

REGULAR MEETING OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS

Agenda

Tuesday, September 16, 2025

6:30 PM

9829 Waterman Road
Elk Grove, CA 95624

Compliance with Government Code Section 54957.5

Public records, including writings related to an agenda item for an open session of a regular meeting of the Florin Resources Conservation District that are distributed less than 72 hours before the meeting, are available by email request. In addition, such writings may be posted, whenever possible, on the Elk Grove Water District website at www.egwd.org. The Board will discuss all items on the agenda and may take action on any item listed as an "Action" item. The Board may discuss items that do not appear on the agenda but will not act on those items unless there is a need to take immediate action and the Board determines by a two-thirds (2/3) vote that the need for action arose after posting of the agenda. If necessary, the Meeting will be adjourned to Closed Session to discuss items on the agenda listed under "Closed Session." At the conclusion of the Closed Session, the meeting will reconvene to "Open Session."

CALL TO ORDER, ROLL CALL AND PLEDGE OF ALLEGIANCE

Public Comment

This is the opportunity for the public to comment on non-agenda items within the subject matter jurisdiction. Comments are limited to three (3) minutes.

Page Numbers

1. Proclamations and Announcements

Associate Director Comment

Public Comment

2. Consent Calendar

4-5

(Stefani Phillips, Board Secretary and Patrick Lee, Treasurer)

a. Minutes of Regular Meeting of August 19, 2025

6-8

b. Accounts Payable Check History – August 2025

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c. Board and Employee Expense/Reimbursements – August 2025

22

d. Active Accounts – August 2025

23

e. Bond Covenant Status for FY 2025-26 – August 2025

24

f. CASH - Detail Schedule of Investments – August 2025

25

g. Consultants Expenses – August 2025

26

h. Major Capital Improvement Projects – August 2025

27

Associate Director Comment

Public Comment

**Recommended Action/Information: Approve Florin Resource Conservation District
Consent Calendar items a – h.**

3. Year to Date Revenues and Expenses Compared to Budget – August 2025

(Patrick Lee, Finance Manager/Treasurer)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

4. Public Hearing – Public Health Goal Report

(Travis Franklin, Program Manager)

31-44

Associate Director Comment

Public Comment

Recommended Action/Information: 1. Hold a public hearing to receive public comment regarding the proposed acceptance of the “2025 Report on Water Quality Relative to Public Health Goals”; and

2. Accept the report pending public comments.

5. Renew Small Utility Enterprise License Agreement for ESRI GIS Software

(Ben Voelz, Associate Engineer)

45-55

Associate Director Comment

Public Comment

Recommended Action/Information: Authorize the General Manager to execute an agreement in the amount of \$90,600 to renew the Small Utility Enterprise License Agreement with ESRI for another three-year term.

6. Backflow and Cross-Connection Control Ordinance

(Bruce Kamilos, General Manager)

56-98

Associate Director Comment

Public Comment

Recommended Action/Information: Adopt Ordinance No. 09.16.25.01, repealing and replacing Ordinance No. 02.15.22.01 and updating backflow and cross-connection control regulations for the Elk Grove Water District.

7. Legislative Matters and Potential Direction to Staff

(Travis Franklin, Program Manager)

99-102

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

8. General Manager's Report

(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

9. Elk Grove Water District Operations Report – August 2025

105-150

(Bruce Kamilos, General Manager)

Associate Director Comment

Public Comment

Recommended Action/Information: Information only.

10. Directors Comments

Adjourn to Regular Meeting – October 21, 2025

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Stefani Phillips, Board Secretary and Patrick Lee, Treasurer

SUBJECT: **CONSENT CALENDAR**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors approve Florin Resource Conservation District Consent Calendar items a – h.

SUMMARY

Consent Calendar items a – h are standing items on the Regular Board Meeting agenda.

By this action, the Florin Resource Conservation District (FRCD) Board of Directors will approve FRCD Consent Calendar items a – h.

DISCUSSION

Background

Consent Calendar items are standing items on the Regular Board Meeting agenda.

Present Situation

Consent Calendar items a – h are standing items on the Regular Board Meeting agenda.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/Elk Grove Water District 2025-2030 Strategic Plan. The monthly Consent Calendar report provides transparency, which aligns with Goal No. 1 - Governance, of the Strategic Plan 2025-2030.

September 16, 2025

CONSENT CALENDAR

Page 2

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



STEFANI PHILLIPS
BOARD SECRETARY

And



PATRICK LEE
TREASURER

Attachments

**MINUTES OF THE REGULAR MEETING OF THE
FLORIN RESOURCE CONSERVATION DISTRICT
BOARD OF DIRECTORS**

Tuesday, August 19, 2025

The regular meeting of the Florin Resource Conservation District Board of Directors was called to order at 6:30 p.m. by Chair Tom Nelson at 9829 Waterman Road, Elk Grove, CA.

Call to Order, Roll Call, and Pledge of Allegiance.

Directors Present: Joshua Green, Paul Lindsay, Lisa Medina, Tom Nelson
Directors Absent: Elliot Mulberg
Staff Present: Bruce Kamilos, General Manager; Patrick Lee, Finance Manager/ Treasurer;
Stefani Phillips, Human Resources Administrator/Board Secretary; Donella
Murillo, Finance Supervisor; Travis Franklin, Program Manager; Ben Voelz,
Associate Engineer; Amber Kavert, Human Resources Technician
Staff Absent: None
Associate Directors Present: Robert Stresak,
Associate Directors Absent: Kim Martin
General Counsel Present: None
General Counsel Absent: Josh Horowitz, BKS Law

Public Comment

Nothing to report.

1. Proclamations and Announcements

Nothing to report.

Staff requested that Item 5. Reallocation of Fiscal Year 2025-26 Capital Improvement Program Project funds be withdrawn from the agenda.

MSC (Lindsay/Green) to withdraw Item 5. Reallocation of Fiscal Year 2025-26 Capital Improvement Program Project funds be withdrawn from the agenda. 3/0: Ayes: Nelson, Green, and Lindsay.

2. Consent Calendar

- a. Minutes of Regular Board Meeting of July 15, 2025
- b. Accounts Payable Check History – July 2025
- c. Board and Employee Expense/Reimbursements – July 2025
- d. Active Accounts – July 2025
- e. Bond Covenant Status for FY 2025-26 – July 2025
- f. CASH - Detail Schedule of Investments– July 2025
- g. Consultants Expenses – July 2025
- h. Major Capital Improvement Projects – July 2025

MSC (Lindsay/Green) to approve Florin Resource Conservation District Consent Calendar items a-h with amendments. 3/0: Ayes: Nelson, Green, and Lindsay.

3. Year to Date Revenues and Expenses Compared to Budget – July 2025

Finance Manager Patrick Lee presented the item to the Florin Resource Conservation District (FRCD) Board of Directors (Board).

Mr. Lee provided the Board with an overview of the new format for the Year-to-Date Revenues and Expenses Compared to Budget report.

Director Lisa Medina arrived.

4. Acceptance of Developer-Installed Infrastructure

Mr. Lee presented the item to the Board.

The FRCD owns and operates the Elk Grove Water District (EGWD). As part of the continued growth and development within the EGWD service area, water mains and associated public water infrastructure are installed by developers at the time new subdivisions are built. Once development has been completed, these developer-installed public water systems are turned over (i.e., donated) to the District for maintenance and operation and become part of the District's owned assets. In fiscal year 2024-25, there were two (2) projects completed by developers that were inspected and tested by District staff and determined to be in compliance with the District requirements for which Letter of Acceptances were issued. Those projects were: 1. Elliot Springs, Unit 2: Total Linear feet installed by developer: 6,938.67 linear feet; Project completed in February 2025; Estimated value to be capitalized: \$2,602,001 and 2. Elk Grove Landing: Total Linear feet installed by developer: 3689.95 linear feet; Project completed in March 2025; Estimated value to be capitalized: \$1,383,731.

The estimated value to be capitalized was calculated using the dollar per linear feet cost for the Grove Street Watermain Replacement Project completed in-house by the District's Utility Division at a cost of approximately \$375 per linear feet. This methodology of utilizing in-house installed costs was approved by the auditors and deemed to be an appropriate estimate.

MSC (Lindsay/Medina) to approve the acceptance of developer installed infrastructure that were donated to the District in fiscal year 2024-25 as District-owned and operated assets. 4/0: Ayes: Nelson, Green, Lindsay and Medina.

6. General Manager's Report

Mr. Kamilos presented the General Manager's Report to the Board before turning it over to staff to provide information on the items presented in the report.

Mr. Kamilos provided a brief update on how the Municipal Services Review (MSR) update is going. Staff is aiming to have the MSR complete and turned into Sacramento Local Agency Formation Commission for review by the end of the month.

Mr. Lee provided an update on the Enterprise Resource Planning Implementation for the Payroll module. He explained that the next payroll will be run in parallel, with staff processing payroll in both the old software and the new Springbrook module to ensure the results match. After the Payroll module is complete, staff will be moving into the Utility Billing module.

Mr. Kamilos informed the Board that through the Payroll module update, staff discovered there are changes that need to be made in how the District calculates overtime to ensure compliance with the Fair Labor Standards Act. Staff will do a true-up for the last three (3) years to comply and then moving forward the new Springbrook software will automatically calculate overtime correctly.

Director Joshua Green asked whether the true-up will include former employees. Staff confirmed that two (2) former employees are potentially affected and will be included.

Lastly, Mr. Kamilos discussed the water contamination scam that was circulating the District at the beginning of August and how it was handled.

7. Elk Grove Water District Operations Report – June 2025

Mr. Kamilos provided the EGWD Operations Report for July 2025.

Mr. Kamilos provided an overview of the Backflow and Cross Connection Control Program requirements for the District. He noted that staff is developing the District's Backflow and Cross Connection Control Program and will present an Ordinance referencing the document to the Board at a later meeting. Discussion followed.

8. Directors Comments

Director Green expressed his appreciation to Mr. Kamilos for his quickness in reacting to the water contamination scam.

The Board thanked staff for their hard work.

Adjourn to Regular Board Meeting on September 16, 2025.

Respectfully submitted,



Stefani Phillips, Board Secretary

AK/SP

Accounts Payable

Checks by Date - Detail by Check Date

08/01/2025 - 08/31/2025



Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
63072	10003 12411314	Air Works Inc HVAC Maintenance- MOC	08/06/2025	270.00
Total for Check Number 63072:				270.00
63073	10455 5077529-CVRK_EG	Alpha Analytical Laboratories, Inc Sampling-Treatment	08/06/2025	20.00
Total for Check Number 63073:				20.00
63074	10005 14VL-4D7T-KP9Y IF3X-DLNX-C3RC 1PXM-RQ4M-6W1R 1T16-GTK7-LX63	Amazon Capital Services Supplies - Distribution Computer Equipment - Distribution Tools - Treatment Equipment Keys- Utility	08/06/2025	103.06 70.66 524.72 19.55
Total for Check Number 63074:				717.99
63075	10224 BPI536828	Brenntag Pacific, Inc Materials- Treatment	08/06/2025	4,079.21
Total for Check Number 63075:				4,079.21
63076	10014 SI03741 SI03751 SI03754 SI03755 SI03756 SI03874 SI03875 SI03880 SI03887 SI04037 SI04064 SI04066 SI04140 SI04141 SI04142 SI04143 SI04144 SI04145 SI04264 SI04265 SI04282	BSK Associates Sampling - Treatment Sampling - Treatment	08/06/2025	228.00 36.00 36.00 36.00 36.00 36.00 228.00 36.00 71.00 810.00 228.00 36.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00 71.00
Total for Check Number 63076:				2,456.00
63077	10024 July 2025	Card Services CSDA Conference	08/06/2025	890.00

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	July 2025	County Recorder Fee		152.50
	July 2025	Meals		96.62
	July 2025	Software Subscriptions		57.36
Total for Check Number 63077:				1,196.48
63078	10025	Card Services	08/06/2025	
	July 2025	Software Program		40.00
	July 2025	Conference		1,131.64
Total for Check Number 63078:				1,171.64
63079	10028	Card Services	08/06/2025	
	July 2025	Employee Recognition- Annual BBQ		50.84
	July 2025	Software Programs		56.21
	July 2025	Supplies - Admin		65.17
Total for Check Number 63079:				172.22
63080	10030	Card Services	08/06/2025	
	July 2025	Employee Recognition		50.91
	July 2025	Software Subscription		20.00
	July 2025	Office of Water Programs		199.75
Total for Check Number 63080:				270.66
63081	10031	Card Services	08/06/2025	
	July 2025	Software Program		20.00
	July 2025	Landscape Supply		2.90
	July 2025	Flyer Design		155.25
Total for Check Number 63081:				178.15
63082	10032	Card Services	08/06/2025	
	July 2025	Certification Fee		345.00
Total for Check Number 63082:				345.00
63083	10418	Card Services	08/06/2025	
	July 2025	Materials		41.64
	July 2025	Tools		12.98
	July 2025	Tools		327.86
Total for Check Number 63083:				382.48
63084	10033	CB&T/ ACWA-JPIA	08/06/2025	
	706759	Medical - Treatment		7,265.44
	706759	EAP - HR		7.44
	706759	Dental/Vision/Life - Utility		5.16
	706759	Withholdings Payable		0.00
	706759	Dental/Vision/Life -Finance		2.10
	706759	Withholdings Payable		0.00
	706759	Withholdings Payable		0.00
	706759	EAP - Distribution		14.88
	706759	Withholdings Payable		0.00
	706759	Retirement Benefits		8,025.27
	706759	Dental/Vision/Life - PM		169.67
	706759	Dental/Vision/Life - Tech Svcs		1.82
	706759	Medical - PM		2,102.54
	706759	Withholdings Payable		0.00
	706759	Withholdings Payable		0.00
	706759	Medical - Utility		15,872.32

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
706759		Dental/Vision/Life - Distribution		1,154.45
706759		EAP - Utility		19.84
706759		EAP - Finance		12.40
706759		Medical HR		5,477.40
706759		Dental/Vision/Life - Treatment		583.02
706759		EAP - Tech Svcs		4.96
706759		Medical - GM		2,601.08
706759		Withholdings Payable		27.14
706759		Withholdings Payable		0.00
706759		Medical - Tech Svcs		0.00
706759		EAP - GM		2.48
706759		Dental/Vision/Life - Finance		808.72
706759		Dental/Vision/Life - Admin		186.50
706759		Medical - Distributino		14,550.51
706759		Medical - Finance		8,403.69
706759		Dental/Vision/Life -HR		3.24
706759		Dental/Vision/Life - Tech Svcs		181.97
706759		Dental/Vision/Life - GM		255.67
706759		Retirement Benefits		-3,714.32
706759		Dental/Vision/Life - Distribution		4.20
706759		Dental/Vision/Life - HR		526.20
706759		Medical - Tech Svcs		2,650.57
706759		EAP - Treatment		7.44
706759		Dental/Vision/Life - Utility		1,194.86
706759		EAP - PM		2.48
706759		Withholdings Payable		27.14
Total for Check Number 63084:				68,438.28
63085	10036 4238555419	Cintas Clothing-OPS	08/06/2025	182.64
Total for Check Number 63085:				182.64
63086	10258 1000270786 1000270790	Coverall North America, Inc Janitorial Services - Admin Janitorial Services - MOC	08/06/2025	1,050.00 499.00
Total for Check Number 63086:				1,549.00
63087	10052 DP2503905 DP2503905 DP2503905	Dataprose LLC Postage Bill Insert - CCR Bill Printing	08/06/2025	5,536.81 143.40 1,850.57
Total for Check Number 63087:				7,530.78
63088	10053 August 2025	DB Constructional Landscape Landscape Maintenance	08/06/2025	3,360.00
Total for Check Number 63088:				3,360.00
63089	10072 32372	Forensic Analytical Consulting Employee Training	08/06/2025	3,274.30
Total for Check Number 63089:				3,274.30
63090	10126 0610660423	Pace Supply Corp Materials - Distribution	08/06/2025	714.06
Total for Check Number 63090:				714.06

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
63091	10144 0922-009658805	Republic Services #922 Garbage Service - Admin	08/06/2025	654.58
Total for Check Number 63091:				654.58
63092	10145 27827 27893	Rooco Rents WMRP-Lark St WMRP-Lark St	08/06/2025	3,021.75 1,309.94
Total for Check Number 63092:				4,331.69
63093	10149 20120323 PG0820	Sacramento County Clerk/Recorder Lien#429	08/06/2025	20.00
Total for Check Number 63093:				20.00
63094	10149 20140311 PG1086	Sacramento County Clerk/Recorder Lien#612	08/06/2025	20.00
Total for Check Number 63094:				20.00
63095	10149 2025718 PG#0693	Sacramento County Clerk/Recorder Lien#1264	08/06/2025	20.00
Total for Check Number 63095:				20.00
63096	10150 June 2025	Sacramento County Utilities Sewer Service - MOC	08/06/2025	1,763.98
Total for Check Number 63096:				1,763.98
63097	10159 157339	Sierra Chemical Company Chemicals-Treatment	08/06/2025	2,964.00
Total for Check Number 63097:				2,964.00
63098	10161 1202265 7/2025	SMUD Electricity- 10113 Hampton Oak Dr	08/06/2025	8,747.90
Total for Check Number 63098:				8,747.90
63099	10161 185955 7/2025	SMUD Electricity- Ranch Park/Kelsey Dr	08/06/2025	1,920.39
Total for Check Number 63099:				1,920.39
63100	10161 2839116 7/2025	SMUD Electricity- 9818 Dino Dr	08/06/2025	13,746.92
Total for Check Number 63100:				13,746.92
63101	10161 2933501 7/2025	SMUD Electricity- 9715 Railroad St	08/06/2025	18,977.45
Total for Check Number 63101:				18,977.45
63102	10161 3548843 7/2025	SMUD Electricity- 9085 Elk Grove Blvd	08/06/2025	3,368.65
Total for Check Number 63102:				3,368.65
63103	10161 3793 7/2025	SMUD Electricity- 8840 Elk Way	08/06/2025	40.30

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 63103:	40.30
63104	10161 59633 7/2025	SMUD Electricity- 9205 Meadow Grove Dr	08/06/2025	10,335.40
			Total for Check Number 63104:	10,335.40
63105	10161 6034535 7/2025	SMUD Electricity- 9035 Polhemus Dr	08/06/2025	3,741.47
			Total for Check Number 63105:	3,741.47
63106	10161 6860502 7/2025	SMUD Electricity- 9829 Waterman Rd	08/06/2025	906.36
			Total for Check Number 63106:	906.36
63107	10163 2325	Solutions by BG Inc. IT Services	08/06/2025	6,445.38
			Total for Check Number 63107:	6,445.38
63108	10379 711707212025	Southwest Answering Service, Inc Answering Service	08/06/2025	830.35
			Total for Check Number 63108:	830.35
63109	10167 Op#43915	SWRCB-DWOCP T2 Renewal - Brandon Kent	08/06/2025	60.00
			Total for Check Number 63109:	60.00
63110	10173 9000672502	The Permanente Medical Group DOT Exam - J. Mendoza	08/06/2025	115.00
			Total for Check Number 63110:	115.00
63111	10176 5035286171	Toshiba Financial Services Equipment Rental - Admin	08/06/2025	323.88
			Total for Check Number 63111:	323.88
63112	10193 50032491575 50032491575	White Cap L.P. Safety Supplies - Utility Tools - Utility	08/06/2025	216.38 140.34
			Total for Check Number 63112:	356.72
			Total for 8/6/2025:	175,999.31
63113	10002 095105	AFLAC Supplemental Benefits	08/20/2025	927.98
			Total for Check Number 63113:	927.98
63114	10005 19MQ-LX6P-L6D4	Amazon Capital Services Supplies-Admin	08/20/2025	172.91
			Total for Check Number 63114:	172.91
63115	10211	Aqua-Metric Sales, Co.	08/20/2025	

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	INV0109593	Meters - Distribution		10,207.51
			Total for Check Number 63115:	10,207.51
63116	10215 CR-91	Arrow Construction Refund- Permit #531	08/20/2025	1,739.70
			Total for Check Number 63116:	1,739.70
63117	10013 1102600	Benefit Resources Administrative Services - HR	08/20/2025	175.00
			Total for Check Number 63117:	175.00
63118	10014 SI04129 SI04197 SI04455 SI04456 SI04457	BSK Associates Sampling - Treatment Sampling - Treatment Sampling - Treatment Sampling - Treatment Sampling - Treatment	08/20/2025	52.00 228.00 71.00 71.00 71.00
			Total for Check Number 63118:	493.00
63119	10438 INV3640	Capacity Chemical LLC Chemicals- Treatment	08/20/2025	6,851.25
			Total for Check Number 63119:	6,851.25
63120	10022 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025	Card Services Employee Certifications- Repairs & Maintenance- Auto Employee Training Software Subscription Tools - Utility Repairs & Maintenance- Auto Supplies - Utility Summer BBQ Software Program Materials - Utility	08/20/2025	399.50 135.72 220.00 20.00 1,015.96 7.94 110.29 570.67 34.99 213.20
			Total for Check Number 63120:	2,728.27
63121	10023 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025 July 2025	Card Services Materials- Cellular antenna Tools Tools Materials- Cellular antenna Software Subscription Tools Software Subscription Materials- Cellular antenna Materials- Cellular antenna	08/20/2025	92.24 21.53 28.72 18.81 20.00 43.08 87.82 119.83 83.03
			Total for Check Number 63121:	515.06
63122	10026 July 2025 July 2025	Card Services Repairs & Maintenance - Auto Repairs & Maintenance - Equipment	08/20/2025	546.96 911.67
			Total for Check Number 63122:	1,458.63
63123	10027	Card Services	08/20/2025	

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	July 2025	Supplies- Distribution		31.52
	July 2025	Tools - Distribution		439.32
	July 2025	Tools- Distribution		150.71
	July 2025	Tools - Distribution		288.57
	July 2025	Summer BBQ		821.46
	July 2025	Bike Repairs		42.61
	July 2025	Tools - Distribution		564.39
	July 2025	Materials - Rancho Dr Repair		21.66
	July 2025	Tools - Distribution		705.79
	July 2025	Tools - Distribution		325.16
	July 2025	Tools- Distribution		325.16
Total for Check Number 63123:				3,716.35
63124	10029	Card Services	08/20/2025	
	July 2025	Meter Testing Equipment		60.10
	July 2025	Supplies - Distribution		76.10
	July 2025	Software Subscription		20.00
Total for Check Number 63124:				156.20
63125	10238 28390	Check Processors, Inc Bank Charges- Admin	08/20/2025	
Total for Check Number 63125:				287.60
63126	10416 14502401-00	Chicago Title Co. Clsd Acct - 9329 Mainline Dr	08/20/2025	
Total for Check Number 63126:				108.59
63127	10036 4239266355	Cintas Uniforms - OPS	08/20/2025	
Total for Check Number 63127:				182.64
63128	10040	Consolidated Communications	08/20/2025	
	July 2025	Phone/Internet - Admin		878.40
	July 2025	Phone/Internet - MOC		878.41
Total for Check Number 63128:				1,756.81
63129	10511 1001577.038	Cosumnes Community Services District Giant Pumpkin Festival Fee	08/20/2025	
Total for Check Number 63129:				300.00
63130	10517 1671500100 8/25	Davinder Singh Act Acct - 9490 Rhone Valley Wy	08/20/2025	
Total for Check Number 63130:				330.03
63131	10512 10827665530 10827665530	Dell Marketing L.P. Desktop Purchase- Utility Desktop Purchase-Tech Services	08/20/2025	
Total for Check Number 63131:				4,600.42
63132	10512 10829800511	Dell Marketing L.P. Laptop Purchase	08/20/2025	
Total for Check Number 63132:				3,701.81

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
63133	10267 INV103669	Delphia Consulting, LLC Consulting- HR	08/20/2025	300.00
Total for Check Number 63133:				300.00
63134	10055 SI705987	DLT Solutions Autocard- Tech Services	08/20/2025	3,988.14
Total for Check Number 63134:				3,988.14
63135	10449 09501700-02	Fidelity National Title Clsd Acct- 9763 Falcon Meadow Dr	08/20/2025	174.77
Total for Check Number 63135:				174.77
63136	10469 13205301-00	Fidelity National Title Comany Clsd Acct - 9577 Arcada Ct	08/20/2025	2.84
Total for Check Number 63136:				2.84
63137	10458 08805900-00	First American Title Company Clsd Acct - 9068 Langshire Ct	08/20/2025	24.22
Total for Check Number 63137:				24.22
63138	10516 08303700-01	FIXZYN Inc Clsd Acct - 9638 Gruwell Way	08/20/2025	77.76
Total for Check Number 63138:				77.76
63139	10105 301223	Liebert Cassidy Whitmore Legal Services	08/20/2025	2,053.50
Total for Check Number 63139:				2,053.50
63140	10110 104365	Metro Mailing Service Printing - Water Drop	08/20/2025	3,536.75
Total for Check Number 63140:				3,536.75
63141	10514 04409902-00	Old Republic Title Company Clsd Acct - 9296 Los Torres Dr	08/20/2025	2.61
Total for Check Number 63141:				2.61
63142	10515 08303700-01	Old Republic Title Company Clsd Acct - 9638 Gruwell Way	08/20/2025	5.93
Total for Check Number 63142:				5.93
63143	10127 August 2025	Pacific Gas & Electric Company Natural Gas - Admin	08/20/2025	34.03
Total for Check Number 63143:				34.03
63144	10513 0450020100 8/25	Paul Goetz Act Acct - 8753 Williamson Dr	08/20/2025	370.93
Total for Check Number 63144:				370.93
63145	10510 R 012429827	Peter Thomas Refund of Overpayment-Aflac	08/20/2025	103.46

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 63145:	103.46
63146	10144 0922-009659845	Republic Services #922 Sewer/Garbage - MOC	08/20/2025	2,685.41
			Total for Check Number 63146:	2,685.41
63147	10145 27907	Rooco Rents WMRP - Lark St	08/20/2025	830.89
			Total for Check Number 63147:	830.89
63148	10159 157567	Sierra Chemical Company Chemicals - Treatment	08/20/2025	1,504.80
			Total for Check Number 63148:	1,504.80
63149	10160 3985120-0	Sierra Office Supplies Supplies - Admin	08/20/2025	298.35
			Total for Check Number 63149:	298.35
63150	10163 2328	Solutions by BG Inc. Contracted Services - IT	08/20/2025	10,855.20
			Total for Check Number 63150:	10,855.20
63151	10445 16005202-02	Title Forward of California, Inc Clsd Acct - 9408 Riverbend Ct	08/20/2025	72.60
			Total for Check Number 63151:	72.60
			Total for 8/20/2025:	67,331.95
63152	10003 12410887 12411355	Air Works Inc HVAC Maintenance- MOC HVAC Repair- MOC	08/27/2025	270.00 4,227.00
			Total for Check Number 63152:	4,497.00
63153	10455 5086866CVRK_EGW	Alpha Analytical Laboratories, Inc Sampling- Treatment	08/27/2025	50.00
			Total for Check Number 63153:	50.00
63154	10522 10310701-00	AOK Trust Clsd Acct - 8917 Ashwell Way	08/27/2025	34.04
			Total for Check Number 63154:	34.04
63155	10454 149097	Area Portable Services, Inc Equipment Rental- Utility	08/27/2025	633.77
			Total for Check Number 63155:	633.77
63156	10008 11016 11017 11053 11054	Auto Solutions By Single Auto Maintenance/Repair - Treatment Auto Maintenance/Repair - Treatment Auto Maintenance/Repair - Utility Auto Maintenance/Repair - Utility	08/27/2025	1,248.79 689.38 257.06 579.61

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	11075	Auto Maintenance/Repair - Treatment		1,328.35
			Total for Check Number 63156:	4,103.19
63157	10525 13125800-00	Barbara Gallimore Clsd Acct - 9523 Clark Farms Dr	08/27/2025	209.25
			Total for Check Number 63157:	209.25
63158	10012 22359857	Bay Alarm Company Security Monitoring - OPS	08/27/2025	2,406.09
			Total for Check Number 63158:	2,406.09
63159	10014 S104506 S104657 S104658	BSK Associates Sampling- Treatment Sampling- Treatment Sampling- Treatment	08/27/2025	52.00 228.00 40.00
			Total for Check Number 63159:	320.00
63160	10034 69994	CCPPM Printing - Admin	08/27/2025	422.49
			Total for Check Number 63160:	422.49
63161	10036 4240006517 4240707446 5288487205 5288487206	Cintas Uniforms - OPS Uniforms - OPS Medicine Cabinet - Admin Medicine Cabinet - MOC	08/27/2025	182.64 182.64 172.40 222.26
			Total for Check Number 63161:	759.94
63162	10048 IN651879	County of Sacramento Permit -9457 Ranch Park Dr	08/27/2025	683.00
			Total for Check Number 63162:	683.00
63163	10048 IN652185	County of Sacramento Permit -10113 Hampton Oak Dr	08/27/2025	878.00
			Total for Check Number 63163:	878.00
63164	10048 IN652275	County of Sacramento Permit -9035 Polhemus Dr	08/27/2025	683.00
			Total for Check Number 63164:	683.00
63165	10048 IN652394	County of Sacramento Permit -9715 Railroad St	08/27/2025	683.00
			Total for Check Number 63165:	683.00
63166	10523 04004701-00	Dana Julian Clsd Acct - 8796 Los Banos Way	08/27/2025	38.63
			Total for Check Number 63166:	38.63
63167	10521 00112201-10	Danielle Salinger Clsd Acct - 9564 Kent St	08/27/2025	3.02

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 63167:	3.02
63168	10526 21915633	Dignity Health Med Fdtn - Sacramento Physical DOT - D. Frederick	08/27/2025	108.00
			Total for Check Number 63168:	108.00
63169	10058 11100531054	DocuSign Inc. Software Programs	08/27/2025	3,076.16
			Total for Check Number 63169:	3,076.16
63170	10520 14240801-01	Fidelity National Title Clsd Acct - 9328 Hambley Cir	08/27/2025	15.14
			Total for Check Number 63170:	15.14
63171	10487 03100400-01	First American Title Co. Clsd Acct - 8973-8975 El Mirador Dr	08/27/2025	117.77
			Total for Check Number 63171:	117.77
63172	10086 U2516031724 U2516033445	Iconix Waterworks (US) Inc. Materials - Distribution Materials - Distribution	08/27/2025	5,576.17 4,657.26
			Total for Check Number 63172:	10,233.43
63173	10087 PI-085526	Industrial Electric Co.Inc Infrared Inspection - Treatment	08/27/2025	6,960.00
			Total for Check Number 63173:	6,960.00
63174	10427 1840070100 Aug 2025	Jinky Dolar Act Acct - 9242 Almond Willow Way	08/27/2025	492.47
			Total for Check Number 63174:	492.47
63175	10519 0010470000 Aug 2025	Jody Brown Act Acct- 9148 Locust St	08/27/2025	651.41
			Total for Check Number 63175:	651.41
63176	10507 19510279-00	KB Homes Sacramento Clsd Acct - 8829 J Sheehan St	08/27/2025	66.61
			Total for Check Number 63176:	66.61
63177	10337 INV7868	OW Investors, LLC Tool for Meter Testing- Distribution	08/27/2025	332.39
			Total for Check Number 63177:	332.39
63178	10126 0610662273 0610685249 0610713510	Pace Supply Corp Materials - Distribution Materials - Utility WMRP- Meadow Grove Dr - Utility	08/27/2025	891.55 1,593.36 37,578.05
			Total for Check Number 63178:	40,062.96
63179	10139 30032988	Radial Tire of Elk Grove Auto Repair/Maintenance- Distribution	08/27/2025	403.52

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
			Total for Check Number 63179:	403.52
63180	10524 03100400-01	Realty Roundup, Inc Clsd Acct - 8973-8975 El Mirador Dr	08/27/2025	19.02
			Total for Check Number 63180:	19.02
63181	10468 0011470400 Aug 2025	Rhonda Phillips Act Acct- 9167 Grove St	08/27/2025	373.21
			Total for Check Number 63181:	373.21
63182	10145 27979 28015 28047	Rooco Rents WMRP -Lark St - Utility WMRP -Lark St - Utility WMRP -Lark St - Utility	08/27/2025	1,863.17 535.56 1,954.33
			Total for Check Number 63182:	4,353.06
63183	10149 #20250122 PG#1078	Sacramento County Clerk/Recorder Release of Lien #1252	08/27/2025	20.00
			Total for Check Number 63183:	20.00
63184	10149 #20250811 PG#0978	Sacramento County Clerk/Recorder Release of Lien #1267	08/27/2025	20.00
			Total for Check Number 63184:	20.00
63185	10150 July- Sept 2025	Sacramento County Utilities Sewer/Garbage - Admin	08/27/2025	351.60
			Total for Check Number 63185:	351.60
63186	10160 3987919-0	Sierra Office Supplies Supplies - Admin	08/27/2025	841.64
			Total for Check Number 63186:	841.64
63187	10379 711708212025	Southwest Answering Service, Inc Answering Service	08/27/2025	907.65
			Total for Check Number 63187:	907.65
63188	10170 10721755 10753267	Teichert Aggregates WMRP - Lark St - Utility WMRP - Lark St - Utility	08/27/2025	1,108.91 1,244.95
			Total for Check Number 63188:	2,353.86
63189	10173 9000987977	The Permanente Medical Group Physical DOT - C. Phillips	08/27/2025	115.00
			Total for Check Number 63189:	115.00
63190	10178 TT083995-009 TT085676-004	Trench & Traffic Supply WMRP- Lark St- Utility WMRP- Lark St- Utility	08/27/2025	381.72 453.85
			Total for Check Number 63190:	835.57
63191	10192	Wex Bank	08/27/2025	

Check No	Vendor No Invoice No	Vendor Name Description	Check Date Reference	Check Amount
	106852124	Fuel- Utility		939.94
	106852124	Fuel- Adjustments		34.18
	106852124	Fuel- Treatment		573.53
	106852124	Fuel- Distribution		2,513.97
Total for Check Number 63191:				4,061.62
Total for 8/27/2025:				93,176.51
Report Total (120 checks):				336,507.77

BOARD AND EMPLOYEE MONTHLY EXPENSE/REIMBURSEMENTS

As of 08/31/2025

INDIVIDUAL	DESCRIPTION	AMOUNT PAID
Dave Frederick	Physical DOT	\$108.00
Gabriel Guerrero	Water Academy Training	\$220.00
Brandon Kent	Office of Water Programs - Small Water System Operations and Maintenance	\$199.75
Richard Ko	ESRI Conference - Hotel	\$1,131.64
Justin Mello	Office of Water Programs - Small Water System Operations and Maintenance	\$199.75
Jose Mendoza	Physical DOT	\$115.00
Sal Mendoza	Office of Water Programs - Small Water System Operations and Maintenance	\$199.75
Elliot Mulberg	CSDA 2025 Annual Conference	\$890.00
Chris Phillips	Physical DOT	\$115.00
		\$3,178.89

Active Account Information
As of 08/31/2025

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	12,564	12,556										
Commercial	356	355										
Irrigation	190	189										
Fire Service	191	191										
Total Accounts	13,301	13,291	-	-	-	-	-	-	-	-	-	-

Active Account Information
FY 2024/2025

	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE
Water Accounts:												
Metered												
Residential	12,421	12,444	12,441	12,444	12,443	12,445	12,465	12,483	12,518	12,522	12,525	12,552
Commercial	359	360	360	359	358	358	358	356	356	356	354	356
Irrigation	190	191	190	190	190	190	190	190	190	190	190	190
Fire Service	191	192	191	192	191	191	192	191	191	191	191	192
Total Accounts	13,161	13,187	13,182	13,185	13,182	13,184	13,205	13,220	13,255	13,259	13,260	13,290

**Bond Covenant Status
For Fiscal Year 2025-26
As of 08/31/2025**

Operating Revenues:	
Charges for Services	\$ 3,815,661
 Operating Expenses:	
Salaries & Benefits	926,288
Seminars, Conventions and Travel	2,768
Office & Operational	313,833
Purchased Water	852,221
Outside Services	115,140
Equipment Rent, Taxes, and Utilities	71,131
Total Operating Expenses	2,281,381
 Net Operating Income	 \$ 1,534,280
 Annual Interest & Principal Payments	
\$3,941,503	\$ 656,917 ⁽¹⁾
 Debt Service Coverage Ratio, YTD Only:	 2.34
 Required	 1.15

Notes

⁽¹⁾ Reflects budget divided by number of months year to date.
However, first Principal/Interest Payments made in September.
Projected Annual Budget Coverage Ratio is

1.51

**CASH - Detail Schedule of Investments
As of 08/31/2025**

<u>G/L Account - Fund</u>	<u>Account number / name</u>	<u>Investment Name</u>	<u>Investment Type</u>	<u>Restrictions</u>	<u>Market Value</u>
HELD BY BOND TRUSTEE:					
1110-000-20 Water	BNY 892744 FRCD 2014A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	3,462,089.35
1112-000-20 Water	BNY 743850 FRCD 2016A DEBT SERVICE	Dreyfus Inst Treasury	MM Mutual Fund	Restricted	0.00
				Subtotal	\$ 3,462,089.35
1001-000-20 Water	Cash on Hand			Unrestricted	\$ 300.00

HELD BY F&M BANK:

1011-000-20 Water	F&M 08-032017-01 OPERATING ACCOUNT			Unrestricted	892,197.09
1084-000-20 Water	F&M 08-03201702-31 MONEY MARKET		2.53%	Unrestricted	1,177,604.10
1031-000-20 Water	F&M 08-032912-01 CREDIT CARD ACCOUNT			Unrestricted	328,600.72
1061-000-20 Water	F&M 08-032890-01 PAYROLL ACCOUNT			Unrestricted	324,593.88
1071-000-20 Water	F&M 08-032920-01 DRAFTS ACCOUNT			Unrestricted	2,697.55
				Subtotal	\$ 2,725,693.34

INVESTMENTS

1080-000-20 Water	Office of the Treasurer - Sacramento California	LAIF	Investment Pool	4.26%	Unrestricted	\$ 7,176,461.09
1081-000-20 Water	CALTrust Medium Term		Investment	2.04%	Unrestricted	\$ 1,510,671.28

<u>PURCHASE DATE</u>	<u>CUSIP</u>	<u>ISSUED BY</u>	<u>CALL DATE</u>	<u>MATURITY DATE</u>	<u>% of Portfolio</u>	<u>Current Yield</u>	<u>COST BASIS</u>	<u>MARKET VALUE</u>
9/30/2016	N/A	US Bank	N/A	N/A	4.00%	4.17%	\$ 167,806.64	\$ 167,806.64
11/19/2020	3135GA5H0	FNMA	07/10/20 - qtrly	11/25/2025	23.90%	0.580%	\$ 1,000,000.00	991,650.00
7/29/2021	3133EMT36	Federal Farm Credit Bks	04/15/26 - qtrly	4/15/2026	23.70%	0.890%	\$ 1,000,000.00	980,640.00
8/11/2025	333ETST5	Federal Farm Credit Bks	8/11/2026 - cont	8/11/2027	24.10%	3.98%	\$ 1,000,000.00	999,340.00
8/8/2025	3130B5K64	Federal Home Loan Bks	noncallable	3/10/2027	24.20%	4.00%	\$ 1,000,000.00	1,004,110.00
							\$ 4,167,806.64	\$ 4,143,546.64

YTM = Yield to Maturity
qtrly = quarterly
cont. = continuous

Total	\$ 19,018,761.70
Total Restricted	\$ 3,462,089.35
Total Unrestricted	\$ 15,556,672.35

<u>Call Date</u>	<u>CUSIP</u>	<u>Issued by:</u>	<u>Call Date</u>	<u>Maturity Date</u>	<u>Interest Rate</u>	<u>YTM</u>	<u>Price</u>	<u>Market Value</u>
							\$ -	\$ -

Authorized Signers

Bruce Kamilos
Patrick Lee
Donella Murillo
Stefani Phillips

\$ -

Consultant Expenses
As of 08/31/2025

Fiscal Retainer Contracts

	Description	Total Contract	Current Month	Paid to date	2025-2026 FY Budget	Percent of year (16.67%)
BKS Law Firm, PC	Task orders	TBD	\$ -	\$ -		
Liebert Cassidy Whitmore	Task orders	TBD	\$ 2,054	\$ 3,522		
	Total			\$ 3,522	\$ 120,000	2.94%
Solutions by BG, Inc.	Task orders		\$ 17,301	\$ 30,387	\$ 220,500	13.78%

Major Contracts

Consultant	Description	Total Contract	Paid to date	2023-2024 FY Budget	Percent of Contract Amount
	PSA		\$ -		#DIV/0!
	PSA		\$ -		#DIV/0!
	PSA		\$ -		#DIV/0!

**Major Capital Improvement Project
Budget vs Actuals
As of 08/31/2025**

Capital Project	Total Project Budget	Total		Capitalized Labor	Fund Type	Project Type	2025-26 Budget	August		YTD % Spent	% of Project Complete
		Project Exp to Date	Percent Spent					Project Exp	Total YTD ⁽¹⁾		
Eisenbeisz Street Watermain	\$ 412,000	\$ 287,449	69.77%	45,236	R&R	Supply/Distribution	\$ 186,000	\$ 45,349	\$ 61,646	33.14%	90%
EG Florin Frontage Rd	721,000	15,022	2.08%	-	R&R	Supply/Distribution	721,000	-	15,022	2.08%	0%
Meadow Grove Drive Watermain	269,000	43,761	16.27%	-	R&R	Supply/Distribution	269,000	37,578	43,761	16.27%	20%
City of EG Streetscape	70,000	-	0.00%	-	R&R	Supply/Distribution	70,000	-	-	0.00%	0%
ERP System	235,986	85,986	36.44%	-	R&R	Building and Site	150,000	-	38,393	25.60%	45%
Truck Replacement	120,000	100,555	83.80%	-	R&R	Building and Site	120,000	-	100,555	83.80%	100%
Vactor Trailor Replacement	175,000	-	0.00%	-	R&R	Building and Site	175,000	-	-	0.00%	0%
PLC - RRWTP Main Panel	800,000	547	0.07%	-	R&R	Treatment	800,000	-	547	0.07%	0%
AMI Project	1,734,000	91,936	5.30%	-	CIP	Supply/Distribution	1,634,000	-	-	0.00%	35%
Brinkman Transmission Main	199,800	24,900	12.46%	-	CIP	Supply/Distribution	150,000	-	-	0.00%	0%
Unforeseen Capital Projects	100,000	-	0.00%	-	-	-	100,000	-	-	0.00% ⁽²⁾	-
Sub-Total	\$ 4,836,786	\$ 650,156	13.44%	\$ 45,236			\$ 4,375,000	\$ 82,927	\$ 259,924	5.94%	

⁽¹⁾ Includes \$45,236 in capitalized labor through 08/31/2025

⁽²⁾ Includes unforeseen capital projects, including:

-
-
Total \$ -

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Patrick Lee, Finance Manager/Treasurer
SUBJECT: **YEAR TO DATE REVENUES AND EXPENSES COMPARED TO BUDGET – AUGUST 2025**

RECOMMENDATION

This item is presented for discussion purposes only. No action by the Florin Resource Conservation District Board of Directors is requested at this time.

SUMMARY

Per the Florin Resource Conservation District (District) Board of Directors (Board) request, consent item g – Year-To-Date Revenues and Expenses Compared to Budget is being included in the Board packet as a standalone agenda item.

DISCUSSION

Background

The Year-To-Date Revenues and Expenses Compared to Budget was a standing item included in the monthly consent calendar presented to the Board each month. The Board has requested that staff remove the report from consent calendar and include it as a standalone agenda item for discussion purposes for all future Board meetings.

Present Situation

The Year-To-Date Revenues and Expenses Compared to Budget report through August 2025 is being provided to the Board for review and discussion.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

September 16, 2025

**YEAR TO DATE REVENUES AND EXPENSES COMPARED TO BUDGET – AUGUST
2025**

Page 2

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/Elk Grove Water District 2025-2030 Strategic Plan Goal No. 2, Fiscal Responsibility to practice prudent financial stewardship and management of resources for the benefit of District customers.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully Submitted,



PATRICK LEE
TREASURER

Attachment

Attachment

General Ledger
Monthly Consent

User: PLee@egwd.org
Printed: 9/4/2025 1:32:14 PM
Period 01 - 02
Fiscal Year 2026

83.33%

Account	Description	End Bal	Budget	\$ Variance	% Variance
Revenue					
	Revenues	\$ (3,815,660.52)	\$ (18,477,993.82)	\$ (14,662,333.30)	79.35%
	Total Revenue	3,815,660.52	18,477,993.82	14,662,333.30	79.35%
Expense					
	Salaries & Benefits	926,288.41	5,686,886.87	4,760,598.46	83.71%
	Seminars Conventions & Travel	2,768.26	42,444.00	39,675.74	93.48%
	Office & Operational	313,832.79	1,742,067.48	1,428,234.69	81.99%
	Purchased Water	852,221.00	3,805,728.20	2,953,507.20	77.61%
	Outside Services	115,139.64	1,146,580.00	1,031,440.36	89.96%
	Rentals & Leases	2,094.63	23,120.00	21,025.37	90.94%
	Taxes & Utilities	69,036.18	558,324.00	489,287.82	87.64%
	Non-Operational	(43,008.95)	(25,000.00)	18,008.95	-72.04%
	Total Expense	\$ 2,238,371.96	\$ 12,980,150.55	\$ 10,741,778.59	82.76%
Revenue Total		\$ 3,815,660.52	\$ 18,477,993.82	\$ 14,662,333.30	79.35%
Expense Total		\$ 2,238,371.96	\$ 12,980,150.55	\$ 10,741,778.59	82.76%
Revenues in Excess of Expenditures		\$ 1,577,288.56	\$ 5,497,843.27	\$ 3,920,554.71	71.31%

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Travis Franklin, Program Manager

SUBJECT: **PUBLIC HEARING – PUBLIC HEALTH GOAL REPORT**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors:

1. Hold a public hearing to receive public comment regarding the proposed acceptance of the “2025 Report on Water Quality Relative to Public Health Goals”; and
2. Accept the report pending public comments.

SUMMARY

The California Health and Safety Code (Code) requires that public water systems serving more than 10,000 service connections prepare a written report every three (3) years that documents detections of any constituents in drinking water that exceed a public health goal (PHG). To satisfy this requirement, the Elk Grove Water District (EGWD) completed a report titled “2025 Report on Water Quality Relative to Public Health Goals,” otherwise referred to as Public Health Goals Report (attached). The Code requires that a public hearing be held to receive public comments regarding the Public Health Goals Report before the report is accepted by the Florin Resource Conservation District (FRCD) Board of Directors (Board).

DISCUSSION

Background

A PHG is the level of a chemical contaminant in drinking water that does not pose a significant risk to health. Unlike the Drinking Water Regulations (California Code of Regulations Title 22) which set maximum contaminant levels (MCLs) of constituents in drinking water, PHGs are not regulatory standards, and therefore, not enforceable. State law, however, requires the State Water Resources Control Board (SWRCB) to set drinking water standards for chemical contaminants as close to the corresponding PHG as is economically and technologically feasible. In many cases, it is not feasible for the SWRCB to set the drinking water standard MCL of a contaminant at the same level as the PHG. The technology to treat the chemicals may not be available, or the cost of treatment may be very high.

PUBLIC HEARING – PUBLIC HEALTH GOAL REPORT

Page 2

Present Situation

In compliance with state law, EGWD has prepared a report titled “2025 Report on Water Quality Relative to Public Health Goals” otherwise referred to as Public Health Goals Report. State law requires that a public hearing be held to receive public comments regarding the Public Health Goals Report before the report is presented for adoption by the Board. The public hearing must be noticed in an adjudicated newspaper of general circulation with a publication date at least 10 days prior to the date of the hearing. EGWD noticed the public hearing in the Elk Grove Citizen and made the report available to the public on September 5, 2025.

For the EGWD drinking water system, the constituents detected that exceeded PHG levels are arsenic, gross alpha, radium-226, radium-228, hex chromium and uranium. Table 1 on page 3 of the Public Health Goals Report lists these constituents and the levels at which they occurred. It is explicitly noted that each of these drinking water constituents is below the maximum contaminant level set by state law, and that EGWD’s drinking water system is fully compliant with state law.

ENVIRONMENTAL CONSIDERATIONS

There are no environmental considerations associated with this item.

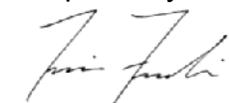
STRATEGIC PLAN CONFORMITY

The recommendation made in this staff report conforms to Goal 4, Protection of Public and Environmental Health, of the FRCD/EGWD 2025-2030 Strategic Plan. The Strategic Plan directs EGWD to comply with all laws State and Federal drinking water standards.

FINANCIAL SUMMARY

The Public Health Goal Report was prepared by EGWD’s contracted professional consultant, Robertson-Bryan, Inc., at a cost of \$2,821.

Respectfully submitted,



TRAVIS FRANKLIN
PROGRAM MANAGER

Attachment



2025 Report on Water Quality Relative to Public Health Goals

Prepared for:
ELK GROVE WATER DISTRICT
9829 Waterman Road
Elk Grove, CA 95624
(916) 685-3556
<http://www.egwd.org/>

Prepared by:



3100 Zinfandel Drive, Suite 300
Rancho Cordova, CA 95670
(916) 714-1801

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List of Acronyms and Abbreviations

DLR	detection limit for purposes of reporting
EGWD	Elk Grove Water District
MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goal
OEHHA	California Office of Environmental Health Hazard Assessment
PHG	Public Health Goal
pCi/L	picocuries per liter
SCWA	Sacramento County Water Agency
USEPA	United States Environmental Protection Agency
µg/L	micrograms per liter

Background

The California Health and Safety Code Section 116470(b) specifies that public water systems serving more than 10,000 service connections prepare a brief written report every three years that documents detections of any constituents in drinking water that exceed a Public Health Goal (PHG). PHGs are non-enforceable goals established by the California Office of Environmental Health Hazard Assessment (OEHHA). The law also requires that where OEHHA has not adopted a PHG for a constituent, public water systems are to use the Maximum Contaminant Level Goal (MCLG) adopted by the United States Environmental Protection Agency (USEPA). Only constituents that have both a California primary drinking water Maximum Contaminant Level (MCL) and a PHG (or MCLG if no PHG exists) are to be addressed in this report.

This report addresses constituents detected in Elk Grove Water District's (EGWD) drinking water supply during calendar years 2022 through 2024 at a level exceeding an applicable PHG or MCLG and provides the required information for each constituent. The required information includes: the category or type of risk to health that could be associated with each constituent; the numerical public health risk associated with the primary MCL and the PHG or MCLG; the Best Available Technology that could be used to reduce the constituent level; and an estimate of the cost to install that Best Available Technology treatment process.

What are PHGs?

PHGs are set by OEHHA and are non-enforceable goals based solely on public health risk considerations. The practical risk-management factors considered by the USEPA or California's State Water Resources Control Board, Division of Drinking Water in setting drinking water MCLs are not addressed in setting the PHGs. These practical risk-management factors include analytical detection capability, treatment technology available, benefit and costs. The PHGs are not enforceable and are not required to be met by any public water system. MCLGs are the federal equivalent to PHGs.

Water Quality Data Considered

Water for the EGWD system is supplied by two water providers, EGWD and Sacramento County Water Agency (SCWA) as follows:

- Service Area 1 – local groundwater from EGWD
- Service Area 2 – local groundwater with periodic surface water purchased from SCWA

Service Area 1 has approximately 8,000 connections and Service Area 2 has approximately 5,175 connections. A map of the service areas is provided below in Figure 1.

The water quality data that was collected from EGWD and SCWA's water system for purposes of determining compliance with drinking water standards during calendar years 2022 through 2024 was utilized to prepare this report. Water quality data are summarized annually in Consumer Confidence Reports, which are available on EGWD's website (<https://www.egwd.org/publications/>) under "Water Quality Reports."

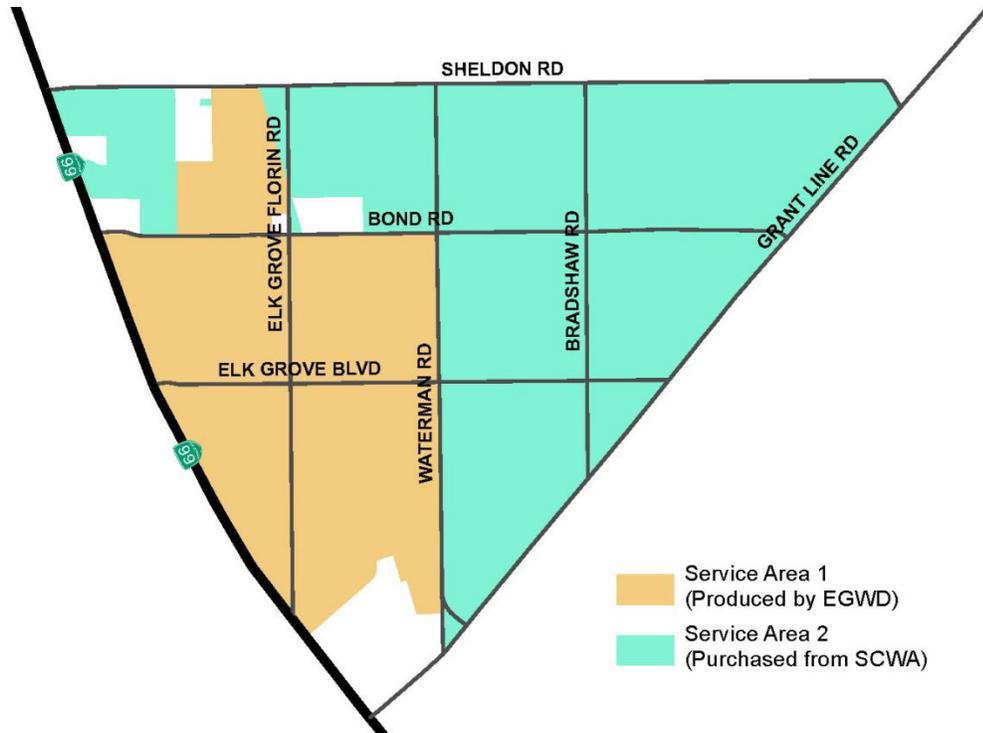


Figure 1. Elk Grove Water District Service Area Boundaries.

Guidelines Followed

The Association of California Water Agencies 2025 guidelines¹ were utilized in the preparation of this report. No formal guidance for preparing these reports is available from state regulatory agencies.

Best Available Treatment Technology and Cost Estimates

Both the USEPA and California have adopted what are known as Best Available Technologies, which are the best-known methods of reducing contaminant levels to the MCL. Costs can be estimated for such technologies. However, since many PHGs and all MCLGs are set much lower than the MCL, it is not always possible or feasible to determine what treatment is needed to further reduce a constituent concentration downward to or near the PHG or MCLG, many of which are set at zero. Estimating the costs to reduce a constituent level to zero is difficult, because it is not possible to verify by analytical means that the constituent level has been lowered to zero. In some cases, installing treatment to further reduce very low levels of one constituent may have adverse effects on other aspects of water quality. Costs presented herein are based on costs compiled in the Association of California Water Agencies' 2025 guidelines.

¹ Association of California Water Agencies. 2025 (April). *Public Health Goals Guidelines, Ensuring Compliance with California Health and Safety Code Section 116470(b)*.

Constituents Detected that Exceed a PHG or MCLG

Table 1 presents the constituents that were detected in EGWD's drinking water system at levels above its PHG, or if no PHG, above the MCLG. These constituents are further discussed in the sections following Table 1.

Constituent (Units)	PHG (MCLG) ^a	MCL	DLR
Arsenic (µg/L)	0.004	10	2
Chromium (Hexavalent) (µg/L)	0.02	10	0.1
Gross Alpha (pCi/L)	(0)	15	3
Radium-226 (pCi/L)	0.05	5 ^b	1
Radium-228 (pCi/L)	0.019	5 ^b	1
Uranium (pCi/L)	0.43	20	1
Total Coliform Bacteria	(0% Positive Samples Per Month)	≤5% Positive Samples Per Month	Not applicable

Notes:
DLR = detection limit for purposes of reporting
MCL = Maximum Contaminant Level
MCLG = Maximum Contaminant Level Goal
PHG = public health goal
µg/L = micrograms per liter of water
^a MCLG provided in parentheses for constituents with no adopted PHG.
^b MCL is for combined radium-226 and radium-228.

Arsenic

Table 2 summarizes the range and average arsenic concentrations in EGWD drinking water for Service Areas 1 and 2. The PHG for arsenic is 0.004 micrograms per liter (µg/L). The MCL for arsenic is 10 µg/L. The health risk category associated with arsenic is carcinogenicity. At the PHG for arsenic, the theoretical cancer risk is 1×10^{-6} . This means the 70-year lifetime cancer risk for consuming drinking water with an arsenic concentration at the PHG is 1 excess case of cancer per 1,000,000 people exposed (or 0.0001 percent). At the MCL of 10 µg/L, the theoretical cancer risk is 2.5×10^{-3} . This means the 70-year lifetime cancer risk for consuming drinking water with an arsenic concentration at the MCL is 2.5 excess cases per 1,000 people exposed (or 0.25 percent). The concentrations presented in Table 2 demonstrate that maximum concentrations of arsenic were less than the MCL of 10 µg/L in 2022 through 2024.

Constituent	EGWD Service Area 1 (Groundwater)	EGWD Service Area 2 (SCWA Groundwater)	EGWD Service Area 2 (SCWA Surface Water)
Range (µg/L)	ND – 6.2	ND – 10	ND – 2
Average (µg/L)	1.5	ND	ND
ND = not detected			

The following are identified in California Code of Regulations, Title 22 Section 64447.2 as Best Available Technologies for reducing arsenic levels in drinking water.

- Activated alumina
- Coagulation/filtration
- Ion Exchange
- Lime softening
- Reverse Osmosis
- Electrodialysis
- Oxidation/filtration

Further engineering feasibility and review would be necessary to make a determination regarding which treatment method would be most appropriate to implement. For the purposes of this report, the cost evaluation was conducted for implementation of an ion exchange treatment process.

Within EGWD Service Area 1, four drinking water supply wells that are owned and operated by EGWD had detected concentrations of arsenic above the PHG in at least one sample in calendar years 2022 through 2024. The annualized capital and operations and maintenance cost for ion exchange at the four wells in Service Area 1 is estimated to be \$1.5 million per year, which would be an increased cost for each customer in Service Area 1 of approximately \$190 per year. This cost is based on the maximum annual production of each well during 2022–2024, which totaled 543 million gallons, and a unit cost for ion exchange of \$2.68 per one thousand gallons requiring treatment.

The SCWA water purchased for EGWD Service Area 2 also had detections of arsenic above the PHG in calendar years 2022 through 2024. Information regarding SCWA's estimated costs for treatment and resulting increased cost per customer is provided in SCWA's 2025 Public Health Goals Report, which can be obtained by directly contacting SCWA (refer to SCWA's website for contact information at <https://waterresources.saccounty.gov/scwa/Pages/ContactUs.aspx>).

Hexavalent Chromium

Table 3 summarizes the range and average hexavalent chromium concentrations in EGWD drinking water for Service Areas 1 and 2. The PHG for hexavalent chromium is 0.02 µg/L. The MCL for hexavalent chromium is 10 µg/L. The health risk category associated with hexavalent chromium is carcinogenicity. At the PHG, the theoretical cancer risk is 1×10^{-6} , which means the 70-year lifetime cancer risk for drinking water at the PHG is 1 excess case of cancer per 1,000,000 people exposed. At the MCL of 10 µg/L, the theoretical cancer risk is 5×10^{-4} , which means the 70-year lifetime cancer risk for drinking water at the MCL is 5 excess cases per 10,000 people exposed (or 0.05 percent). The concentrations presented in Table 3 demonstrate that maximum concentrations of hexavalent chromium were less than the MCL of 10 µg/L in 2022 through 2024.

Constituent	EGWD Service Area 1 (Groundwater)	EGWD Service Area 2 (SCWA Groundwater)	EGWD Service Area 2 (SCWA Surface Water)
Range (µg/L)	ND – 5.9	ND – 9.6	ND
Average (µg/L)	2.0	ND	ND
ND = not detected			

The following are identified in California Code of Regulations, Title 22 Section 64447.2 as Best Available Technologies for reducing hexavalent chromium levels in drinking water.

- Coagulation/filtration
- Ion Exchange
- Reverse Osmosis

Further engineering feasibility and review would be necessary to make a determination regarding which treatment method would be most appropriate to implement. For the purposes of this report, ion exchange is selected as the treatment method for EGWD wells, because this is also the method selected for addressing arsenic.

Within EGWD Service Area 1, three drinking water supply wells that are owned and operated by EGWD had detected concentrations of hexavalent chromium above the PHG in at least one sample in calendar years 2022 through 2024. The annualized capital and operations and maintenance cost for ion exchange at the three wells in Service Area 1 is estimated to be \$1.3 million per year, which would be an increased cost for each customer in Service Area 1 of approximately \$160 per year. This cost is based on the maximum annual production of each well during 2022–2024, which totaled 475 million gallons, and a unit cost for ion exchange of \$2.68 per one thousand gallons requiring treatment.

The SCWA water purchased for EGWD Service Area 2 also had detections of hexavalent chromium above the PHG in calendar years 2022 through 2024. Information regarding SCWA’s estimated costs for treatment and resulting increased cost per customer is provided in SCWA’s 2025 Public Health Goals Report, which can be obtained by directly contacting SCWA (refer to SCWA’s website for contact information at <https://waterresources.saccounty.gov/scwa/Pages/ContactUs.aspx>).

Radionuclides

Radionuclides detected in the EGWD water system include gross alpha, radium-226, radium-228, and uranium. Table 4 summarizes the range and average radionuclide levels in the EGWD drinking water for Service Areas 1 and 2. The health risk and costs for treatment to reduce levels of these radionuclides are addressed separately for each constituent below.

Table 4. Water Quality Data Summary for Radionuclides			
Constituent	EGWD Service Area 1 (Groundwater)	EGWD Service Area 2 (SCWA Groundwater)	EGWD Service Area 2 (SCWA Surface Water)
Gross Alpha			
Range (pCi/L)	ND	ND – 5.1	ND
Average (pCi/L)	ND	ND	ND
Radium-226			
Range (pCi/L)	ND	ND – 2.42	ND
Average (pCi/L)	ND	ND	ND
Radium-228			
Range (pCi/L)	ND	ND – 1.02	ND
Average (pCi/L)	ND	ND	ND
Uranium			
Range (pCi/L)	ND – 2.6	ND – 2.7	ND
Average (pCi/L)	ND	ND	ND
ND = not detected			

Gross Alpha

Gross alpha is a measurement of the overall radioactivity of naturally occurring substances present in water due to radioactive elements breaking down. These can include radium-226, radium-228, and uranium. OEHHA has not established a PHG for gross alpha; the federal MCLG is 0 picocuries per liter of water (pCi/L) due to classification of gross alpha particles as carcinogens. The cancer risk at 0 pCi/L of gross alpha is zero. At the MCL of 15 pCi/L of gross alpha, the theoretical cancer risk is 1×10^{-3} , which means the 70-year lifetime cancer risk for consuming drinking water with a gross alpha concentration at the MCL is 1 excess case of cancer per 1,000 people exposed (0.1 percent). The concentrations presented in Table 4 demonstrate that maximum levels of gross alpha were less than the MCL of 15 pCi/L in 2022 through 2024.

The California Code of Regulations, Title 22 Section 64447.3 identifies reverse osmosis as the Best Available Technology for reducing gross alpha particle levels in drinking water.

The wells in which gross alpha particles were detected in calendar years 2022 through 2024 are SCWA wells serving Service Area 2. Gross alpha particles were not detected in EGWD wells serving Service Area 1. Information regarding SCWA's estimated costs for treatment and resulting increased cost per customer is provided in SCWA's 2025 Public Health Goals Report, which can be obtained by directly contacting SCWA (refer to SCWA's website for contact information at <https://waterresources.saccounty.gov/scwa/Pages/ContactUs.aspx>).

Radium-226 and Radium-228

Radium is formed when uranium and thorium, which are naturally occurring elements, undergo radioactive decay. Radium-226 and radium-228 are the two main radium isotopes found in the environment.

The PHG is 0.05 pCi/L for radium-226 and 0.019 pCi/L for radium-228. The MCL is 5 pCi/L for radium-226 and radium-228 combined. The health risk category associated with radium-226 and radium-228 is carcinogenicity. The theoretical cancer risk at the PHGs for radium-226 and radium-228 is 1×10^{-6} , which means the 70-year lifetime cancer risk for consuming drinking water with radium-226 or radium-228 at the PHG is 1 excess case of cancer per 1,000,000 people exposed (or 0.0001 percent). At the MCL of 5 pCi/L, the theoretical cancer risk for radium-226 is 1×10^{-4} , which means the 70-year lifetime cancer risk for consuming drinking water with a radium-226 concentration at the MCL is 1 excess case per 10,000 people exposed (or 0.01 percent). At the MCL of 5 pCi/L, the theoretical cancer risk for radium-228 is 3×10^{-4} , which means the 70-year lifetime cancer risk for consuming drinking water with a radium-228 concentration at the MCL is 3 excess cases per 10,000 people exposed (or 0.03 percent). The concentrations presented in Table 4 demonstrate that maximum concentrations of radium-226 and radium-228 were less than the MCL of 5 pCi/L in 2022 through 2024.

The following are identified in California Code of Regulations, Title 22 Section 64447.3 as Best Available Technologies for reducing radium-226 and radium-228 levels in drinking water.

- Ion Exchange
- Lime softening
- Reverse Osmosis

The wells in which radium-226 and radium-228 were detected in calendar years 2022 through 2024 are SCWA wells serving Service Area 2. Radium-226 and radium-228 were not detected in EGWD wells serving Service Area 1. Information regarding SCWA's estimated costs for treatment and resulting increased cost per customer is provided in SCWA's 2025 Public Health Goals Report, which can be obtained by directly contacting SCWA (refer to SCWA's website for contact information at <https://waterresources.saccounty.gov/scwa/Pages/ContactUs.aspx>).

Uranium

Uranium is a naturally occurring element present in varying amounts in water, soil, and rock. The PHG for uranium is 0.43 pCi/L. The MCL for uranium is 20 pCi/L. The health risk category associated with uranium is carcinogenicity. At the PHG, the theoretical cancer risk is 1×10^{-6} , which means the 70-year lifetime cancer risk for consuming drinking water with a uranium concentration at the PHG is 1 excess case of cancer per 1,000,000 people exposed (or 0.0001 percent). At the MCL of 20 pCi/L, the theoretical cancer risk is 5×10^{-5} , which means the 70-year lifetime cancer risk for consuming drinking water with a uranium concentration at the MCL is 5 excess cases per 100,000 people exposed (or 0.005 percent). The concentrations presented in Table 4 demonstrate that maximum concentrations of uranium were less than the MCL of 20 pCi/L in 2022 through 2024.

The following are identified in California Code of Regulations, Title 22 Section 64447.3 as Best Available Technologies for reducing uranium levels in drinking water.

- Coagulation/filtration
- Ion Exchange
- Lime softening

- Reverse Osmosis

Further engineering feasibility and review would be necessary to make a determination regarding which treatment method would be most appropriate to implement. For the purposes of this report, ion exchange is selected as the treatment method for EGWD wells, because this is also the method selected for addressing arsenic and hexavalent chromium in EGWD wells.

Within EGWD Service Area 1, two EGWD well had a detected concentration of uranium above the PHG during calendar years 2022 through 2024. The annualized capital and operations and maintenance cost for ion exchange at the one well with uranium above the PHG is estimated to be \$0.7 million per year, which would be an increased cost for each customer in Service Area 1 of approximately \$90 per year. This cost is based on the maximum annual production of the well during 2022–2024, which totaled 250 million gallons, and a unit cost for ion exchange of \$2.68 per one thousand gallons requiring treatment.

The SCWA water purchased for EGWD Service Area 2 also had detections of uranium above the PHG in calendar years 2022 through 2024. Information regarding SCWA’s estimated costs for treatment and resulting increased cost per customer is provided in SCWA’s 2025 Public Health Goals Report, which can be obtained by directly contacting SCWA (refer to SCWA’s website for contact information at <https://waterresources.saccounty.gov/scwa/Pages/ContactUs.aspx>).

Total Coliform Bacteria

The MCL for total coliform bacteria is 5% positive samples of all samples per month. There is no PHG for total coliform bacteria; the MCLG is 0% positive samples per month. Coliform bacteria are an indicator organism that are ubiquitous in nature and are not generally considered harmful; they are used because of the ease in monitoring and analysis. The reason for the total coliform bacteria drinking water MCL is to minimize the possibility of the water containing potentially harmful pathogens that cause waterborne disease. If a positive sample is found, it indicates a potential problem that needs to be investigated and follow-up sampling performed. It is not unusual for a system to have an occasional positive sample, and it is difficult, if not impossible, to assure that a system will never get a positive sample. Because coliform is only a surrogate indicator of the potential presence of pathogens, it is not possible to state a specific numerical health risk.

Distribution system samples tested positive for total coliform bacteria in two months in 2022 and one month in 2023. EGWD immediately resampled following each total coliform detection in accordance with drinking water regulations. All resamples were negative for total coliform bacteria. All distribution system samples in 2024 were negative for total coliform bacteria.

California Code of Regulations, Title 22, Section 64447 lists the following Best Available Technologies for achieving compliance with the total coliform MCLs:

- Protection of wells from coliform contamination by appropriate placement and construction;
- Maintenance of a disinfectant residual throughout the distribution system;
- Proper maintenance of the distribution system; and

- Filtration and/or disinfection of approved surface water, in compliance with Section 64650, or disinfection of groundwater.

EGWD implements the above Best Available Technologies for total coliform bacteria. EGWD adds chlorine to its water sources to assure that the water served is microbiologically safe. The chlorine residual levels are carefully controlled to provide the best health protection without causing the water to have undesirable taste and odor or increasing levels of disinfection byproducts, which are regulated in drinking water. This careful balance of treatment processes is essential to continue supplying EGWD customers with safe drinking water. Other equally important measures that EGWD has implemented include: an effective cross-connection control program, maintenance of a disinfectant residual throughout the water distribution system, an effective monitoring and surveillance program, and maintaining positive pressures in the distribution system. Surface water from SCWA is treated using conventional filtration and disinfection. Because Best Available Technology measures are fully implemented by EGWD, no estimated cost for further treatment is provided.

Recommendations for Further Action

The EGWD water system meets all California and USEPA drinking water standards set to protect public health. To further reduce the levels of the constituents identified in this report that are already significantly below the health-based MCLs established to provide “safe drinking water,” additional costly treatment processes would be required. The effectiveness of the treatment processes to provide any significant reductions in constituent levels at these already low values is uncertain. The health protection benefits of these further hypothetical reductions are not at all clear and may not be quantifiable. Therefore, no action is proposed.

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Ben Voelz, Associate Engineer

SUBJECT: **RENEW SMALL UTILITY ENTERPRISE LICENSE AGREEMENT FOR ESRI GIS SOFTWARE**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors authorize the General Manager to execute an agreement in the amount of \$90,600 to renew the Small Utility Enterprise License Agreement with ESRI for another three-year term.

SUMMARY

The Small Utility Enterprise License Agreement (Agreement) that the Elk Grove Water District (District) has with ESRI is nearing the end of its current three-year term. This Agreement provides important software tools that allow District employees access to critical water system maps and information to perform their daily jobs. Staff recommend that the Florin Resource Conservation District Board of Directors (Board) authorize the General Manager to execute a three (3) year Agreement (attached) with ERSI in the amount of \$90,600. Over the three (3) year period, the annual software subscription cost to the District will be \$30,200.

DISCUSSION

Background

On September 4, 2022, the District entered a three (3) year software license agreement with ESRI in the amount of \$82,500 to provide important upgrades and continued use of the District geographic information system (GIS) and tools. The Agreement will expire on September 25, 2025.

Present Situation

The District uses ESRI software to create GIS maps and store critical asset information related to its water system. ESRI's Small Utility Enterprise License allows this information and maps to be available to any District employee using a computer or mobile device connected to the internet.

September 16, 2025

RENEW SMALL UTILITY ENTERPRISE LICENSE AGREEMENT FOR ESRI GIS SOFTWARE

Page 2

On September 25, 2025, the current Agreement will expire and the District will lose the ability for its employees to access its GIS maps and information from online computers and mobile devices.

Staff recommends executing another three (3) year Agreement with ESRI. ESRI's GIS mapping software is the industry standard for mapping services, and the District's GIS, which has been expanded extensively over the past six (6) years, is built on ESRI's GIS platform. District staff have invested a lot of time and effort into creating a robust GIS database and digital tool set on this platform that is hyper-specific and tailor-made to accommodate District operations. Field and office staff heavily rely on the ESRI GIS platform and host of information and tools that it provides to perform their daily jobs.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

The recommendation made in this staff report conforms with Strategic Goal 3, Planning and Operational Efficiency. Strategic Goal 3 directs the District to practice ongoing infrastructure renewal and organizational improvement through planning and increased operational efficiency. Renewing the software agreement with ESRI helps the District meet this directive.

FINANCIAL SUMMARY

The Agreement obligates the District to a three (3) year term. The Agreement provides for annual installment payments at \$30,200 per year, for a total cost of \$90,600 over the next three (3) years.

Respectfully submitted,



BEN VOELZ
ASSOCIATE ENGINEER

Attachment



August 21, 2025

Richard Ko
Elk Grove Water Service
9257 Elk Grove Blvd
Elk Grove, CA 95624-2101

Dear Richard,

The Esri Small Utility Enterprise Agreement (SUEA) is a three-year agreement that will grant your organization access to Esri term license software. The EA will be effective on the date executed and will require a firm, three-year commitment.

Based on Esri's work with several organizations similar to yours, we know there is significant potential to apply Geographic Information System (GIS) technology in many operational and technical areas within your organization. For this reason, we believe that your organization will greatly benefit from an Enterprise Agreement (EA).

An EA will provide your organization with numerous benefits including:

- A lower cost per unit for licensed software
- Substantially reduced administrative and procurement expenses
- Complete flexibility to deploy software products when and where needed

The following business terms and conditions will apply:

- All current departments, employees, and in-house contractors of the organization will be eligible to use the software and services included in the EA.
- If your organization wishes to acquire and/or maintain any Esri software during the term of the agreement that is not included in the EA, it may do so separately at the Esri pricing that is generally available for your organization for software and maintenance.
- The organization will establish a single point of contact for orders and deliveries and will be responsible for redistribution to eligible users.
- The organization will establish a Tier 1 support center to field calls from internal users of Esri software. The organization may designate individuals as specified in the EA who may directly contact Esri for Tier 2 technical support.
- The organization will provide an annual report of installed Esri software to Esri.
- Esri software and updates that the organization is licensed to use will be automatically available for downloading.
- The fee and benefits offered in this EA proposal are contingent upon your acceptance of Esri's Small Utility EA terms and conditions.

- Licenses are valid for the term of the EA.

The terms and conditions in this Small Utility EA offer are for utilities with a total meter count which falls under the applicable tier in the Esri EA Small Utility Program. By accepting this offer, you confirm that your organization's meter count falls within this range on the date of signature and that you are therefore eligible for this pricing. If your organization's meter count does not fall within this range, please confirm your current meter count, and Esri will provide a revised quotation.

This program offer is valid for 90 days. To complete the agreement within this time frame, please contact me within the next seven days to work through any questions or concerns you may have.

To expedite your acceptance of this EA offer:

1. Sign and return the EA contract with a Purchase Order or issue a Purchase Order that references this EA Quotation and includes the following statement on the face of the Purchase Order:

"THIS PURCHASE ORDER IS GOVERNED BY THE TERMS AND CONDITIONS OF THE ESRI SMALL UTILITY EA, AND ADDITIONAL TERMS AND CONDITIONS IN THIS PURCHASE ORDER WILL NOT APPLY."

Have it signed by an authorized representative of the organization.

2. On the first page of the EA, identify the central point of contact/agreement administrator. The agreement administrator is the party that will be the contact for management of the software, administration issues, and general operations. Information should include name, title (if applicable), address, phone number, and e-mail address.
3. In the purchase order, identify the "Ship to" and "Bill to" information for your organization.
4. Send the purchase order and agreement to the address, email or fax noted below:

Esri
Attn: Customer Service SU-EA
380 New York Street
Redlands, CA 92373-8100

e-mail: service@esri.com
fax documents to: 909-307-3083

I appreciate the opportunity to present you with this proposal, and I believe it will bring great benefits to your organization.

Thank you very much for your consideration.

Best Regards,
Jay Hoffman



Quotation # Q-544832

Date: August 21, 2025

Customer # 396696 Contract # ENTERPRISE AGREEMENT

Elk Grove Water Service
9257 Elk Grove Blvd
Elk Grove, CA 95624-2101

ATTENTION: Richard Ko
PHONE: (916) 685-3556
EMAIL: rko@egwd.org

Environmental Systems Research Institute, Inc.
380 New York St
Redlands, CA 92373-8100
Phone: (909) 793-2853
DUNS Number: 06-313-4175 CAGE Code: OAMS3

To expedite your order, please attach a copy of this quotation to your purchase order.
Quote is valid from: 8/21/2025 To: 11/19/2025

Material	Qty	Term	Unit Price	Total
168089	1	Year 1	\$30,200.00	\$30,200.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				
168089	1	Year 2	\$30,200.00	\$30,200.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				
168089	1	Year 3	\$30,200.00	\$30,200.00
Meter Counts 10,001 to 50,000 Small Utility Enterprise Agreement Annual Subscription				

Subtotal:	\$90,600.00
Sales Tax:	\$0.00
Estimated Shipping and Handling (2 Day Delivery):	\$0.00
Contract Price Adjust:	\$0.00
Total:	\$90,600.00

Esri may charge a fee to cover expenses related to any customer requirement to use a proprietary vendor management, procurement, or invoice program.

For questions contact: Jay Hoffman	Email: jhoffman@esri.com	Phone: 1-800-447-9778 x5675
<p>The items on this quotation are subject to and governed by the terms of this quotation, the most current product specific scope of use document found at https://assets.esri.com/content/dam/esrisites/media/legal/product-specific-terms-of-use/e300.pdf, and your applicable signed agreement with Esri. If no such agreement covers any item quoted, then Esri's standard terms and conditions found at https://go.esri.com/MAPS apply to your purchase of that item. If any item is quoted with a multi-year payment schedule, Esri may invoice at least 30 days in advance of each anniversary date without the issuance of a Purchase Order, and Customer is required to make all payments without right of cancellation. Third-party data sets included in a quotation as separately licensed items will only be provided and invoiced if Esri is able to provide such data and will be subject to the applicable third-party's terms and conditions. If Esri is unable to provide any such data set, Customer will not be responsible for any further payments for the data set. US Federal government entities and US government prime contractors authorized under FAR 51.1 may purchase under the terms of Esri's GSA Federal Supply Schedule. Supplemental terms and conditions found at https://www.esri.com/en-us/legal/terms/state-supplemental apply to some US state and local government purchases. All terms of this quotation will be incorporated into and become part of any additional agreement regarding Esri's offerings. Acceptance of this quotation is limited to the terms of this quotation. Esri objects to and expressly rejects any different or additional terms contained in any purchase order, offer, or confirmation sent to or to be sent by buyer. Unless prohibited by law, the quotation information is confidential and may not be copied or released other than for the express purpose of system selection and purchase/license. The information may not be given to outside parties or used for any other purpose without consent from Esri. Delivery is FOB Origin for customers located in the USA.</p>		

Esri Use Only:

Cust. Name _____
Cust. # _____
PO # _____
Esri Agreement # _____



**SMALL ENTERPRISE AGREEMENT
SMALL UTILITY
(E215-2)**

This Agreement is by and between the organization identified in the Quotation (“Customer”) and **Environmental Systems Research Institute, Inc. (“Esri”)**.

This Agreement sets forth the terms for Customer’s use of Products and incorporates by reference (i) the Quotation and (ii) the Master Agreement. Should there be any conflict between the terms and conditions of the documents that comprise this Agreement, the order of precedence for the documents shall be as follows: (i) the Quotation, (ii) this Agreement, and (iii) the Master Agreement. This Agreement shall be governed by and construed in accordance with the laws of the state in which Customer is located without reference to conflict of laws principles, and the United States of America federal law shall govern in matters of intellectual property. The modifications and additional rights granted in this Agreement apply only to the Products listed in Table A.

**Table A
List of Products**

Uncapped Quantities (annual subscription)

Desktop Software and Extensions (Single Use) ArcGIS Desktop Advanced ArcGIS Desktop Standard ArcGIS Desktop Basic ArcGIS Desktop Extensions: ArcGIS 3D Analyst, ArcGIS Spatial Analyst, ArcGIS Geostatistical Analyst, ArcGIS Publisher, ArcGIS Network Analyst, ArcGIS Workflow Manager, ArcGIS Data Reviewer Developer Tools ArcGIS Runtime Standard ArcGIS Runtime Analysis Extension	Enterprise Software and Extensions ArcGIS Enterprise (Advanced and Standard) ArcGIS Monitor ArcGIS Enterprise Extensions: ArcGIS 3D Analyst, ArcGIS Spatial Analyst, ArcGIS Geostatistical Analyst, ArcGIS Network Analyst, ArcGIS Workflow Manager, ArcGIS Data Reviewer ArcGIS Enterprise Additional Capability Servers ArcGIS Image Server
---	--

Capped Quantities (annual subscription)

ArcGIS Online User Types		ArcGIS Enterprise User Types	
ArcGIS Online Viewer User Type	50	ArcGIS Enterprise Creator User Type	50
ArcGIS Online Creator User Type	50		
ArcGIS Online Apps and Other		ArcGIS Enterprise Apps and Extensions	
ArcGIS Location Sharing for ArcGIS Online	10	ArcGIS Location Sharing for ArcGIS Enterprise	10
ArcGIS Online Service Credits	10,000	ArcGIS Advanced Editing User Type Extension for ArcGIS Enterprise	50
ArcGIS Business Analyst			
ArcGIS Business Analyst Web App Standard Online	1		

Other Benefits

Number of Esri User Conference registrations provided annually	2
Number of Tier 1 Help Desk individuals authorized to call Distributor	3

Customer may accept this Agreement by signing and returning the whole Agreement with (i) the Quotation attached, (ii) a purchase order, or (iii) another document that matches the Quotation and references this Agreement (“**Ordering Document**”). **ADDITIONAL OR CONFLICTING TERMS IN CUSTOMER’S PURCHASE ORDER OR OTHER DOCUMENT WILL NOT APPLY, AND THE TERMS OF THIS AGREEMENT WILL GOVERN.** This Agreement is effective as of the date of Esri’s receipt of an Ordering Document, unless otherwise agreed to by the parties (“**Effective Date**”).

Term of Agreement: Three (3) years

This Agreement supersedes any previous agreements, proposals, presentations, understandings, and arrangements between the parties relating to the licensing of the Products. Except as provided in Article 4—Product Updates, no modifications can be made to this Agreement.

Accepted and Agreed:

(Customer)

By: _____
Authorized Signature

Printed Name: _____

Title: _____

Date: _____

CUSTOMER CONTACT INFORMATION

Contact: _____

Telephone: _____

Address: _____

Fax: _____

City, State, Postal Code: _____

E-mail: _____

Country: _____

Quotation Number (if applicable): _____

1.0—ADDITIONAL DEFINITIONS

In addition to the definitions provided in the Master Agreement, the following definitions apply to this Agreement:

“**Case**” means a failure of the Software or Online Services to operate according to the Documentation where such failure substantially impacts operational or functional performance.

“**Deploy**”, “**Deployed**” and “**Deployment**” mean to redistribute and install the Products and related Authorization Codes within Customer’s organization(s).

“**Fee**” means the fee set forth in the Quotation.

“**Maintenance**” means Tier 2 Support, Product updates, and Product patches provided to Customer during the Term of Agreement.

“**Master Agreement**” means the applicable master agreement for Esri Products incorporated by this reference that is (i) found at <https://www.esri.com/en-us/legal/terms/full-master-agreement> and available in the installation process requiring acceptance by electronic acknowledgment or (ii) a signed Esri master agreement or license agreement that supersedes such electronically acknowledged master agreement.

“**Product(s)**” means the products identified in Table A—List of Products and any updates to the list Esri provides in writing.

“**Quotation**” means the offer letter and quotation provided separately to Customer.

“**Technical Support**” means the technical assistance for attempting resolution of a reported Case through error correction, patches, hot fixes, workarounds, replacement deliveries, or any other type of Product corrections or modifications.

“**Tier 1 Help Desk**” means Customer’s point of contact(s) to provide all Tier 1 Support within Customer’s organization(s).

“**Tier 1 Support**” means the Technical Support provided by the Tier 1 Help Desk.

“**Tier 2 Support**” means the Esri Technical Support provided to the Tier 1 Help Desk when a Case cannot be resolved through Tier 1 Support.

2.0—ADDITIONAL GRANT OF LICENSE

2.1 Grant of License. Subject to the terms and conditions of this Agreement, Esri grants to Customer a personal, nonexclusive, nontransferable license solely to use, copy, and Deploy quantities of the Products listed in Table A—List of Products for the Term of Agreement (i) for the applicable Fee and (ii) in accordance with the Master Agreement.

2.2 Consultant Access. Esri grants Customer the right to permit Customer’s consultants or contractors to use the Products exclusively for Customer’s benefit. Customer will be solely responsible for compliance by consultants and contractors with this Agreement and will ensure that the consultant or contractor discontinues use of Products upon completion of work for Customer. Access to or use of Products by consultants or contractors not exclusively for Customer’s benefit is prohibited. Customer may not permit its consultants or contractors to install Software or Data on consultant, contractor, or third-party computers or remove Software or Data from Customer locations, except for the purpose of hosting the Software or Data on Contractor servers for the benefit of Customer.

3.0—TERM, TERMINATION, AND EXPIRATION

3.1 Term. This Agreement and all licenses hereunder will commence on the Effective Date and continue for the duration identified in the Term of Agreement, unless this Agreement is terminated earlier as provided herein. Customer is only authorized to use Products during the Term of Agreement. For an Agreement with a limited term, Esri does not grant Customer an indefinite or a perpetual license to Products.

3.2 No Use upon Agreement Expiration or Termination. All Product licenses, all Maintenance, and Esri User Conference registrations terminate upon expiration or termination of this Agreement.

3.3 Termination for a Material Breach. Either party may terminate this Agreement for a material breach by the other party. The breaching party will have thirty (30) days from the date of written notice to cure any material breach.

3.4 Termination for Lack of Funds. For an Agreement with government or government-

owned entities, either party may terminate this Agreement before any subsequent year if Customer is unable to secure funding through the legislative or governing body's approval process.

3.5 Follow-on Term. If the parties enter into another agreement substantially similar to this Agreement for an additional term, the effective date of the follow-on agreement will be the day after the expiration date of this Agreement.

4.0—PRODUCT UPDATES

4.1 Future Updates. Esri reserves the right to update the list of Products in Table A—List of Products by providing written notice to Customer. Customer may continue to use all Products that have been Deployed, but support and upgrades for deleted items may not be available. As new Products are incorporated into the standard program, they will be offered to Customer via written notice for incorporation into the Products schedule at no additional charge. Customer's use of new or updated Products requires Customer to adhere to applicable additional or revised terms and conditions in the Master Agreement.

4.2 Product Life Cycle. During the Term of Agreement, some Products may be retired or may no longer be available to Deploy in the identified quantities. Maintenance will be subject to the individual Product Life Cycle Support Status and Product Life Cycle Support Policy, which can be found at <https://support.esri.com/en/other-resources/product-life-cycle>. Updates for Products in the mature and retired phases may not be available. Customer may continue to use Products already Deployed, but Customer will not be able to Deploy retired Products.

5.0—MAINTENANCE

The Fee includes standard maintenance benefits during the Term of Agreement as specified in the most current applicable Esri Maintenance and Support Program document (found at <https://www.esri.com/en-us/legal/terms/maintenance>). At Esri's sole discretion, Esri may make patches, hot fixes, or updates available for download. No Software other

than the defined Products will receive Maintenance. Customer may acquire maintenance for other Software outside this Agreement.

a. Tier 1 Support

1. Customer will provide Tier 1 Support through the Tier 1 Help Desk to all Customer's authorized users.
2. The Tier 1 Help Desk will be fully trained in the Products.
3. At a minimum, Tier 1 Support will include those activities that assist the user in resolving how-to and operational questions as well as questions on installation and troubleshooting procedures.
4. The Tier 1 Help Desk will be the initial point of contact for all questions and reporting of a Case. The Tier 1 Help Desk will obtain a full description of each reported Case and the system configuration from the user. This may include obtaining any customizations, code samples, or data involved in the Case.
5. If the Tier 1 Help Desk cannot resolve the Case, an authorized Tier 1 Help Desk individual may contact Tier 2 Support. The Tier 1 Help Desk will provide support in such a way as to minimize repeat calls and make solutions to problems available to Customer's organization.
6. Tier 1 Help Desk individuals are the only individuals authorized to contact Tier 2 Support. Customer may change the Tier 1 Help Desk individuals by written notice to Esri.

b. Tier 2 Support

1. Tier 2 Support will log the calls received from Tier 1 Help Desk.
2. Tier 2 Support will review all information collected by and received from the Tier 1 Help Desk including preliminary documented troubleshooting provided by the Tier 1 Help Desk when Tier 2 Support is required.
3. Tier 2 Support may request that Tier 1 Help Desk individuals provide verification of information, additional information, or answers to additional questions to

supplement any preliminary information gathering or troubleshooting performed by Tier 1 Help Desk.

4. Tier 2 Support will attempt to resolve the Case submitted by Tier 1 Help Desk.
5. When the Case is resolved, Tier 2 Support will communicate the information to Tier 1 Help Desk, and Tier 1 Help Desk will disseminate the resolution to the user(s).

6.0—ENDORSEMENT AND PUBLICITY

This Agreement will not be construed or interpreted as an exclusive dealings agreement or Customer's endorsement of Products. Either party may publicize the existence of this Agreement.

7.0—ADMINISTRATIVE REQUIREMENTS

7.1 OEM Licenses. Under Esri's OEM or Solution OEM programs, OEM partners are authorized to embed or bundle portions of Esri products and services with their application or service. OEM partners' business model, licensing terms and conditions, and pricing are independent of this Agreement. Customer will not seek any discount from the OEM partner or Esri based on the availability of Products under this Agreement. Customer will not decouple Esri products or services from the OEM partners' application or service.

7.2 Annual Report of Deployments. At each anniversary date and ninety (90) calendar days prior to the expiration of this Agreement, Customer will provide Esri with a written report detailing all Deployments. Upon request, Customer will provide records sufficient to verify the accuracy of the annual report.

8.0—ORDERING, ADMINISTRATIVE PROCEDURES, DELIVERY, AND DEPLOYMENT

8.1 Orders, Delivery, and Deployment

- a. Upon the Effective Date, Esri will invoice Customer and provide Authorization Codes to activate the nondestructive copy protection program that enables Customer to download,

operate, or allow access to the Products. If this is a multi-year Agreement, Esri may invoice the Fee up to thirty (30) calendar days before the annual anniversary date for each year.

- b. Undisputed invoices will be due and payable within thirty (30) calendar days from the date of invoice. Esri reserves the right to suspend Customer's access to and use of Products if Customer fails to pay any undisputed amount owed on or before its due date. Esri may charge Customer interest at a monthly rate equal to the lesser of one percent (1.0%) per month or the maximum rate permitted by applicable law on any overdue fees plus all expenses of collection for any overdue balance that remains unpaid ten (10) days after Esri has notified Customer of the past-due balance.

- c. Esri's federal ID number is 95-2775-732.

- d. If requested, Esri will ship backup media to the ship-to address identified on the Ordering Document, FOB Destination, with shipping charges prepaid. Customer acknowledges that should sales or use taxes become due as a result of any shipments of tangible media, Esri has a right to invoice and Customer will pay any such sales or use tax associated with the receipt of tangible media.

8.2 Order Requirements. Esri does not require Customer to issue a purchase order. Customer may submit a purchase order in accordance with its own process requirements, provided that if Customer issues a purchase order, Customer will submit its initial purchase order on the Effective Date. If this is a multi-year Agreement, Customer will submit subsequent purchase orders to Esri at least thirty (30) calendar days before the annual anniversary date for each year.

- a. All orders pertaining to this Agreement will be processed through Customer's centralized point of contact.

- b. The following information will be included in each Ordering Document:

- (1) Customer name; Esri customer number, if known; and bill-to and ship-to addresses
- (2) Order number
- (3) Applicable annual payment due

9.0—MERGERS, ACQUISITIONS, OR DIVESTITURES

If Customer is a commercial entity, Customer will notify Esri in writing in the event of (i) a consolidation, merger, or reorganization of Customer with or into another corporation or entity; (ii) Customer's acquisition of another entity; or (iii) a transfer or sale of all or part of Customer's organization (subsections i, ii, and iii, collectively referred to as "**Ownership Change**"). There will be no decrease in Fee as a result of any Ownership Change.

- 9.1** If an Ownership Change increases the cumulative program count beyond the maximum level for this Agreement, Esri reserves the right to increase the Fee or terminate this Agreement and the parties will negotiate a new agreement.
- 9.2** If an Ownership Change results in transfer or sale of a portion of Customer's organization, that portion of Customer's organization will transfer the Products to Customer or uninstall, remove, and destroy all copies of the Products.
- 9.3** This Agreement may not be assigned to a successor entity as a result of an Ownership Change unless approved by Esri in writing in advance. If the assignment to the new entity is not approved, Customer will require any successor entity to uninstall, remove, and destroy the Products. This Agreement will terminate upon such Ownership Change.

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Bruce Kamilos, General Manager
SUBJECT: **BACKFLOW AND CROSS-CONNECTION CONTROL ORDINANCE**

RECOMMENDATION

It is recommended that the Florin Resource Conservation District Board of Directors adopt Ordinance No. 09.16.25.01, repealing and replacing Ordinance No. 02.15.22.01 and updating backflow and cross-connection control regulations for the Elk Grove Water District.

SUMMARY

The State Water Resources Control Board (State Water Board) adopted the Cross-Connection Control Policy Handbook (CCCPH) effective July 1, 2024, replacing Title 17 regulations. The Elk Grove Water District (District) submitted its required Cross-Connection Control Program (CCCP) on August 21, 2025, which the State Water Board approved on September 5, 2025. To align with the CCCPH, staff recommend adopting Ordinance No. 09.16.25.01, which repeals and replaces Ordinance No. 02.15.22.01 and updates the District's backflow and cross-connection control regulations.

DISCUSSION

Background

The State Water Board adopted the CCCPH on December 19, 2023, with an effective date of July 1, 2024. The CCCPH replaces the former Title 17 cross-connection and backflow prevention regulations. CCCPH adds four (4) significant new components that were not part of Title 17:

- Formal hazard assessments for each service connection, classifying hazards by level (high, low, none) and determining whether existing protection is adequate.
- Use of certified testers and specialists who are accredited by State Water Board-recognized certification programs such as the American Water Works Association.
- Public outreach and education to inform customers about backflow risks and prevention measures.

BACKFLOW AND CROSS-CONNECTION CONTROL ORDINANCE

Page 2

- Coordination with local entities such as the fire department, building department, or environmental health.

Developed under the Safe Drinking Water Act, the CCCPH establishes enforceable statewide standards to protect public health by ensuring public water systems are safeguarded against backflow of contaminants. The CCCPH required all California public water systems to submit a CCCP to the State Water Board Division of Drinking Water by July 1, 2025. The Elk Grove Water District received an extension from the State Water Board to submit its CCCP to the State Water Board by September 1, 2025.

Present Situation

On August 21, 2025, staff submitted the Elk Grove Water District CCCP (Attachment 1) to the State Water Board. On September 5, 2025, the State Water Board provided a letter (Attachment 2) approving the CCCP. Staff developed a new Backflow and Cross-Connection Control Ordinance to align with the requirements of the CCCPH. Ordinance No. 09.16.25.01 repeals and replaces the current Backflow Ordinance No. 02.15.22.01. Among other things, Ordinance No. 09.16.25.01 eliminates all references to Title 17 and instead refers to the CCCPH.

Staff recommend the Florin Resource Conservation District Board of Directors adopt Ordinance No. 09.16.25.01, which repeals and replaces Ordinance No. 02.15.22.01, and updates the backflow and cross-connection control regulations to align with the CCCPH.

ENVIRONMENTAL CONSIDERATIONS

Pursuant to Title 14 of the California Code of Regulations, Section 15061(b)(3), this Ordinance is exempt from the requirements of the California Environmental Quality Act (CEQA) in that it is not a Project which has the potential for causing a significant effect on the environment.

STRATEGIC PLAN CONFORMITY

The recommendation made in this report conforms to Strategic Goal 1, Governance, of the District's Fiscal Year 2025-20 Strategic Plan to monitor, review, and update District policies to adhere to changes in operational, environmental, and legislative requirements.

September 16, 2025

BACKFLOW AND CROSS-CONNECTION CONTROL ORDINANCE

Page 3

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



BRUCE KAMILOS
GENERAL MANAGER

Attachments

ORDINANCE NO. 09.16.25.01

AN ORDINANCE OF THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS REPEALING AND REPLACING ORDINANCE NO. 02.15.22.01 AND UPDATING BACKFLOW AND CROSS-CONNECTION CONTROL REGULATIONS FOR THE ELK GROVE WATER DISTRICT

WHEREAS, in 2022, the Florin Resource Conservation District Board of Directors adopted Ordinance No. 02.15.22.01 to establish backflow and cross-connection control requirements as required by Title 17, Section 7583-7605 of the California Code of Regulations; and

WHEREAS, the State Water Resources Control Board (State Water Board) adopted the Cross-Connection Control Policy Handbook (“CCCPH”) on December 19, 2023; and

WHEREAS, the CCCPH establishes enforceable statewide standards for cross-connection control and requires each public water system to implement a cross-connection control program consistent with its provisions; and

WHEREAS, compliance with the CCCPH is mandatory for all California public water systems; and

WHEREAS, on July 1, 2024, the CCCPH requirements became effective and replaced the previous mandates found in Title 17, Section 7583-7605; and

WHEREAS, to protect the public water system from contamination due to potential and actual cross-connections, the Elk Grove Water District (EGWD) has developed a Cross-Connection Control Program (CCCP) to comply with the CCCPH, which is available for public inspection and on EGWD’s website.

NOW, THEREFORE, THE FLORIN RESOURCE CONSERVATION DISTRICT BOARD OF DIRECTORS HEREBY DETERMINES AND ORDAINS AS FOLLOWS:

SECTION 1. Recitals. The above recitals are true and correct and incorporated herein.

SECTION 2. Repeal and replace. This ordinance including Exhibit A, Ordinance No. 09.16.25.01, repeals and replaces Ordinance No. 02.15.22.01 in its entirety.

SECTION 3. Certification. The Board Secretary shall certify the adoption of this Ordinance.

SECTION 4. Ordinance Effective Date. This ordinance shall take effect upon its adoption.

PASSED, APPROVED AND ADOPTED by the Florin Resource Conservation District Board of Directors on this 16th day of September 2025 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Tom Nelson
Chair

ATTEST:

Stefani Phillips
Board Secretary

APPROVED AS TO FORM:

Gavin Ralph
Legal Counsel

EXHIBIT "A"

**FLORIN RESOURCE CONSERVATION DISTRICT/ELK GROVE WATER DISTRICT
"BACKFLOW AND CROSS-CONNECTION CONTROL ORDINANCE"**

[Attached behind this cover page]

Florin Resource Conservation District/Elk Grove Water District Backflow and Cross-Connection Control Ordinance

Section 1. Purpose

The purpose of this Ordinance is:

- A. To protect Elk Grove Water District's (EGWD) public water system from contamination or pollution by isolating contaminants or pollutants within the customer's water system(s) that could otherwise backflow into the public water system; and
- B. To promote the elimination or control of existing cross-connections, actual and/or potential, within the customer's water system(s); and
- C. To implement an effective cross-connection control program (CCCP) in compliance with the State Water Resources Control Board's (SWRCB) Cross-Connection Control Policy Handbook (CCCPH), effective July 1, 2024, as amended, which establishes enforceable statewide standards for cross-connection control.

Section 2. Definitions

- A. The Water System consists of two parts:
 - 1. EGWD's public water system (PWS)
 - 2. Customer's water system (CWS)
 - 3. Where the PWS and CWS meet is defined as the point-of-connection (POC)
- B. **Point-of-Connection (POC)**
 - 1. Where the PWS meets the CWS.
 - a. For domestic and irrigation water, the POC is at the discharge point of the water meter.
 - b. For fire protection water, the POC is at or nearly at the point where the fire protection water service lateral ties into the PWS distribution main.
- C. **EGWD's Public Water System (PWS)**
 - 1. Consists of supply facilities and the distribution system, including all PWS facilities of the water system under the complete control of the EGWD, up to the POC where the CWS begins.
 - a. The supply facilities shall include all components of the facilities used in production, treatment, storage, and delivery of water to the distribution system.
 - b. The distribution system shall include the network of pipes used for the delivery of water from the supply facilities to the POCs.
- D. **Customer's Water System (CWS)**
 - 1. Consists of those parts of the facilities beyond the POC which are used in conveying potable water to points of use, and/or an auxiliary water supply

such as a private well, pond, rainwater cistern, or other non-public water system supply.

Section 3. Responsibilities

- A. EGWD shall implement and enforce a CCCP consistent with the CCCPH.
- B. The General Manager shall designate a CCCP Coordinator, who shall be certified as a cross-connection control specialist in compliance with the CCCPH, to conduct the reporting, tracking, and other administration duties of the CCCP.
- C. It shall be the customer's responsibility to comply with the CCCP and CCCPH.
- D. If EGWD determines that a backflow prevention assembly (BPA) is required at a POC for the protection of the PWS, EGWD shall notify the customer in writing. The customer shall install, test, and maintain the BPA at their expense within the timeframe required by EGWD.

Section 4. Cross-Connection Protection Requirements

The type of protection that shall be provided to prevent backflow into the PWS shall be commensurate with the degree of hazard, actual or potential, that exists in a CWS. Unprotected cross-connections with the PWS are prohibited. The minimum types of backflow protection required to protect the approved water supply at a POC are listed in the CCCP. Only BPAs that comply with the CCCP shall be installed by a customer. Situations that are not covered in the CCCP shall be evaluated on a case-by-case basis and the appropriate backflow protection shall be determined by EGWD.

Section 5. Enforcement

- A. EGWD shall have the authority to deny or discontinue water service to customers who fail to comply with the requirements of this Ordinance, the CCCP, or the CCCPH. Conditions or water uses that create a basis for water service termination shall include, but are not limited to, the following:
 - 1. Refusal to install or to test a BPA, or to repair or replace a faulty BPA.
 - 2. Unprotected direct or indirect connection between the PWS and a system or equipment containing contaminants.
 - 3. Unprotected direct or indirect connection between the PWS and an auxiliary water system.

Section 6. Fees, Fines, and Penalties

- A. Backflow tag fees, testing fees, and shutoff fees shall be assessed in accordance with the Water Ordinance Schedule of Charges, Rates, Fees, and Deposits.

B. BPAs that fail a test shall be repaired and retested within fourteen (14) calendar days of the initial test. Failure to complete the repair and retest within the required timeframe shall result in the following fines and penalties:

1. A fine of one hundred dollars (\$100), and the BPA must be repaired and retested within the next fourteen (14) calendar days.
2. If the BPA is not repaired and retested within that additional fourteen (14) day period, domestic water service shall be discontinued, and a shutoff fee of one hundred dollars (\$100) shall be assessed.

Section 7. Appeals

A. Any order or decision from EGWD's Cross-Connection Program Coordinator may be appealed in writing to the General Manager within ten (10) business days of the date of the order or decision. The General Manager's decision shall be final.

Section 8. Effective Date

A. This Ordinance shall take effect upon adoption.



ELK GROVE WATER DISTRICT CROSS-CONNECTION CONTROL PROGRAM

Revised: July 2025

**9829 Waterman Road, Elk Grove, CA 95624
Phone: (916) 685-3556 | Email: crossconnection@egwd.org**

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Elk Grove Water District

Cross-Connection Control Program

1. Program Requirements

1.1 Objective

The objective of the Cross-Connection Control Program (CCCP) is to protect public health and ensure that the Elk Grove Water District (EGWD) drinking water distribution system is safeguarded against the backflow of liquids, gases, or other substances that could contaminate the potable water supply.

This objective will be achieved through the establishment, implementation, and enforcement of a CCCP that fully complies with the following regulatory standards:

- The State Water Resources Control Board (SWRCB) Cross-Connection Control Policy Handbook (CCCPH), effective July 1, 2024
- The California Safe Drinking Water Act (*California Health and Safety Code §116270 et seq.*)

1.2 Applicability

This program applies to all premises served by EGWD, Public Water System No. 3410008, including but not limited to:

- Residential properties
- Commercial properties
- Industrial properties
- Institutional properties
- Municipal properties

This requirement applies regardless of the number of service connections on the property.

1.3 Authority

EGWD's CCCP is adopted under the authority of the following:

- California Health and Safety Code (CHSC): §116275, §116555.5, and §116407
- CCCPH, effective July 1, 2024
- Title 22 of the California Code of Regulations
- Florin Resource Conservation District's Backflow and Cross-Connection Control Ordinance (currently Ordinance No. 09.16.25.01, as may be amended; and hereafter referred to as the "Backflow Ordinance")

EGWD retains the legal authority to take corrective action when users fail to comply with the CCCP. Corrective actions may include, but are not limited to:

- Requiring the installation or maintenance of backflow prevention assemblies (BPAs) at the user’s expense
- Applying fines in accordance with the Backflow Ordinance
- Discontinuation of water service

1.4. Program Administration

EGWD will designate a CCCP Coordinator responsible for all aspects of the program’s implementation, administration, and reporting. For systems with more than 3,000 service connections, this individual will be a Certified Cross-Connection Control Specialist (CCCS).

Current CCCS Contact Information:

Name	Sean Hinton
Address	9829 Waterman Rd.
City, State, Zip	Elk Grove, CA 95624
Telephone	(916) 685-3556
CCCS Certification Number	02560

Program Coordinator Responsibilities:

- Overseeing hazard assessments (see Section 2)
- Ensuring the installation and maintenance of required backflow assemblies
- Coordinating with local entities (e.g., building, health, fire departments)
- Managing backflow incident response (see Section 5)
- Conducting public outreach and education (see Section 6)
- Submitting the CCCP and updates to the SWRCB

1.5 Program Components (Minimum Elements Required by Cross Connection Control Policy Handbook)

In accordance with CCCPH Section 3.1.3, EGWD’s CCCP includes the following required components:

1. Operating Rules and Ordinance Authority
2. Designated CCCP Coordinator
3. Hazard Assessments for all service connections (initial and periodic)
4. Backflow Prevention and Elimination of Cross-Connections
5. Use of Certified Backflow Assembly Testers (BATs) and Certified CCCSs
6. Testing and Maintenance of BPAs

7. Recordkeeping (including device inventory, test reports, hazard assessments, and incidents)
8. Backflow Incident Response and Notification Procedures
9. Public Outreach and Education
10. Coordination with Local Entities for hazard verification and incident response support

1.6 Cross Connection Control Plan Updates

- The Plan will be reviewed and updated as necessary to reflect operational changes, substantive program revisions, or new directives issued by the SWRCB.

2. Hazard Assessment

2.1 Purpose

The purpose of hazard assessments is to identify and evaluate existing or potential cross-connections between the EGWD potable water system and any non-potable sources. These assessments determine the appropriate level of backflow protection required at each service connection.

Hazard assessments are fundamental to the prevention of backflow incidents and are required by CCCPH Section 3.2.1.

2.2 Initial Hazard Assessments

EGWD will perform initial hazard assessments of all user premises in its service area.

Each assessment will consider the following factors:

1. Existence of actual or potential cross-connections
2. Use and type of materials present on the premises
3. Complexity and accessibility of piping systems
4. Presence of auxiliary water supplies, pumps, or pressure systems
5. Site-specific conditions that may contribute to backflow risk (e.g., elevation, pressure fluctuations)
6. Accessibility for inspection
7. History of previous backflow incidents
8. Requirements and examples provided in the CCCPH, including Appendix D (High Hazard Premises)

Each hazard will be classified as:

- High Hazard Cross-Connection: Poses a threat to public health (requires reduced pressure principle assembly (RP) or air gap (AG) protection)

- Low Hazard Cross-Connection: Poses an aesthetic or non-health threat (may require double check protection)
- No Hazard: No risk of backflow detected

Initial Hazard Assessment Schedule:

EGWD will complete its initial hazard assessment of all service connections by December 31, 2027. This timeframe aligns with available staffing resources and prioritizes connections with the highest potential risk to public health. Annual progress will be reviewed and documented in the District’s CCCP, with adjustments made as needed.

2.3 Follow-Up Hazard Assessments

EGWD will conduct follow-up assessments under any of the following conditions:

- Change in account holder (non-residential premises)
- Reconnection or new connection to the water system
- Evidence of changes in use, materials, or processes at a site
- Any known backflow incident
- At the direction of the SWRCB
- When the previous assessment no longer accurately reflects actual conditions

2.4 Review and Certification

All initial and follow-up hazard assessments will be:

- Conducted or reviewed by a CCCS
- Documented with a written statement confirming the hazard classification and required backflow protection
- Maintained as part of the system’s permanent record in accordance with CCCPH Section 3.5.1

2.5 User Cooperation

Water users must provide access to EGWD personnel for hazard assessments. Failure to cooperate may result in:

- Mandatory installation of the highest level of backflow protection (e.g., RP or AG)
- Suspension of water service until the assessment is completed
- Enforcement actions as authorized by the Backflow Ordinance

3. Backflow Prevention Assemblies and Requirements

3.1 General Requirements for Backflow Protection

EGWD shall ensure that all actual or potential cross-connections are either eliminated or protected by approved BPAs or AGs, as required by the degree of hazard determined through hazard assessment.

BPAs must be:

- Listed by the University of Southern California Foundation for Cross-Connection Control and Hydraulic Research (USC-FCCCHR)
- Installed in accordance with the manufacturer’s specifications, EGWD Standards, and USC Manual of Cross-Connection Control, unless more stringent standards apply
- Maintained, tested, and inspected regularly (see Section 4)

3.2 Minimum Required Protection Levels

In accordance with CCCPH Section 3.2.2 and Appendix D, EGWD requires the following minimum backflow protection:

Degree of Hazard	Minimum Required Backflow Protection
High Hazard	Reduced Pressure Principle Assembly (RP), Reduced Pressure Principle Detector Assembly (RPDA), Reduced Pressure Principle Detector Assembly Type II (RPDA-II), or Air Gap (AG)
Low Hazard	Double Check Valve Assembly (DC), Double Check Detector Assembly (DCDA), or Double Check Detector Assembly Type II (DCDA-II)
Back-siphonage Only	Pressure Vacuum Breaker (PVB) or Spill-Resistant PVB (SVB), where permitted

When a listed assembly type is required to protect against a hazard on a premise that also has a fire protection system, the appropriate detector version of the assembly type (e.g., RPDA or DCDA) shall be used.

3.3 Premises Containment Policy

EGWD uses premises containment as the standard means of protection. All BPAs must be installed as close as practical to the user’s service connection, typically immediately downstream of the meter or point-of-connection for fire services.

No connections (e.g., tees, taps, bypasses) may be made upstream of the BPA.

3.4 Installation Criteria

All BPAs must be:

- Installed 12 to 36 inches above finished grade
- Provided with 24 inches of horizontal clearance on at least one side
- Protected from freezing, flooding, and unauthorized access (e.g., Christy’s freeze blankets, lockable enclosures)
- Installed in the approved orientation and configuration with no modifications from approved models
- Located to allow easy access for testing, maintenance, and inspection

BPA installations must be inspected by EGWD prior to service activation or backfill of construction.

3.5 Backflow Assemblies for Specific Premises

The EGWD Premises List defines required BPA types based on premise category. Examples include:

1. Automotive Repair and Service Facilities – RP
2. Autopsy Facilities – RP
3. Auxiliary Water Systems (residential and non-residential) – RP
4. Bars – RP
5. Beverage Bottling Plant – RP
6. Breweries – RP
7. Buildings
 - a. Any building with sewage pumps or ejectors – RP
 - b. Any building containing non-potable water reuse systems utilizing pumps – RP
 - c. Any building containing mechanical equipment using chemicals with a potable water makeup line connected to the mechanical equipment. – RP
 - d. Any building containing a carbonator (soft drink dispenser) – RP
 - e. Any non-residential or non-single family residential with an ornamental fountain – RP
 - f. Multi-storied building with over 40 feet in height from service connection or that uses booster pumps or elevated storage tank to distribute water on site – RP
 - g. Any commercial structure in which the specific business activity cannot be ascertained or is subject to change without a building permit – RP
8. Fire Protection Services.
 - a. Serving Commercial Fire Sprinkler Systems and/or Private Fire Hydrants
 1. Systems using only the EGWD water supply –DCDA or DCDA-II.
 2. Systems using the EGWD water supply and that also contain chemical additives, on site water storage, auxiliary water supplies or fire booster pumps – RP
 - b. Serving Residential Fire Sprinkler Systems
 1. Systems using only the EGWD water supply through a combination service

- connection (domestic and fire) – DC
2. Systems using only the EGWD water supply through a separate service connection (fire only) – DC
 3. Systems using the EGWD water supply through a combination service connection (domestic and fire) and that also contain chemical additives, on site water storage, auxiliary water supplies or fire booster pumps – RP
 4. Systems using the EGWD water supply through a separate service connection (fire only) and that also contain chemical additives, on site water storage, auxiliary water supplies or fire booster pumps – RP
 5. Systems using only the EGWD water supply that are constructed using a passive purge system where potable water flows completely through the piping (no dead ends) to prevent stagnant water. – None (if all the following are true / Otherwise – RP
 - a. The premises have only one service connection to the PWS
 - b. A single service line enters the premises and splits on the property into domestic and fire flows (so the fire system can be isolated from the rest of the premises)
 - c. A single water meter that measures combined domestic plus fire flow
 - d. The fire system piping materials are NSF/ANSI certified
9. Chemical Plants – Any premises, where the manufacturing, storing, compounding, or processing of chemicals occurs. Where chemicals are used as additives in the processing of products. – RP
 10. Commercial Kitchens or Food Preparation Facilities – RP
 11. Convalescent Homes – RP
 12. Dairy Processing Plants – RP
 13. Dental Clinics – RP
 14. Dry Cleaning Facilities – RP
 15. Fuel Storage or Dispensing Facilities – RP
 16. Film Processing Facilities – RP
 17. Florists – RP
 18. Grocery Stores – RP
 19. Hazardous or potentially hazardous treatment processes with pumping equipment – RP
 20. Hospitals – RP
 21. Ice Manufacturing Plants – RP
 22. Indoor Fitness facilities with a Spa or Pool – RP
 23. Irrigation systems with capabilities for injecting fertilizers, or hazardous chemicals. – RP
 24. Irrigation systems only single use meter – RP
 25. Laboratories – including, but not limited to, teaching institutions, biological and analytical facilities. – RP
 26. Laundries (Commercial) – RP
 27. Lawn irrigation system – Vacuum Breaker
 28. Massage Therapy Clinics and Spas – RP
 29. Medical Building and Clinics – RP

30. Metal Manufacturing, Cleaning, Processing or Fabricating Plants – RP
31. Morgues – RP
32. Mortuaries – RP
33. Multiple Services: Includes two or more interconnected services provided by one or more water suppliers to a single Owner and/or Operator complex – RP
34. Nursing Homes – RP
35. Oil/Gas Production, Storage or Transmission premises – RP
36. Paper and Paper Products Manufacturing Plants – RP
37. Pet Stores – RP
38. Plastic Manufacturing, Extruding and Injection Molding – RP
39. Plating Plants – RP
40. Public or Commercial Swimming Pool – RP
41. Portable Spray or Cleaning Equipment which can be connected to the EGWD water system – RP
42. Radioactive Materials or Substances processing or storage – AG
43. Recycled Water – This includes premises where recycled water is used with no interconnection to the EGWD water system – RP
44. Restaurant – RP
45. Restricted, Classified, or Other Closed Facilities – RP
46. Rubber Manufacturing – RP
47. Salon, Hair and/or Nails - RP
48. Sand and Gravel Plants – RP
49. Sanitariums – RP
50. Schools, Colleges and University – RP
51. Sewer Treatment Facilities – AG
52. Solar Heating
 - a. Solar collection systems that contain hazardous materials and have a direct connection to the EGWD water system. – RP
 - b. Solar systems that are once-through such as domestic hot water systems do not require protection.
53. Tank Trucks – AG
54. Vehicle Washing Facilities – RP
55. Veterinary Facilities, Kennels, Animal Boarding – RP

If a premise activity changes, EGWD may require the BPA to be upgraded to a higher level of protection.

3.6 Approved Backflow Prevention Assemblies

Only BPAs approved by USC-FCCCHR and in compliance with American Water Works Association (AWWA)/American National Standards Institute C510 and C511 standards are permitted.

3.7 Legacy Devices

Backflow assemblies installed before the effective date of this program that are no longer on the USC-FCCCHR list may remain in service if approved by EGWD's CCCS and:

- Continue to pass annual testing
- Are not relocated or significantly modified
- Do not pose an identified public health hazard

If these conditions are not met, the device must be replaced with an approved BPA at the customer's expense.

4. Testing, Inspection, Repair and Maintenance of Backflow Prevention Assemblies

4.1 Purpose

This section outlines EGWD's requirements for field testing, inspection, repair, and maintenance of BPAs and AGs, in compliance with CCCPH Sections 3.3.3 and 3.5.1.

Proper operation of BPAs is essential for the continued protection of the public water system from backflow contamination events.

4.2 General Testing and Inspection Requirements

All BPAs relied upon to protect the public water system must be:

- Tested and inspected at the time of installation
- Field tested at least annually thereafter
- Re-tested:
 - After any repair
 - After relocation or reinstallation
 - After any backflow incident
 - If the device is suspected to be inoperable
 - Any time required by EGWD due to hazard level or repeated failures

AGs shall be visually inspected annually and after any modification or repair.

4.3 Testing Procedures

Field testing shall be conducted using methods and procedures listed in:

- Current edition of the USC-FCCCHR Manual of Cross-Connection Control
- California Nevada Section of the AWWA approved testing procedures

4.4 Testing Personnel

Testing may only be performed by individuals who are:

- BATs as defined by CCCPH Section 3.4.1
- Pre-approved by EGWD
- Using test kits with documented calibration (within the past 12 months)

A current list of approved BATs will be maintained and published annually by EGWD.

4.5 Test Reports

Test results must include, at a minimum:

- Device location and serial number
- Test date and time
- Type and model of BPA
- Test results and observations
- Name, contact info, and certification number of the BAT
- Signature of the tester

Test report submission requirements:

All backflow test reports, tester certifications, and test kit calibrations must be submitted through the SwiftComply portal, which serves as the official system for maintaining our testing records. For training on how to enter test results, upload certifications, or submit test kit calibration information, backflow professionals should contact SwiftComply at support@swiftcomply.com or by calling (619) 304-6022.

Submission Deadline:

Testers are required to upload completed test reports to the SwiftComply database within five (5) calendar days after conducting a test.

4.6 Repairs and Retesting

If a BPA fails testing:

- The customer must complete repairs within 14 calendar days
- Only Original Equipment Manufacturer (OEM) parts may be used
- If OEM parts are not available, the device must be replaced with an approved BPA
- Failed devices tested by an EGWD contractor cannot be repaired by the same contractor
- A retest must be conducted by an approved BAT and results submitted as outlined in Section 4.5 of the CCCP

4.7 Failure to Comply

Failure to test, repair, or report a BPA in accordance with these requirements may result in:

- Notification of violation
- Testing by an EGWD contractor at the customer's expense
- Applying fines in accordance with Backflow Ordinance
- Discontinuation of water service

4.8 Testing Frequency Summary Table

Trigger Event	Testing/Inspection Requirement
New installation	Field test prior to service activation
Annual testing	Test at least once per calendar year
After repair, relocation, or incident	Retest immediately
AG installations	Annual visual inspection
High-risk or repeat failure sites	More frequent testing as required by EGWD

5. Backflow Incident Response and Notification

5.1 Purpose

This section establishes the procedures EGWD will follow to identify, investigate, report, and mitigate suspected or confirmed backflow incidents that may compromise the integrity of the public water system. These procedures are required under CCCPH Sections 3.5.2 and 3.5.3.

5.2 Definitions

- Backflow Incident: An event in which water or another substance flows from a user's premises back into the public water system, potentially introducing contaminants or pollutants.
- Suspected Backflow Incident: An occurrence or condition that suggests a backflow event may have taken place, pending investigation.

5.3 Incident Response Procedure

EGWD shall respond to backflow incidents as follows:

1. Detection

Backflow incidents may be identified through:

- Customer reports (e.g., discoloration, odor, illness)

- Operational anomalies (e.g., unexpected flow reversals, pressure drops)
- Water quality monitoring data
- Reports from fire departments, health agencies, or EGWD staff

2. Immediate Action

Upon suspected or confirmed detection:

- Dispatch EGWD CCCS or trained staff to the location within 1 hour
- Shut off service to the suspected source if necessary
- Isolate affected segments of the distribution system
- Notify internal management, local health officials, and emergency responders as needed

3. Investigation

The CCCS shall:

- Conduct on-site inspection and interviews
- Identify source, type, and extent of the backflow
- Determine whether the installed BPA or AG was effective or bypassed
- Collect water samples for laboratory testing if contamination is suspected

4. Documentation

The CCCS will complete a Backflow Incident Report containing:

- Time, date, and location of the incident
- Source and cause of the backflow
- Premises involved
- Type of contamination (if known or suspected)
- Actions taken (isolation, flushing, notifications)
- Recommendations and required follow-up

A sample incident report form is included in Appendix F of the CCCPH.

5.4 Notification

Customer Notification

Affected customers will be notified via:

- Door hangers, phone calls, or mass notification systems (e.g., Sacramento County Office of Emergency Services)
- Instructions for flushing, boiling, or avoiding water use
- Estimated timeline for resolution

Regulatory Notification

For any confirmed backflow incident, EGWD shall:

- Notify the SWRCB, Division of Drinking Water, within 24 hours of the incident
- Notify the Sacramento County Environmental Management Department (EMD) within 24 hours of the incident

5.5 Remediation and Follow-Up

- Affected service areas will be flushed and tested to verify water quality
- Any compromised BPAs will be repaired or replaced by the customer before reconnection
- The CCCS will verify resolution and document findings
- EGWD may conduct expanded hazard assessments to identify systemic vulnerabilities

5.6 Public Health Protection

If the backflow incident poses an imminent health hazard, EGWD shall:

- Immediately discontinue water service to the affected property
- Require installation or upgrade of backflow protection before restoring service
- Involve local or state health authorities for further evaluation and corrective action

6. Recordkeeping, Public Outreach, and Local Coordination

6.1 Recordkeeping Requirements

EGWD shall maintain a secure, accessible, and up to date cross-connection control database which documents all essential program elements as required by CCCPH Section 3.5.1.

The database shall include:

- An inventory of all installed BPAs, including:
 - Device type, make, model, size and serial number
 - Physical location (address, GPS if available) and owner
 - Date of installation
 - Degree of hazard
- An inventory of all installed AGs, including:
 - Associated hazard
 - Physical location (address, GPS if available) and owner
 - As-built plans of AG
- Test and maintenance history:
 - Test dates and results
 - Repairs performed, repair date and parts used
 - Tester's name and certification number

- Repair or replacement records for previous three calendar years
- Hazard assessment records:
 - Initial and follow-up hazard assessments, or the two most recent hazard assessments
 - Assessed hazard level and required protection
 - Associated premises and users
- Backflow incident reports and response actions
- Notices issued for noncompliance and enforcement actions
- BAT certifications and test kit calibration records
- Copies of any current contracts or agreements to carry out any portion of the CCCP

Records shall be made available to the SWRCB upon request.

6.2 Public Outreach and Education

In compliance with CCCPH Section 3.1.3(a)(9), EGWD will implement a public education program to promote awareness of cross-connection hazards and backflow prevention requirements.

Educational materials may include:

- Water bill inserts
- Newsletters Consumer Confidence Reports
- EGWD website FAQs

EGWD will maintain records of the educational materials issued for the previous three calendar years.

6.3 Local Entity Coordination

In accordance with CCCPH Section 3.1.3(a)(10), EGWD shall coordinate with relevant local entities to ensure alignment of enforcement, inspections, and hazard control efforts.

Coordination includes:

- Building and planning departments: For construction, remodels, and change-of-use notifications
- Fire departments: For fire protection systems, especially those with booster pumps or chemical additives
- Sacramento County EMD: For reporting backflow incidents and hazardous premises
- Code enforcement officers: For support in access disputes or enforcement needs
- School districts, hospitals, and municipal agencies: For compliance and hazard classification reviews

6.4 User Supervisors (If Applicable)

When required by CCCPH Section 3.2.2(f), EGWD may require a designated User Supervisor for high-risk or complex sites. This individual shall be:

- Identified in the site’s hazard assessment
- Responsible for preventing cross-connections within the user’s system
- Serve as the primary point of contact for EGWD inspections and incident response

7. Enforcement, Fees, and Appeals

7.1 Enforcement Authority

EGWD has the legal authority to enforce this CCCP under:

- Backflow Ordinance
- CHSC, Sections 116555, 116407
- CCCPH, Section 3.1.3(a)(1)

Enforcement actions will be taken when a water user fails to comply with the program’s requirements related to:

- Installation, testing, and maintenance of required BPAs or AGs
- Hazard assessments
- Notification of water use changes
- Backflow incident investigation or response

7.2 Violations and Corrective Actions

The following conditions constitute violations subject to enforcement:

Violation	Corrective Action
Failure to install required BPA	Written notice requiring installation of compliant BPA within specific deadline
Failure to inspect BPA on annual schedule	A contracted BAT will test the customers device and the EGWD will bill the customer for the test
Failed device not repaired during test	First 14-day notice
Failure to repair or replace failed device within the 14-day notice	Second 14-day notice
Failure to repair or replace failed device by day 31 of the notice	Penalties in accordance with the Backflow Ordinance

If no corrective action is taken within the deadline, EGWD may discontinue water service, including physically disconnecting the customer’s service line until full compliance is achieved.

7.3 Emergency Authority

In the case of an imminent or actual threat to public health due to cross-connection or backflow, EGWD may:

- Shut off water service immediately and without prior notice
- Notify SWRCB Division of Drinking Water and Sacramento County EMD
- Require correction and formal clearance before service restoration

7.4 Fee Schedule

Fees shall be assessed for the following services related to the CCCP:

Service	Fee
Annual Backflow Test Report Tag	Per the Schedule of Charges, Rates, Fees and Deposits Ordinance
Tag Replacement Fee	Per the Schedule of Charges, Rates, Fees and Deposits Ordinance
EGWD-Contracted BPA Test	Actual cost + cost for tag and to enter test into database
Additional inspections or site visits	Charged for time and materials
Day 31 after receiving the 30-day notice to repair or replace failed device	Per the Backflow Ordinance

7.5 Appeals

Customers may appeal any enforcement action under the CCCP in accordance with the appeal provisions set forth in the Backflow Ordinance.

Abbreviations

AG	Air Gap
AWWA	American Water Works Association
BAT	Backflow Assembly Testers
BPA	Backflow Prevention Assemblies
CHSC	California Health and Safety Code
CCCP	Cross-Connection Control Program
CCCPH	Cross-Connection Control Policy Handbook
CCCS	Cross-Connection Control Specialist
CL	Critical Level or Critical Installation Level
DCVA	Double Check Valve Assembly
DCDA	Double Check Detector Backflow Device
DCDA-II	Double Check Detector Backflow Device Type II
EGWD	Elk Grove Water District, a division of the Florin Resource Conservation District
FRCD	Florin Resource Conservation District
OEM	Original Equipment Manufacturer
PSI	Pounds per Square Inch
PSIA	Pounds per Square Inch Absolute
PVB	Pressure Vacuum Breaker
RP	Reduced Pressure
RPBA	Reduced Pressure Principle
RPDA	Reduced Pressure Principle Detector Backflow Device
RPDA-II	Reduced Pressure Principle Detector Backflow Device Type II
SWRCB	State Water Resources Control Board
(USC-FCCCHR)	University of Southern California Foundation for Cross-Connection Control and Hydraulic Research

Definitions

A

Absolute Pressure: The combined total of gauge pressure and atmospheric pressure, usually expressed in pounds per square inch absolute (psia).

Accessible: Reachable for testing and maintenance of a backflow prevention device, possibly requiring removal of an access panel or door.

Administrative Authority: The official or entity designated by law to oversee and enforce Cross Connection Control Program regulations. Also known as the Authority Having Jurisdiction.

Air Gap (AG) (ANSI A112.1.2): A vertical physical separation between the potable water outlet and the flood level of a receiving vessel. The minimum separation must be twice the diameter of the outlet pipe and no less than 1 inch. *Figure 1: Air-Gap Separation*

Approved Backflow Prevention Device: A device approved by the Administrative Authority based on satisfactory lab and field testing.

Approved Check Valve: A drip-tight valve preventing reverse flow at inlet pressures ≥ 1 psi and zero outlet pressure. It closes quickly using an internally loaded mechanism.

Approved Testing Laboratory: An organization like the Foundation for Cross-Connection Control and Hydraulic Research (FCCCHR) or equivalent that tests backflow devices.

Approved Water Supply: A public potable supply authorized by the local health agency and operating under a valid health permit.

Aspirator: A device that generates suction by accelerating fluid through a narrow section (venturi), lowering pressure to below atmospheric.

Aspirator Effect: Suction caused by fluid velocity increase through a restriction or undersized piping.

Atmospheric Pressure: The pressure exerted by the atmosphere; approximately 14.7 psia at sea level.

Atmospheric Vacuum Breaker (AVB) (ASSE 1001): A device preventing back-siphonage by admitting air when flow stops. It must not be pressurized continuously for more than 12 hours daily.

Auxiliary Water Supply: Any non-EGWD water source on a property, such as wells, rivers, or other utilities, which may be uncontrollable or unsafe.

B

Backflow: Reverse flow of contaminants into potable water pipes. See Backpressure and Backsiphonage.

Backflow Prevention Device: Equipment that prevents backflow based on the hazard level. Types include AVB, DC, DCDA, RP, PVB, etc.

Backpressure: Downstream pressure exceeding supply pressure due to pumps, elevation, or other sources.

Backsiphonage: Reverse flow caused by sub-atmospheric pressure in the supply system.

C

Certified Backflow Tester: A qualified individual certified by the Authority Having Jurisdiction or an approved program.

Customer: Anyone owning or operating a water system connected to a public potable supply, including tenants and property managers.

Customer's Potable Water System: The section of the private water system from the delivery point to the usage point.

Customer's Water System(s): Any on-premise water system, whether supplied by EGWD or another source.

Containment Protection (Service Protection): The protective measure at the terminal end of a service connection to guard against backflow.

Contaminant / Health Hazard: Any substance that poses a health risk through water contamination.

Critical Level: The minimum required height above the flood level rim for installation of vacuum breakers, marked as "C-L."

Critical Service: A water service that must not be interrupted due to its essential function.

Cross-Connection: A potential or actual connection between potable and non-potable systems that could allow contamination.

Cross Connection Control Specialist: A certified professional designated by EGWD to manage backflow prevention oversight.

D

Direct Cross Connection: A cross-connection exposed to both backpressure and backsiphonage.

Discontinued Service: EGWD has turned off water service.

Indirect Cross Connection: A cross-connection exposed only to backsiphonage.

Degree of Hazard: Classification of the potential contaminant as a pollutant (non-health hazard) or a contaminant (health hazard).

Double Check Valve Assembly (DCVA) (ASSE 1015): A device with two independent check valves, resilient shutoff valves, and test cocks (TC). Protects against non-health hazards.

Double Check Detector Assembly (DCDA) (ASSE 1048): A DC device with a bypass and meter to detect unauthorized use. Used for non-health hazards, mainly fire sprinklers. See

Double Check Detector Assembly Type II (DCDA-II) (ASSE 1048): Similar to DCDA but the bypass is around the second check.

Cross-Connection Control Forms

(Continued on Next Page)

Preliminary Cross-Connection Control Hazard Survey Report

Non-Residential Customers

- Customer/Business Name:
- Service Address:
- Phone Number:
- Business Description:

Is your business or premises one of the types listed below? (Check all that apply)

- Agricultural (farm or dairy)
- Beverage bottling plant
- Car wash
- Chemical plant
- Commercial laundry or dry cleaners
- Dual water service (reclaimed and potable)
- Film processing facility
- Food processing plant
- Healthcare facilities (hospital, clinic, nursing home, veterinary, dental, etc.)
- Separate irrigation system using chemicals*
- Laboratory
- Metal plating industry
- Mortuary
- Petroleum processing/storage facility
- Pier or dock
- Radioactive materials processing facility or nuclear reactor
- Restricted or denied survey access
- Wastewater lift or pump station
- Wastewater treatment plant
- Auxiliary (unapproved) water source connected to potable system
- Other (describe): _____

*Examples: parks, playgrounds, golf courses, cemeteries, etc.

Additional Cross-Connection Concerns:

Irrigation system

Fire sprinkler system – uses chemicals/anti-freeze: Yes No

Swimming pool

Other (describe): _____

Note to Customer: This form is for preliminary assessment only. EGWD may require a detailed cross-connection inspection at a later time.

Completed By (Print Name): _____

Date: _____

Please return this form by {Insert Due Date} to: {Insert Recipient Name and Address}

Cross-Connection Control Hazard Survey Report

Non-Residential Customers

Survey Date: _____

Customer Information

- Business Name:
- Phone Number:
- Service Address:
- ZIP Code:
- Contact Person:
- Title:
- Premises Description:
- Water Use Description:

Water Services and Backflow Prevention Assemblies

Service Type	Service Size	Meter Size	BPA Size	BPA Type
Domestic				
Fire				
Irrigation				
Other				

Cross-Connection Control Specialist Information

- Name:
- Phone Number:
- Company:
- Address:
- ZIP Code:
- Certification #:
- Year Certified:

Cross-Connection Control Hazard Survey Report — Page 2

Survey Findings

Item | Cross-Connection Location & Description | Backflow Prevention Provided/Required

(Use additional pages as needed)

Surveyor Comments:

Cross-Connection Control Hazard Survey Report — Page 3

Surveyor Recommendations & Certification

I certify that the findings in this report accurately represent the cross-connection risks present on the customer's premises. Based on this survey:

1. Type(s) of premises isolation backflow preventer(s) found:

Air Gap RPBA/RPDA DCVA/DCDA None

2. Are the existing devices properly installed?

Yes No N/A

3. Are the existing devices appropriate for the degree of hazard?

Yes No N/A

4. If no device is installed, recommend installation of:

Air Gap RPBA/RPDA DCVA/DCDA N/A

5. If existing device is inadequate, recommend replacement with:

Air Gap RPBA/RPDA DCVA/DCDA N/A

CCCS Signature: _____ Date: _____

Premises Owner/Authorized Agent Signature: _____ Date:

Note: EGWD's survey requirement does not imply plumbing system approval, compliance with plumbing code, or guarantee of no cross-connections.

Water Use Questionnaire

Residential Customers

- Customer Name:
- Account Number (optional):
- Address Line 1:
- Address Line 2:

Please indicate if any of the following are present on your property:

- Yes No — Underground sprinkler system
- Yes No — Water treatment system (e.g., water softener)
- Yes No — Solar heating system
- Yes No — Residential fire sprinkler system
- Yes No — Additional water source (connected or not)
- Yes No — Sewage pumping or greywater system
- Yes No — Boat moorage with water supply
- Yes No — Hobby farm
- Yes No — Animal watering troughs
- Yes No — Swimming pool or spa
- Yes No — Greenhouse
- Yes No — Decorative pond
- Yes No — Photo lab or darkroom
- Yes No — Home-based business (e.g., salon, machine shop). If yes, describe:

If yes, please describe: _____

Completed by (Print Name): _____

Date: _____

Resident's Signature: _____



State Water Resources Control Board
Division of Drinking Water

September 5, 2025

PWS No. 3410008

Bruce Kamilos
Elk Grove Water District
9829 Waterman Road
Elk Grove, CA 95624

**ELK GROVE WATER DISTRICT PUBLIC WATER SYSTEM (PWS No. 3410008)
REVISED CROSS-CONNECTION CONTROL PLAN REVIEW**

On August 21, 2025, the State Water Resources Control Board, Division of Drinking Water (Division), received an email from the Elk Grove Water District regarding the revised Cross-Connection Control Plan (CCCP) for the Elk Grove Water District public water system (PWS No. 3410008).

The CCCP was submitted in accordance with Section 3.1.4, Article 1, Chapter 3 of the Cross-Connection Control Policy Handbook.

The CCCP has been reviewed by Jonathan Sorunke, P.E., at this office, and the Division notes no exception to the CCCP.

A public water system (PWS) must ensure its CCCP is, at all times, representative of the current operation of its Cross-Connection Control program. The PWS must make its CCCP available to the Division for review upon request. If a PWS makes a substantive revision to its CCCP, the PWS must submit the revised CCCP to the Division for review.

If you have any questions, or if we can be of any assistance, please do not hesitate to contact Jonathan Sorunke at: jonathan.sorunke@waterboards.ca.gov or by telephone at (916) 341-5137.

Sincerely,

A handwritten signature in blue ink, appearing to read "Austin Peterson".

Austin Peterson, P.E.
Sacramento District Engineer
Division of Drinking Water
STATE WATER RESOURCES CONTROL BOARD

Enclosure: CCCP Review Memorandum

cc. Jonathan Sorunke, P.E. – Water Resource Control Engineer, DDW, SWRCB

State Water Resources Control Board
Division of Drinking Water

TO: Austin Peterson, P.E.
Sacramento District Engineer
SACRAMENTO DISTRICT OFFICE
DIVISION OF DRINKING WATER

FROM: Jonathan Sorunke, P.E.
Water Resource Control Engineer
SACRAMENTO DISTRICT OFFICE
DIVISION OF DRINKING WATER

Jonathan Sorunke
Digitally signed by
Jonathan Sorunke
Date: 2025.09.05
11:40:32 -07'00'

DATE: September 5, 2025

SUBJECT: ELK GROVE WATER DISTRICT PUBLIC WATER SYSTEM (PWS NO. 3410008) – CROSS-CONNECTION CONTROL PLAN

On August 21, 2025, the State Water Resources Control Board, Division of Drinking Water (Division) received an email from the Elk Grove Water District (Water System, PWS No. 3410008) with a copy of its revised Cross-Connection Control Plan (CCCP). The Division has reviewed the plan and has provided comments on the plan below.

Sections 116407 & 116555.5, Article 3, Chapter 4 Division 104 of the California Health and Safety Code (CH&SC) states that:

“§116407. (c) (1) Upon the effective date of a policy handbook adopted by the state board pursuant to subdivision (b), the regulations set forth in Article 1 (commencing with Section 7583) and Article 2 (commencing with Section 7601) of Group 4 of Subchapter 1 of Chapter 5 of Division 1 of Title 17 of the California Code of Regulations shall become inoperative, and, 90 days thereafter, are repealed, unless the state board makes a determination not to repeal a specific regulation.

§116555.5. A public water system shall implement a cross-connection control program that complies with applicable regulations and with standards adopted by the board pursuant to Section 116407.”

Section 3.1.4 (b) of the Cross-Connection Control Policy Handbook (CCCPH) states:

“(b) The Cross-Connection Control Plan for a community water system must include, at a minimum, the following cross-connection control program procedures and documentation:...”

Upon review of the Water System’s CCCP, the Division has the following comments:

1. Per the submitted CCCP, the Water System anticipates to complete its initial hazard assessment by December 31, 2027. Once the findings of the assessment are provided to the Water System, the report shall be attached to the CCCP and resubmitted to the Division. The Division takes no exception to this CCCP.

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Travis Franklin, Program Manager
SUBJECT: **LEGISLATIVE MATTERS AND POTENTIAL DIRECTION TO STAFF**

RECOMMENDATION

This item is presented as information although the Florin Resource Conservation District Board of Directors may provide an action to authorize staff to respond to a legislative item.

SUMMARY

There are several bills that have been introduced in the 2025 legislative session that could potentially impact the Florin Resource Conservation District/Elk Grove Water District (District) if passed. These bills are highlighted below.

DISCUSSION

Background

The Florin Resource Conservation District (FRCD) Board of Directors (Board) is periodically updated on legislative and regulatory issues.

Present Situation

The 2025 legislative session ended on September 12th and the Governor is required to sign bills by October 12th for them to become law.

The following is a list of bills that we tracked that are still pending action by the legislature this session:

AB 93 (Papan D) Water resources: demands: data centers.

This bill would impose water efficiency requirements on data centers and would require inclusion of water delivered to data centers in a water agency cost-of-service analysis. California Special Districts Association (CSDA), and Regional Water Authority (RWA) are a watch on this bill. The Association of California Water Agencies (ACWA) has an oppose unless amended position looking to remove urban water use objective language from the bill.

LEGISLATIVE MATTERS AND POTENTIAL DIRECTION TO STAFF

Page 2

AB 709 (Gonzalez R) Sustainable Groundwater Management Act: groundwater sustainability plans.

Existing law, the Sustainable Groundwater Management Act, requires all groundwater basins designated as high- or medium-priority basins by the Department of Water Resources to be managed under a groundwater sustainability plan or coordinated groundwater sustainability plans(GSP). The act requires a groundwater sustainability agency(GSA), upon adoption of a GSP, to submit the GSP to the department for review. If GSA develop multiple GSPs for a basin, the act requires, when the entire basin is covered by GSP, the GSA to jointly submit to the department the GSP, an explanation of how the plans satisfy specified provisions of the act, and a copy of the coordination agreement between the GSA. The act requires the department to evaluate a GSP within 2 years of its submission and issue an assessment of the plan. This bill would provide that nothing in those provisions relating to making submissions to the department shall be construed to prohibit GSA that have developed multiple GSP for a basin from amending the coordination agreement following department issuance of an assessment of the plans. RWA and CSDA are watching this bill.

SB 224 (Hurtado D) Department of Water Resources: water supply forecasting.

This bill would require the Department of Water Resources, on or before January 1, 2027, to adopt a new water supply forecasting model and procedures that better address the effects of climate change and implement a formal policy and procedures for documenting the department's operational plans and the department's rationale for its operating procedures, including the department's rationale for water releases from reservoirs. CSDA and RWA have a watch position.

The following are the bills we have tracked that have made it to the governor's desk for signing:

AB 428 (Rubio D) Joint powers agreements: water corporations.

This bill would authorize a water corporation, a mutual water company, and one or more public agencies to provide insurance by a joint powers agreement. The bill would also authorize a water corporation, a mutual water company, and one or more public agencies to enter into a joint powers agreement for the purposes of risk pooling. The bill would prohibit the Public Utilities Commission from allowing a water corporation to join a joint powers agency for insurance coverage if there are no greater benefits to the customers of the water corporation than are provided by the water corporation's current insurance policy. The bill would require the joint powers agency to be 100% reinsured with no joint

LEGISLATIVE MATTERS AND POTENTIAL DIRECTION TO STAFF

Page 3

and several liability, no assessments, and no financial liability attributable to the participating members, as provided. CSDA and RWA have a watch position and ACWA is not tracking.

AB 620 (Jackson D) Medium- and Heavy-Duty Zero-Emission Vehicle Fleet Purchasing Assistance Program: rental vehicles.

This bill or other regulations that are regarding the procurement or use of medium- and heavy-duty zero-emission vehicles by a public or private fleet, would require the state board to consider specified things, including the environmental and supply chain benefits of renting medium- and heavy-duty zero-emission vehicles compared to procuring them. RWA is watching this bill and CSDA supports this bill.

SB 394 (Allen D) Water theft: fire hydrants.

This bill would add to the list of acts for which a utility may bring a civil cause of action to include tampering with a fire hydrant, fire hydrant meter, or fire detector check, or diverting water from a fire hydrant from an unauthorized connection. This bill would add to the ability to issue fines for this specified water theft. ACWA is a co-sponsor of the bill and EGWD joined a coalition, RWA and CSDA have a support position.

The following is a list of bills that we tracked that were not passed by the legislature this session:

AB 532 (Ransom D) Water rate assistance program.

This bill would authorize an urban retail water supplier to provide water rate assistance to its ratepayers, and would define the term “water rate assistance” to mean any offset of the cost of water service provided through a low-income water rate assistance program, without violating constitutional restrictions. The bill would authorize the water rate assistance to be provided to specified eligible ratepayers. The bill would authorize an urban retail water supplier to use any funding it has available to provide water rate assistance to its ratepayers, as specified, including voluntary contributions sought from other ratepayers. The bill would require an urban retail water supplier to, beginning January 1, 2028, include in the technical report to the state board specified information regarding its water rate assistance program. RWA and CSDA supports this bill, ACWA has a favor position on this bill.

Staff will continue to monitor these bills along with any other bills which may affect District operations.

LEGISLATIVE MATTERS AND POTENTIAL DIRECTION TO STAFF

Page 4

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

Monitoring, advocating and developing legislation complies with the District's Water Industry Leadership goals of the 2025-2030 Strategic Plan.

FINANCIAL SUMMARY

There is no direct financial impact associated with this report.

Respectfully submitted,



TRAVIS FRANKLIN
PROGRAM MANAGER

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District

FROM: Bruce Kamilos, General Manager

SUBJECT: **GENERAL MANAGER'S REPORT**

RECOMMENDATION

This item is presented to the Florin Resource Conservation District Board of Directors for information, discussion, and in some instances, to provide direction to staff.

SUMMARY

The General Manager's Report is a standing item on the regular board meeting agenda. The report is intended to inform the Florin Resource Conservation District (FRCD) Board of Directors (Board) of notable, miscellaneous items the General Manager would like to share with the Board. The report also provides an opportunity for the Board to discuss the items, and in some instances provide direction to staff.

DISCUSSION

Background

Each month, the General Manager provides a report to the Board of any notable, miscellaneous items.

Present Situation

- **Elections Cost Update** – On February 21, 2025, staff submitted an application package to Sacramento Local Agency Formation Commission (LAFCo) for the detachment of FRCD territory that lies outside the Elk Grove Water District (EGWD) service boundaries. After reviewing the application, LAFCo staff directed EGWD to submit a revised Municipal Services Review (MSR). On August 26, 2025, staff submitted the MSR to LAFCo. LAFCo provided confirmation that it received the MSR on August 27, 2025. Staff will update the Board on the status.
- **Enterprise Resource Planning (ERP) Implementation Update** – Staff completed implementation of the payroll module and successfully ran payroll for the District using the new system. Staff performed data extractions from the District's current ERP system to prepare for implementing the Utility Billing module in the week of September 8, 2025. Staff will provide an update.

GENERAL MANAGER'S REPORT

Page 2

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD 2025-2030 Strategic Plan. Due to the varied subject matters presented in the General Manager's Report, the report over time will likely touch on every strategic goal contained in the plan.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



BRUCE KAMILOS
GENERAL MANAGER

September 16, 2025

TO: Chair and Directors of the Florin Resource Conservation District
FROM: Bruce Kamilos, General Manager
SUBJECT: **ELK GROVE WATER DISTRICT OPERATIONS REPORT – AUGUST 2025**

RECOMMENDATION

This item is presented for information only. No action by the Florin Resource Conservation Board of Directors is proposed at this time.

SUMMARY

The Elk Grove Water District (EGWD) Operations Report is a standing item on the regular board meeting agenda.

All regulatory requirements were met for the month of August. Other notable events are described below.

DISCUSSION

Background

Every month, staff present an update on the activities related to the operations of the EGWD. Included for the Florin Resource Conservation District Board of Director's review is the EGWD's August 2025 Operations Report.

Present Situation

The EGWD August 2025 Operations Report highlights are as follows:

- **Operations Activities Summary** – 333 door hangers were placed for past due balances, which resulted in 46 shutoffs. We received one (1) water pressure complaint and zero water quality complaints.
- **Production** – The Combined Total Service Area 1 production graph on page 13 shows that production during the month of August decreased by 2.24 percent compared to what was produced in 2024. The Total Demand/Production for both service areas on page 14 shows that customer use during the month of August compared to 2024 decreased by 0.36 percent.
- **Static and Pumping Level Graphs** – The third quarter soundings are shown and indicate that the static water levels of the deep wells and shallow wells are

ELK GROVE WATER DISTRICT OPERATIONS REPORT – AUGUST 2025

Page 2

comparable to or above the static water levels measured in the third quarter of 2024.

- **Treatment (Compliance Reporting)** – All samples taken during the month comply with all regulatory permit requirements. No exceedances of any maximum contaminant levels were found, and all water supplied to EGWD’s customers met or exceeded safe drinking water standards.
- **Safety Meetings/Training** – One (1) safety training session was conducted for the month.
- **Service and Main Leaks Map** – There were three (3) service line leaks and one (1) main line leak during August.
- **System Pressures** – Pressures in Service Area 1 and Service Area 2 were stable during the month of August.

ENVIRONMENTAL CONSIDERATIONS

There are no direct environmental considerations associated with this report.

STRATEGIC PLAN CONFORMITY

This item conforms to the FRCD/EGWD 2025-2030 Strategic Plan. The EGWD Operations Report provides an ongoing and transparent review of EGWD’s operations, and therefore conforms with Strategic Goal No. 1, Governance.

FINANCIAL SUMMARY

There is no financial impact associated with this report.

Respectfully submitted,



BRUCE KAMILOS
GENERAL MANAGER

BMK/ac

Attachment

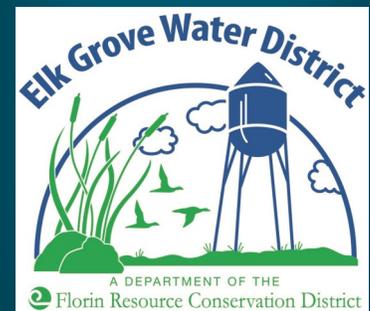
EGWD

OPERATIONS REPORT

August 2025



Elk
Grove
Water
District



Elk Grove Water District
Operations Report
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Operations Activities Summary

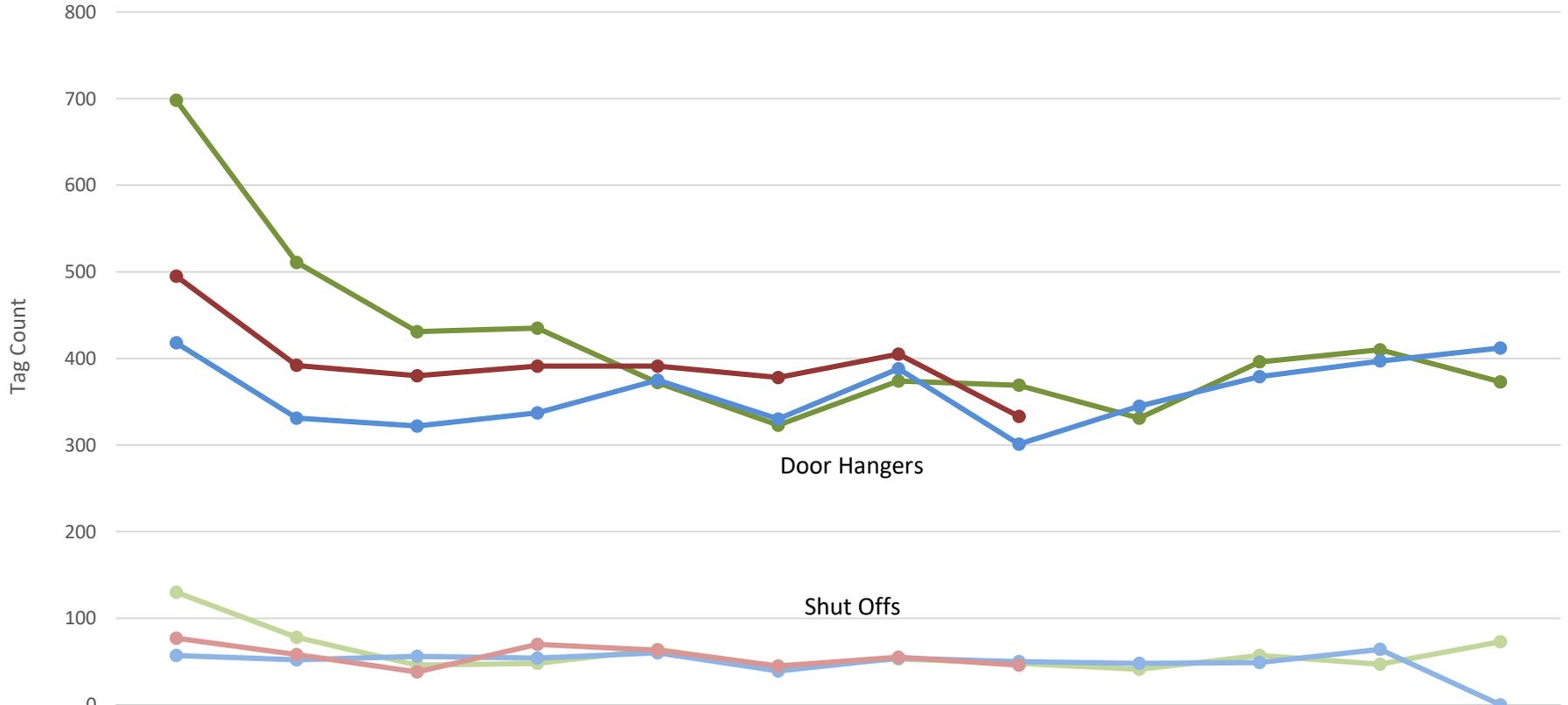
<u>Service Requests:</u>	August -25		YTD (Since Jan. 1, 2025)	
<u>Department</u>	<u>Service Request</u>	<u>Hours</u>	<u>Service Request</u>	<u>Hours</u>
Distribution				
Door Hangers	333	21	3,165	170
Shut offs	46	6.5	452	58
Turn ons	44	7.5	419	86.5
Investigations	48	12	251	889.25
USA Locates	916	229	3,968	992
Customer Complaints				
-Pressure	1	0.5	8	11
-Water Quality	0	0	3	2

<u>Work Orders:</u>	August -25		YTD (Since Jan. 1, 2025)	
<u>Department</u>	<u>Work Orders</u>	<u>Hours</u>	<u>Work Orders</u>	<u>Hours</u>
Distribution:				
Meters Installed	4	2.25	87	46
Meter Change Out	48	36	350	244.96
Preventative Maint.				
-Hydrant Maintenance (142)	142	35.5	1,161	290.25
-Valve Exercising (80)	80	20	780	195
Corrective Maint.				
-Leaks	4	46	28	390
-Other	0	0	12	223
Valve Locates	0	0	0	0

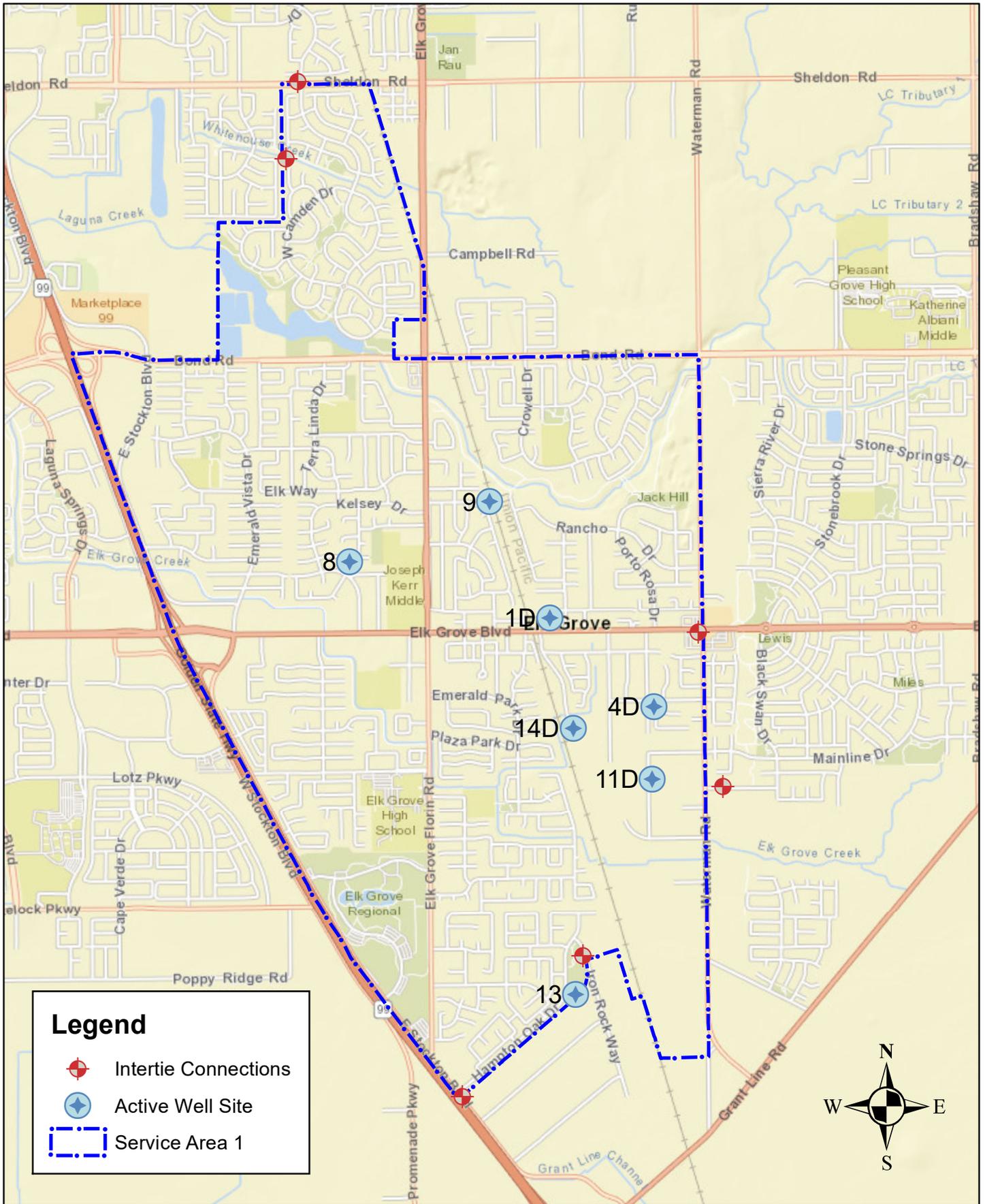


Elk Grove Water District

Door Hangers and Shut Off Tags



	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2023 Door Hangers	698	511	431	435	372	323	374	369	331	396	410	373
2023 Shut Offs	130	78	46	48	64	44	53	48	41	57	47	73
2024 Door Hangers	418	331	322	337	375	330	388	301	345	379	397	412
2024 Shut Offs	57	52	56	54	60	39	54	50	48	49	64	0
2025 Door Hangers	495	392	380	391	391	378	405	333				
2025 Shut Offs	77	58	38	70	63	45	55	46				



Active Well Sites & Intertie Connections

Elk Grove Water District



Elk Grove Water District

Monthly Production

Well 1D School - August 2025

Selected Month Production

3,259,042 Gallons

Average GPM: 1,641
 Pump depth: 275 ft
 Well depth: 1025 ft

Motor:

Volts: 468
 Volts (Rated): 460
 RPM: 1788
 RPM (Rated): 2115
 Amps A: 182
 Amps A (Rated): 222
 Amps B: 179
 Amps B (Rated): 222
 Amps C: 169
 Amps C (Rated): 222

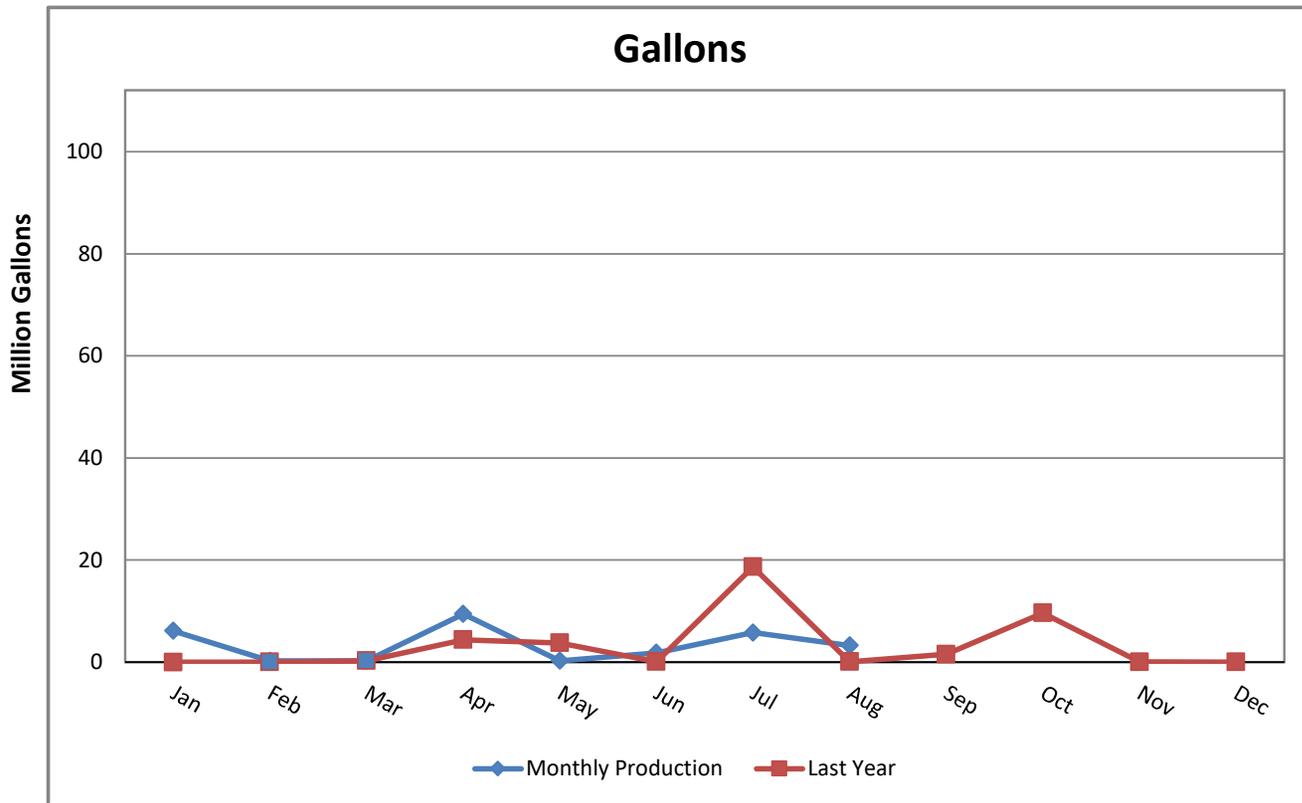
Motor Temp: 99.7 F
 Hour Meter: 33.1

Chlorine:

Dosing: 1.52 mg/L
 Demand: 0.38 mg/L
 Residual: 1.14 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.03 in/sec





Elk Grove Water District

Monthly Production

Well 4D Webb -- August 2025

Selected Month Production

43,031,153 Gallons

Average GPM: 1693
 Pump depth: 340 ft
 Well depth: 1075 ft

Motor:

Volts: 421
 Volts (Rated): 460
 RPM: 1659
 RPM (Rated): 1775
 Amps A: 184
 Amps A (Rated): 225
 Amps B: 183
 Amps B (Rated): 225
 Amps C: 181
 Amps C (Rated): 225

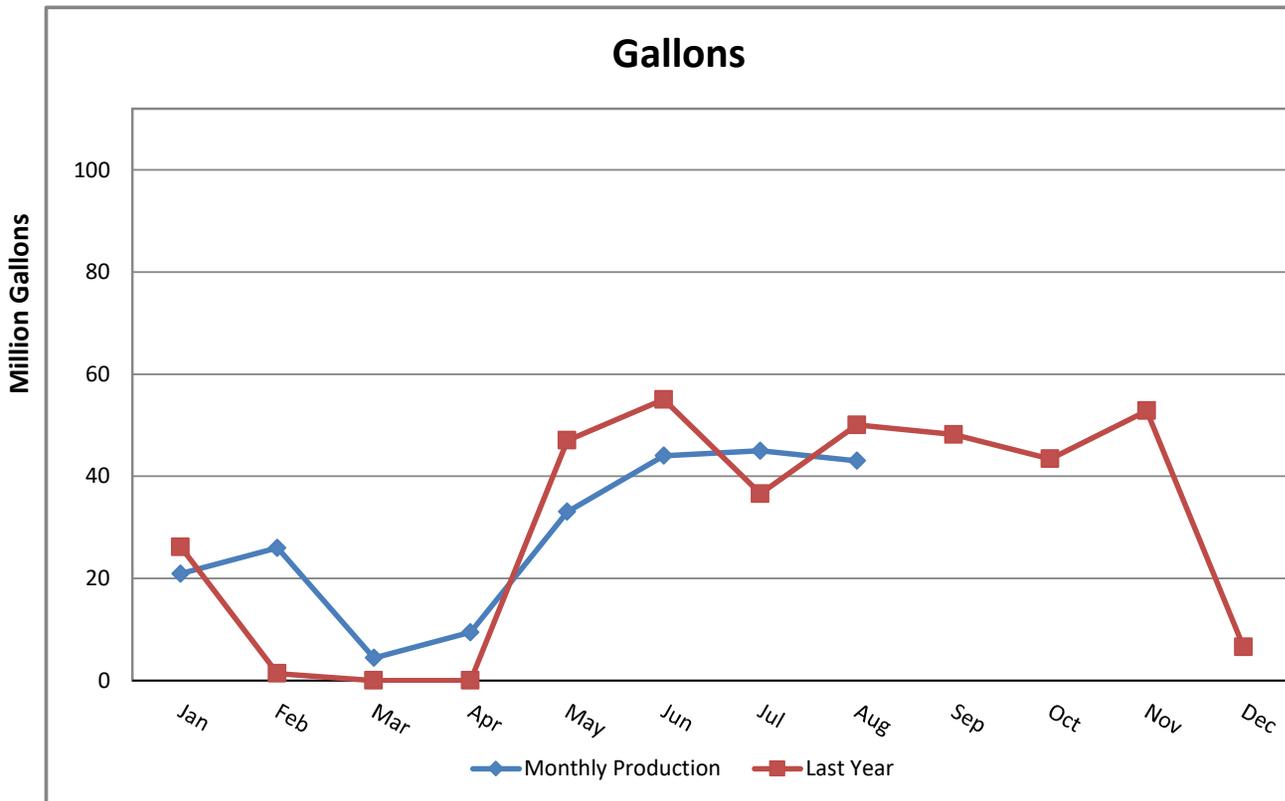
Motor Temp: 148.3 F
 Hour Meter: 423.50

Chlorine:

Dosing: 1.44 mg/L
 Demand: 0.3 mg/L
 Residual: 1.14 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.03 in/sec





Elk Grove Water District

Monthly Production

Well 11D Dino -- August 2025

Selected Month Production

46,007,737 Gallons

Average GPM: 1,692
 Pump depth: 340 ft
 Well depth: 1038 ft

Motor:

Volts: 487
 Volts (Rated): 460
 RPM: 1782
 RPM (Rated): 1775
 Amps A: 221
 Amps A (Rated): 225
 Amps B: 219
 Amps B (Rated): 225
 Amps C: 208
 Amps C (Rated): 225

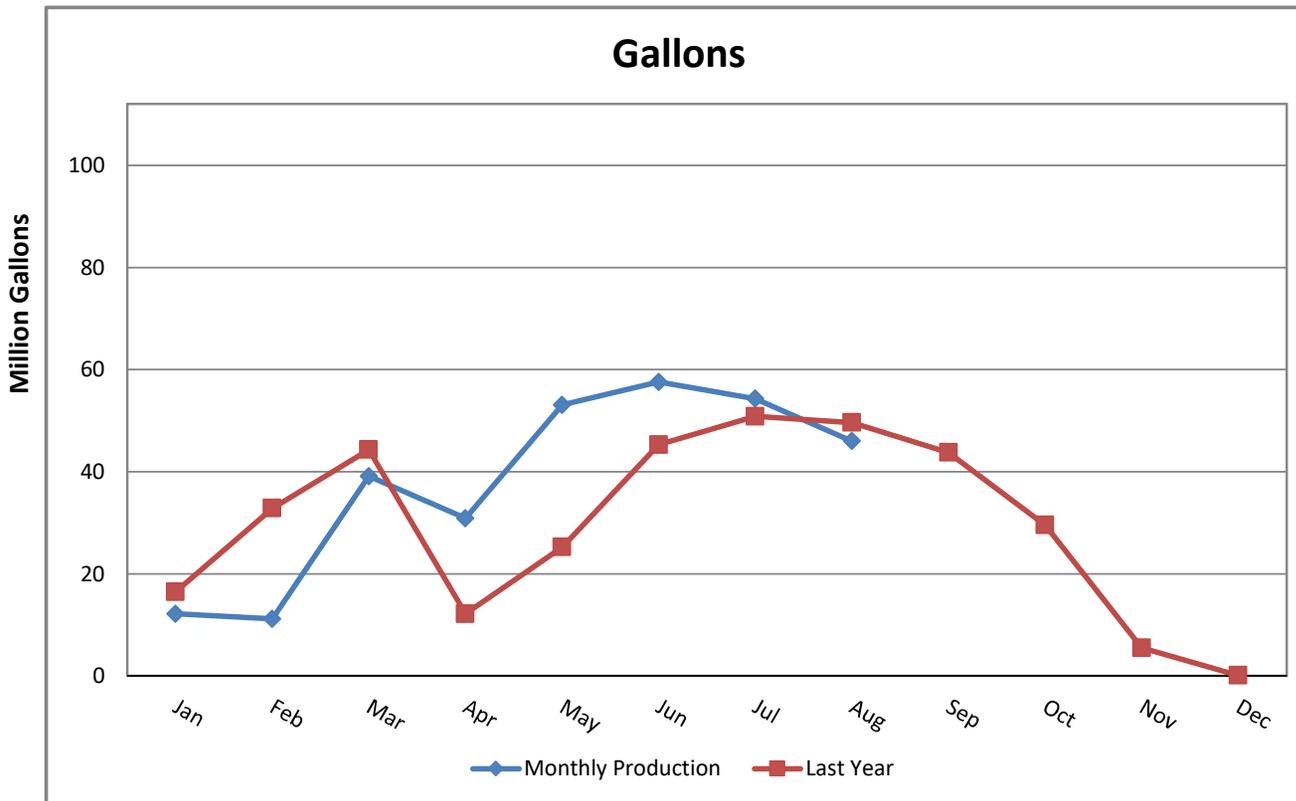
Motor Temp: 161.9 F
 Hour Meter: 453.0

Chlorine:

Dosing: 1.44 mg/L
 Demand: 0.39 mg/L
 Residual: 1.05 mg/L

Vibration Reading:

Base Line: 0.05 in/sec
 Current: 0.03 in/sec





Elk Grove Water District

Monthly Production

Well 14D Railroad -- August 2025

Selected Month Production

23,495,723 Gallons

Average GPM: 1392
 Pump depth: 340 ft
 Well depth: 1051 ft

Motor:

Volts: 475
 Volts (Rated): 460
 RPM: 1782
 RPM (Rated): 1785
 Amps A: 161
 Amps A (Rated): 171
 Amps B: 164
 Amps B (Rated): 171
 Amps C: 162
 Amps C (Rated): 171

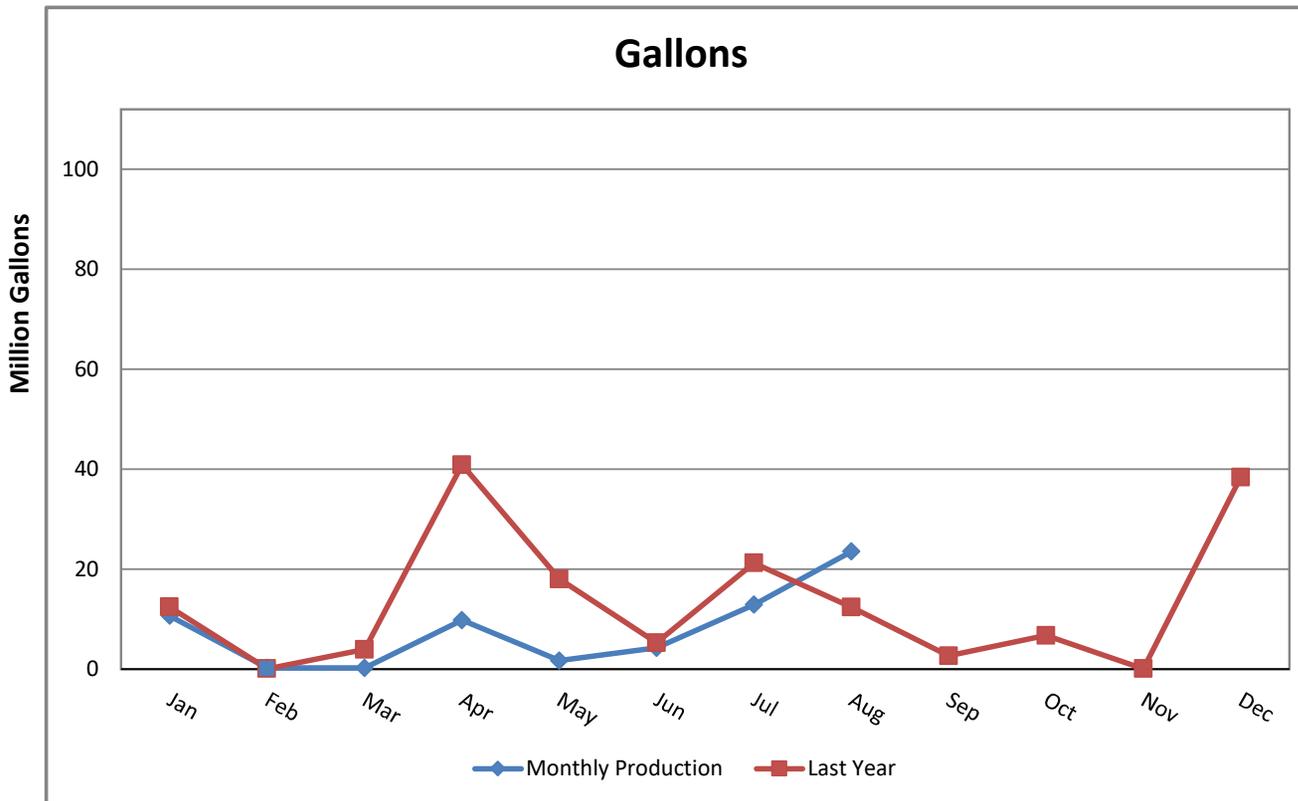
Motor Temp.: 108.7 F
 Hour Meter: 281.2

Chlorine:

Dosing: 1.84 mg/L
 Demand: 0.74 mg/L
 Residual: 1.1 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.04 in/sec





Elk Grove Water District

Monthly Production

Well 8 Williamson -- August 2025
(Submersible)

Selected Month Production

19,043,107 Gallons

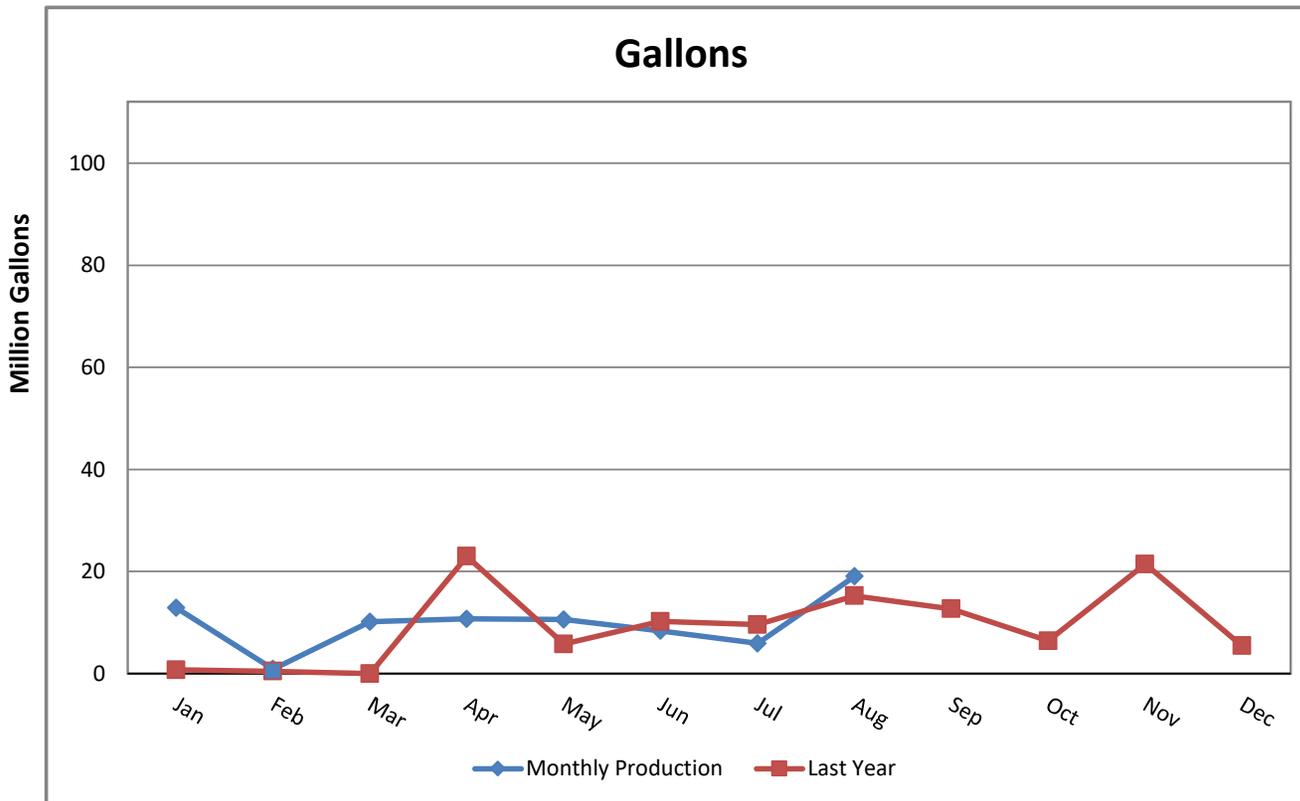
Average GPM: 551
Pump depth: 150 ft
Well depth: 564 ft

Motor:
Volts: 458
Volts (Rated): 460

Amps A: 70
Amps A (Rated): 65
Amps B: 66
Amps B (Rated): 65
Amps C: 65
Amps C (Rated): 65

Hour Meter: 575.2

Chlorine:
Dosing: 1.25 mg/L
Demand: 0.43 mg/L
Residual: 0.82 mg/L





Elk Grove Water District

Monthly Production

Well 9 Polhemus -- August 2025
(Submersible)

Selected Month Production

4,964,093 Gallons

Average GPM: 494
Pump depth: 150 ft
Well depth: 556 ft

Motor:

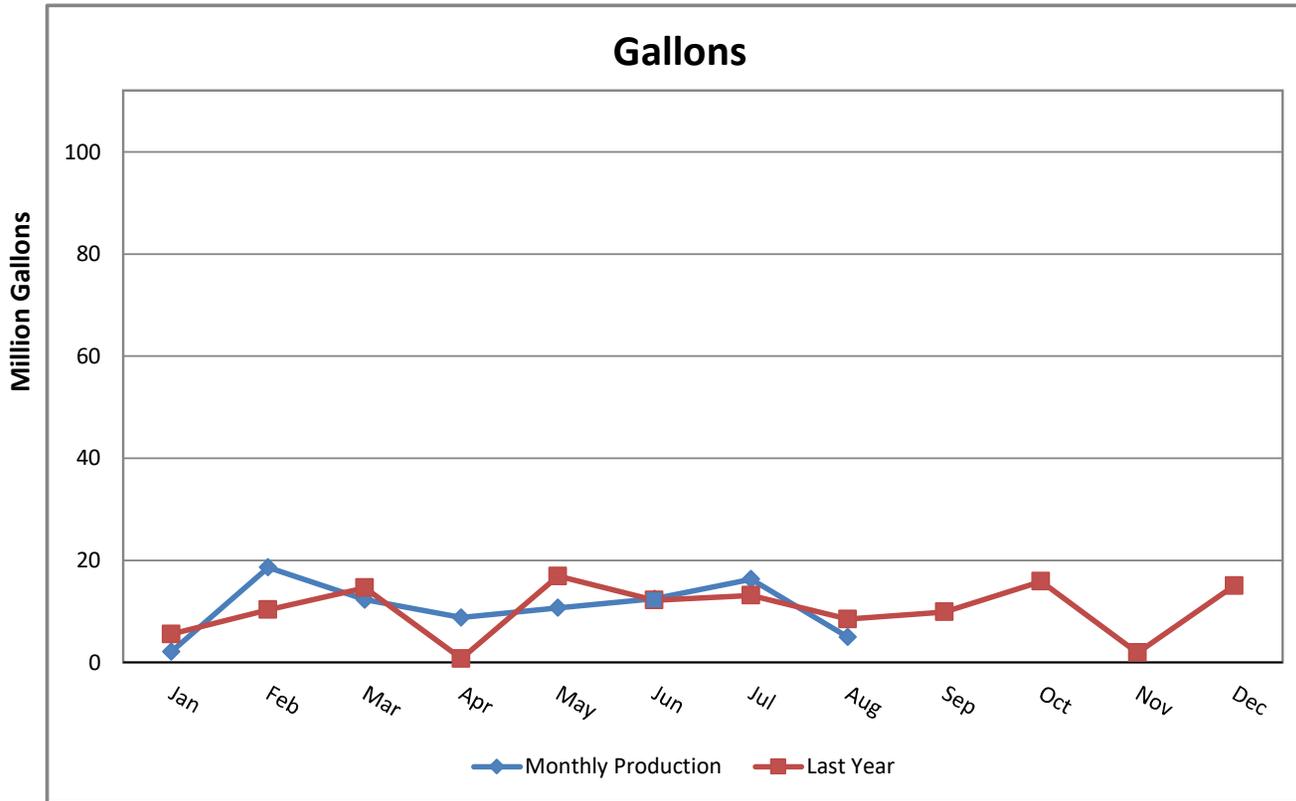
Volts: 481
Volts (Rated): 460

Amps A: 57
Amps A (Rated): 65
Amps B: 58
Amps B (Rated): 65
Amps C: 62
Amps C (Rated): 65

Hour Meter: 167.7

Chlorine:

Dosing: 1.43 mg/L
Demand: 0.55 mg/L
Residual: 0.88 mg/L





Elk Grove Water District

Monthly Production

Well 13 Hampton -- August 2025

Selected Month Production

42,137,334 Gallons

Average GPM: 945
 Pump depth: 200 ft
 Well depth: 500 ft

Motor:

Volts: 478
 Volts (Rated): 460
 RPM: 1785
 RPM (Rated): 1785
 Amps A: 105
 Amps A (Rated): 141
 Amps B: 106
 Amps B (Rated): 141
 Amps C: 108
 Amps C (Rated): 141

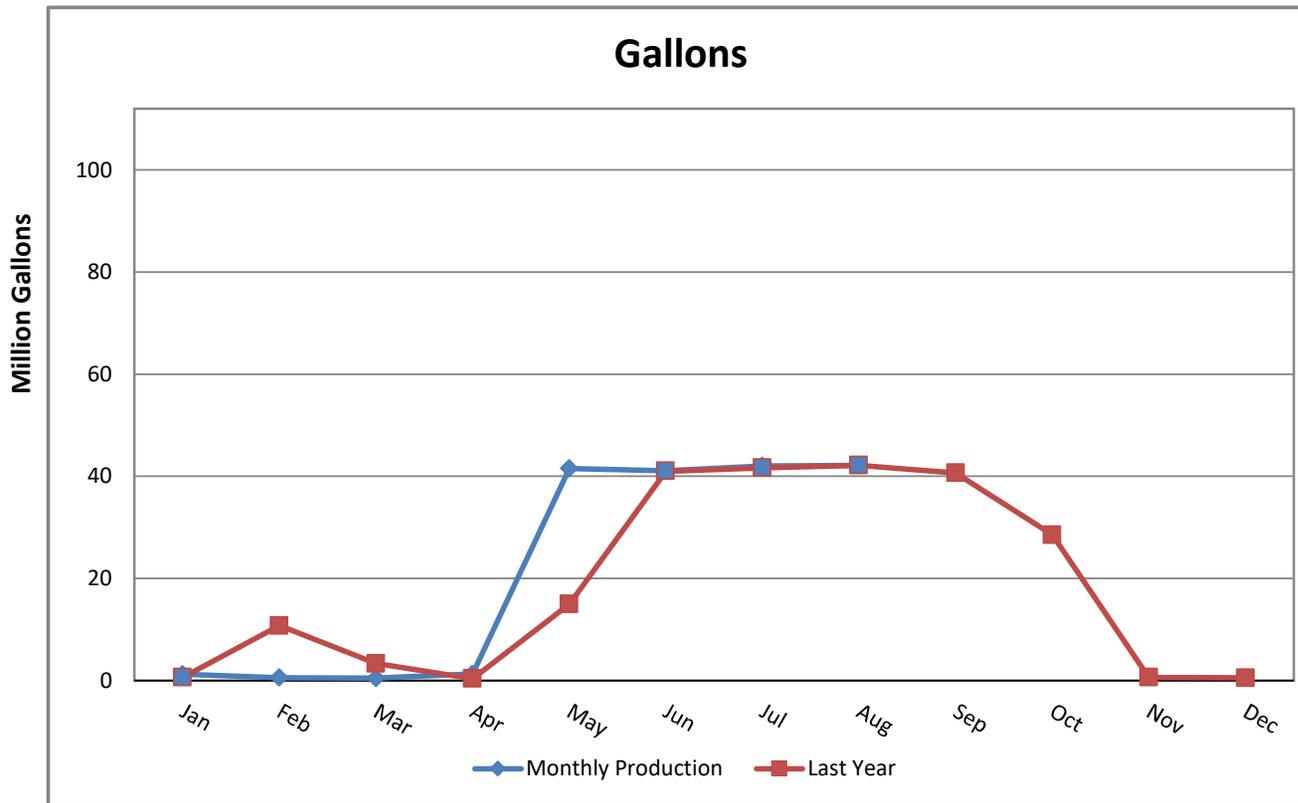
Motor Temp.: 161.3 F
 Hour Meter: 743.4

Chlorine:

Dosing: 1.42 mg/L
 Demand: 0.47 mg/L
 Residual: 0.95 mg/L

Vibration Reading:

Base Line: 0.02 in/sec
 Current: 0.04 in/sec





Elk Grove Water District

Combined Total Production

Service Area 1

Aug-2025

Current Month Production:

181,938,189 Gallons

Highest Day Demand of the Month:

6,160,491

Date of Occurrence

17-Aug-25

Highest Day Demand of the Calendar Year:

6,243,396

Date of Occurrence

12-Jul-25

"Water Year" Rainfall: (Oct-24 to Sep-25)

Current Month: 0.00 in

Year To Date: 13.61 in

"Water Year" Rainfall: (Oct-23 to Sep-24)

August 2024: 0.03 in

Year To Date: 17.63 in

Entire Year Total: 17.63 in

Temperature:

This Month High: 103 F

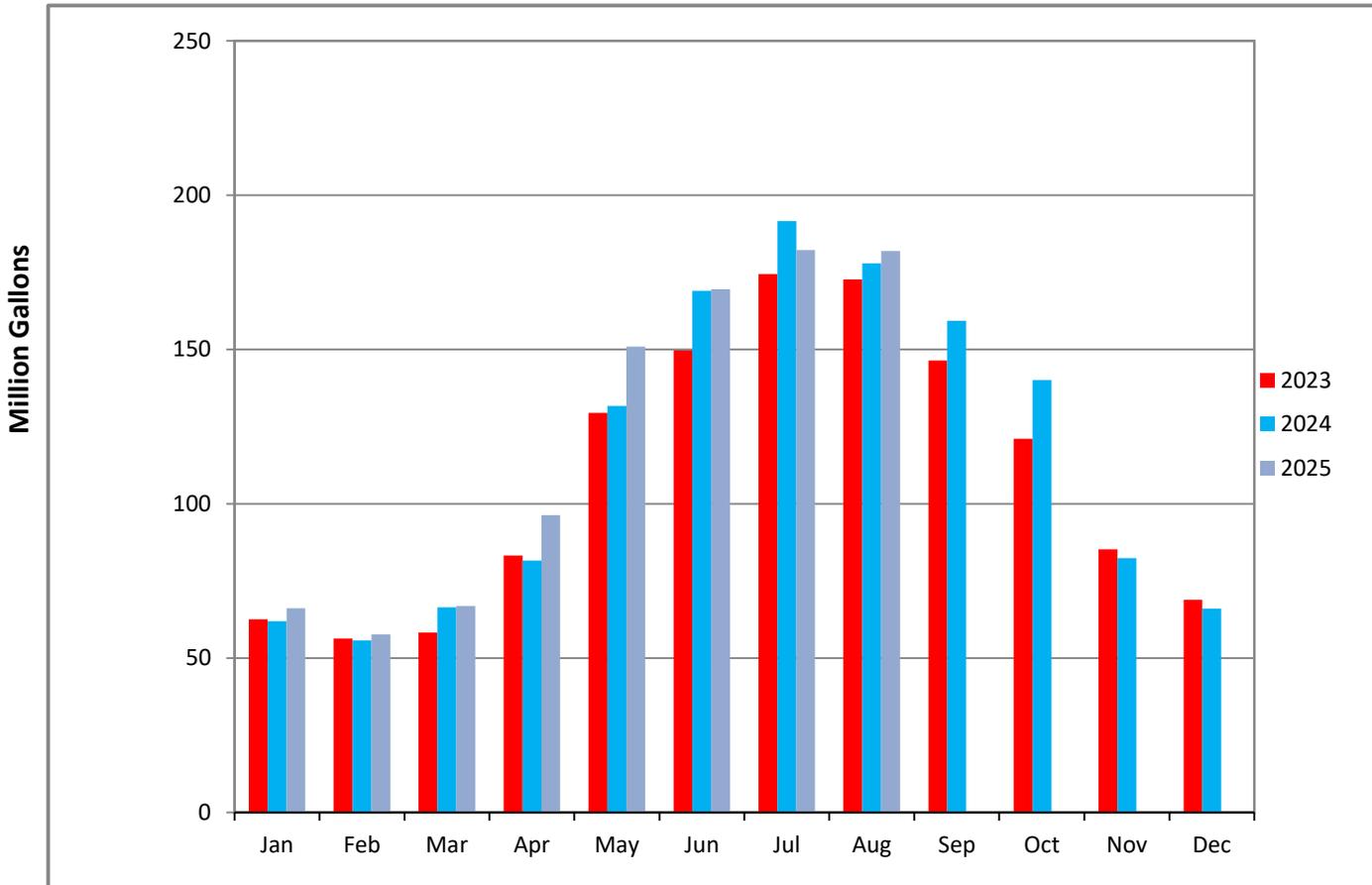
This Month Low: 56 F

This Month Average: 77.4 F

AUG-24 High: 101 F

AUG-24 Low: 54 F

AUG-24 Average: 75.8 F

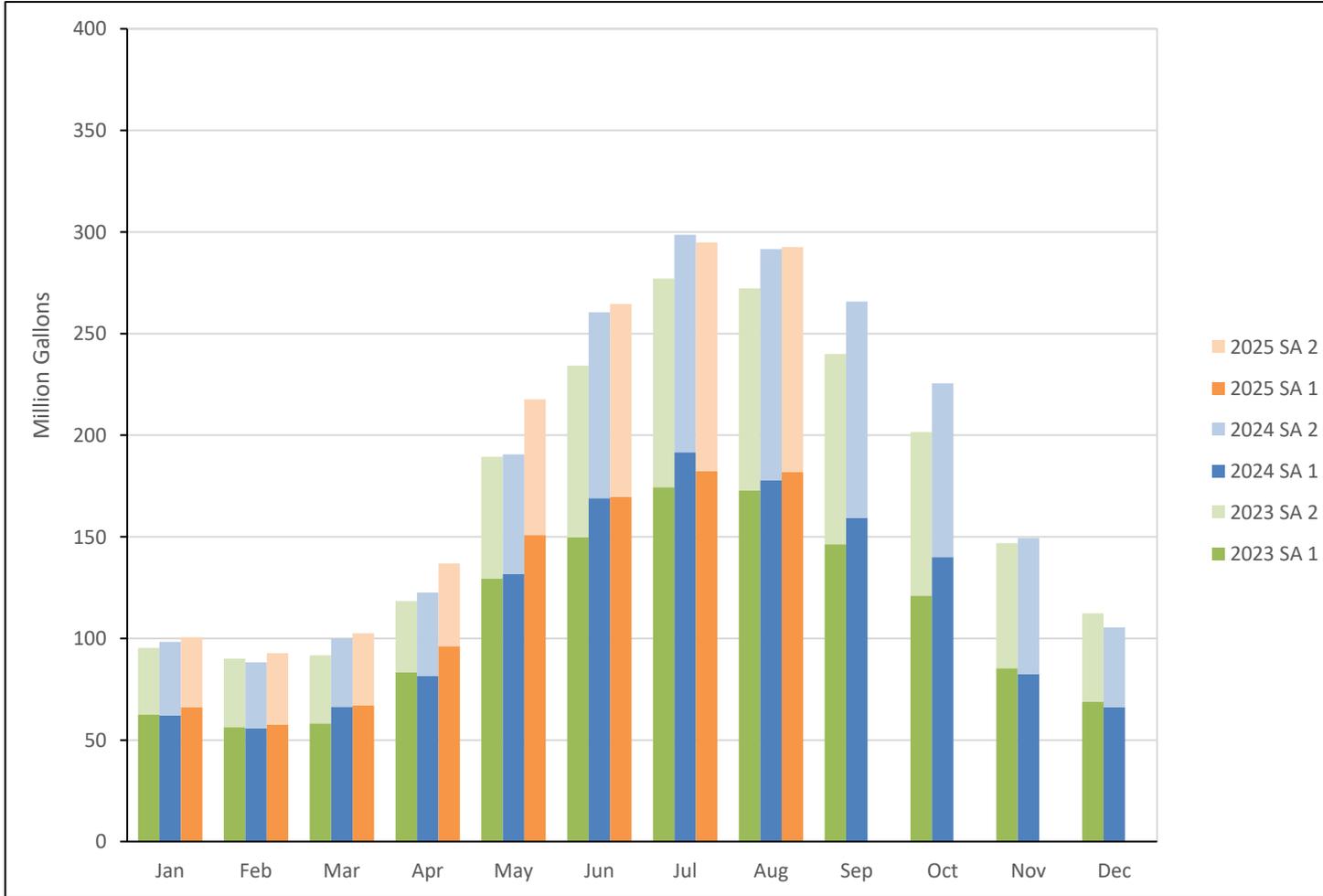




Elk Grove Water District

Total Demand/Production

Aug-2025



Current Month Demand/Production:

292,645,929 Gallons

***Change From August 2024:** 0.36%

GPCD: 213.7 Gallons per Day

R-GPCD: 156.2 Gallons per Day

Service Area 1

Active Connections: 7,944

Current Month Demand/Production:

181,938,189 Gallons

***Change From August 2024:** 2.24%

GPCD: 221.9 Gallons per Day

R-GPCD: 165.7 Gallons per Day

Service Area 2

Active Connections: 5,186

Current Month Demand/Production:

110,707,740 Gallons

***Change From August 2024:** -2.58%

GPCD: 201.3 Gallons per Day

R-GPCD: 142.6 Gallons per Day

*Percent reduction has been changed to percent change. Negative change is reduction and positive change is increase.

Elk Grove Water District Water Usage

----- Monthly Production (gallons) -----

2022	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	63,469,715	74,242,203	92,483,924	97,643,001	140,747,995	155,597,114	166,596,675	164,513,039	144,632,180	126,478,648	76,517,155	65,813,605	1,368,735,254
Purchased (SA2)	32,115,380	43,369,788	47,452,372	68,588,608	62,494,652	90,110,812	96,146,424	95,299,688	92,002,504	81,006,904	61,785,548	41,748,872	812,121,552
Total	95,585,095	117,611,991	139,936,296	166,231,609	203,242,647	245,707,926	262,743,099	259,812,727	236,634,684	207,485,552	138,302,703	107,562,477	2,180,856,806

2023	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	62,562,387	56,343,279	58,232,742	83,205,416	129,475,692	149,684,059	174,452,699	172,730,059	146,408,453	121,106,581	85,315,369	68,908,092	1,308,424,828
Purchased (SA2)	32,851,412	33,735,548	33,439,340	35,189,660	59,937,240	84,604,784	102,673,472	99,610,412	93,544,132	80,540,900	61,575,360	43,502,932	761,205,192
Total	95,413,799	90,078,827	91,672,082	118,395,076	189,412,932	234,288,843	277,126,171	272,340,471	239,952,585	201,647,481	146,890,729	112,411,024	2,069,630,020

2024	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	61,915,877	55,729,972	66,410,639	81,535,145	131,704,427	169,076,492	191,647,032	177,958,857	159,339,160	140,109,268	82,418,795	66,139,444	1,383,985,108
Purchased (SA2)	36,458,268	32,530,520	33,633,072	41,059,964	58,853,388	91,426,544	107,064,980	113,644,388	106,453,864	85,452,268	67,061,940	39,318,620	812,957,816
Total	98,374,145	88,260,492	100,043,711	122,595,109	190,557,815	260,503,036	298,712,012	291,603,245	265,793,024	225,561,536	149,480,735	105,458,064	2,196,942,924

2025	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	66,097,901	57,654,400	66,894,017	96,270,179	150,905,402	169,578,143	182,236,331	181,938,189	-	-	-	-	971,574,562
Purchased (SA2)	34,520,948	35,116,356	35,715,504	40,573,764	66,775,456	95,037,888	112,708,640	110,707,740	-	-	-	-	531,156,296
Total	100,618,849	92,770,756	102,609,521	136,843,943	217,680,858	264,616,031	294,944,971	292,645,929	0	0	0	0	1,502,730,858

----- Monthly Percent Change - Comparing 2024 to 2025 -----

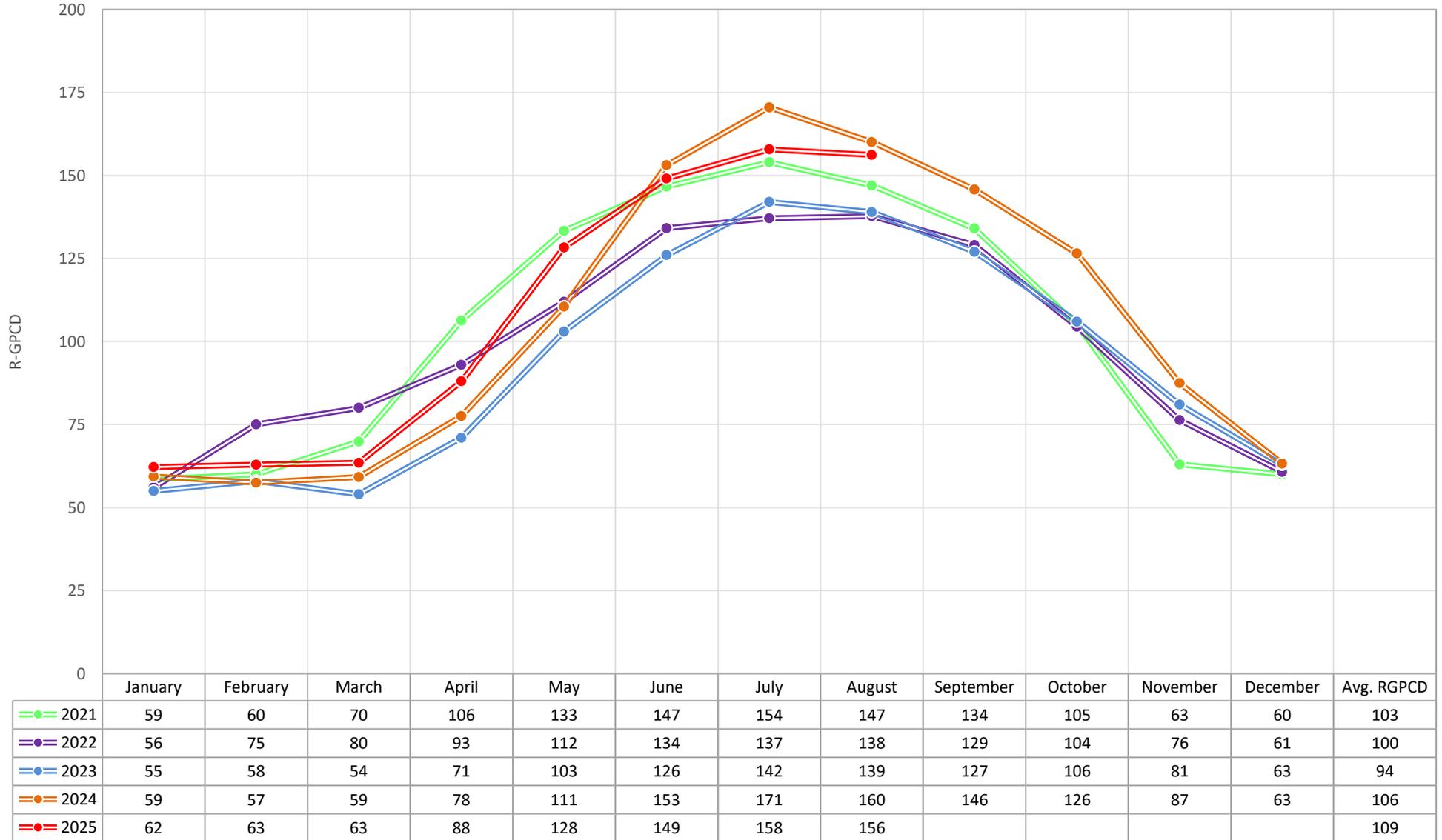
% Change	January	February	March	April	May	June	July	August	September	October	November	December	Total
GW (SA1)	6.75%	3.45%	0.73%	18.07%	14.58%	0.30%	-4.91%	2.24%	-	-	-	-	-
Purchased (SA2)	-5.31%	7.95%	6.19%	-1.18%	13.46%	3.95%	5.27%	-2.58%	-	-	-	-	-
Total	2.28%	5.11%	2.56%	11.62%	14.23%	1.58%	-1.26%	0.36%	-	-	-	-	-
% Cumulative Change	2.28%	3.62%	3.25%	5.76%	8.45%	6.37%	4.40%	3.59%	-	-	-	-	-

Service Area 2		Consumption	
2025	# Accts	CCF	Gallons
Jan	5,095	46,151	34,520,948
Feb	5,121	46,947	35,116,356
Mar	5,147	47,748	35,715,504
Apr	5,149	54,243	40,573,764
May	5,156	89,272	66,775,456
Jun	5,182	127,056	95,037,888
Jul	5,183	150,680	112,708,640
Aug	5,186	148,005	110,707,740
Sep			0
Oct			0
Nov			0
Dec			0



EGWD COMBINED R-GPCD

2021 2022 2023 2024 2025



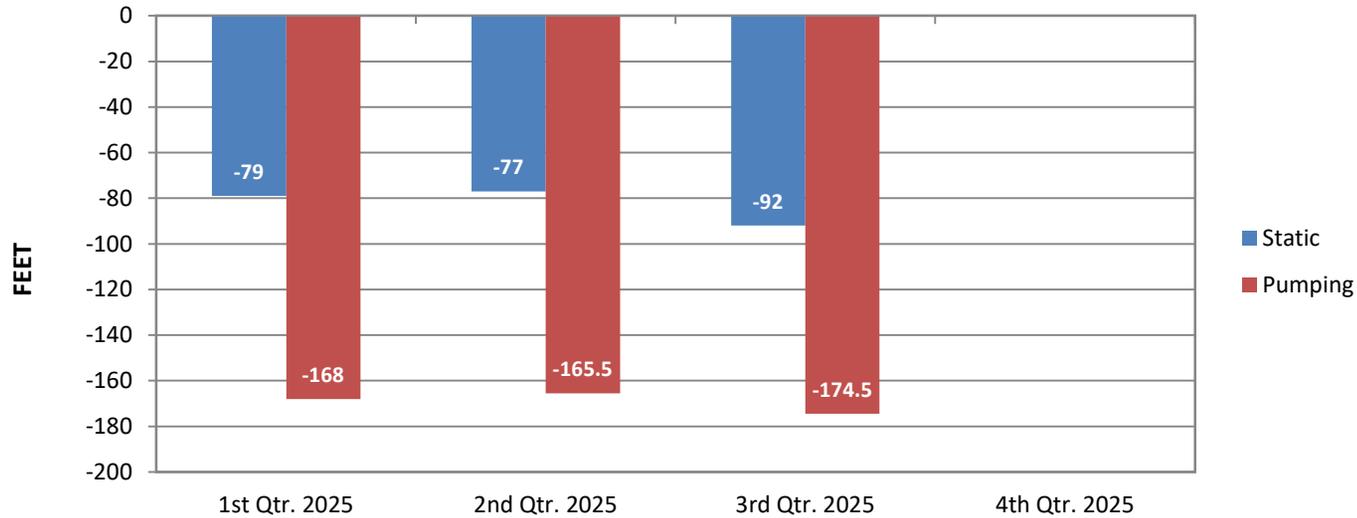
R-GPCD = Residential Gallons per Capita per Day



Elk Grove Water District

Static and Pumping Levels

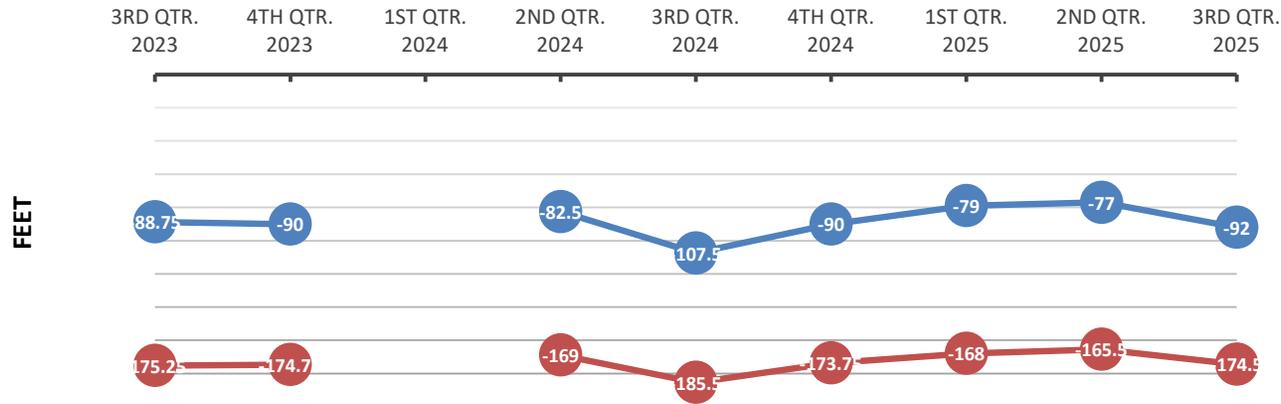
Well 1D School St



Latest Well Sounding

Static:	92 Ft
Pumping:	174.5 Ft
Drawdown:	82.5 Ft
GPM:	1,718
Specific Capacity:	20.827

Sounding Quarter/Year



Latest Sand Tester Results:

15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

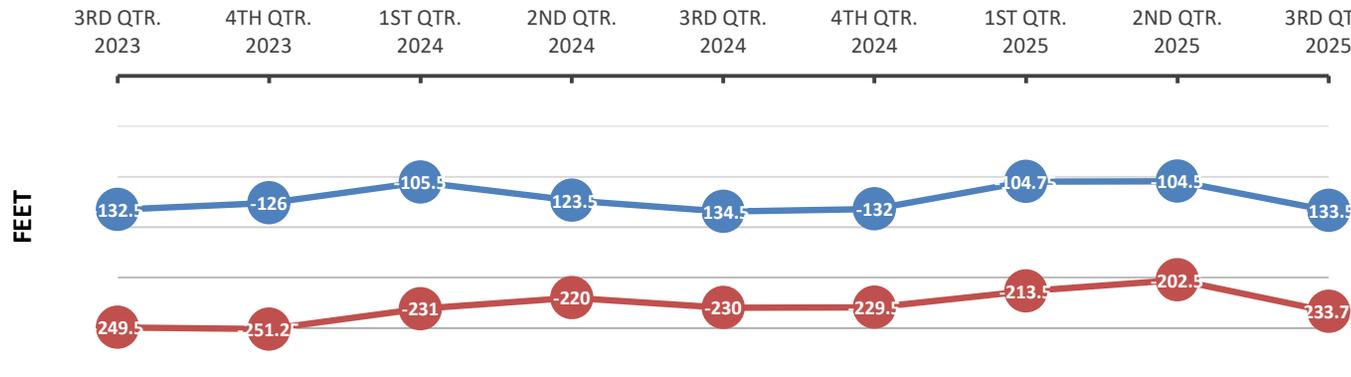
Well 4D Webb St



Latest Well Sounding

Static: 133.5 Ft
Pumping: 233.75 Ft
Drawdown: 100.25 Ft
GPM: 1,696
Specific Capacity: 16.914

Sounding Quarter/Year



Latest Sand Tester Results:

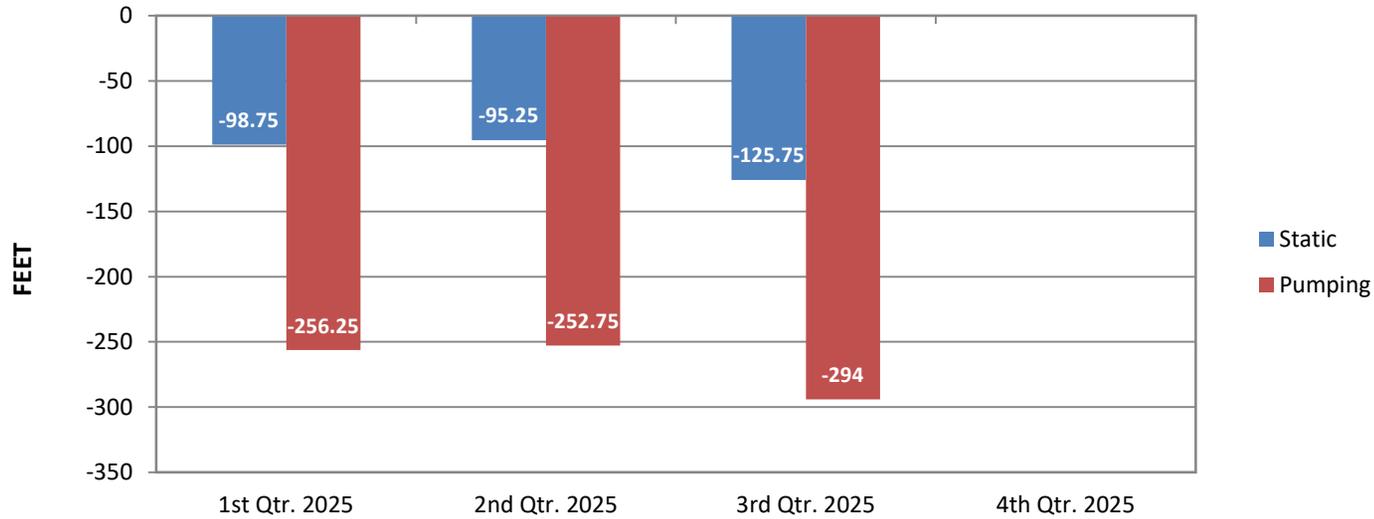
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

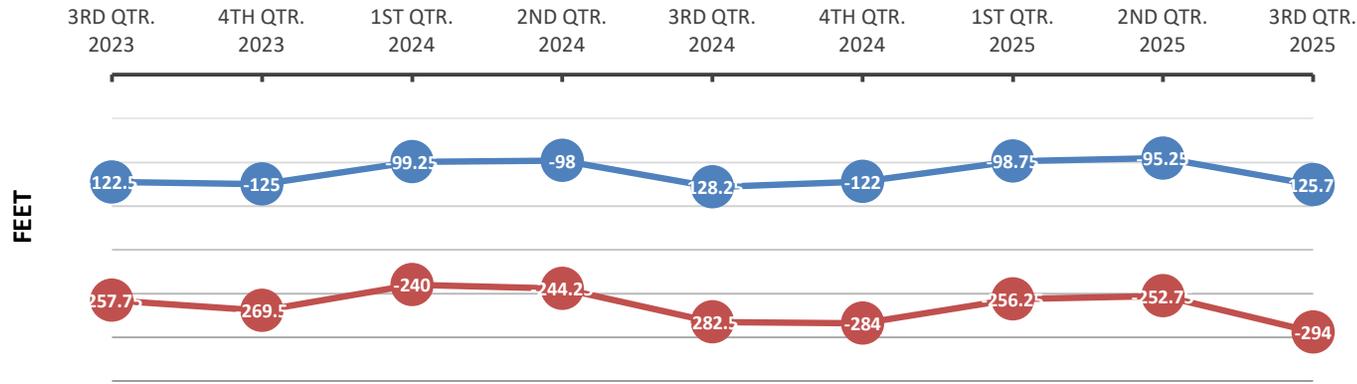
Well 11D Dino



Latest Well Sounding

Static:	125.75 Ft
Pumping:	294 Ft
Drawdown:	168.25 Ft
GPM:	1,707
Specific Capacity:	10.144

Sounding Quarter/Year



Latest Sand Tester Results:

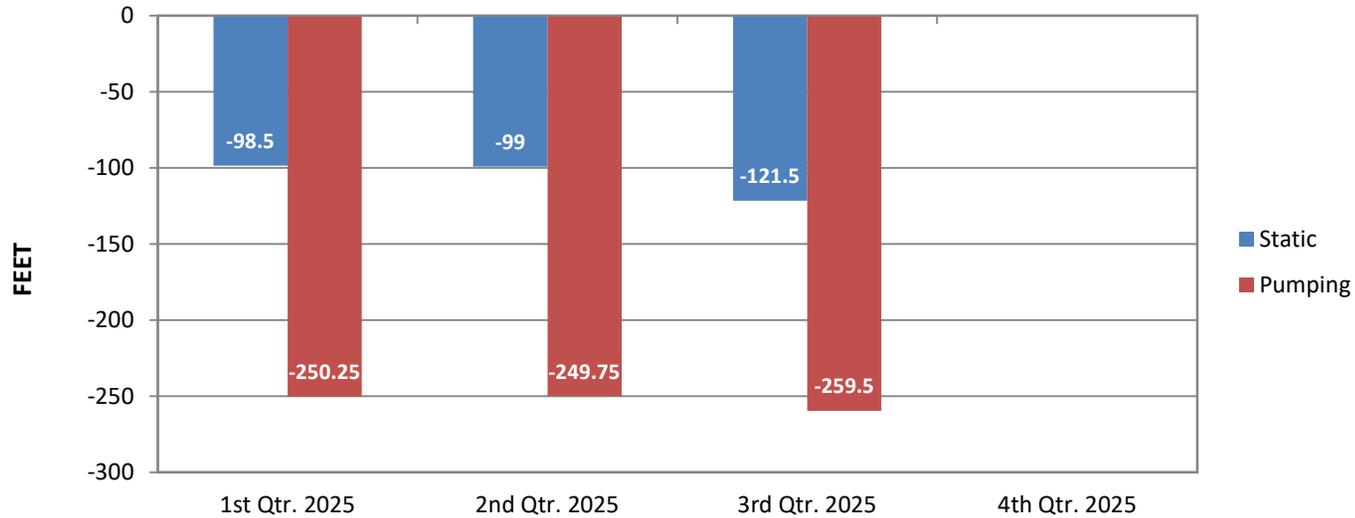
15 Min: < 5 ppm



Elk Grove Water District

Static and Pumping Levels

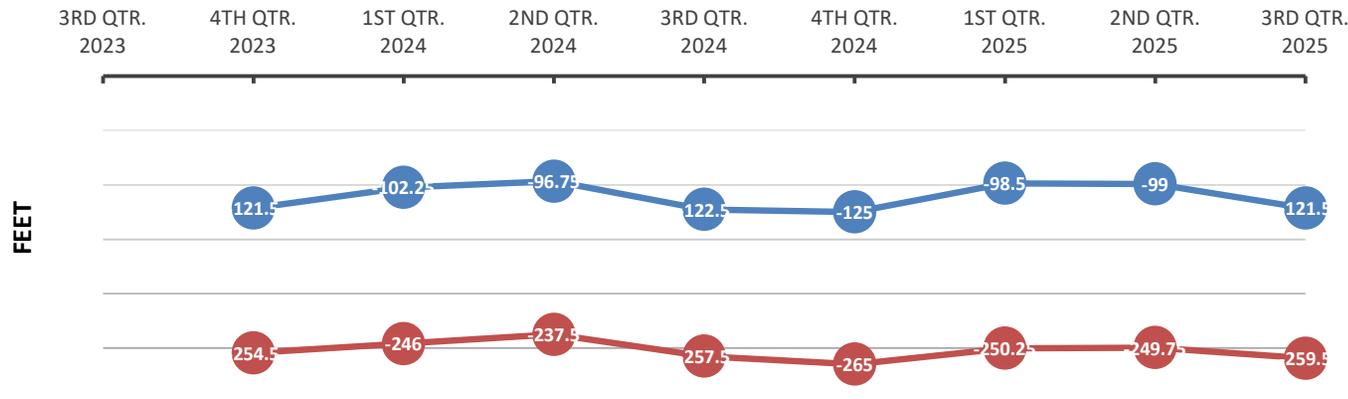
Well 14D Railroad



Latest Well Sounding

Static:	121.5 Ft
Pumping:	259.5 Ft
Drawdown:	138 Ft
GPM:	1,404
Specific Capacity:	10.176

Sounding Quarter/Year



Latest Sand Tester Results:

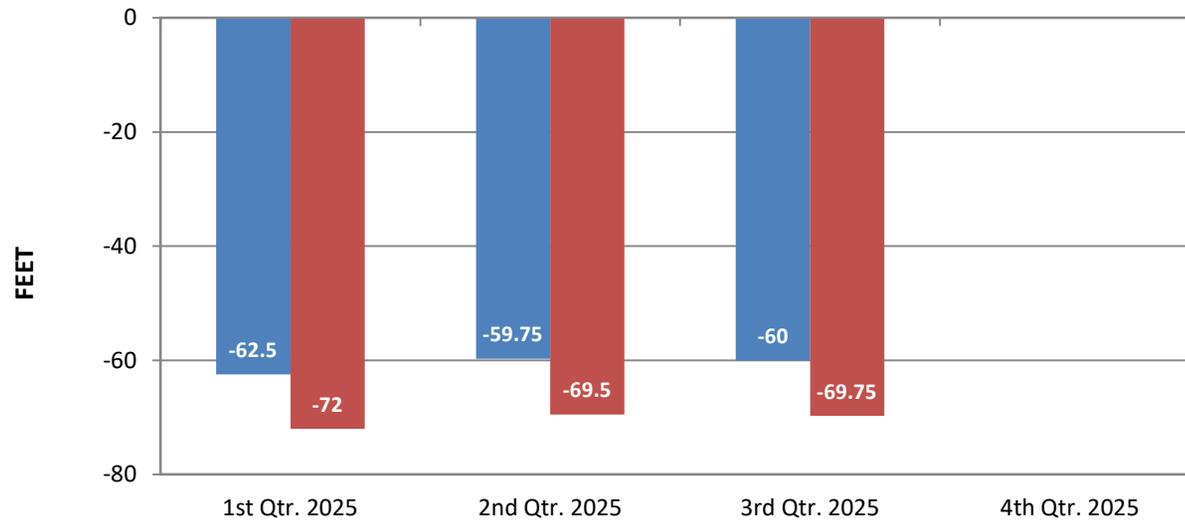
15 Min: < 5 ppm



Elk Grove Water District

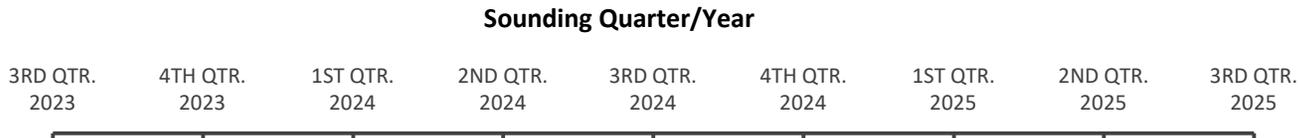
Static and Pumping Levels

Well 8 Williamson



Latest Well Sounding

Static: 60 Ft
Pumping: 69.75 Ft
Drawdown: 9.75 Ft
GPM: 554
Specific Capacity: 56.871



Latest Sand Tester Results:

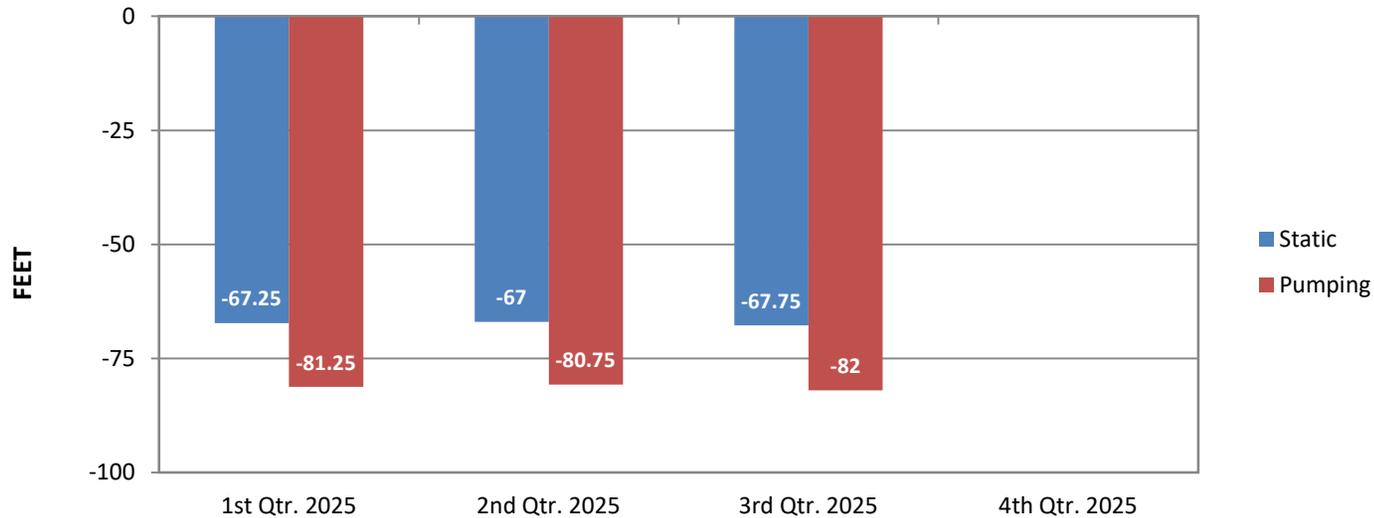
15 Min: < 5 ppm



Elk Grove Water District

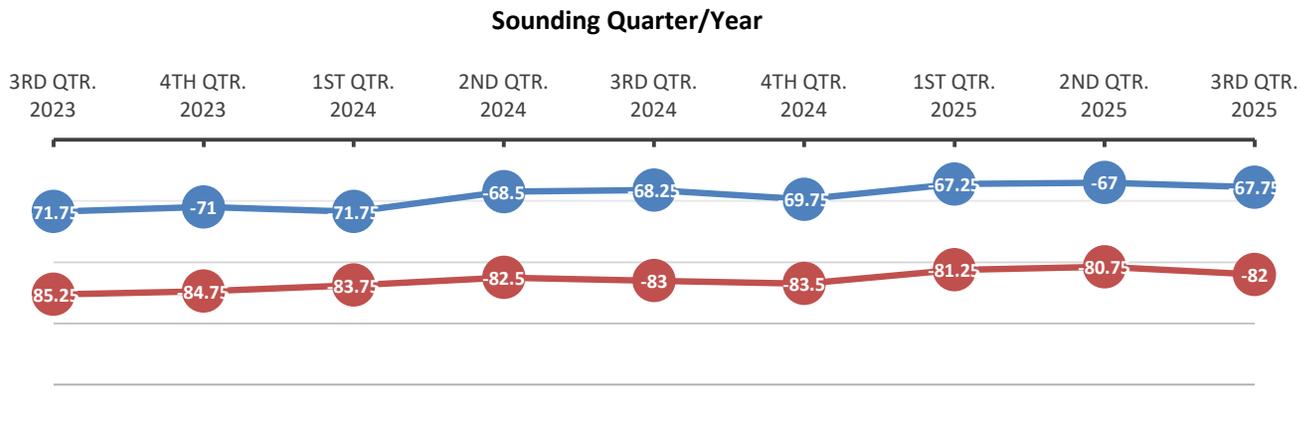
Static and Pumping Levels

Well 9 Polhemus



Latest Well Sounding

Static:	67.75 Ft
Pumping:	82 Ft
Drawdown:	14.25 Ft
GPM:	498
Specific Capacity:	34.966



Latest Sand Tester Results:

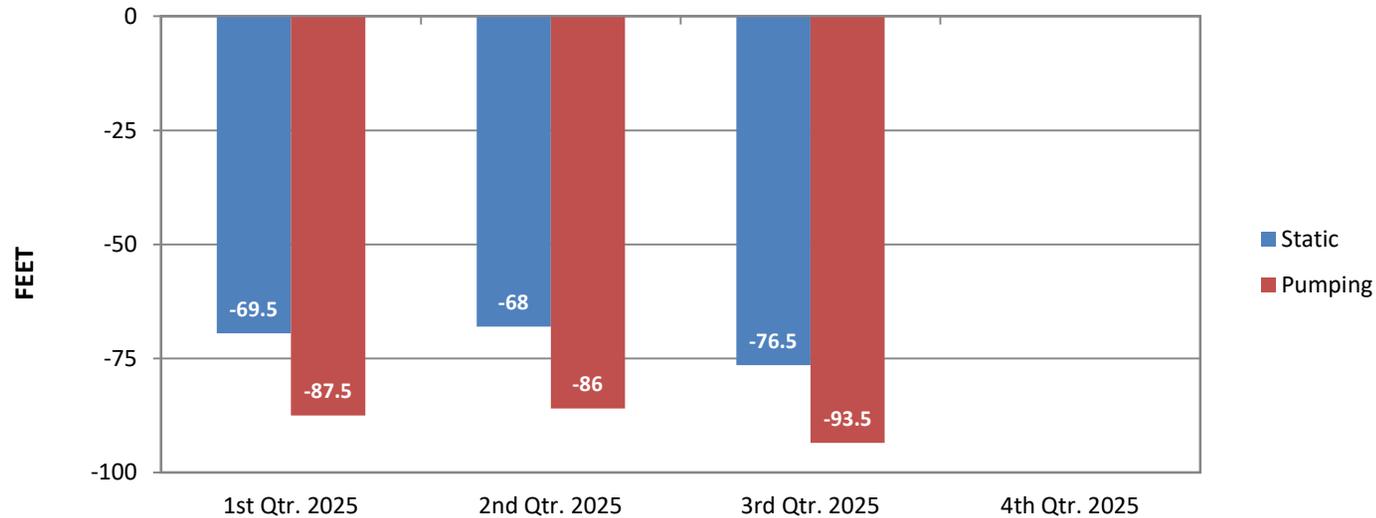
15 Min: < 5 ppm



Elk Grove Water District

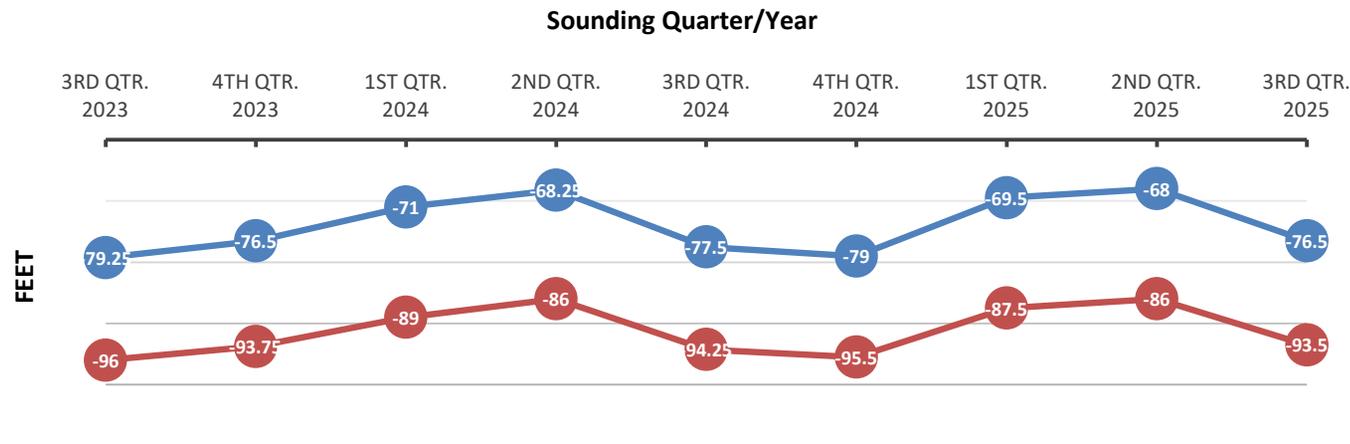
Static and Pumping Levels

Well 13 Hampton



Latest Well Sounding

Static:	76.5 Ft
Pumping:	93.5 Ft
Drawdown:	17 Ft
GPM:	965
Specific Capacity:	56.786



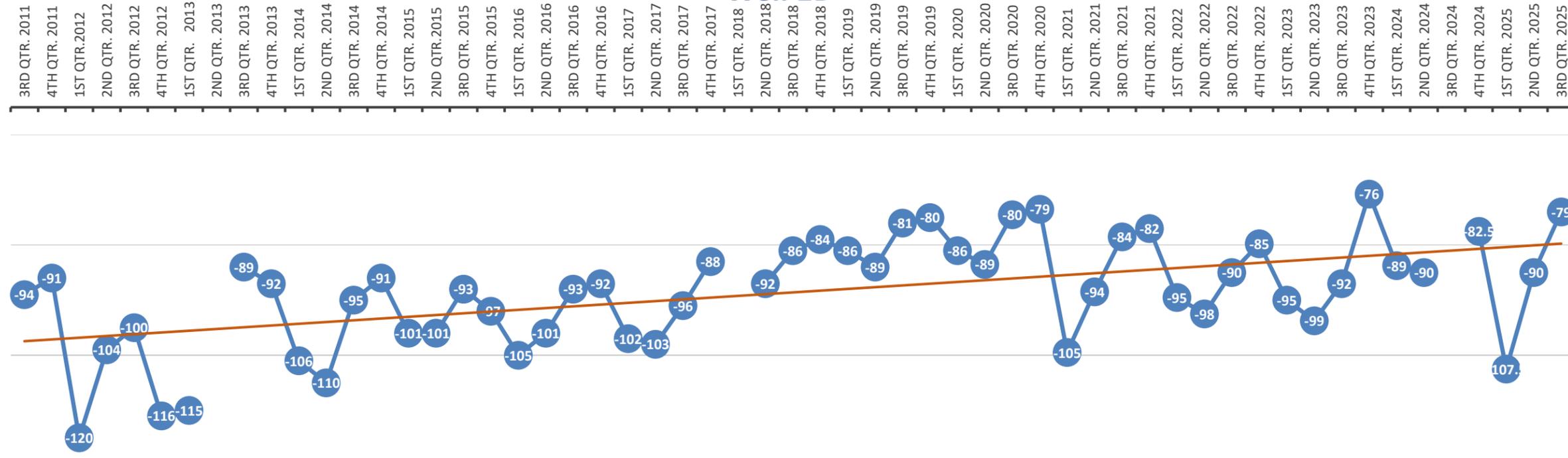
Latest Sand Tester Results:

15 Min: < 5 ppm

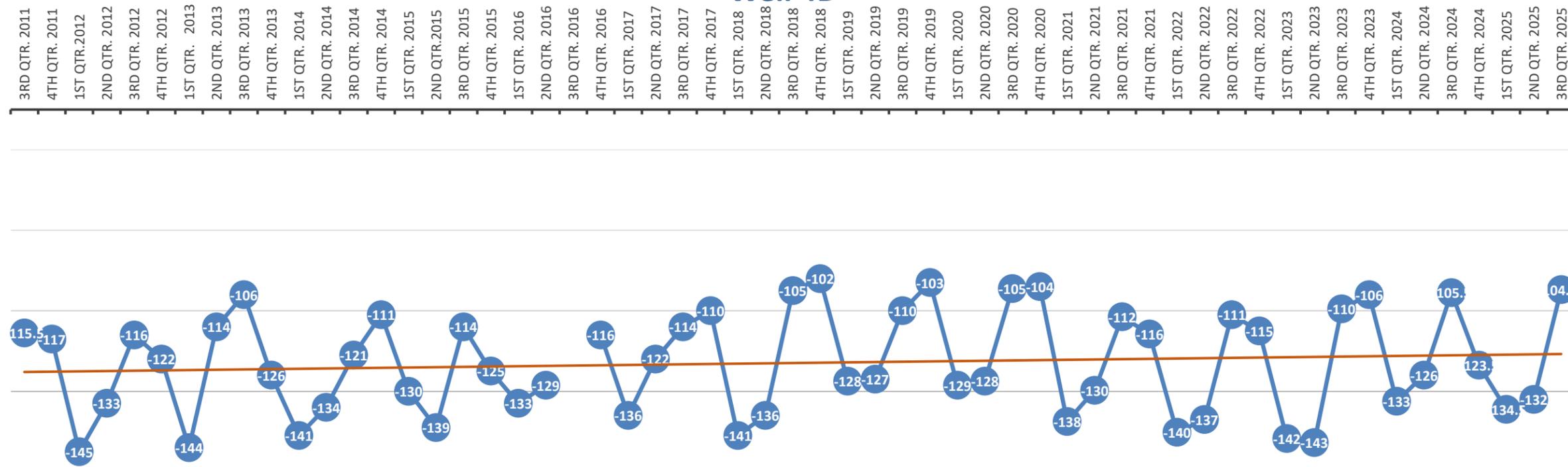


Historic Static Well Levels

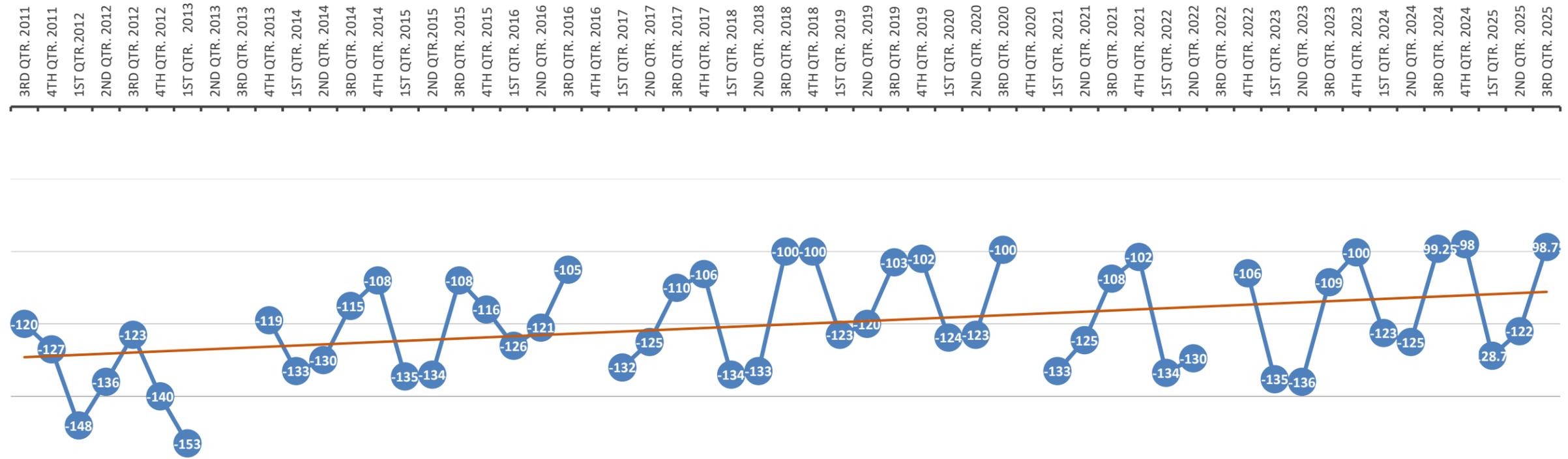
Well 1D



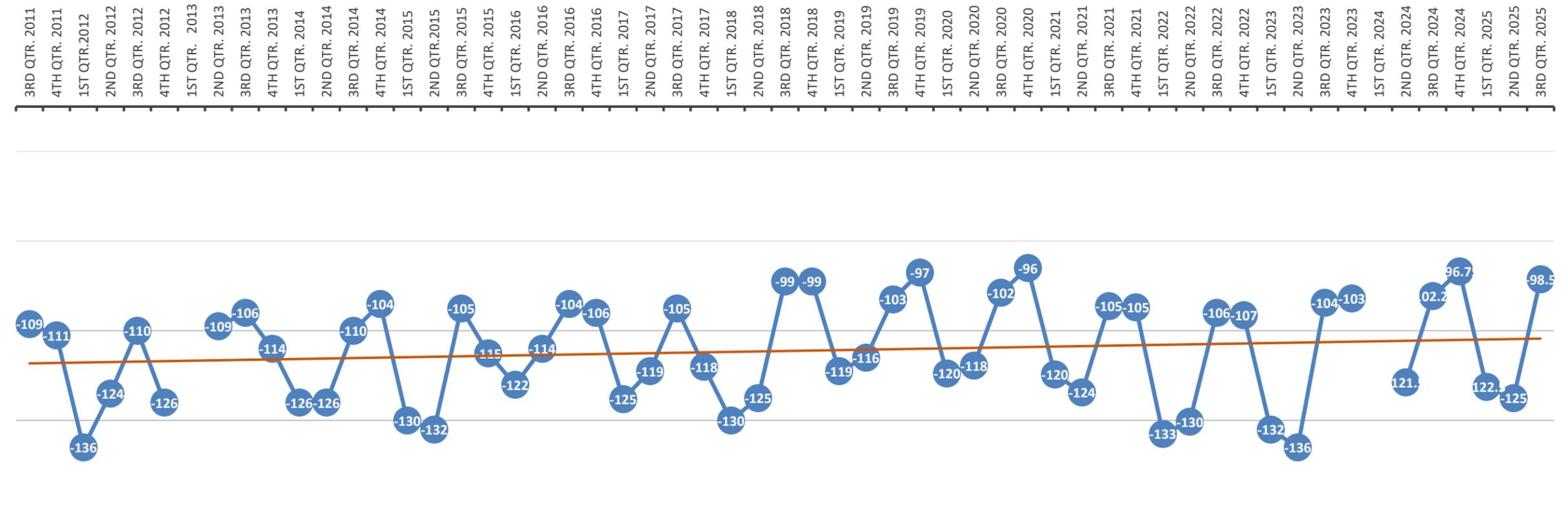
Well 4D



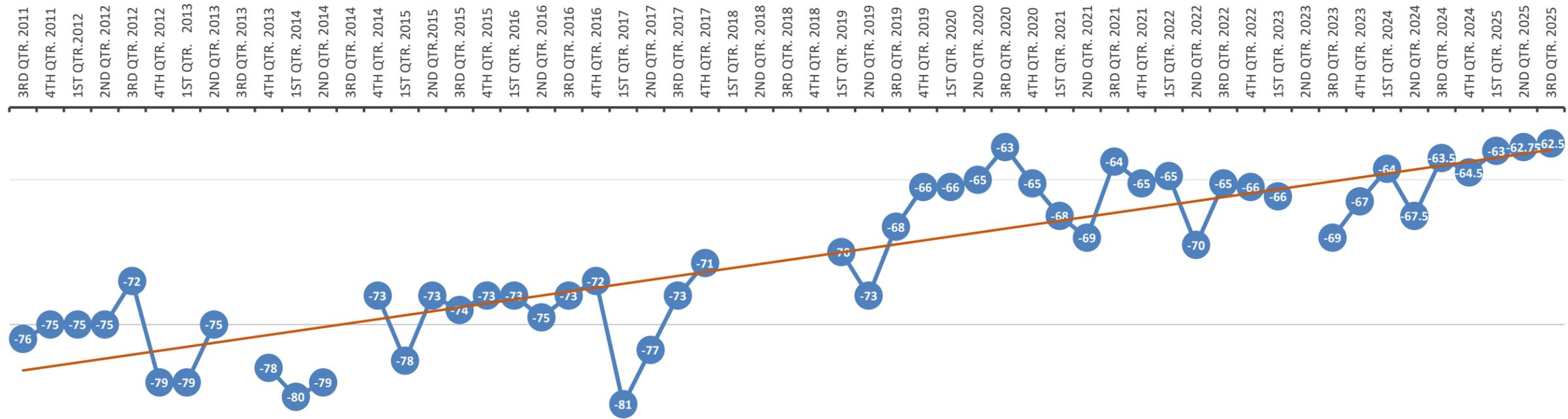
Well 11D



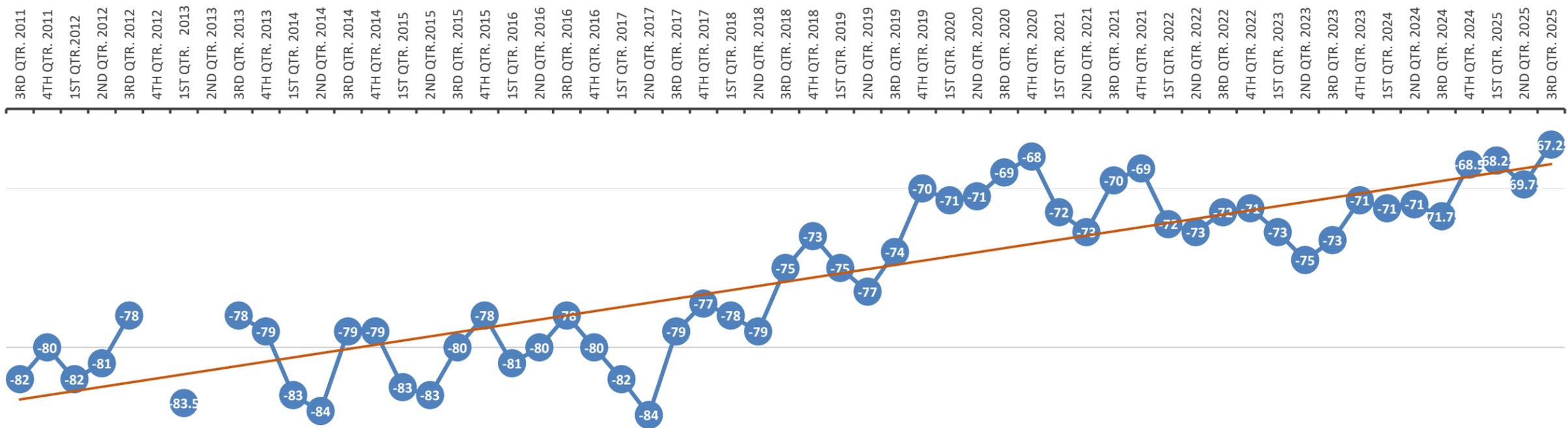
Well 14D



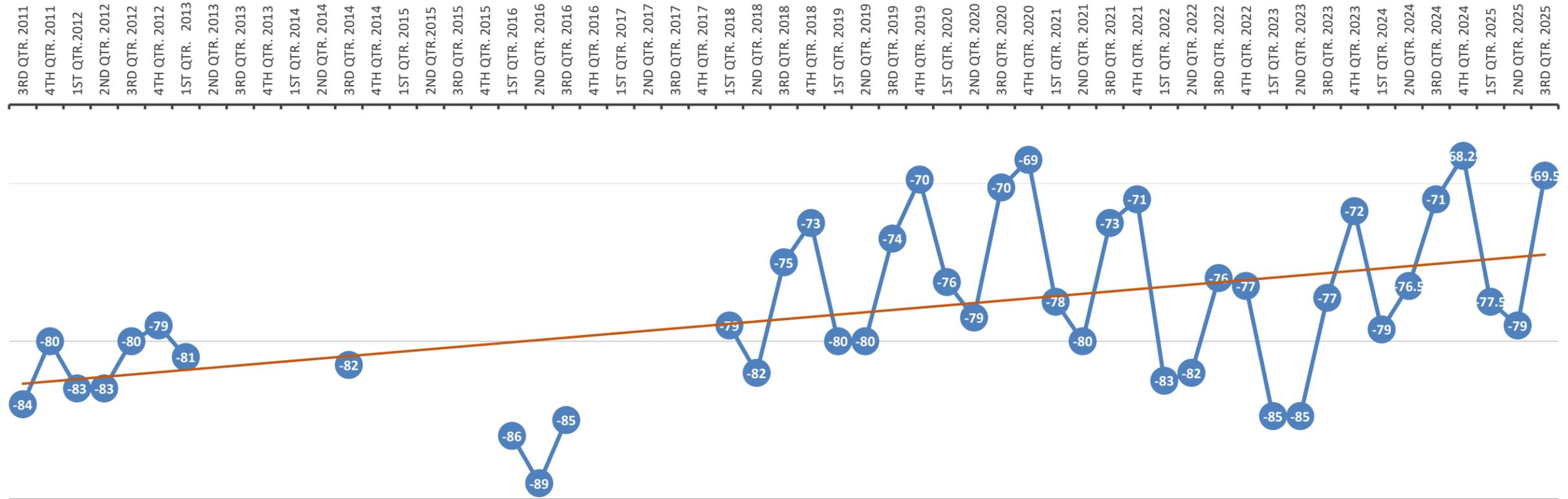
Well 8



Well 9



Well 13



Monthly Sample Report - August 2025
Water System: Elk Grove Water System

Sampling Point: 01 - 8693 W. Camden

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 02 - 9425 Emerald Vista

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 03 - 8809 Valley Oak

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 04 - 10122 Glacier Point

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 05 - 9230 Amsden Ct.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 06 - 9227 Rancho Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 07 - Al Gates Park Mainline Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 08 - 9436 Hollow Springs Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 09 - 8417 Blackman Wy.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 10 - 9373 Oreo Ranch Cir.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 11 - 9907 Kapalua Ln.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/5/2025	Distribution System	Fluoride	Month
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 12-9205 Meadow Grove Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: 13 - Elliot Springs Dr.

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Distribution System	Bacteriological	Week
8/12/2025	Distribution System	Bacteriological	Week
8/19/2025	Distribution System	Bacteriological	Week
8/26/2025	Distribution System	Bacteriological	Week

Sampling Point: Hampton Well 13 - Raw Water

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/4/2025	Source Water	Fe, Mn, As, Total	Week
8/11/2025	Source Water	Fe, Mn, As, Total	Week
8/18/2025	Source Water	Fe, Mn, As, Total	Week
8/25/2025	Source Water	Fe, Mn, As, Total	Week

Sampling Point: Hampton WTP Effluent

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/4/2025	Source Water	Fe, Mn, As, Total	Week
8/11/2025	Source Water	Fe, Mn, As, Total	Week
8/18/2025	Source Water	Fe, Mn, As, Total	Week
8/25/2025	Source Water	Fe, Mn, As, Total	Week

Sampling Point: Railroad WTP Effluent

Sample Date	Sample Class	Sample Name	Collection Occurrence
8/5/2025	Treated Plant Effluent	WTP Eff - Fe,Mn,As Total	Month
8/13/2025	Treated Plant Effluent	Threshold Odor	Month

Sampling Point: Special Distribution/Construction Samples

Sample Date	Sample Class	Sample Name	Collection Description	
8/11/2025	Distribution System	Bacteriological	9666 Eisenbeisz St. 2" blow-off (CIP) samples taken	2
8/19/2025	Distribution System	Bacteriological	9662 Eisenbeisz St.--Hyd. #F5-031H (CIP) 2 samples taken	

<u>Colors</u>	<u>Monthly Total</u>	<u>Yearly Total</u>
Black = Scheduled	63	596
Green = Unscheduled	4	35



September 3, 2025

Sacramento Regional County
Sanitation District
Environmental Specialist
10060 Goethe Rd.
Sacramento, CA. 95827

WASTEWATER DISCHARGE COMPLIANCE REPORT FORM

Enclosed is the Wastewater Discharge Compliance Report Form from Elk Grove Water District for August 2025.

If you have any further questions, you may contact me at 916-585-9390

AARON HEWITT
WATER TREATMENT SUPERVISOR

SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT (REGIONAL SAN)

COMPLIANCE REPORT FORM

Attn: Scott Mullin	E-mail: mullins@sacsewer.com	Wastewater Source Control Section
Phone: (916) 875-6470		Fax: (916) 854-9286
From: Aaron Hewitt		
Company: Elk Grove Water District		Permit # WTP-010

Discharge Month:	August	Year:	2025
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The following reports and information are attached (check all that apply):

<input checked="" type="checkbox"/> Water use/flow meter report (If there is no discharge during the reporting period, this must be reported)	Location	Total Gallons
	OF 1 Hampton WTP Backwash Tank	1,315,921
	OF 3 Railroad WTP Backwash Tank	67,221
	OF 5 Analyzer Water	35,712
	OF 6 Tank Sludge (preapproval req)	
	OF 7 Misc. (preapproval req)	

Monitoring results/analytical report(s)

pH (if measured); Grab Monitoring Data Review

Location	Date and Time	pH
OF1		
OF3		
OF6		
OF7		

pH compliance statement – CHECK ONE BELOW

Based on a review of this facility's pH data, pH has exceeded the discharge limits.

I certify that this facility has reviewed pH data and is in compliance.

Discharge Rate - CHECK ONE BELOW

or Based on a review of this facility's flow data, the discharge rate limit was exceeded.

I certify that this facility is in compliance with the discharge rate limit.

Attached is a description of anticipated changes that may significantly alter the nature, quality, or volume of the wastewater discharged.

Flow monitoring equipment certification

Other (explain):

SACRAMENTO REGIONAL COUNTY SANITATION DISTRICT (REGIONAL SAN)

Domestic Calculation

Domestic Usage/ Employee Monthly Totals	Number of Full-time Equivalent* Employees	Business Days per Month	Allowance (gallons per day)	Gallons
Production	2	18	15	540
Office	3	18	10	540
Drivers/Field	12	18	3	648
Total				1,728

*FTE Equivalent: all employees' monthly hours added together and converted to a full-time employee count

Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations."

SIGNATURE of Authorized Representative:  _____

PRINTED NAME, TITLE: Aaron Hewitt _____ Treatment Plant Supervisor _____
 (Name) (Title)

DATE: 9.3.2025 _____



September 3, 2025

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, CA 95814

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING

Enclosed is the Monthly Summary of Distribution System Coliform Monitoring report from Elk Grove Water District for August 2025.

If you have any further questions, you may contact me at 916-585-9390.

AARON HEWITT
WATER TREATMENT SUPERVISOR

MONTHLY SUMMARY OF REVISED TOTAL COLIFORM RULE DISTRIBUTION SYSTEM MONITORING (including triggered source monitoring for systems subject to the Groundwater Rule)

System Name <p style="text-align: center; font-size: 1.2em;">Elk Grove Water District</p>	System Number <p style="text-align: center; font-size: 1.2em;">3410008</p>
Sampling Period <p style="text-align: center; font-size: 1.2em; color: blue;">August</p>	Year <p style="text-align: center; font-size: 1.2em;">2025</p>

	Number Required	Number Collected	Number Total Coliform Positives	Number E.coli Positives
1. Routine Samples (see note 1)	50	52	0	0
2. Repeat Samples following samples that are Total Coliform Positive and <i>E.coli</i> Negative (see notes 10 and 11)		0	0	0
3. Repeat Samples following Routine Samples that are Total Coliform Positive and <i>E. coli</i> Positive (see notes 10 and 11)		0	0	0
4. Treatment Technique (TT)/MCL Violation Computation for Total Coliform/ <i>E. coli</i> Positive Samples				
a. Totals (sum of columns)	50	52	0	0
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100] =	0	%		
c. Did the system trigger... a Level 2 Assessment TT? (see notes 2, 3, 4, 5 and 6 for trigger info) <i>If a Level 2 Assessment is triggered, see note 8 below.</i>			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
a Level 1 Assessment TT? (see note 7 for trigger info) <i>If a Level 1 Assessment is triggered, see note 9 below.</i>			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
5. Triggered Source Samples per Groundwater Rule (see notes 12 and 13)		0	0	0
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By: Aaron Hewitt				

Signature 	Title <p style="text-align: center; font-weight: bold;">Water Treatment Supervisor</p>	Date <p style="text-align: center; color: blue; font-weight: bold;">9/3/2025</p>
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NOTES AND INSTRUCTIONS:

1. Routine samples include:
 - a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
 - b. Extra samples are required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;
 - c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
2. Note: For a repeat sample following a total coliform positive sample, any *E.coli* positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
3. Note: For repeat sample following a *E.coli* positive sample, any total coliform positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
4. Note: Failure to take all required repeat samples following an *E. coli* positive routine sample (22, CCR, Section 64426.1) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
5. Note: Failure to test for *E. coli* when any repeat sample tests positive for total coliform (22, CCR, Section 64426.1) **constitutes an MCL violation and requires immediate notification to the Division** (22, CCR, Section 64426.1).
6. Note: Second Level 1 treatment technique trigger in a rolling 12-month period.
7. Total coliform Treatment Technique (TT) Violation (**Notify Department within 24 hours of TT violation**):
 - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the TT is violated and a Level 1 Assessment is required.
 - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the TT is violated and a Level 1 Assessment is required.
8. Contact the Division as soon as practical to arrange for the division to conduct a Level 2 Assessment of the water system. The water system shall complete a Level 2 Assessment and submit it to the Division within 30 days of learning of the trigger exceedance.
9. Conduct a Level 1 Assessment in accordance with as soon as practical that covers the minimum elements (22, CCR, Section 64426.8 (a), (2)). Submit the report to the Division within 30 days of learning of the trigger exceedance.
10. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
11. Repeat samples must be collected within 24 hours of being notified of the positive results. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. For systems collecting one or fewer routine samples per month, four repeat samples must be collected for each total coliform positive sample. At least three samples shall be taken the month following a total coliform positive.
12. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
13. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E.coli*-positive triggered sample (boxed entry) **requires immediate notification to the Division, Tier 1 public notification, and corrective action.**



September 3, 2025

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, CA. 95814

MONTHLY SUMMARY OF THE HAMPTON GROUNDWATER TREATMENT PLANT

Enclosed is the Monthly Summary of the Hampton GWTP report from Elk Grove Water District for August 2025.

If you have any further questions, you may contact me at 916-585-9390.

AARON HEWITT
WATER TREATMENT SUPERVISOR

Elk Grove Water District

Hampton GWTP Monthly Report

PWS Number

3410008-013

Month: August

GWTP Name

Hampton Water Treatment Plant

Date	Hour Meter	Run Hours	Production Meter	Well Production	Backwash Meter	Backwash Waste	Weekly In-House Monitoring (mg/L) R (Raw) T (Treated) As (ug/L)							Weekly Average			
							Date	Fe, R	Fe, T	Mn, R	Mn, T	As, R	As, T	Inf. pH	Eff. pH		
last day	34571.1		8261141		44386410	53948230											
1	34595.9	24.8	9662987	1401846	44428686	53991661	8/4/2025	0.006	0.028	0.027	0.014	13	2	Inf. pH Eff. pH			
2	34618.7	22.8	10964979	1301992	44453941	54032926	8/11/2025	0.008	0.007	0.018	0.005	13	1	Week 1: 7.06 to 7.07			
3	34642.7	24	12326552	1361573	44487709	54075131	8/18/2025	0.012	0.018	0.027	0.003	13	2	Cl2		0.98	
4	34667.3	24.6	13710733	1384181	44532884	54120410	8/25/2025	0.003	0.027	0.034	0.007	11	2	Week 2: 7.07 to 7.07			
5	34690.9	23.6	15055436	1344703	44566777	54161334								Cl2		0.96	
6	34715.3	24.4	16439968	1384532	44600580	54203544								Week 3: 7.08 to 7.07			
7	34739	23.7	17789167	1349199	44623091	54243898	Total Gallons Sodium Hypochlorite: 412.2 Gal					Cl2		0.95			
8	34762.7	23.7	19135977	1346810	44656690	54286395	Pounds per day 15.96 Lbs/Day					Week 4: 7.09 to 7.05					
9	34786.7	24	20497555	1361578	44690226	54328925	Dosage (Milligrams Per Liter @ 12% Cl) 1.41					Cl2		0.89			
10	34810.6	23.9	21855103	1357548	44724143	54371604											
11	34834.9	24.3	23236593	1381490	44757781	54414161	Total Gallons Ferric Chloride: 250.3 Gal										
12	34858.1	23.2	24554782	1318189	44791391	54455571	Dosage (Milligrams Per Liter @ 38% FeCl) 1.238										
13	34882.8	24.7	25954865	1400083	44825053	54498140											
14	34907.1	24.3	27333815	1378950	44858557	54540417	Total Gallons Sulfuric Acid : 248.8 Gal										
15	34930.9	23.8	28683294	1349479	44892164	54581544	Dose (Gallons Per Hour @ 93% H2SO4) 0.335 Gal/Hr										
16	34953.7	22.8	29979921	1296627	44925866	54620915											
17	34978.6	24.9	31393983	1414062	44959501	54664397											
18	35002.8	24.2	32763667	1369684	44993143	54706203											
19	35026.7	23.9	34115778	1352111	45026569	54747123											
20	35051.1	24.4	35496213	1380435	45060064	54789542	Total Backwashed 1,047,602		Total Run Hours 743.4								
21	35074.3	23.2	36810529	1314316	45093683	54828070											
22	35099.6	25.3	38241585	1431056	45127337	54873381	Total Water Pumped 42,137,334		Total Backwash Waste 1,315,921								
23	35123.1	23.5	39572536	1330951	45161062	54912762											
24	35147	23.9	40929732	1357196	45189589	54953187	Reporting Limits/Units		Maximum Contaminant Levels (MCLs)								
25	35170.8	23.8	42272156	1342424	45226944	54997428	Iron = 0.100 mg/L		Iron (Fe) = 0.300 mg/L (Secondary)								
26	35194.6	23.8	43618350	1346194	45265966	55045278	Manganese = 0.010 mg/L		Manganese (Mn) = 0.050 mg/L (Secondary)								
27	35219	24.4	45299650	1681300	45299650	55087163	Arsenic = 1.0 µg/L		Arsenic (As) = 10 µg/L (Primary)								
28	35242.7	23.7	46335804	1036154	45333334	55139505											
29	35266.7	24	47693822	1358018	45366963	55181548											
30	35290.5	23.8	49040857	1347035	45400379	55222528	Prepared By: Aaron Hewitt		Date: 9/3/2025								
31	35314.5	24	50398475	1357618	45434012	55264151											
Total		743.4		42137334	1047602	1315921											



September 3, 2025

State Water Resources Control Board
Division of Drinking Water
1001 I Street
13th Floor
Sacramento, CA 95814

MONTHLY FLUORIDATION MONITORING REPORT

Enclosed is the Monthly Summary of the Fluoridation Monitoring from Elk Grove Water District for August 2025.

If you have any further questions, you may contact me at 916-585-9390.

AARON HEWITT
WATER TREATMENT SUPERVISOR

ELK GROVE WATER DISTRICT AREA 2

DISTRIBUTION SYSTEM

MONTHLY FLUORIDATION MONITORING REPORT

August-25

Week	Location of Sample	Monitoring Results (mg/L)			
		Date	Time	Results	
1	Hollow Springs	8.5.2025	9:02 AM	0.66	
1	Kapalua	8.5.2025	9:30 AM	0.62	
1	Al Gates Park	8.5.2025	10:09 AM	0.75	
1	Oreo Ranch	8.5.2025	10:32 AM	0.79	
1	Blackman	8.5.2025	11:07 AM	0.84	
1	Elliot Springs	8.5.2025	11:32 AM	0.74	
2	Hollow Springs	8.12.2025	9:21 AM	0.78	
2	Kapalua	8.12.2025	9:44 AM	0.69	
2	Al Gates Park	8.12.2025	10:05 AM	0.67	
2	Oreo Ranch	8.12.2025	10:20 AM	0.74	
2	Blackman	8.12.2025	10:50 AM	0.62	
2	Elliot Springs	8.12.2025	11:13 AM	0.64	
3	Hollow Springs	8.19.2025	9:17 AM	0.75	
3	Kapalua	8.19.2025	9:38 AM	0.7	
3	Al Gates Park	8.19.2025	10:07 AM	0.85	
3	Oreo Ranch	8.19.2025	10:27 AM	0.81	
3	Blackman	8.19.2025	11:19 AM	0.7	
3	Elliot Springs	8.19.2025	11:42 AM	0.82	
4	Hollow Springs	8.26.2025	9:53 AM	0.73	
4	Kapalua	8.26.2025	10:25 AM	0.85	
4	Al Gates Park	8.26.2025	10:59 AM	0.84	
4	Oreo Ranch	8.26.2025	11:19 AM	0.85	
4	Blackman	8.26.2025	11:53 AM	0.86	
4	Elliot Springs	8.26.2025	12:24 PM	0.8	

Monthly fluoride split sample results:

Date: 8.5.2025

Water System Results: 0.62 mg/L

Approved Lab: 0.83 mg/L

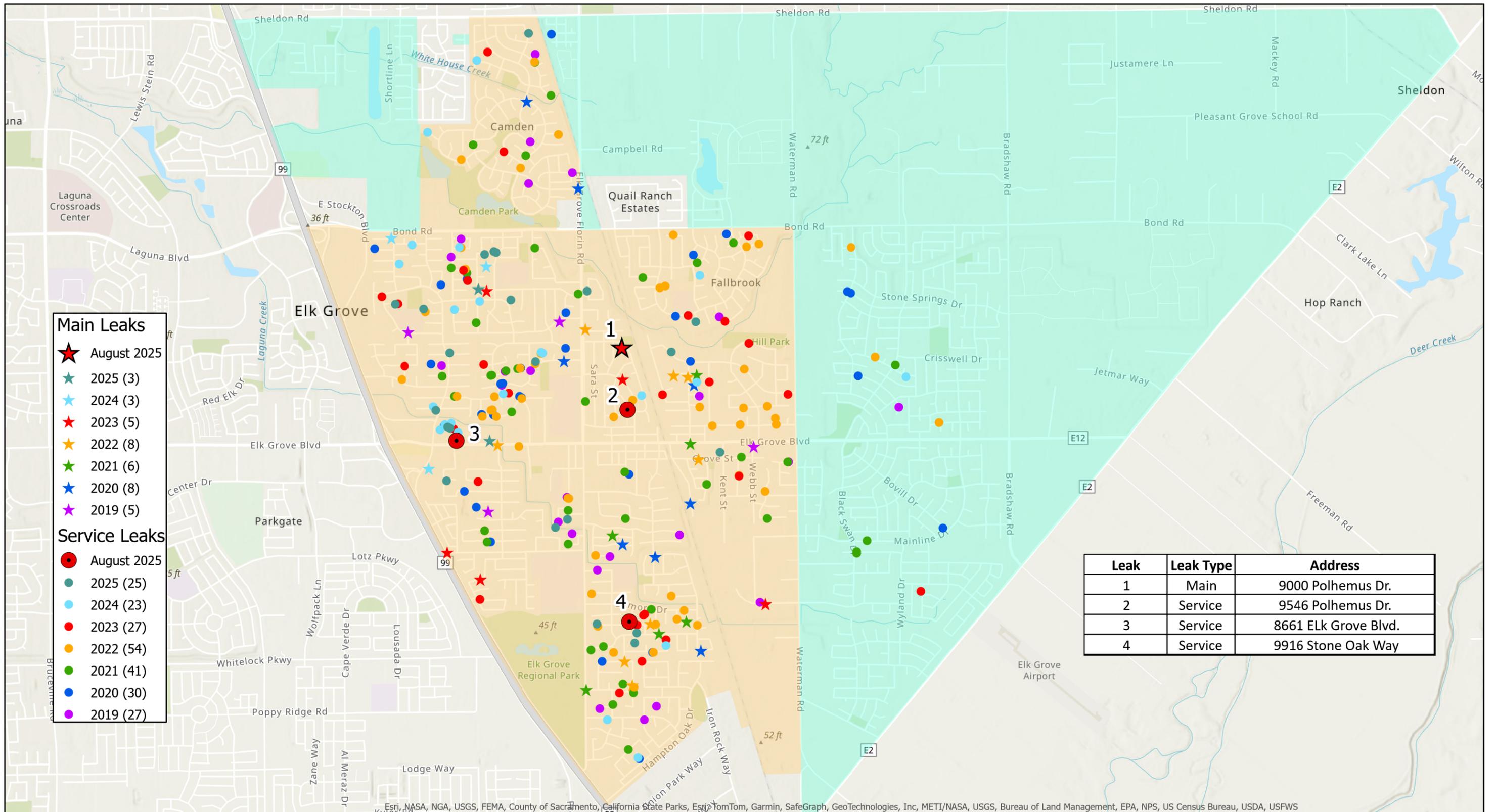
Contact Name: Aaron Hewitt

Telephone : (916) 585-9390

System PWS Number: 3410008

Elk Grove Water District
 Safety Meetings/Training
 August 2025

Date	Topic	Attendees	Hosted By
8/11/2025	Being Present and Observant	Alan Aragon, Stefan Chanh, David Frederick, Jaylyn Gordon-Ford, Gabriel Guerrero, Aaron Hewitt, James Hinegardner, Brandon Kent, Justin Mello, Sal Mendoza, Chris Phillips, Emmanuel Vasquez, Brandon Wagner, Marcell Wilson	Sean Hinton & Aaron Hewitt



Main Leaks

- ★ August 2025
- ★ 2025 (3)
- ★ 2024 (3)
- ★ 2023 (5)
- ★ 2022 (8)
- ★ 2021 (6)
- ★ 2020 (8)
- ★ 2019 (5)

Service Leaks

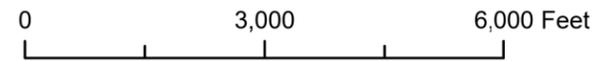
- August 2025
- 2025 (25)
- 2024 (23)
- 2023 (27)
- 2022 (54)
- 2021 (41)
- 2020 (30)
- 2019 (27)

Leak	Leak Type	Address
1	Main	9000 Polhemus Dr.
2	Service	9546 Polhemus Dr.
3	Service	8661 Elk Grove Blvd.
4	Service	9916 Stone Oak Way

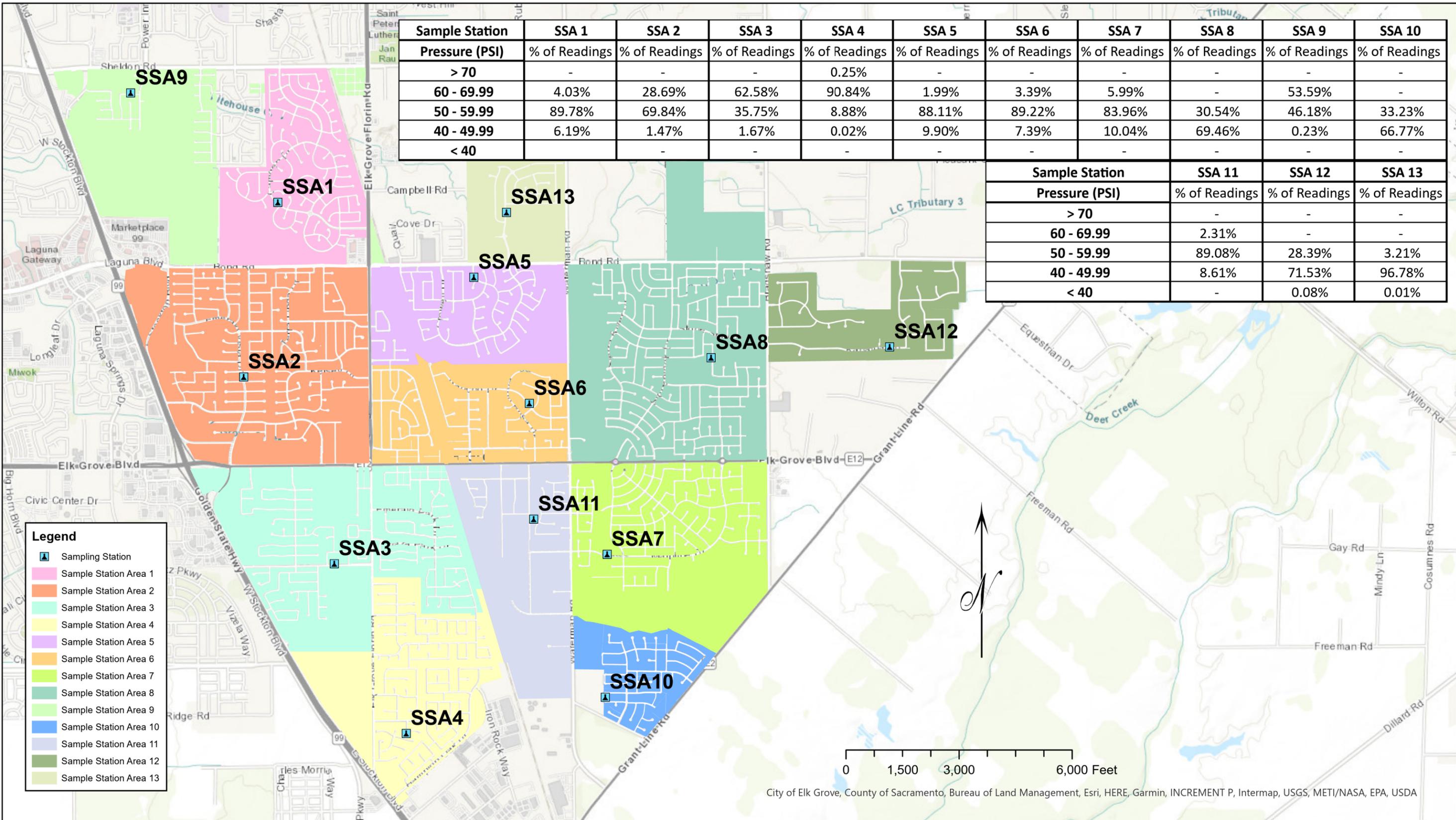
August 2025	
Main Line Leaks: 1	YTD: 3
Service Line Leaks: 3	YTD: 25
Total Leaks: 4	YTD: 28



Elk Grove Water District Main and Service Line Leaks Map



Elk Grove Water District Main & Service Line Leaks	
Created by: Richard Ko	
Date: September 2, 2025	



- Legend**
- Sampling Station
 - Sample Station Area 1
 - Sample Station Area 2
 - Sample Station Area 3
 - Sample Station Area 4
 - Sample Station Area 5
 - Sample Station Area 6
 - Sample Station Area 7
 - Sample Station Area 8
 - Sample Station Area 9
 - Sample Station Area 10
 - Sample Station Area 11
 - Sample Station Area 12
 - Sample Station Area 13

Sample Stations: 13

August 2025



Elk Grove Water District

Sample Station Areas

Projected Coordinate System: NAD 83 State Plane CA II FIPS 0402

Source: EGWD GIS Database

Modified by: Richard Ko

September 4, 2025