budgets described in section 966(c)(1) through (5).

(b) The bonus incentive shall be calculated by multiplying the urban retail water supplier's potable reuse volume ( $V_{PR}$ ) in gallons, calculated in accordance with paragraph (1) or (2) or the sum of both depending on where the potable reuse water is obtained, by the portion of total potable water production ( $T_{PW}$ ) delivered to residential and landscape irrigation connections ( $D_{RLI}$ ) for the reporting year. This formula is expressed mathematically as follows:

$$\text{Bonus Incentive} = V_{PR} \times \frac{D_{RLI}}{T_{PW}}$$

(1) A supplier shall calculate the volume of potable reuse water obtained from a groundwater source ( $V_{PRG}$ ) by dividing the product of the loss factor for groundwater recharge and recovery ( $LF_G$ ) and the volume of potable recycled water recharging the groundwater basin ( $R$ ) by total groundwater basin extractions ( $V_{BP}$ ). The quotient is then multiplied by the supplier's groundwater basin extraction ( $V_G$ ). The formula is expressed mathematically as follows:

$$V_{PRG} = \left( \frac{LF_G \times R}{V_{BP}} \right) \times V_G$$

The loss factor for groundwater recharge and recovery ( $LF_G$ ) shall be calculated according to the Department's Recommendations for Bonus Incentive Methods of Calculation and Supporting Data Requirements, dated September 22, 2022, or an alternative method that the supplier has demonstrated to the Department and Board to be equivalent, or superior, in quality and accuracy.

(2) A supplier shall calculate the volume of potable reuse water obtained from an augmented reservoir source ( $V_{PRS}$ ) by dividing the product of the loss factor for evaporation and seepage ( $LF_S$ ) and the volume of potable recycled water augmenting the reservoir ( $A$ ) by the total volume of water produced from the augmented reservoir ( $V_{SWP}$ ). The quotient is then multiplied by the volume of water the supplier derives from the augmented reservoir ( $V_{SW}$ ), in acre-feet. The formula is expressed mathematically as follows:

$$V_{PRS} = \left( \frac{LF_S \times A}{V_{SWP}} \right) \times V_{SW}$$

Authority: Sections 1058 and 10609.20, Water Code.

References: Article X, Section 2, California Constitution; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, 10609.20, and 10609.21, Water Code.

**Adopt new section 972:**

**§ 972. Performance Measures: Commercial, Industrial and Institutional classification system**

- (a) Urban retail water suppliers shall annually classify commercial, industrial and institutional customers in accordance with Energy Star Portfolio Manager's broad categories.
- (b) In addition to Energy Star Portfolio Manager's broad categories, suppliers shall identify every CII customer associated with:
  - (1) CII laundries
  - (2) Large landscapes
  - (3) Water recreation
  - (4) Car wash. For every CII customer that operates a car wash in addition to its primary service and for which the car wash accounts for the majority of that customer's water use, the supplier shall also identify the customer's Energy Star Portfolio Manager property type.
- (c) Each supplier shall classify at least twenty percent of its CII customers by 2026, at least sixty percent by 2028, and one hundred percent by 2030. After 2030, the supplier shall maintain at least a 95% classification rate, as measured on an annual basis.

Authority: Sections 1058 and 10609.10, Water Code.

References: Article X, Section 2, California Constitution; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, and 10609.10, Water Code.

**Adopt new section 973:**

**§ 973. Threshold for converting Commercial, Industrial and Institutional landscapes with mixed meters to Dedicated Irrigation Meters-- or employing in-lieu water management technologies**

- (a) Each urban retail water supplier shall identify all commercial, industrial, and institutional large landscapes that have mixed-use meters and shall either install dedicated irrigation meters or employ in-lieu water technologies for these large landscapes as follows:
  - (1) Suppliers shall employ for large landscapes that do not have DIMs at least two of the following efficient water use technologies:
    - (A) Water budget-based rate structures
    - (B) Water budget-based management program without a rate structure
    - (C) Hardware improvements with enhanced performance and functions, including but not limited to metering technologies that allow suppliers to identify outdoor water use, smart irrigation controllers and pressure-regulated sprinkler spray heads
    - (D) Remote Sensing
    - (E) Landscape plant palette transformation programs, including green infrastructure such as swales or rain gardens that both reduce wet-weather runoff as well as offset irrigation needs
    - (F) Other efficient water use technologies, with proof of improved water use efficiency pursuant to section 975(d)(2)(E)(iv)
  - (2) Suppliers shall employ the following water management practices for large landscapes that do not have DIMs:
    - (A) Communications
    - (B) Irrigation systems maintenance
    - (C) Irrigation scheduling

(b) (1) Urban retail water suppliers shall estimate the volume of water used on commercial, industrial, and institutional landscapes with mixed-use meters ( $CII_{MUM}$ ) by multiplying the area of those landscapes ( $LA_{LL}$ ) by net reference evapotranspiration ( $Net\ ET_0$ ), by a Landscape Efficiency Factor of 0.76, and by a unit conversion factor of 0.62. This formula is expressed mathematically as follows:

$$CII_{MUM} = LA_{LL} \times Net\ ET_0 \times 0.76 \times 0.62$$

(2) For purposes of this section, the area of the landscapes ( $LA_{LL}$ ) shall include only landscapes associated with CII that have mixed-use meters and shall be quantified and substantiated by the supplier using data generated by the Department.

(3) Notwithstanding paragraph (2), a supplier may use data that it has demonstrated to the Department and Board to be equivalent or superior in quality and accuracy.

(c) For commercial, industrial, and institutional large landscapes that have mixed-use meters, suppliers shall make annual progress in either installing dedicated irrigation meters or employing in-lieu water technologies for these large landscapes, with at least twenty percent compliance by 2026, at least sixty percent compliance by 2028, and one-hundred percent compliance by 2030. After 2030, the supplier shall ensure at least 95% of large landscapes either have a dedicated irrigation meter installed or are employing in-lieu water technologies, as assessed on an annual basis.

Authority: Sections 1058 and 10609.10, Water Code.

References: Article X, Section 2, California Constitution; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, and 10609.10, Water Code.

**Adopt new section 974:**

**§ 974. Commercial, Industrial and Institutional water use best management practices for customers that exceed a recommended size, volume of water use, or other threshold**

(a) Each supplier shall identify all disclosable buildings in their service area by January 1, 2025.

(b)(1) For every customer for which the square footage of its building meets the definition of a disclosable building in section 1681 of the California Code of Regulations at title 20, a supplier shall complete the following:

(A) For each meter, the supplier shall deliver to the building owner or Owner's Agent the last four characters of the meter serial number serving the building.

(B) For each meter, the supplier shall identify, aggregate, and provide all water use data, in monthly intervals, for at least the previous calendar year, and all available data for the calendar year in which data is requested, by one of the following methods:

(i) Suppliers not using ENERGY STAR Portfolio Manager's Data Exchange Services shall send the data to the building owner or Owner's Agent using the template provided by ENERGY STAR Portfolio Manager.

(ii) Suppliers using ENERGY STAR Portfolio Manager's Data Exchange Services shall provide the data by direct upload to the building owner's or Owner's Agent's ENERGY STAR Portfolio Manager account, or, at the building owner's or Owner's Agent's request,

send the data to the building owner or Owner's Agent using the template provided by ENERGY STAR Portfolio Manager.

(2) Suppliers shall make annual progress in providing the information in paragraph (1) to the owners or Owner's Agents of disclosable buildings and shall provide the information for at least twenty percent of disclosable buildings by 2026, at least sixty percent by 2028, and one hundred percent by 2030.

(c) For those customers at or above the 80<sup>th</sup> percentile for water use in each of the classification categories described in section 972, excluding process water, each supplier shall, by January 1, 2025, design and implement a conservation program that includes at least one of the best management practices from each of paragraphs (1) through (5):

(1) Outreach, Technical Assistance, and Education best management practices.

- (A) Direct contacts via site visits or phone calls
- (B) Informative or educational bill inserts
- (C) Conducting workshop or developing training videos
- (D) Webpage portals to access information, tools, and rebates
- (E) Cost-effectiveness analysis tools
- (F) Commercials or advertisements
- (G) Grass roots marketing
- (H) Community based social marketing
- (I) Other CII-best management practices derived from additional innovation and technology advancement that can be taken by suppliers, subject to Board approval

(2) Incentive best management practices.

- (A) Rebates and cost-sharing for replacing inefficient fixtures, equipment, irrigation systems or landscapes with water efficient ones
- (B) Certification or branding programs that recognize customers as water efficient
- (C) Value-added programs that offer additional benefits
- (D) Other CII-best management practices derived from additional innovation and technology advancement that can be taken by suppliers, subject to Board approval

(3) Landscape best management practices.

- (A) Landscape and irrigation management practices to promote improved water use efficiency
- (B) Irrigation system inspection and maintenance
- (C) Irrigation scheduling training
- (D) New development landscape inspection, workshops, and training
- (E) Other CII-best management practices derived from additional innovation and technology advancement that can be taken by suppliers, subject to Board approval
- (F) Programs to remove turf and replace it with climate-ready vegetation
- (G) Programs to decrease urban heat and reduce turf water use by planting trees
- (H) Programs to install green infrastructure such as swales or rain gardens that both reduce wet-weather runoff as well as offset irrigation needs.

(4) Collaboration and coordination best management practices.

- (A) Coordination with "green" building certification or recognition programs to promote water use efficiency



- (B) Coordination with land use authorities to check new landscapes design and implementation
- (C) Collaboration with non-governmental organizations on outreach and education
- (D) Collaboration with municipal arborists and tree planting organizations to expand and maintain urban forests.
- (E) Collaboration with stormwater agencies to install green infrastructure such as swales or rain gardens that both reduce wet-weather runoff as well as offset irrigation needs.
- (F) Other CII-best management practices derived from additional innovation and technology advancement that can be taken by suppliers, subject to Board approval

(5) Operational best management practices.

- (A) Infrastructure changes (for example, smart meter replacement programs)
- (B) Billing or data collection procedures (for example, data tracking, analysis, and reporting improvements)
- (C) Other operational best management practices to facilitate CII- best management practices program implementation and evaluation
- (D) Other CII-best management practices derived from additional innovation and technology advancement that can be taken by suppliers, subject to Board approval

(d) For those commercial, industrial, and institutional customers that are at or above the 97.5<sup>th</sup> percentile for water use, excluding process water, each supplier shall, by January 1, 2025, design and implement a conservation program that includes at least two of the best management practices from each of paragraphs (1) through (5) in subdivision (c).

(e) (1) Each urban retail water supplier shall ban the irrigation of non-functional turf with potable water on all commercial, industrial, and institutional (CII) landscapes in its service area by July 1, 2025.

(2) Notwithstanding paragraph (1), a supplier is not required to ban the irrigation of non-functional turf on CII landscapes in its service area that is necessary to ensure the health of trees and other perennial non-turf plantings or that is necessary to address an immediate health and safety need.

(3) Notwithstanding paragraph (1), a supplier may approve a request for continued irrigation of non-functional turf where the user certifies that the turf is a low water use plant with a plant factor of 0.3 or less, and demonstrates the actual use is less than 40% of reference evapotranspiration.

(4) For purposes of this subdivision, CII landscapes include homeowners' associations, common interest developments, community service organizations, and other similar entities but do not include the residences of these entities' members or separate interests, as defined in section 4185 of the Civil Code.

(f) Suppliers shall make annual progress in meeting the requirements of subdivisions (c) and (d), with compliance of at least twenty percent by 2026, at least sixty percent by 2028, and one hundred percent by 2030. After 2030, the supplier shall ensure at least 95% compliance, as assessed on an annual basis.

Authority: Sections 1058 and 10609.10, Water Code.

References: Article X, Section 2, California Constitution; Section 4185, Civil Code; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10609.2, and 10609.10, Water Code.

**Adopt new section 975:**

**§ 975. Reporting**

(a) Each urban retail water supplier shall submit to the Board, no later than January 1, 2024, and by January 1 every year thereafter, the report required by Water Code section 10609.24. The report shall reflect the conditions of the previous state fiscal year.

(b) No later than January 1, 2025, and by January 1 every year thereafter, each urban retail water supplier shall submit to the Board, on a form provided by the Board, the supplier's urban water use objective calculated pursuant to section 966 along with relevant and supporting data. Relevant and supporting data include:

(1) For the residential indoor water use budget described in section 967, the following parameters:

(A) The volume of water associated with the residential indoor budget ( $R_{\text{indoor}}$ ) calculated pursuant to section 967.

(B) Service area population. The service area population shall be the annual value reported to the Board pursuant to Health and Safety code section 116530.

(C) If the supplier has requested and received approval to include in its objective a budget associated with the evaporative cooler variance pursuant to section 967(b)(2), the following information:

(i) The volume of water associated with the variance ( $V_{\text{EC}}$ ) calculated pursuant to section 967(c)(1)

(ii) The number of evaporative coolers in the service area ( $N_{\text{EC}}$ )

(iii) The average daily operating hours ( $H_o$ )

(iv) The average daily evaporative rate ( $R_{\text{EC}}$ )

(v) The number of operating days as described in section 967(c)(1)

(vi) Documentation verifying adherence to the method described in section 967(c)(1)(C)

(vii) Information about the sampling procedure used to estimate the parameters described in section 967(c)(1), including the number of households sampled and the total number of residential connections, as reported to the Board pursuant to Health and Safety Code section 116530.

(D) If the supplier has requested and received approval to include in its objective a budget associated with the seasonal population variance pursuant to section 967(b)(2), the following information:

(i) The volume of water associated with the variance ( $V_{\text{SP}}$ ) calculated pursuant to section 967(c)(2)

(ii) The number of dwelling units associated with seasonal occupancy ( $N_{\text{DU}}$ )

(iii) The occupancy rate ( $R_o$ )

(iv) Documentation verifying adherence to the method described in section 967(c)(2)(B) or (C).

(2) For the residential outdoor water use budget described in section 968:

(A) The volume of water associated with the residential outdoor budget ( $R_{\text{outdoor}}$ ) calculated pursuant to section 968.

(B) Annual reference evapotranspiration and effective precipitation data provided by the Department, or alternative reference evapotranspiration or effective precipitation data meeting the criteria specified in section 968(b)(3).

(C) Residential landscape area data provided by the Department, or alternative residential landscape area data meeting the criteria specified in section 968(b)(3).

(D) Any residential special landscape area measured by the supplier and meeting the criteria specified in section 968 (i). For residential special landscape areas irrigated with recycled water, the supplier shall additionally indicate:

(i) The volume of recycled water applied by source

(ii) Each source of recycled water, identified with the GeoTracker Global Identification Number used for Annual Volumetric Reporting.

(E) Any residential landscape area associated with new construction and meeting the criteria specified section 968 (d)(2).

(F) If the supplier has requested and received approval to include in its objective a budget associated with the variance for horses and other livestock water use pursuant to section 968(e)(2):

(i) The volume of water associated with the variance ( $V_{\text{livestock}}$ ) calculated pursuant to section 968(f)(1)

(ii) The number of animals according to each animal type-class

(iii) The average number of days per year that water is provided to each animal type.

(G) If the supplier has requested and received approval to include in its objective a budget associated with the variance for water associated with dust control on horse corrals or other animal exercise arenas pursuant to section 968(e)(2):

(i) The volume of water associated with the variance ( $V_{\text{corral}}$ ) calculated pursuant to section 968(f)(2)

(ii) The square footage of corrals or other animal exercise arenas provided by the Department, or alternative data as specified in section 968(f)(2)(A).

(H) If the supplier has requested and received approval to include in its objective a budget associated with the variance to irrigate residential agricultural landscapes pursuant to section 968(e)(2), the volume of water associated with the variance ( $V_{\text{ag}}$ ) calculated pursuant to section 968(f)(3) as well as the following information provided by the Department:

(i) The square footage of residential agricultural landscapes

(ii) Reference evapotranspiration and effective precipitation data for the aggregated growing seasons associated with the crops grown on residential agricultural landscapes

(iii) The average regional crop coefficient

(iv) The average regional irrigation efficiency.

(I) If the supplier has requested and received approval to include in its objective a budget associated with the variance to irrigate residential agricultural landscapes pursuant to section 968(e)(2) and if the variance is calculated using crop-specific landscape area:

(i) The volume of water associated with the variance ( $V_{\text{ag}}$ ) calculated pursuant to section 968(f)(3)(A)

(ii) The landscape area associated with each crop, as estimated by the supplier

- (iii) The reference evapotranspiration and effective precipitation data associated with each crop's growing season
- (iv) The unique efficiency factor for each crop, calculated according to section 968(f)(3)(C).

(J) If the supplier has requested and received approval to include in its objective a budget associated with the variance for water used to respond to state or local emergency events pursuant to section 968(e)(2):

- (i) The volume of water associated with the variance
- (ii) The required documentation described in section 968(f)(4).

(K) If the supplier has requested and received approval to include in its objective a budget associated with the variance to irrigate landscapes with recycled water containing high levels of TDS pursuant to section 968(e)(2) and relied on the calculation method described in 968(f)(5)(A):

- (i) The volume of water associated with the variance ( $V_{HTDS}$ ) calculated pursuant to section 968(f)(5)(A)
- (ii) The square footage of the special landscape area irrigated with recycled water containing high levels of TDS
- (iii) The concentration of TDS, in mg/L
- (iv) The GeoTracker Global Identification Number used for Annual Volumetric Reporting by the treatment plant responsible for producing the recycled water used
- (v) The waste discharge identification number (WDID) for the Waste Discharge Requirements associated with the land application of treated recycled water with high levels of TDS
- (vi) The permitted concentration of TDS, in mg/L
- (vii) The permitted volume of applied recycled water, in gallons
- (viii) An electronic copy of the associated salt and nutrient management plan, if applicable.

(L) If the supplier has requested and received approval to include in its objective a budget associated with the variance to irrigate landscapes with recycled water containing high levels of TDS pursuant to section 968(e)(2) and relied on the calculation method described in 968(f)(5)(B):

- (i) The volume of water associated with the variance ( $V_{HTDS}$ ) calculated pursuant to section 968(f)(5)(B);
- (ii) The square footage of the landscape area irrigated with recycled water containing high levels of TDS;
- (iii) The plant factor;
- (iv) The leaching requirement;
- (v) The salinity of the recycled water;
- (vi) The plant threshold salinity;
- (vii) The GeoTracker Global Identification Number used for Annual Volumetric Reporting by the treatment plant that produces the recycled water used;
- (viii) The permit identification number for the Waste Discharge Requirements associated with the land application of treated recycled water with high levels of TDS;
- (ix) An electronic copy of the associated salt and nutrient management plan, if applicable.

(M) If the supplier has requested and received approval to include in its objective the budget associated with the variance for water used to sustain wildlife in ponds and lakes pursuant to 968(e)(2):

- (i) the volume of water associated with the variance ( $V_{\text{wildlife}}$ ), calculated pursuant to section 968(f)(6).
- (ii) the area of ponds and lakes, in square feet.

(N) If the supplier has requested and received approval to include in its objective a budget associated with the temporary provision for maintaining existing pools, spas, and other water features provision pursuant to section 968(g)(2):

- (i) The volume of water ( $Pr_{\text{pool}}$ ) calculated pursuant to section 968(h)(1)
- (ii) The square footage of existing pools provided by the Department, or alternative data as specified in section 968(h)(1)(A).

(O) If the supplier has requested and received approval to include in its objective a budget associated with the temporary provision for new, climate-ready trees pursuant to section 968(g)(2):

- (i) The volume of water associated with the provision ( $Pr_{\text{trees}}$ ), calculated pursuant to section 968(h)(2)
- (ii) The number of newly planted trees.

(P) If the supplier has requested and received approval to include in its objective a temporary provision associated with establishing qualifying landscapes pursuant to section 968(g)(2):

- (i) The volume of water associated with the temporary provision ( $Pr_{\text{land}}$ ), calculated pursuant to section 968(h)(3)
- (ii) The square footage of qualifying landscapes receiving temporary irrigation.

(3) For the budget for commercial, industrial, and institutional landscapes with Dedicated Irrigation Meters described in section 969:

(A) The volume of water for CII landscapes with DIMs ( $CII_{\text{DIM}}$ ) calculated pursuant to section 969.

(B) Annual reference evapotranspiration and effective precipitation data provided by the Department, or alternative reference evapotranspiration or effective precipitation data meeting the criteria specified in section 968(b)(3).

(C) The area of CII landscapes with DIMs measured by the supplier and meeting the criteria specified in section 969(b)(1).

(D) Any special landscape area measured by the supplier and meeting the criteria specified in section 969(a)(5). For CII landscapes with DIMs irrigated with recycled water, the supplier shall indicate:

- (i) The volume of recycled water applied by source
- (ii) Each source of recycled water, identified with the GeoTracker Global Identification Number used for Annual Volumetric Reporting.

(E) Any CII landscape area with DIMs associated with new construction and meeting the criteria specified section 969(d)(2).

(F) Any landscape area associated with a DIM that the Department classified as residential and included in the residential landscape area defined in section 968(b)(2), but that the supplier classifies as CII and has therefore subtracted from residential landscape area.

(G) If the supplier has requested and received approval to include in its objective a budget for the variance for water used to respond to state or local emergency events pursuant to section 969(f)(1), the volume of water associated with the variance and the required documentation described in section 968(f)(4).

(H) If the supplier has requested and received approval to include in its objective a budget for the variance to irrigate landscapes with recycled water containing high levels of TDS pursuant to section 969(f)(2) and has calculated a budget pursuant to section 968(f)(5)(A):

- (i) The volume of water associated with the variance ( $V_{\text{HTDS}}$ ) calculated pursuant to section 968(f)(5)(A)
- (ii) The square footage of the landscape area irrigated with recycled water containing high levels of TDS
- (iii) The concentration of TDS, in mg/L.

(I) If the supplier has requested and received approval to include in its objective a budget for the variance to irrigate landscapes with recycled water containing high levels of TDS pursuant to section 969(f)(2) and has calculated a budget pursuant to section 968(f)(5)(B),

- (i) The volume of water associated with the variance ( $V_{\text{HTDS}}$ ) calculated pursuant to section 968(f)(5)(B),
- (ii) The square footage of the landscape area irrigated with recycled water containing high levels of TDS,
- (iii) The plant factor,
- (iv) The leaching requirement,
- (v) The salinity of the recycled water,
- (vi) The plant threshold salinity.

(J) If the supplier has requested and received approval to include in its objective a budget associated with the variance for water used to sustain wildlife in ponds and lakes pursuant to section 969(f)(3):

- (i) The volume of water associated with the variance ( $V_{\text{wildlife}}$ ), calculated pursuant to section 968(f)(6)
- (ii) The area of ponds and lakes, in square feet.

(K) If the supplier has requested and received approval to include in its objective a budget associated with provision to plant new, climate-ready trees pursuant to section 969(g)(2):

- (i) The volume of water associated with the temporary provision ( $Pr_{\text{trees}}$ ), calculated pursuant to section 968(h)(2)
- (ii) The number of newly planted trees.

(L) If the supplier has requested and received approval to include in its objective a budget associated with the provision for qualifying landscapes pursuant to section 969(g)(2):

- (i) The volume of water associated with the temporary provision ( $Pr_{\text{land}}$ ) calculated pursuant to section 968(h)(3)
- (ii) The square footage of qualifying landscapes receiving temporary irrigation.

- (4) For the budget for real water losses described in section 970:
- (A) The volume of water in gallons per year associated with the real water loss budget ( $B_{\text{water loss}}$ ) calculated pursuant to section 970.
  - (B) For systems with water loss standards expressed in units of gallons per connection per day, the supplier shall report the number of service connections for each system it owns and operates, as reported to the Department pursuant to Water Code section 10608.34.
  - (C) For systems with water loss standards expressed in units of gallons per miles per day, the supplier shall report the length of mains for each system it owns and operates, as reported to the Department pursuant to Water Code section 10608.34.
- (5) For the bonus incentive described in section 971, the following parameters:
- (A) The volume of the bonus incentive calculated pursuant to section 971(b) and subject to the limitations described in section 971(a).
  - (B) Annual total potable water deliveries ( $T_{\text{PW}}$ ) reported to the Board pursuant to Health and Safety Code section 116530.
  - (C) Annual potable water deliveries to single-family residential, multi-family residential, and landscape irrigation ( $D_{\text{RLI}}$ ) reported to the Board pursuant to Health and Safety Code section 116530.
  - (D) Volume of potable reuse water obtained from a groundwater source ( $V_{\text{PRG}}$ ) for the reporting year, calculated pursuant to section 971(b)(1).
  - (E) The annual loss factor for recharge and recovery ( $LF_{\text{G}}$ ). The supplier shall document that the loss factor was calculated and provided by the appropriate groundwater basin management authority in accordance with section 971(b)(1)(A).
  - (F) The total volume of potable recycled water recharged into the basin. The total volume of potable recycled water recharged into the basin shall be an annual average, calculated using the values provided to the Board through the Volumetric Annual Report, for the preceding five years, for each treatment plant producing recycled water used to recharge the basin. It shall be confirmed by the appropriate groundwater basin authority.
  - (G) The GeoTracker Global Identification Number used for Annual Volumetric Reporting by each treatment plant producing recycled water used to recharge the basin.
  - (H) The total volume of water extracted from the augmented groundwater basin ( $V_{\text{BP}}$ ), to be obtained from the appropriate groundwater basin authority.
  - (I) The volume of water the supplier produces from the augmented basin ( $V_{\text{G}}$ ) and the Primary Station Codes associated with the supplier's wells drawing from that basin, as reported to the Board pursuant to Health and Safety Code section 116530.
  - (J) The volume of potable reuse water obtained from an augmented surface water reservoir source ( $V_{\text{PRS}}$ ) for the reporting year, calculated pursuant to section 971(b)(2).
  - (K) The annual loss factor for evaporation and seepage ( $LF_{\text{S}}$ ). The supplier shall document that the loss factor was calculated and provided by the owner or operator of the augmented surface water reservoir.
  - (L) The total volume of potable recycled water used to augment the reservoir. The total volume of recycled water used to augment the reservoir shall be an annual average, calculated using the values provided to the Board through the Volumetric Annual Report, for the preceding five years, for each treatment plant producing recycled water used to augment the reservoir. It shall be confirmed by the appropriate surface water authority.

(M) The GeoTracker Identification Number used for Annual Volumetric Reporting by each treatment plant producing recycled water used to augment the surface water reservoir.

(N) The total volume of water obtained from the augmented reservoir ( $V_{SWP}$ ), to be obtained from the owner or operator of the augmented surface water reservoir.

(O) The volume of water the supplier produces from the augmented reservoir ( $V_{SW}$ ) and the Primary Station Codes associated with the intakes drawing from that reservoir, as reported to the Board pursuant to Health and Safety Code section 116530.

(6) If a supplier meets the criteria described in section 966(i)(1), the following:

(A) Average median household income of the service area, based on the most recent data from the United States Census Bureau's American Community Survey or an alternative source that the supplier has demonstrated to the Board to be equivalent, or superior, in quality and accuracy.

(B) The estimated volume of annual residential water deliveries associated with outdoor water use.

(7) If a supplier meets the criteria described in section 966(i)(2), the following:

(A) Estimated volume of annual residential water deliveries associated with outdoor water use.

(B) Verified compliance with the G480 Water Conservation and Efficiency Program Operation and Management Standard.

(C) Verified compliance with the Tree City USA standard.

(D) Climate-ready landscape program elements, including the following:

(i) The name of the rating system used

(ii) The names of the local and regional partnerships

(iii) The amount of annual funding dedicated to the program and the percentage dedicated to low-income households and disadvantaged communities within the service area

(iv) The annual percentage of turf area converted

(v) The annual estimated volume of water saved.

(E) The number of full-time staff dedicated to climate-ready landscape program.

(c) No later than January 1, 2024, and by January 1 every year thereafter, each urban retail water supplier shall submit to the Department and the Board, on a form provided by the Board, the actual urban water use for the previous state fiscal year, calculated in accordance with section 10609.22 along with relevant supporting data for:

(1) Demands relevant to the objective, including:

(A) (i) Annual deliveries to "Single-Family Residential" connections, as reported to the Board pursuant to Health and Safety Code section 116530

(ii) Annual deliveries to "Multi-Family Residential" connections, as reported to the Board pursuant to Health and Safety Code section 116530

(iii) The volume of annual deliveries to residential customers that are at or above the 90<sup>th</sup> percentile for residential water use across the supplier's service area.

(iv) Deliveries to residential landscapes with dedicated irrigation meters, where the supplier classifies those landscapes as residential, and the Department included those landscapes in the supplier's residential landscape area described in section 968(b)(2)



(v) Deliveries to landscapes the supplier categorizes as residential landscapes but were not included in the supplier's residential landscape area described in section 968(b)(2). The supplier shall report these deliveries separate from paragraph (A)(i) until residential landscape area is updated to include these landscapes pursuant to section 968(b)(2) or (b)(3).

(B) Aggregate annual deliveries to "Landscape Irrigation" connections, as reported to the Board pursuant to Health and Safety Code section 116530. This shall be limited to:

(i) Deliveries to commercial, industrial, and institutional (CII) landscapes with dedicated irrigation meters.

(ii) Deliveries to CII landscapes with DIMs that are associated with landscape area the Department included in the supplier's residential landscape area described in section 968(b)(2) but that the supplier categorizes as CII. If this condition is met, the supplier shall correspondingly adjust its residential landscape area pursuant to section 968(b)(2) or (b)(3).

(C) Aggregated real water losses, as reported in the water audits submitted to the Department pursuant to section 10608.34.

(2) Excluded demands, including:

(A) Aggregate annual water deliveries to "Commercial and Institutional" connections, as reported to the Board pursuant to Health and Safety Code section 116530. This includes deliveries to landscapes the supplier categorizes as commercial or institutional and that are served by mixed-used meters. If the Department included such landscapes in a supplier's residential landscape area described in section 968(b)(2), then the supplier shall correspondingly adjust its residential landscape area pursuant to section 968(b)(2) or (b)(3).

(B) Aggregate annual water deliveries to "Industrial" connections, as reported to the Board pursuant to Health and Safety Code section 116530. The supplier shall additionally estimate the percentage of aggregate annual water deliveries to "Industrial" connections that is process water, as defined by Water Code section 10608.12(p).

(C) Aggregate annual water deliveries to "Other" connections, as reported to the Board pursuant to Health and Safety Code section 116530.

(D) Aggregated apparent water losses, as reported in the water audits submitted to the Department pursuant to section 10608.34.

(d) No later than January 1, 2024, and by January 1 every year thereafter, each urban retail water supplier shall submit to the Department and the Board, for the previous state fiscal year, on a form provided by the Board, the following:

(1) Relevant and supporting data pursuant to section 972 including:

(A) The total number of commercial, industrial, and institutional customers served.

(B) The total number of CII customers classified pursuant to section 972.

(C) The number of CII customers falling into each of the classification categories specified in section 972 (a) and (b).

(2) For CII customers exceeding the threshold specified in section 973(a), the following:

(A) The number of customers with large landscapes.

(B) The aggregate volume of water estimated to be used by large landscapes.

(C) The aggregate square footage associated with large landscapes.

(D) The number of customers with large landscapes for which the supplier has converted a mixed-used meter to a dedicated irrigation meter.

(E) For large landscapes that supplier has employed in-lieu technologies as specified in section 973(a)(1) and (2):

(i) The number of large landscapes subject to section 973(a)(1) and (2)

(ii) The in-lieu technologies that have been employed

(iii) The estimated water savings

(iv) If the supplier has employed an efficient water use technology other than those listed in section 973(a)(1), a narrative description of the technology as well as estimated water savings.

(3) Relevant and supporting data pursuant to section 974, including:

(A) The number of customers that exceed the threshold defined in section 974(a)(2).

(B) The number of customers for which the supplier has provided the information required pursuant to section 974(a)(2).

(C) For each of the classification categories specified in section 972 (a) and (b), the number of customers exceeding the threshold defined in section 974 (b), as well as the following:

(i) The practices implemented pursuant to section 974(b)

(ii) The implementation status of those practices

(iii) The estimated water saved as a result of those practices

(D) The number of customers that exceed the threshold defined in sections 974 (c) as well as the following:

(i) The practices implemented pursuant to section 974(b)

(ii) The implementation status of those practices

(iii) The estimated water saved as a result of those practices.

Authority: Sections 1058 and 10609.28, Water Code.

References: Article X, Section 2, California Constitution; Section 116530, Health and Safety Code; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10608.12, 10608.34, 10609.2, 10609.10, 10609.22, 10609.24, and 10728, Water Code.

### **Adopt new section 978:**

#### **§ 978. Urban Water Use Objectives – Enforcement**

(a) The failure to provide the information requested under this article within the time provided in the order, or as specified under this article, is a violation subject to civil liability pursuant to Water Code section 1846 or 1846.5.

(b) A decision or order issued under this article or under Water Code section 10609.24, subdivision (c), section 10609.26, subdivisions (a) or (c), or section 10609.28 is subject to reconsideration under article 2 (commencing with section 1122) of chapter 4 of part 1 of division 2 of the Water Code.

(c) Orders issued under this article are effective upon issuance.

Authority: Sections 1058, Water Code.

References: Article X, Section 2, California Constitution; Sections 102, 104, 105, 350, 1122, 1123, 1124, 1846, 1846.5, 10609.24, 10609.26, 10609.27, 10609.28, 10617, and 10632, Water Code.

**Title 23. Waters**

**Division 3. State Water Resources Control Board and Regional Water Quality Control Boards**

**Chapter 3.5. Urban Water Use Efficiency and Conservation**

**~~Article 1~~Article 2. Water Loss Performance Standards for Urban Retail Water Suppliers**

...

**~~Article 2~~Article 3. Reporting**

...

**~~Article 3~~Article 4. Prevention of Drought Wasteful Water Uses**

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# CITRUS HEIGHTS WATER DISTRICT

## DISTRICT STAFF REPORT TO BOARD OF DIRECTORS SEPTEMBER 20, 2023 REGULAR MEETING

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SUBJECT	: DISCUSSION AND POSSIBLE ACTION TO CONSIDER SELECTION OF A LOCAL AGENCY FORMATION COMMISSION SPECIAL DISTRICT REPRESENTATIVE
STATUS	: Discussion and Action Item
REPORT DATE	: September 6, 2023
PREPARED BY	: Brittney Moore, Administrative Services Manager/Chief Board Clerk

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**OBJECTIVE:**

Consider Selection of a Sacramento Local Agency Formation Commission (Sacramento LAFCo or LAFCo) Special District Representative.

**BACKGROUND AND ANALYSIS:**

The Citrus Heights Water District (CHWD) recently received a memorandum and accompanying materials from the Sacramento LAFCo Special District Selection Committee regarding an election to select a Special District Representative to LAFCo for Regular Seat #7 for a 4-year term beginning January 1, 2024.

The attached Ballot and other accompanying election materials (voting instructions and candidate biographies) were included with the memorandum.

The Ballot permits the CHWD Board of Directors to select one candidate for Regular Seat #7. The completed ballot with the CHWD-selected candidate will be sent to Sacramento LAFCo to be tallied with other agencies' ballots. Candidates must receive more than fifty percent (50%) of the submitted votes to be selected as a LAFCo Representative.

If CHWD's Board elects to vote, it may do so by motion. The ballot must be returned to the Sacramento LAFCo office no later than 5:00 P.M. on Saturday, September 30, 2023.

**RECOMMENDATION:**

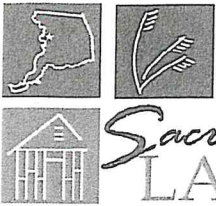
Provide staff direction concerning the Sacramento LAFCo Special District Representative Election.

**ATTACHMENT:**

Sacramento LAFCo Commission Election materials

Moved by Director \_\_\_\_\_, Seconded by Director \_\_\_\_\_, Carried \_\_\_\_\_


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## MEMO

DATE: July 18, 2023

TO: Special District Presiding Officer

FROM: José C. Henríquez, Executive Officer   
Sacramento Local Agency Formation Commission

SUBJECT: Election of Special District Representative to Sacramento LAFCo

The Special District Selection Committee is electing a regular representative to serve a new 4-year term beginning in January 1, 2024.

Due to the size of the Special District Selection Committee, it has been difficult to establish a quorum when meeting in person. Therefore, pursuant to the provisions of Government Code §56332(f), the Executive Officer has determined that the business of the Special District Selection Committee will be conducted in writing to elect a regular Special District Representative to Sacramento LAFCo.

Election of Special District Representative to LAFCO

Thank you for submitting nominations for the Special District Representative election.

At the time the election ends, in order to be selected as a LAFCo Representative, a nominee must receive more than fifty-percent (50%) of the submitted votes. Enclosed with this memo you will find a ballot and a copy of each candidate's Statement of Qualifications received as of the date of this memo. Please note that there is one regular (voting) seat up for election.

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**Commissioners**

*Sue Frost, Rich Desmond, County Members ■ Patrick Hume, Alternate  
Sean Loloee, Iva Walton, City Members ■ Katie Valenzuela, Jay Vandenburg, Alternates  
Chris Little, Public Member ■ Timothy Murphy, Alternate  
Lindsey Liebig, Gay Jones, Special District Members ■ Charlea Moore, Alternate*

**Staff**

*José C. Henríquez, Executive Officer ■ Desirae Fox, Policy Analyst  
Nancy Miller, DeeAnne Gillick, Commission Counsel*

The nominees, in alphabetical order, are:

- 1) Lindsey Carter, Herald Fire Protection District
- 2) Brian Danzl, Cordova Recreation & Park District
- 3) Paul Lindsey, Florin Resource Conservation District
- 4) Joanna McVay, North Highlands Recreation & Park District
- 5) Edwin Perez, Reclamation District 1000
- 6) Michael Seaman, Fulton El Camino Recreation & Park District
- 7) Robert "Bob" Wichert, Sacramento Suburban Water District

*Option of Electronic Elections*

Government Code §56332(c)(4) gives LAFCo and Special Districts the option of completing the election of special district representatives via e-mail. This would be more convenient for some districts and a time/cost saver to LAFCo. In order to implement this, however, LAFCo needs to have the consent of the districts and an indication of those districts that wish to participate in this manner. There are two questions for your district to consider.

1. On the first question, a "Yes" vote means you authorize LAFCo to send out ballots via e-mail to those special districts who choose to vote electronically in future elections. A "No" vote means LAFCo should continue to distribute paper ballots to all districts and distribute them via certified mail.
2. On the second question, if a plurality of districts approves electronic voting in the first question, a "Yes" vote means you wish to receive electronic ballots in future elections and have the option to return your ballot in an electronic format (e-mail, fax or scanned ballot). A "No" vote means your district prefers to continue to receive and submit paper ballots.

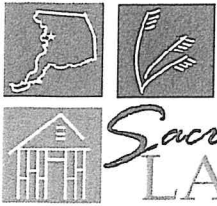
*You can choose to vote "Yes" to the first question to authorize electronic distribution of ballots but vote "No" to the second if your District wants to continue to receive paper ballots.*

*Election Deadline*

The voting period will be 75 days from July 18, 2023; all votes are due in writing on or before **5:00 pm on September 30, 2023**. Voting will cease on this date or whenever a quorum of special districts is reached, whichever occurs later. Please do not forget to have the Board President, or Chair, or the presiding officer of the board meeting in which you made your selection sign the returned ballot.

**District managers or other staff members may not substitute their signature for Board President, or Chair, or the presiding officer's signature.**

Thank you for your time and please feel free to contact me or any member of my staff at 916-874-2937 if you have any questions.



SACRAMENTO LOCAL AGENCY FORMATION COMMISSION  
1112 I Street, Suite 100 • Sacramento, CA 95814 • (916) 874-6458  
[www.saclafco.org](http://www.saclafco.org)

**Mail to: LAFCo**  
**1112 I Street, Suite 100**  
**Sacramento, CA 95814**

## **ELECTION BALLOT**

### **Special District Representative to LAFCo Regular Seat #7**

***The election ends on September 30, 2023 at 5:00 p.m. or until a quorum of  
Special District ballots is received, whichever occurs later.***

<b>Candidate &amp; District</b>	<b>Select one (1)</b>
Lindsey Carter, Herald Fire Protection District	
Brian Danzl, Cordova Recreation & Park District	
Paul Lindsay, Florin Resource Conservation District	
Joanna McVay, North Highlands Recreation & Park District	
Edwin Perez, Reclamation District #1000	
Michael Seaman, Fulton-El Camino Recreation & Park District	
Robert "Bob" Wicher, Sacramento Suburban Water District	

*LAFCo and Special Districts have the option of completing the election of special district representatives via e-mail. Does your district approve of LAFCo distributing electronic ballots to districts that wish to receive them in the future?*

☐ Yes ☐ No

*If so, in the future does your district prefer to receive its ballot via e-mail and submit its vote electronically (via fax, e-mail or scanned ballot)?*

☐ Yes ☐ No

if Yes, ballots should be sent to e-mail address: \_\_\_\_\_

**BALLOT CONTINUES ON THE NEXT PAGE**

#### **Commissioners**

*Sue Frost, Rich Desmond, County Members ■ Patrick Hume, Alternate  
Iva Walton, Sean Loloe, City Members ■ Jay Vandenburg, Katie Valenzuela, Alternates  
Chris Little, Public Member ■ Timothy Murphy, Alternate  
Lindsey Liebig, Gay Jones, Special District Members ■ Charlea Moore, Alternate*

#### **Staff**

*José C. Henríquez, Executive Officer ■ Desirae Fox, Policy Analyst  
Nancy Miller, DeeAnne Gillick, Commission Counsel*

**SIGNATURE OF PRESIDING OFFICER (Original Signature Required):**

\_\_\_\_\_  
**Note:** *Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.*

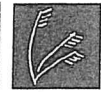
**PRINTED NAME OF PRESIDING OFFICER (Required):**

\_\_\_\_\_  
**AGENDA ATTACHED (Optional):**    Yes \_\_\_\_    No \_\_\_\_

**Attest:**

\_\_\_\_\_  
**District Secretary, Clerk or General Manager**





**Sacramento**  
**LAFCo**

**SACRAMENTO LOCAL AGENCY FORMATION COMMISSION**  
1112 I Street, Suite 100 • Sacramento, CA 95814 • (916) 874-6458  
[www.saclafco.org](http://www.saclafco.org)

**SPECIAL DISTRICT NOMINATION**

**Special District Representative to LAFCo, Seat #7**

Position	Nominee's Name	Originating District
SD Rep, Seat #7	Lindsay Carter	Herald Fire Protection District

**SIGNATURE OF PRESIDING OFFICER:** [Signature]  
(Original Signature Required)

**Note:** Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.

**PRINTED NAME OF PRESIDING OFFICER:** George Obi  
(Required)

**NAME OF NOMINATING DISTRICT:** Herald Fire Protection District

**MINUTES ATTACHED (Optional):** Yes ☐ No ☒

**Attest:**

[Signature]  
District Secretary, Clerk or General Manager

**Nominations must be received by LAFCo before**  
**5:00 p.m. on July 1, 2023**

**Return to:**

**Sacramento LAFCo**  
**1112 I Street, Suite 100**  
**Sacramento, CA 95814**

**Commissioners**

Sue Frost, Rich Desmond, County Members ☐ Patrick Hume, Alternate  
Iva Walton, Sean Loloee, City Members ☐ Jay Vandenburg, Katie Valenzuela, Alternates  
Chris Little, Public Member ☐ Timothy Murphy, Alternate  
Lindsey Liebig, Gay Jones, Special District Members ☐ Charlea Moore, Alternate

**Staff**

José C. Henríquez, Executive Officer ☐ Desirae Fox, Policy Analyst  
Nancy Miller, DeeAnne Gillick, Commission Counsel

# Lindsey Carter

11546 Twin Cities Road Galt, CA 95632 | 209.712.7120 | lindsey@heraldfire.com

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## Experience

### **EXECUTIVE DIRECTOR | CALIFORNIA AGRICULTURAL COMMISSIONERS & SEALERS ASSOCIATION | DECEMBER 2021 - PRESENT**

- Manage organizational functions including personnel, budget, legislative advocacy, communications, and membership development.
- Serve as the advocacy representative at state legislative meetings, industry functions and other statewide meetings and events; regularly provide legislative updates on tracked legislation to board of directors and members.
- Oversee budget for organization and various affiliates.
- Manage bylaws, procedures, and filings for board of directors, committees, and advisory groups, including meeting agenda and minutes creation and distribution.
- Develop organization's strategic plan and implement with board and staff engagement utilizing outside consultants.
- Manage updates for organization and subsidiary websites.
- Administer all grant programs and reporting for all activities.

## Public Boards & Committees

- Commissioner, Sacramento County Local Area Formation Committee (LAFCo) - 2020- present
- Board Member, Herald Fire Protection District – Elected to 4-year term in 2020
- Director, Sloughhouse Resource Conservation District – Appointed to 4-year term in 2020
- Cosumnes Groundwater Authority JPA, Current Alternate Member – 2021 - present
- Member, Protest Provisions Rewrite Working Group, CSDA/CALAFCO – 2019 - 2021
- Commissioner Member, Sacramento LAFCo Special District Advisory Committee – 2018 - present
- Alternate Representative, South Sacramento Habitat Conservation Plan Implementation Review Committee – 2018 - 2021
- Alternate Representative, Sacramento Central Groundwater Authority – 2018 – 2021
- Member, CDFA SWEEP Ad-Hoc Advisory Committee - 2021

## Community & Non-Profit Organization Involvement

- President, Sacramento Farm Bureau Foundation for Ag Education – 2015 – present
- President, National Sigma Alpha Educational Foundation – 2019 – 2022
- Member, California Special District Association Legislative Committee – 2020 - 2022
- Member, California Special District Association Bylaws & Policy Committee – 2020 - 2022
- Member, Elk Grove FFA Advisory Committee – 2020 - present
- Class 50 Fellow, California Agricultural Leadership Program – 2019- 2022



SACRAMENTO LOCAL AGENCY FORMATION COMMISSION  
1112 I Street, Suite 100 • Sacramento, CA 95814 • (916) 874-6458  
www.saclafco.org

**SPECIAL DISTRICT NOMINATION**

**Special District Representative to LAFCo, Seat #7**

Position	Nominee's Name	Originating District
Board Vice-Chairperson	Brian Danzi	CRPD

SIGNATURE OF PRESIDING OFFICER:

*Michael Yearwood*  
(Original Signature Required)

**Note:** Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.

PRINTED NAME OF PRESIDING OFFICER:

*Michael Yearwood*  
(Required)

NAME OF NOMINATING DISTRICT:

*Cordova Recreation & Park District*

MINUTES ATTACHED (Optional):

Yes ☒ No ☐

Attest:

*Danielle Jones*  
District Secretary, Clerk or General Manager

**Nominations must be received by LAFCo before**  
**5:00 p.m. on July 1, 2023**

**Return to:**

**Sacramento LAFCo**  
**1112 I Street, Suite 100**  
**Sacramento, CA 95814**

**Commissioners**

Sue Frost, Rich Desmond, County Members ■ Patrick Hume, Alternate  
Iva Walton, Sean Loloee, City Members ■ Jay Vandenburg, Katie Valenzuela, Alternates  
Chris Little, Public Member ■ Timothy Murphy, Alternate  
Lindsey Liebig, Gay Jones, Special District Members ■ Charlea Moore, Alternate

**Staff**

José C. Henriquez, Executive Officer ■ Desirae Fox, Policy Analyst  
Nancy Miller, DeeAnne Gillick, Commission Counsel

# Brian Danzl

Director

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(916) 826-1470 • bdanzl@crpd.com • Rancho Cordova, CA 95670

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Dynamic professional with experience in executive management and business development. Demonstrates success in driving significant growth and profitability through strategic planning and execution of innovative business initiatives. Proven track record of building and leading high-performance teams to achieve organizational objectives and exceed customer expectations. Adept at building strong relationships with clients, stakeholders and partners to create lasting value.

## Experience

MAY 23 - PRESENT

**President Elect** | California Association Of Recreation And Park Districts, Roseville, CA

- Facilitated discussions between opposing sides in order to reach compromise solutions when necessary.
- Coordinated grassroots campaigns to educate districts on issues important to the parks.

MAY 2014 - MAY 2017

**Board Secretary** | California Association Of Recreation And Park Districts, Roseville, CA

- Provided administrative support to the Board of Directors, including scheduling meetings and preparing agendas.
- Assisted in the preparation of board meeting minutes, resolutions, reports and other corporate documents.

OCT 10 - PRESENT

**Vice Chair** | Cordova Recreation And Park District, Rancho Cordova, CA

- Leveraged strong interpersonal skills to build relationships with key stakeholders.
- Created operational dashboards to measure performance across multiple departments.
- Implemented process improvements resulting in increased efficiency within the organization.
- Collaborated with board members to develop corporate governance strategies.

JAN 2010 - JAN 11

**Board Chair** | Cordova Recreation And Park District, Rancho Cordova, CA

- Reviewed financial statements and other reports to monitor organizational performance.
- Developed strategies to increase diversity among board members to reflect community demographics.
- Advised on best practices for corporate governance matters.
- Collaborated with stakeholders on projects related to fundraising, marketing, public relations.

JAN 17 - JAN 18

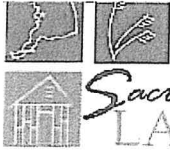
**Board Chair** | Cordova Recreation And Park District, Rancho Cordova, CA

- Facilitated effective communication between the Board and senior management teams.
- Evaluated proposals from vendors for goods and services required by the organization.
- Reviewed financial statements and other reports to monitor organizational performance.

JUN 13 - JAN 14

**Board Chair** | Cordova Recreation And Park District, Rancho Cordova, CA

- Facilitated effective communication between the Board and senior management teams.
- Engaged in continuous development of skills necessary for successful board leadership.
- Monitored progress towards achieving established goals and objectives.



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**SPECIAL DISTRICT NOMINATION**

***Special District Representative to LAFCo, Seat #7***

Position	Nominee's Name	Originating District
Vice-chair	Paul Lindsay	Florin Resource Conservation District

SIGNATURE OF PRESIDING OFFICER: \_\_\_\_\_

DocuSigned by:  
Tom Nelson

(Original Signature Required)

**Note:** *Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.*

PRINTED NAME OF PRESIDING OFFICER: Tom Nelson

(Required)

NAME OF NOMINATING DISTRICT: Florin Resource Conservation District

MINUTES ATTACHED (Optional): Yes ☐ No ☒

Attest:

DocuSigned by:

Stepani Phillips

District Secretary, Clerk or General Manager

**Nominations must be received by LAFCo before  
 5:00 p.m. on July 1, 2023**

**Return to:**

**Sacramento LAFCo  
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 Sacramento, CA 95814**

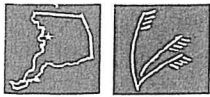
Paul Lindsay: Statement of Qualifications for Special District Commissioner for Office No. 7 on the Sacramento Local Agency Formation Commission

I currently serve as Vice Chair for the Florin Resource Conservation District (FRCD) which encompasses a good portion of southern Sacramento County. The District's work in recent years has been the provision of municipal water usage to roughly 40% of the city of Elk Grove.

Previously an Associate Director for the Florin Resource Conservation District, I was appointed to the Board to fill a vacancy and currently serve in my first full term. Retired after a 35-year career with the Social Security Administration, I worked in many different locations within California, from San Juan Capistrano to Yreka. During that time, I served in various positions, including Claims Specialist, Operations Supervisor, Area Systems Coordinator, and ultimately, District Manager. These positions required a thorough understanding of various laws and their application, IT systems, budgeting, and human resources.

My wife and I settled in Elk Grove in 1985 and I've been very involved in Civic matters since then. I've served on Sacramento County's Community Planning Advisory Commission for Elk Grove prior to its incorporation (and was heavily involved in several incorporation efforts) and was a charter member of the original Planning Commission for the City of Elk Grove, serving on it for more than seven years. I also chaired the East Elk Grove Specific Area Planning Advisory Group. Recently, I also served on the Sacramento County Grand Jury for two years (much of which was spent reviewing Special Districts, their operations, and practices). I served two years on the Cosumnes Community Service District's Landscape and Lighting Committee. During these different activities, I was able to interact with LAFCO on a variety of issues and gained an understanding of its responsibilities and duties.

I ask for your support for this position on LAFCO's Commission because I believe that I can bring a fresh perspective to the Commission and a willingness to listen, learn, and to represent Special District interests on the Commission.



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**SPECIAL DISTRICT NOMINATION**

**Special District Representative to LAFCo, Seat #7**

Position	Nominee's Name	Originating District
Special District Commissioner	Joanna McVay	North Highlands Recreation Park

SIGNATURE OF PRESIDING OFFICER:

Patrick B. Williams  
(Original Signature Required)

**Note:** Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.

PRINTED NAME OF PRESIDING OFFICER:

Patrick Williams  
(Required)

NAME OF NOMINATING DISTRICT:

North Highlands Recreation Park

MINUTES ATTACHED (Optional):

Yes ☐ No ☒

Attest:

[Signature]  
District Secretary, Clerk or General Manager

**Nominations must be received by LAFCo before  
5:00 p.m. on July 1, 2023**

**Return to:**

**Sacramento LAFCo  
1112 I Street, Suite 100  
Sacramento, CA 95814**

**Commissioners**

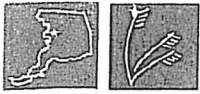
Sue Frost, Rich Desmond, County Members ■ Patrick Hume, Alternate  
Iva Walton, Sean Loloe, City Members ■ Jay Vandenburg, Katie Valenzuela, Alternates  
Chris Little, Public Member ■ Timothy Murphy, Alternate  
Lindsey Liebig, Gay Jones, Special District Members ■ Charlea Moore, Alternate

**Staff**

José C. Henríquez, Executive Officer ■ Desirae Fox, Policy Analyst  
Nancy Miller, DeeAnne Gillick, Commission Counsel







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**SPECIAL DISTRICT NOMINATION**

***Special District Representative to LAFCo, Seat #7***

Position	Nominee's Name	Originating District
<del>Trustee</del> Commissioner <i>A</i>	Edwin Perez	Reclamation District 1000

SIGNATURE OF PRESIDING OFFICER:

*Elena Lee Reeder*  
(Original Signature Required)

**Note:** *Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.*

PRINTED NAME OF PRESIDING OFFICER: Elena Lee Reeder

(Required)

NAME OF NOMINATING DISTRICT: Reclamation District 1000

MINUTES ATTACHED (Optional):

Yes ☐ No ☒

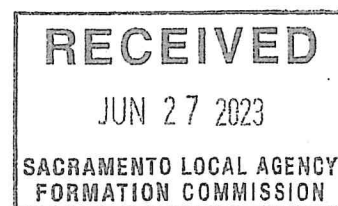
Attest:

*[Signature]*  
District Secretary, Clerk or General Manager

**Nominations must be received by LAFCO before  
5:00 p.m. on July 1, 2023**

**Return to:**

**Sacramento LAFCo  
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Sacramento, CA 95814**



**Commissioners**

*Sue Frost, Rich Desmond, County Members* ☐ *Patrick Hume, Alternate*  
*Iva Walton, Sean Loloee, City Members* ☐ *Jay Vandenburg, Katie Valenzuela, Alternates*

*Chris Little, Public Member* ☐ *Timothy Murphy, Alternate*

*Lindsey Liebig, Gay Jones, Special District Members* ☐ *Charlea Moore, Alternate*

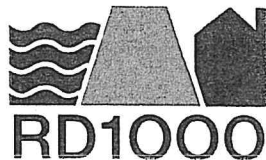
**Staff**

*José C. Henríquez, Executive Officer* ☐ *Desirae Fox, Policy Analyst*

*Nancy Miller, DeeAnne Gillick, Commission Counsel*



ED  
PEREZ  
T R U S T E E



#### CONTACT

---

PHONE:  
916-802-8053

WEBSITE:  
[www.RD1000.org](http://www.RD1000.org)

EMAIL:  
[EPerez@RD1000.org](mailto:EPerez@RD1000.org)

## STATEMENT OF QUALIFICATIONS

I am seeking a seat on the Sacramento LAFCO to leverage my years of professional experience in the areas of community engagement, organizational governance, and collaboration with various levels government to effectively represent special districts on the commission.

I was elected in 2022 as Trustee with Reclamation District 1000, the flood control agency for the Natomas Basin. In this brief period of time, I was able to leverage my extensive relationships with community members and organizations to help win voter approval of a stormwater service fee to fund much needed infrastructure maintenance and help ensure a flood-safe future for the Natomas Basin.

I have served as a City of Sacramento Commissioner, President of a 1,300 household homeowners association, board member of California's largest state employee organization, and served on the board of numerous community and non-profit organizations.

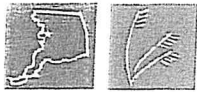
In these roles, I learned to value the input from concerned residents, the importance of collaborating with community partners, and the need to pay attention to details and also see the "big picture". These experiences have prepared me to serve on the LAFCO.

I would be honored to receive your vote and look forward to working with you.

Respectfully,

ED PEREZ

henriquezj @ SAC LAFCo  
org.



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SPECIAL DISTRICT NOMINATION

Special District Representative to LAFCo, Seat #7

Position	Nominee's Name	Originating District
SPECIAL DISTRICT COMMISSIONER	MICHAEL SEAMAN	Fulton El Camino REC + PARK DISTRICT

SIGNATURE OF PRESIDING OFFICER:

*Teresa Higgins*

(Original Signature Required)

Note: Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.

PRINTED NAME OF PRESIDING OFFICER:

Teresa Higgins, Board Chair  
(Required)

NAME OF NOMINATING DISTRICT: FULTON-EL CAMINO RECREATION + PARK DISTRICT

MINUTES ATTACHED (Optional):

Yes ☐ No ☒

Attest:

*Luana Lavallee*, District Secretary  
District Secretary, Clerk or General Manager

Nominations must be received by LAFCo before  
3:00 p.m. on July 1, 2023

Return to:

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Sacramento, CA 95814

**STATEMENT OF QUALIFICATIONS – MICHAEL J SEAMAN**  
for Sacramento Local Agency Formation Commission

Sacramento County resident and homeowner, 1978 - present  
Veteran, U.S. Navy Civil Engineer Corps  
Current Employment – Snowsports Instructor, Boreal Mountain Resort (winter seasonal)

**Academic experience**

- B. Architecture, University of California
- M. Urban Planning, San Jose State University
- M. Landscape Architecture/Environmental Planning, University of California
- Adjunct Professor, Sacramento State University (2 years)
- Adjunct Professor, National University (3 semesters)

**Governmental experience**

- Federal
  - Active and reserve service (9+ years)
  - Navy civilian employment after discharge (1 year)
- State
  - California civil service, 32 years across 6 agencies
  - Retired since 12/2009
- Local
  - County/Council of Governments staff experience in WA and OR (2+ years)
  - Member, City of Cannon Beach Design Review Board (1 year),
  - Board Member, Fulton-El Camino Recreation & Park District (28+ years – present)

**Association experience**

- American Institute of Architects
  - Associate Member (46 years)
  - Retired Associate AIA Emeritus (8 years - present)
- California Special Districts Association
  - Participant (28+ years - present),
  - Legislative Committee (4+ years),
  - Board Member (4 years)
- California Association of Recreation and Park Districts
  - Participant (28+ years - present)
  - Board Member (4+ years - present)
- Professional Ski Instructors of America/American Association of Snowboard Instructors
  - Member (34 years - present)
  - Certified Instructor – Nordic Track Skiing, Alpine Skiing, Snowboarding

**LAFCO Experience**

- Sacramento LAFCO Special Districts Advisory Committee (4 years)
- Applicant participation, Sacramento LAFCO City of Arden Arcade Measure D (11/2010)
- Observer via Advocates for Arden Arcade citizens' group and California (un)Incorporated coalition

*July 2023*



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**SPECIAL DISTRICT NOMINATION**

***Special District Representative to LAFCo, Seat #7***

Position	Nominee's Name	Originating District
Director	Robert "Bob" Wicher	Sac. Suburban Water Dist.

SIGNATURE OF PRESIDING OFFICER: 

(Original Signature Required)

**Note:** Presiding Officer is the Chair/President. Any other signature invalidates this ballot, unless accompanied by Meeting Minutes designating an alternate.

PRINTED NAME OF PRESIDING OFFICER: Jay Boatwright

(Required)

NAME OF NOMINATING DISTRICT: Sacramento Suburban Water District

MINUTES ATTACHED (Optional):

Yes ☐ No ☒

Attest:

  
District Secretary, Clerk or General Manager

**Nominations must be received by LAFCo before  
5:00 p.m. on July 1, 2023**

**Return to:**

**Sacramento LAFCo  
1112 I Street, Suite 100  
Sacramento, CA 95814**

**Commissioners**

Sue Frost, Rich Desmond, County Members ■ Patrick Hume, Alternate  
Iva Walton, Sean Loloe, City Members ■ Jay Vandenburg, Katie Valenzuela, Alternates  
Chris Little, Public Member ■ Timothy Murphy, Alternate  
Lindsey Liebig, Gay Jones, Special District Members ■ Charlea Moore, Alternate

**Staff**

José C. Henríquez, Executive Officer ■ Desirae Fox, Policy Analyst  
Nancy Miller, DeeAnne Gillick, Commission Counsel

## Robert P. "Bob" Wichert Qualifications For LAFCO

Lifelong resident of Sacramento County.

18 years employed by the Sacramento Municipal Utility District with frequent Board interactions and direction. Experience on hydroelectric power projects, and personally responsible for establishment of the first customer-choice all-renewable energy program in California, SMUD Greenergy ©.

Currently serving my third elected term on the Board of Directors of the Sacramento Suburban Water District including prior service as Board President.

Qualification as a Master's Candidate in Communication Studies at the California State University, Sacramento.

Five years as a member of the United Nations Sub-Committee of Experts on the Transport of Dangerous Goods.

Five years as a member of the International Civil Aviation Organization Dangerous Goods Panel.

Service as a writing member expert on Institute of Electrical and Electronics Engineers standards committees.

Service as a writing member expert on American Society of Mechanical Engineers codes and standards.

Service as a writing member expert on National Fire Protection Association codes and standards.

Fifteen years as a Professional Engineer in private practice, Robert P Wichert Professional Engineering, Inc.